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16. Abstract (Limit: 200 words):

Contains records of approximately 23,000 chemicals which since 1970 have been mentioned in a significant way in journals indexed in MEDLINE, the National Library of Medicine's online bibliographic database. Originally housed in a manual card file, these records were incorporated as a subset of the MEDLARS MeSH (Medical Subject Heading) file, and became searchable online in June 1980. The present list does not include any of the chemical descriptors that are to be found in the D category of MeSH.

The publication is intended to assist indexers, and the users of Index Medicus and MEDLINE. For the indexer, it provides more specific entries than those available in the printed MeSH. It permits users of Index Medicus to locate the chemical subject headings under which citations referring to a more specific chemical can be found.

17. Document Analysis a. Descriptors

Index Terms
Information Retrieval
Subject Index Terms

b. Identifiers/Open-Ended Terms

MeSH
MEDLARS
MEDLINE
National Library of Medicine

c. COSATI Field/Group

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Introduction

This publication contains records of approximately 23,000 chemicals which since 1970, have been mentioned in a significant way in journals indexed in MEDLINE. Originally housed in a manual card file, these records were incorporated as a subset of the MEDLARS MeSH file, and became searchable online in June 1980. The present list does not include any of the chemical descriptors that are to be found in the D category of Medical Subject Headings (MeSH).

The publication is intended to assist indexers and the users of Index Medicus and MEDLINE. For the Indexer, it provides more specific entries than those available in the printed MeSH. It permits the user of Index Medicus to locate the chemical subject heading under which citations referring to a more specific chemical can be found. As shown in the example below citations concerning "dimethyldodecylbenzylammonium" will be found in Index Medicus under the heading BENZALKONIUM COMPOUNDS. Whether a citation discussing the above compound will also be indexed under ANTISEPTICS or DISINFECTANTS will depend on the scope and emphasis of the article.

The MEDLINE user may search for citations that refer specifically to dimethyldodecylbenzylammonium by including DIMETHYLDODECYLBENZYLAMMONIUM (NM), or a synonym, in a search statement. For a full discussion of the online use of the Chemical Dictionary file, one may consult Section 6 of the NLM Online Services Reference Manual.

In order to limit the size of this publication, the records of chemicals that were cited only three times and have an entry date before 1975, records that were cited only twice and have an entry date before 1982 and records which were cited only once and have an entry date before 1983 have not been included. The list reflects the status of the online Chemical Dictionary as of October 9, 1985, but newly mentioned chemicals are being added to the online Chemical Dictionary throughout the year at the rate of approximately 300 per month. For these reasons, the online file contains numerous entries that are not included here.

The records in this listing are in alphabetical order, following as closely as possible the alphabetization used in MeSH. However, because it was not practical to follow the special MeSH sort procedure, the alphabetization is not identical, e.g., single letters are ignored for alphabetization purposes.

Synonyms (SY) are printed under the Name of Substance (NM), and appear also in alphabetical order in the list as cross-references to the Name of Substance. They are analogous to the "see" reference (entry terms) in MeSH.

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Format

The following example illustrates the format of entries in this publication:

NM - dimethyldodecylbenzylammonium
RN - 10328-35-5
RR - 57213-60-2 (maleate[2:1])
RR - 7281-04-1 (bromide)
RR - 139-07- (chloride)
RR - 71288-45-4 (nitrate)
SY - benzododecinium
SY - Sterinol
SY - benzyldodecyldimethylammonium chloride
SY - dodecyldimethylbenzylammonium chloride
SY - Ajatin
HM - *BENZALKONIUM COMPOUNDS
PA - ANTISEPTICS
II - DISINFECTANTS
NO - RN given refers to parent cpd

Of all the fields displayed here, only the main entry (NM), which is in bold-face type in the publication, and the Heading Mapped to (HM) fields are present for every entry; the remaining fields may be present or absent depending on the availability of specific information.

(1) Name of Substance (NM)

This is the main entry for the chemical compound and appears in bold-face type. Wherever possible, the generic name of the chemical as given in United States Adopted Names (USAN), Merch Index, or International Nonproprietary Names (INN) is used. For enzymes, the name adopted by the Commission on Biological Nomenclature of the International Union of Pure and Applied Chemistry and published in Enzyme Nomenclature, is used.

(2) Chemical Abstracts Service Registry Number (RN)

This field contains either the Registry Number or the Enzyme Commission (EC) Number for a given chemical. The field will not appear in the printed record if these numbers are not yet assigned or available.

(3) Related Registry Numbers (RR)

This field identifies Chemical Abstract Registry Numbers for salts and/or stereoisomers of the Name of Substance and their relationship to the "parent" as well as the Chemical Abstract Registry Numbers for enzymes.

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(4) Synonyms (SY)

The SY field contains synonyms for a chemical entry which have been identified in indexed MEDLINE journals. These synonyms also are listed alphabetically as "see" references. The user should note that this does not represent a complete list of known synonyms for a chemical, but only those which have appeared in indexed journals.

(5) Heading Mapped To (HM)

This field identifies the MeSH heading under which citations on a given chemical will be located in Index Medicus.

(6) Pharmacological Action (PA)

Pharmacological activities which have been attributed to the chemical term in indexed journals are listed in this field. These activities are displayed as MeSH headings (e.g., TRANQUILIZING AGENTS, ANTINEOPLASTIC AGENTS) or as MeSH heading/subheading combinations (e.g., DOPAMINE/antagonists). Since different articles may discuss different properties of a chemical, not all citations on the chemical will necessarily be found under any given pharmacological action heading in Index Medicus. This field is displayed primarily for informational purposes.

(7) Indexing Instruction (II)

This field contains MeSH headings, alone or in combination with subheadings, which are not pharmacological actions but which are associated with or qualify the term in the NLM field. These may include the identification of the microorganism from which a named toxin is isolated, disease terms with the subheading /drug therapy, hormones associated with the term in the NM field, etc. As with the PA field, not all citations referring to a given chemical will be found in Index Medicus under the subject heading appearing in the Indexing Instruction (II) field for that chemical.

(8) Note (NO)

The purpose of the note field is to provide additional information not given in the SY, PA, and II fields. It may include pharmacologic, biologic, or metabolic activities; synthetic or biosynthetic origins; indication of structure availability; or any other data obtained which are felt to be potentially useful in identifying and characterizing a particular chemical substance.

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AAABC
(HM) DOXORUBICIN
(HM) BLEOMYCINS
(HM) CYCLOPHOSPHAMIDE
(HM) CYTARABINE
(HM) NITROSOUREA COMPOUNDS
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds and ACNU

AAA-BPPA see adenylyl-(2'-5')-adenylyl-(2'-5')adenosine bis- phosphoramidate

AAAMCP see alpha-amino-alpha-methyl-beta-carboxyethanephosphinic acid

AAAP
(HM) NITROSOUREA COMPOUNDS
(HM) DOXORUBICIN
(HM) METHOTREXATE
(HM) PREDNISOLONE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of ACNU, doxorubicin, methotrexate & prednisolone

AAATCT see alpha,alpha,alpha-trichloro-4-chlorotoluene

2-AABBSG see 2-O-acetyl-3-O-allyl-4-O-benzyl-6-O-tert-butyldiphenylsilylglucopyranosyl chloride

AABITC see arsanil isothiocyanate

AAC see Gaviscon

AACAMP sepharose see 8-(2-aminoethyl)amino-cAMP sepharose

AAC (Combination) see Gaviscon

AAC(3)-IV see aminoglycoside N(3')-acetyltransferase

7-AACLZ see 7-acetamidoclonazepam

AACP synthetase see acyl-(acyl-carrier-protein) synthetase

AADCV see 5-(2-aminoadipyl)cysteinylvaline

AADG see N-acetylglucosaminylasparagine

5-(2-AADI)Cys see 5-(2-aminoadipyl)cysteine

19-AADO see 19-amino-4-androstene-3,17-dione

AADP see 3-aminopyridine 1,N(6)-ethenoadenine dinucleotide phosphate

AAD-protease see amyloid A-degrading serine protease

AAFBAP see 2-amino-3-acetylamino-6-(4-fluorobenzylamino)pyridine

AAFC see 5-fluoro-2,2'-cyclocytidine

AAF N-deacetylase see 2-acetylaminofluorene N-deacetylase

AAGLAN see 2-aminobenzoylalanyl-glycyl-leucyl-alanyl-4-nitrobenzylamide

AA-glutathion see 3-(glutathion-S-yl)acetaminophen

AAGP acetylhydrolase see 1-alkyl-2-acetyl-sn-glycero-3-phosphocholine-acetylhydrolase

1-AAGP see 1-alkyl-2-acyl-sn-glycero-3-phosphocholine

AA-GSH see 3-(glutathion-S-yl)acetaminophen

AAGTP see GTP gamma-4-azidoanilide

Aa-hemorrhagin I see hemorrhagin components (Crotalid)

Aa-hemorrhagin II see hemorrhagin components (Crotalid)

Aa-hemorrhagin III see hemorrhagin components (Crotalid)

1-AAIDQ see 1-acetoxy-4-acetoxyimino-1,4-dihydroquinoline

AAL see apolipoprotein A-I

AALASGPPV see arginyl-arginyl-lysyl-alanyl-seryl-glycyl-prolyl-prolyl-valine

AA malonyltransferase see malonyl-CoA-anthranilic acid N-malonyltransferase

N-AAMS see N(6)-(6-aminohexyl)-adenosine 5'-monophosphate- sepharose

AANA see acetylalanine 4-nitroanilide

A35512 antibiotic complex
(RN) 67299-00-7
(SY) A35512A
(SY) A35512B
(SY) A35512C
(SY) A35512E
(SY) A35512H
(HM) GLYCOPEPTIDES
(PA) ANTIBIOTICS
(NO) antibiotic glycopeptide complex produced by Streptomyces candidus; individual factors A,B,C,E,H separated

A i-antigen see immobilization antigens

AAOCOA see allyl-alpha-allyloxycarbonyloxyacryiate

AAP see antiarrhythmic peptide

AAPACK see N-acetylalanyl-alanyl-prolyl-alanine chloromethyl ketone

aaptamine
(RN) 85547-22-4
(SY) 8,9-dimethoxy-1H-benzo(de)(1,6)naphthyridine
(HM) *NAPHTHYRIDINES
(PA) ADRENERGIC ALPHA RECEPTOR BLOCKADERS
(NO) natural product from sea sponge Aaptos aaptos; structure given in first source; RN from CA Index Guide 1984; RN not in Chemline 2/85

9-AAP see 9-aminoacridine propranolol

AASA synthase see aminoadipic semialdehyde synthase

8-AASM see 8-azido-S-adenosylmethionine

AATEMPO see 4-(9-acridinylamino)-2,2,6,6-tetramethyl-1-piperidinyloxy

d(AATTGCAATT)
(RN) 80943-73-3
(SY) d(5' HO-AATTGCAATT-OH 3')
(HM) *OLIGODEOXYRIBONUCLEOTIDES
(NO) self-complimentary nucleotide

AAVP copolymer see acrylic acid-N-vinylpyrrolidone copolymer

AA1 see AA1-3

AA1-3
(SY) AA1
(SY) AA2
(SY) AA3
(HM) DOXORUBICIN
(HM) CYTARABINE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds with varying doses

AA 149
(RN) 41826-92-0
(RR) 65846-14-2 (Na salt)
(SY) 3-(2',4',5'-triethoxybenzoyl)propionic acid
(HM) *PROPIONIC ACIDS
(PA) PARASYMPATHOLYTICS
(NO) RN given refers to parent cpd; structure

AA2 see AA1-3

AA 28-263 see SAN AA 28-263

AA3 see AA1-3

AA 344 see 6-ethyl-3-(1H-tetrazol-5-yl)chromone

AA-344 see 6-ethyl-3-(1H-tetrazol-5-yl)chromone

AA-673 see amoxanox

AA 673 see amoxanox

AA861 see AA 861

AA 861
(RN) 80809-81-0
(SY) AA-861
(SY) AA861
(SY) 2,3,5-trimethyl-6-(12-hydroxy-5,10-dodecadiynyl)-1,4-benzoquinone
(HM) *QUINONES
(PA) LIPOXYGENASES/antag
(NO) structure given in first source

AA-861 see AA 861

Abactrim see Bactrim

AB-adenosine see N(6)-(4-azidobenzyl)adenosine

ABA-NAT see azobenzenearsonate-N-acetyl-L-tyrosine

ABASP see substance P, alpha-biotinyl-Arg(1) -

ABA-T see tyrosine-4-azobenzenearsonate

abbg-dm-dTTP see alpha beta, beta gamma-dimethylenedeoxythymidine 5'- triphosphate

Abbott 40557
(RN) 35803-57-7
(RR) 41110-76-3 (HCl)
(RR) 50663-70-2 (mono-HCl)
(SY) MY 201
(SY) ethyl adenosine-5'-carboxylate
(SY) adenosine-5'-carboxylic acid ethyl ester
(HM) ADENOSINE/*analogs
(PA) VASODILATOR AGENTS
(NO) potent vasoactive substance; RN given refers to parent cpd

Abbott 40656 see benzopyranoperidine

Abbott 40728 see chelocardin

Abbott 53986 see fosfedil

Abbot 44747 see fortimicin A

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ABBP see 2-(2-amino-5-bromobenzoyl)pyridine

ABC
(HM) DOXORUBICIN
(HM) CARMUSTINE
(HM) CYCLOPHOSPHAMIDE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

ABDIC
(HM) DOXORUBICIN
(HM) BLEOMYCINS
(HM) DACARBAZINE
(HM) LOMUSTINE
(HM) PREDNISONE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds; used in therapy of MOPP-resistant Hodgkin's disease

ABDKT see 5-(4'-aminobuty)-2,4-diketothiazolidine

ABD-ouabain see 4-aminobenzenediazonium ouabain

ABDPGC see
4-O-acetyl-3,6-di-O-benzyl-2-deoxy-2-phthalimido-alpha,beta-glucopyranosyl chloride

ABEI-SCAMP see aminobutylethylisoluminol succinyl cyclic AMP

5ABEP see beta-endorphin, Arg(9,12,24,28,29)-

4-AB-Gly-Lys see 4-azidobenzoylglycyllysine

ABG-TsU see aldosterone-binding globulin

abietic acid
(RN) 514-10-3
(RR) 67816-10-8 (Pd(+2) salt)
(RR) 66104-41-4 (Ba salt)
(RR) 66104-40-3 (Sr salt)
(RR) 57461-00-4 (NH4 salt)
(RR) 26998-20-9 (unspecified Co salt)
(RR) 23250-44-4 (K salt)
(RR) 14351-66-7 (Na salt)
(RR) 13463-98-4 (Ca salt)
(RR) 10248-55-2 (unspecified Cu salt)
(RR) 6798-76-1 (Zn salt)
(SY) sylvic acid
(HM) *DITERPENES
(NO) searcher request; RN given refers to parent cpd; structure

4-ABI-IGF-II see 4-azidobenzoyliodo-insulin-like growth factor II

abimasten see quinaldofur

Ablacton
(RN) 64115-79-3
(SY) Ablaton
(HM) ESTRADIOL/*analogs
(HM) *NORETHINDRONE
(HM) TESTOSTERONE/*analogs
(HM) DRUG COMBINATIONS
(NO) combination drug; suppresses lactation

ablastin
(HM) *IGG
(PA) TRYPANOCIDAL AGENTS
(NO) factor in blood of rats infected with Trypanosoma lewisi, which prevents division of the parasite; IGG type antibody

Ablaton see Ablacton

ABLSP see substance P(3-11), alpha-biotinyl-Lys(3)-

ABMEATPD see
4-azidobenzoyl-2-mercapto-N-ethylamide-2'-thiopyridine disulfide

ABMFPP see
2-amino-5-bromo-6-(3-fluorophenyl)-4(3H)pyrimidinone

4-ABMMM see 4-azidobenzoyltrimethionine

3-ABOC see 3-aminobicyclo(3.2.1)octane-3-carboxylic acid

ABOFPP see
2-amino-5-bromo-6-(2-fluorophenyl)-4(3H)pyrimidinone

ABP (Alzheimer's) see amyloid fibril protein (Alzheimer's)

4-ABP N-hydroxylase see 4-aminobiphenyl N-hydroxylase

ABPP see 2-amino-5-bromo-6-phenyl-4-pyrimidinone

ABP protocol
(HM) DOXORUBICIN
(HM) BLEOMYCINS
(HM) PREDNISONE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds; used in treatment of lymphoma; do not confuse with ABP regimen which contains prednisolone in place of prednisone

4-ABPP see 4-amino-5-bromopyrrolo(2,3-d)pyrimidine

ABP regimen
(HM) BLEOMYCINS
(HM) DOXORUBICIN
(HM) PREDNISOLONE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds; used in therapy of lymphoma; do not confuse with ABP protocol which contains prednisone in place of predaisolone

abrin receptor
(SY) receptor, abrin
(SY) abrin receptors
(HM) *RECEPTORS, MITOGEN
(II) ABRIN

abrin receptors see abrin receptor

ABS-enkephalin see enkephalin, Ala(2)-O-benzyl-Ser(5)-

absinthium
(RN) 8008-93-3
(SY) absinthium oil
(HM) *OILS, VOLATILE
(NO) oil from Artemisia absinthium or worm wood oil

absinthium oil see absinthium

Absonal see Bradophen

ABS resin
(RN) 9003-56-9
(RR) 67952-85-6 (NH4 salt)
(SY) acrylonitrile-butadiene-styrene resin
(SY) poly(acrylonitrile-butadiene-styrene)
(HM) *POLYSTYRENES
(HM) *ACRYLIC RESINS
(HM) *BUTADIENES
(II) PLASTICS
(NO) RN given refers to parent cpd; structure

ABTS see 2,2'-azino-di-(3-ethylbenzothiazoline)-6-sulfonic acid

1-ABTZ see 1-aminobenzotriazole

Abu-MDP see
N-acetylmuramyl-aminobutyryl-isoglutamine

ABV see VBA

ABVD
(HM) DOXORUBICIN
(HM) BLEOMYCINS
(HM) VINCRISTINE
(HM) DACARBAZINE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

ABVD-I
(HM) DOXORUBICIN
(HM) BLEOMYCINS
(HM) VINBLASTINE
(HM) DACARBAZINE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

ABVP see BOAP

2-ABZ-Gly-4-NO2-Phe-Pro see
2-aminobenzoylglycyl-4-nitrophenylalanyl-proline

AB 163 see AB-163

AB-163
(RN) 14984-65-7
(SY) ethyl di-(2,2-dimethyl)ethylenamido phosphate
(SY) NSC 108878
(SY) AB 163
(HM) *AZIRIDINES
(PA) RADIATION-SENSITIZING AGENTS
(PA) ALKYLATING AGENTS
(NO) decarbamated analog of AB 132 (meturedepa); structure

AB 2
(RN) 69907-19-3
(SY) AB-2
(SY) N-(2-quinuclidinmethyl)-1,2,3,4-tetrahydroquinoline
(SY) N-(2-methylquinuclidinyl)-1,2,3,4-tetrahydroquinoline dihydrochloride
(HM) *QUINUCLIDINES
(PA) ANTI-ARRHYTHMIA AGENTS

AB-2 see AB 2

AB 206 see miloxacin

AB206 see miloxacin

AB 23
(RN) 54338-04-4
(HM) *BENZOATES
(NO) structure

Acabel see bevonium

AcAc LDL see acetoacetyl-LDL

Ac-Ala-Ala-Ala-Ala see acetylalanyl-alanyl-alanyl-alanine

AcAla-pNA see acetylalanine 4-nitroanilide

ACAMC see acetyl-S-(4-cyanoanilinomethyl)cysteine

O-18ac antigen, E coli see O antigen, bacterial

acarbose
(RN) 56180-94-0
(SY) Bay g 5421
(SY) O-(4,6-dideoxy-4-((1S-(1,4,6/3)-4,5,6-trihydroxy-3-hydroxymethyl-2-cyclohexen-1-yl)-amino)alpha-D-glucopyranosyl)-(1-4)-O-alpha-D-glucopyranosyl-(1-4)-D-glucopyranose
(SY) alpha-GHI
(HM) *TRISACCHARIDES
(PA) ALPHA-GLUCOSIDASES/antag
(PA) HYPOGLYCEMIC AGENTS
(PA) GLYCOSIDE HYDROLASES/antag
(NO) improves metabolic profiles in insulin-treated diabetics; structure

acarboxyprothrombin
(SY) non-carboxylated factor II
(HM) PROTHROMBIN/*analogs

N-Ac-Asn-Lys-AZB-Thr-NH2 see
N(alpha)-acetylasparaginyl-lysyl-N(epsilon)-4-azidobenzoyl-threoninamide

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Ac-Arg-HMPA-Lys-Ala-Ala see N(epsilon)-acetyl-N(alpha)-((3-azido-6-hydroxymethyl) phenoxyacetyl)lysyl-alanyl-alanine

ACBA see 4-amino-2-(S-cysteinyl)butyric acid

acceleratory factor from growth hormone
(SY) AcG
(SY) insulin potentiating fragments of growth hormone
(HM) *PEPTIDE FRAGMENTS
(HM) *SOMATOTROPIN
(NO) fragment of amino terminal sequence of growth hormone; first 15 residues of amino terminal sequence of somatotropin; both peptides enhance either effective concentration or activity of insulin at its site of action

N-Ac-4-Cl-Phe(1,2)-Phe(3)-Arg(6)-AlaNH(2)(10)-LHRH see LHRH, N-Ac-4-Cl-Phe(1,2)-Phe(3)-Arg(6)-AlaNH(2)(10)-

N-Ac-4-Cl-Phe(1)(2)-Trp(3)-Arg(6)-Ala(10)-LHRH see ORG 30276

N-Ac-4-Cl-Phe(1,2)-Trp(3)-Arg(6)-AlaNH(2)(10)-LHRH see LHRH, N-Ac-4-Cl-Phe(1,2)-Trp(3)-Arg(6)-AlaNH(2)(10)-

N-Ac-4-Cl-Phe(1,2)-Trp(3)-Phe(6)-AlaNH(2)(10)-LHRH see LHRH, N-Ac-4-Cl-Phe(1,2)-Trp(3)-Phe(6)-AlaNH(2)(10)-

D-ACC-malonyltransferase see D-amino acid malonyltransferase

ACC-phosphatase see acetyl CoA carboxylase phosphatase

accralastic see Thiokol

accutane see Ro 4-3780

ACCY conjugate see acetaminophen-cysteine conjugate

ACC-7513
(RN) 95110-09-1
(SY) ACC 7513
(SY) N-(2-(2,6-dimethoxyphenoxy)ethyl)-2-(2-methoxyphenoxy)ethanaminium chloride
(HM) *DIOXANES
(PA) ADRENERGIC ALPHA RECEPTOR BLOCKADERS
(NO) RN from Toxline; RN not in Chemline 7/85; structure given in first source

ACC 7513 see ACC-7513

ACC 9089
(SY) ACC-9089
(HM) *PROPANOLAMINES
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS
(NO) short-acting beta blockader; structure given in first source

ACC-9089 see ACC 9089

ACC 9447
(SY) ACC-9447
(HM) *ADRENERGIC BETA RECEPTOR BLOCKADERS
(NO) used topically in the eye; no other information available 10/85

ACC-9447 see ACC 9447

(Ac-dehydro-Pro(1),p-Cl-D-Phe(2),D-Trp(3,6))-N-(alpha)-MeLeu(7)-GnRH see GnRH, (Ac-dehydro-Pro(1)-4-Cl-Phe(2)-Trp(3,6))-N-(alpha)-MeLeu(7)-

Ac-delta(2)-Pro(1)-4-F-Phe(2)-Trp(3,6)-LHRH see LHRH, Ac-dehydro-Pro(1)-4-F-Phe(2)-Trp(3,6)-

2-ACDGA see 2-acetamido-2-deoxygalacturonamide

3(S)-Ac-1(R),11(S),12(R)-dolabell-4(E),8(E),18-trien-16-ale see 3-acetoxy-1,11,12-dolabell-4,8,18-trien-16-al

ACDPCME see P(1)-(1-cyclohexylmethyl)-P(2)-(1-beta-arabinofuranosylcytosin-5'-yl)pyrophosphate

Ac-DPH see 1-acetyl-3-acetoxy-5',5-diphenylhydantoin

2-ACDP see 2-amino-6-chloro-1-deazapurine

ACD solution see acid citrate dextrose

aceanthrylene
(RN) 202-03-9
(HM) *ANTHRACENES
(PA) MUTAGENS
(NO) structure given in first source

ACEBOO see 5 alpha-cholest-8(14)-en-3 beta-ol-15-one

acebotoxin III see asebotoxin III

acecobarb see sedalgin

Acedist see bromophenophos

acefylline
(RN) 652-37-9
(RR) 837-27-4 (Na salt)
(SY) acephylline
(SY) 7-theophyllineacetic acid
(SY) theophylline-7-acetic acid
(HM) THEOPHYLLINE/*analogs
(NO) RN given refers to parent cpd

acefyllin piperazinate
(RN) 18833-13-1
(SY) acepifylline
(SY) etophyllin
(SY) acephylline piperazinate
(SY) minophylline
(SY) acepiphyllin
(SY) etaphylline
(HM) THEOPHYLLINE/*analogs
(PA) BRONCHODILATOR AGENTS

aceglatone
(RN) 642-83-1
(SY) diacetyl glucaro-(1,4)-(6-3)-dilactone
(SY) 2,5-di-O-acetyl glucaro-(1,4)-(6-3)-dilactone
(SY) glucaron
(HM) *GLUCARIC ACID/analogs
(NO) structure in Merck

acemetacin
(RN) 53164-05-9
(SY) Rantudil
(SY) Rantodil
(SY) TVX 1322
(SY) indomethacin carboxymethyl ester
(HM) INDOMETHACIN/*analogs
(PA) ANTI-INFLAMMATORY AGENTS
(PA) ANALGESICS, ANTI-INFLAMMATORY
(NO) RN from USAN, Negwer & 9th CI Form Index; N1 from 9th CI Form Index; RN not in Chemline 10/27/80; structure in first source & Negwer, 5th ed, #4511

acenaphthene
(RN) 83-32-9
(HM) *ACENAPHTHENES

acenaphthylene
(RN) 208-96-8
(RR) 34493-60-2 (radical ion (1-))
(HM) *ACENAPHTHENES
(NO) RN given refers to parent cpd

acephate
(RN) 30560-19-1
(SY) O,S-dimethyl N-acetyl phosphoramidothioate
(SY) orthene
(HM) *ORGANOTHIOPHOSPHORUS COMPOUNDS
(PA) INSECTICIDES, ORGANOTHIOPHOSPHATE

acephylline see acefylline

acephylline piperazinate see acefyllin piperazinate

acepifylline see acefyllin piperazinate

acepiphyllin see acefyllin piperazinate

acepreval
(RN) 72064-79-0
(SY) prednisolone 17-valerate-21-acetate
(HM) PREDNISOLONE, TOPICAL/*analogs
(NO) topical steroid used for skin disease therapy

ACE protein see additional cell envelope protein, Aeromonas

ACE protocol
(SY) CAVP16
(HM) DOXORUBICIN
(HM) CYCLOPHOSPHAMIDE
(HM) ETOPOSIDE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above 3 cpds

acess-A
(HM) *TERPENES
(HM) *OILS, VOLATILE
(HM) *METHYLTYROSINES
(HM) DRUG COMBINATIONS
(II) PLANTS, MEDICINAL
(NO) combination of tincture of myrrh & chamomile & ratanhin (N-methyl-L-tyrosine) used for gingivitis & marginal periodontitis

acetaldehyde coenzyme A dehydrogenase see acetaldehyde dehydrogenase (acylating)

acetaldehyde dehydrogenase
(RN) EC 1.2.1.5
(RR) 9028-88-0 (CRN)
(HM) *ALDEHYDE OXIDOREDUCTASES
(NO) works with both NAD & NADP

acetaldehyde dehydrogenase (acylating)
(RN) EC 1.2.1.10
(RR) 9028-91-5 (CRN)
(SY) acetaldehyde coenzyme A dehydrogenase
(HM) *ALDEHYDE OXIDOREDUCTASES
(NO) catalyzes reversibly the acylation of CoA in the presence of NAD to yield acyl-CoA & NADH

acetaldehyde hydrate see 1,1-ethanediol

acetaldehyde-leucine enkephalin see enkephalin-Leu, acetaldehyde-

acetaldehyde-methionine enkephalin see enkephalin-Met, acetaldehyde-

acetamidase
(RN) EC 3.5.1.-
(SY) acetamide amidohydrolase
(HM) *AMIDOHYDROLASES

acetamide
(RN) 60-35-5
(HM) *ACETAMIDES

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1012-S-acetamide adipic hydrazide Sepharose 4B
(SY) BAAHS
(HM) *BENZODIAZEPINES
(HM) SEPHAROSE/*analogs
(II) LIGANDS
(NO) benzodiazepine immobilized ligand for purification of GABA receptor; structure given in first source

acetamide amidohydrolase see acetamidase

acetamidino-antiarrhythmic peptide see antiarrhythmic peptide

2-acetamido-1-N-(4'-L-aspartyl)-2-deoxy-beta-D-glucopyranosylamine see N-acetylglucosaminylasparagine

3-acetamidobenzamide
(HM) *BENZAMIDES
(PA) NUCLEOTIDYLTRANSFERASES/antag
(NO) inhibitor of ADP-ribosyltransferase

3-acetamidobenzoate sodium salt see 3-acetamidobenzoic acid

p-acetamidobenzoic acid see 4-acetamidobenzoic acid

3-acetamidobenzoic acid
(RN) 587-48-4
(RR) 67011-40-9 (mono-Na salt)
(SY) 3-acetamidobenzoate sodium salt
(HM) *AMINOBENZOIC ACIDS
(NO) RN given refers to parent cpd

4-acetamidobenzoic acid
(RN) 556-08-1
(RR) 29305-16-6 (Na salt)
(SY) acetyl-p-aminobenzoic acid
(SY) p-acetamidobenzoic acid
(SY) para-acetamidobenzoic acid
(HM) *P-AMINOBENZOIC ACID/analogs
(NO) RN given refers to parent cpd

2-acetamido-4-benzoquinone
(SY) APBQ
(HM) *QUINONES
(NO) reactive arylating metabolite of 3-hydroxyacetanilide; structure given in first source

p-acetamidobenzoylglutamate see 4-acetamidobenzoylglutamate

4-acetamidobenzoylglutamate
(RN) 60474-41-1
(SY) ApABGlu
(SY) 4-acetamidobenzoyl-L-glutamate
(SY) p-acetamidobenzoylglutamate
(HM) *P-AMINOBENZOIC ACID/analogs
(NO) folic acid urinary catabolite

4-acetamidobenzoyl-L-glutamate see 4-acetamidobenzoylglutamate

2-acetamido-1-(beta-L-aspartamido)-1,2-dideoxy-beta-D-glucose see N-acetylglucosaminylasparagine

2-acetamido-4-chloromethylthiazole
(RN) 7460-59-5
(SY) 2-acetamido-4-(chloromethyl)thiazole
(HM) *THIAZOLES
(PA) ANTI-INFLAMMATORY AGENTS
(NO) structure

2-acetamido-4-(chloromethyl)thiazole see 2-acetamido-4-chloromethylthiazole

7-acetamidoclonazepam
(RN) 41993-30-0
(SY) 7-AACLZ
(HM) *CLONAZEPAM/analogs

acetamido-CNU
(SY) 1-(2-chloroethyl)-1-nitroso-3-(methylenecarboxamido)urea
(HM) *NITROSOUREA COMPOUNDS
(PA) ANTINEOPLASTIC AGENTS

2-acetamido-2-deoxy-3-O-(beta-D-galactopyranosyl)-beta-D-galactopyranose see beta-D-galactosyl(1-3)-N-acetyl-D-galactosamine

3-O-(2-acetamido-2-deoxy-3-O-beta-galactopyranosyl-beta-glucopyranosyl)-beta-galactopyranoside 4-nitrophenyl ester
(SY) NPADGG ONP
(HM) *TRISACCHARIDES
(NO) synthetic mucin fragment; structure given in first source

2-acetamido-2-deoxy-6-O-beta galactopyranosylgalactopyranose
(SY) ADFF
(SY) 2-acetamido-2-deoxy-6-O-beta-D-galactopyranosyl-D-galactopyranose
(HM) *DISACCHARIDES
(NO) structure given in first source

2-acetamido-2-deoxy-6-O-beta-D-galactopyranosyl-D galactopyranose see 2-acetamido-2-deoxy-6-O-beta galactopyranosylgalactopyranose

2-acetamido-2-deoxy-3-O-(beta-D-galactopyranosyl)-D-galactose see beta-D-galactosyl(1-3)-N-acetyl-D-galactosamine

2-acetamido-2-deoxy-4-O-beta-D-galactopyranosyl-3-O-methyl-D-glucopyranose see N-acetyl-3-O-methyllactosamine

O-2-acetamido-2-deoxy-beta-D-glucopyranosyl-(1-4)-O-2-acetamido-2-deoxy-beta-D-glucopyranosyl-(1-4)-2-acetamido-2-deoxy-D-glucopyranose see N,N',N''-triacetylchitotriose

4-N-2-acetamido-2-deoxy-beta-D-glucopyranosyl-L-asparagine see N-acetylglucosaminylasparagine

4-O-(2-acetamido-2-deoxy-beta-glucopyranosyl)ribitol
(RN) 21150-24-3
(SY) 4-(O-(2-acetamido-2-deoxy-beta-D-glucopyranosyl)-D-ribitol
(SY) 4-ADGR
(HM) *DISACCHARIDES
(II) ANTIGENIC DETERMINANTS
(NO) antigenic determinant of Staph aureus; structure given in first source

4-(O-(2-acetamido-2-deoxy-beta-D-glucopyranosyl)-D-ribitol see 4-O-(2-acetamido-2-deoxy-beta-glucopyranosyl)ribitol

2-acetamido-2-deoxygalacturonamide
(SY) 2-acetamido-2-deoxy-D-galacturonamide
(SY) 2-ACDGA
(HM) *HEXURONIC ACIDS
(NO) sugar constituent of Pseudomonas immunotype 1 antigen; structure given in first source

2-acetamido-2-deoxy-D-galacturonamide see 2-acetamido-2-deoxygalacturonamide

2-(2-acetamido-2-deoxyglucose-3-O-yl)hexanoyl-alanyl-isoglutamine see N-acetylmuramyl-alanyl-isoglutamine 3'-n-propyl ester

3-O-(2-acetamido-4,6-di-O-acetyl-2-deoxy- 3-O-(2,3,4,6-tetra-O-acetyl-beta-galactopyranosyl)-beta-glucopyranosyl)-2,4,6-tri-O-acetyl-alpha-galactopyranosyl bromide
(SY) bromide mucin fragment
(HM) *TRISACCHARIDES
(NO) synthetic mucin fragment; structure given in first source

3-(2-acetamidoethylsulfinyl)-6-(1-hydroxy-1-methylethyl)-7-oxo-1-azabicyclo(3.2.0)hept-2-ene-2-carboxylic acid see carpetimycin C

3-(2-acetamidoethylsulfinyl)-6-(1-hydroxysulfoxyloxy-1-methylethyl)-7-oxo-1-azabicyclo(3.2.0)hept-2-ene-2-carboxylic acid see carpetimycin D

3-(2-acetamidoethyl)thio-6-ethyl-7-oxo-1-azabicyclo(3.2.0)hept-2-ene-2-carboxylic acid see PS-5

acetamidoeugenol
(HM) EUGENOL/*analogs

6-acetamidohexanoic acid see 6-acetylaminocaproic acid

5-acetamido-N-(2- hydroxyethyl)-2,4,6- triiodoisophthalamic acid see ioxitalamic acid

3-acetamido-6-methyl-8-n-propyl-s-triazolo(4,3 alpha) pyrazine see IC1-58301

7-acetamidonitrazepam
(RN) 4928-03-4
(HM) NITRAZEPAM/*analogs
(NO) urinary metabolite of nitrazepam

2-acetamidophenanthrene
(RN) 4120-77-8
(SY) 2-acetylaminophenanthrene
(HM) *PHENANTHRENES
(PA) CARCINOGENS

4-acetamidophenyl 2'-acetoxybiphenyl-2-carboxylate
(SY) 4-APABC
(SY) para-acetamidophenyl 2'-acetoxybiphenyl-2-carboxylate
(HM) *BIPHENYL COMPOUNDS
(PA) ANALGESICS, ANTI-INFLAMMATORY
(NO) structure given in first source

4-acetamido-phenyl-4'-aminophenyl sulfone see monoacetyldapsone

6-(4-acetamidophenyl)-1,2,3,4,4a,10b-hexahydro-8,9-dimethoxy-2-methylbenzo(c)(1,6)-naphthyridine-bis (hydrogen maleate see AH 21-132

2-(p-acetamidophenyloxy)ethyl-o-acetoxybenzoate see eterilate

4'-acetamidophenyl-2-(5'-4-tolyl-1'-methylpyrrole) acetate see AU 8001

2-acetamido-1,3,4,6-tetra-O-acetyl-2-deoxymannopyranose
(RN) 76375-61-6
(SY) Ac4-NAcMan
(HM) *HEXOSAMINES

5-acetamido-2,4,6-triiodo-N-methyl-carbamoylmethylisophthalanic acid see ioglicic acid

acetaminophen-cysteine conjugate
(SY) ACCY conjugate
(HM) *ACETAMINOPHEN
(HM) *CYSTEINE
(NO) metabolite of acetaminophen which interfers in analysis for amino acids

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acetaminophen glucuronide
(RN) 16110-10-4
(HM) ACETAMINOPHEN/*analogs
(NO) acetaminophen metabolite in rats

acetaminophen glutathion see 3-(glutathion-S-yl)acetaminophen

acetaminophen sulfate ester
(RN) 10066-90-7
(RR) 32113-41-0 (mono-K salt)
(SY) N-acetyl-4-aminophenol sulfate
(HM) ACETAMINOPHEN/*analogs
(NO) RN given refers to parent cpd; structure given in first source

2-acetamino-1,3,4-thiadiazole-5-(N-t-butyl)sulfonamide see CI 13850

acetanilide amidohydrolase see acetanilide N-deacetylase

acetanilide N-deacetylase
(RN) EC 3.5.1.-
(RR) 87348-02-5 (CRN)
(SY) acetanilide amidohydrolase
(HM) *AMIDOHYDROLASES

acetanilide hydroxylase
(RN) EC 1.14.14.-
(HM) *ARYL HYDROCARBON HYDROXYLASES

Acetard
(RN) 56333-49-4
(SY) magnyl
(HM) *ASPIRIN
(HM) *MAGNESIUM OXIDE
(HM) DRUG COMBINATIONS
(II) DELAYED-ACTION PREPARATIONS
(NO) contains aspirin & MgO

acetarsol
(RN) 97-44-9
(RR) 64046-96-4 (Ca salt)
(RR) 5892-48-8 (mono-Na salt)
(RR) 55588-51-7 (unspecified Na salt)
(SY) osarsol
(HM) *ARSENICALS
(PA) ANTIPROTOZOAL AGENTS
(NO) RN given refers to parent cpd; structure

acetate-vinylchloride copolymer see vinylchloride-acetate copolymer

acetic acid see acetic acid glacial

acetic acid benzyl ester see benzyl acetate

acetic acid butyl ester see butyl acetate

acetic acid glacial
(RN) 64-19-7
(SY) glacial acetic acid
(SY) acetic acid
(SY) vinegar
(SY) acetic essence
(SY) vinegar essence
(SY) zinc acetate
(SY) sodium acetate
(SY) potassium acetate
(SY) calcium acetate
(SY) nickel acetate
(SY) copper acetate
(HM) *ACETIC ACIDS

1-acetic acid-2-methyl-5-nitroimidazole see 2-methyl-5-nitroimidazol-1-ylacetic acid

acetic anhydride
(RN) 108-24-7
(RR) 25962-31-6 (3H-labeled cpd)
(HM) *ACETIC ANHYDRIDES
(NO) RN given refers to unlabeled cpd; structure

acetic essence see acetic acid glacial

6'-N-acetimidoylamikacin
(HM) AMIKACIN/*analogs
(NO) synthetic antibiotic; structure given in first source

acetinolite see ferroactinolite

acetoacetate see acetoacetic acid

acetoacetate decarboxylase
(RN) EC 4.1.1.4
(HM) *CARBOXY-LYASES

acetoacetate-succinate CoA transferase see 3-ketoacid CoA-transferase

acetoacetic acid
(RN) 541-50-4
(RR) 51938-29-5 (Ca salt)
(RR) 3483-11-2 (Li salt)
(RR) 623-58-5 (Na salt)
(SY) 3-oxobutyric acid
(SY) 3-ketobutyrate
(SY) oxobutyrate
(SY) acetoacetate
(HM) *ACETOACETATES
(II) BUTYRIC ACIDS
(II) BUTYRATES
(NO) RN given refers to parent cpd

acetoacetylated LDL see acetoacetyl-LDL

acetoacetyl CoA
(RN) 1420-36-6
(HM) ACETYL COENZYME A/*analogs

acetoacetyl-CoA deacylase see acetoacetyl-CoA hydrolase

acetoacetyl-CoA hydrolase
(RN) EC 3.1.2.11
(SY) acetoacetyl-CoA deacylase
(HM) *THIOLESTER HYDROLASES

acetoacetyl-CoA reductase
(RN) EC 1.1.1.36
(HM) *ALCOHOL OXIDOREDUCTASES

acetoacetyl-CoA synthetase
(RN) EC 6.2.1.-
(HM) *COENZYME A SYNTHETASES

acetoacetylglutathione hydrolase see hydroxyacylglutathione hydrolase

acetoacetyl-LDL
(SY) acetoacetyl-low density lipoproteins
(SY) acetoacetylated LDL
(SY) AcAc LDL
(HM) *LIPOPROTEINS, LDL

acetoacetyl-low density lipoproteins see acetoacetyl-LDL

acetochlor
(RN) 34256-82-1
(HM) *TOLUIDINES
(PA) HERBICIDES

acetohydroxamic acid
(RN) 546-88-3
(SY) lithostat
(HM) *HYDROXAMIC ACIDS
(NO) urease inhibitor

1-acetohydroxamic acid-3-nitropyrazole see DJW 258

acetoin reductase see butanediol dehydrogenase

acetolactate see alpha-acetolactate

acetol dehydrogenase
(RN) EC 1.1.1.-
(SY) 1-hydroxyacetone dehydrogenase
(HM) *ALCOHOL OXIDOREDUCTASES
(NO) forms methylglyoxal; uses NAD+

acetol monooxygenase see acetone monooxygenase

acetolyt see citric acid

acetomepregenol see mepregenol diacetate

acetone cyanohydrin
(RN) 75-86-5
(RR) 84608-85-5 (14C-labeled cpd)
(HM) *NITRILES
(NO) RN given refers to unlabeled cpd; structure

acetone monooxygenase
(RN) EC 1.14.13.-
(SY) acetol monooxygenase
(HM) *HYDROXYLASES
(II) CYTOCHROME P-450
(NO) converts acetone to acetol & acetol to methylglyoxal

acetone, oxime see acetoxime

acetone phenylhydrazone
(RN) 103-02-6
(HM) ACETONE/*analogs
(HM) *HYDRAZONES
(PA) LIPOXYGENASES/antag

acetonitrile
(RN) 75-05-8
(RR) 71635-16-0 (3H-labeled cpd)
(RR) 7183-56-4 (1-(14)C-labeled cpd)
(HM) *ACETONITRILES
(NO) RN given refers to unlabeled cpd

acetonylacetone bis(phenylhydrazone)
(RN) 1095-15-4
(SY) 2,5-hexanedione-bis(phenylhydrazone)
(HM) *HEXANONES
(HM) *HYDRAZONES
(PA) LIPOXYGENASES/antag

S-acetonyl-CoA see acetonyl-coenzyme A

S-acetonyl CoA see acetonyl-coenzyme A

S-acetonyl-coenzyme A see acetonyl-coenzyme A

acetonyl-coenzyme A
(RN) 75179-85-0
(SY) S-acetonyl CoA
(SY) S-acetonyl-coenzyme A
(SY) S-acetonyl-CoA
(HM) COENZYME A/*analogs
(NO) structure given in first source

S-(acetonyl)glutathione
(HM) GLUTATHIONE/*analogs

8-acetonyloxy-5-(3-(2-(3,4-dimethoxyphenyl)ethylamino)-2-hydroxypropoxy)-3,4-dihydrocarbostyril see bometolol

2-acetonylpiperidine see isopelletierine

aceto-orcein
(HM) *OXAZINES
(II) DYES
(II) STAINS AND STAINING

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acetophenazine
(RN) 2751-68-0
(RR) 5714-00-1 ((Z)-2-maleate [1:2]salt)
(RR) 38878-58-9 (ion(1+))
(HM) *PHENOTHIAZINES
(PA) PHENOTHIAZINE TRANQUILIZERS
(NO) major descriptor (73-85); minor descriptor (64-72); on-line search PHENOTHIAZINES (64-85); Index Medicus search PHENOTHIAZINES (64-72); ACETOPHENAZINE (73-85); RN given refers to parent cpd

acetophenone
(RN) 98-86-2
(HM) *ACETOPHENONES

acetopyrrothine
(RN) 87-11-6
(SY) thiolutin
(HM) PYRROLIDINONES
(PA) ANTIBIOTICS
(PA) ANTIBIOTICS, ANTIFUNGAL
(NO) structure

acetosulfam
(RN) 33665-90-6
(RR) 55589-62-3 (K salt)
(RR) 61334-06-3 (Na salt)
(HM) *THIAZINES
(II) SWEETENING AGENTS
(NO) RN given refers to parent cpd

acetotartaric acid
(SY) aluminum acetotartrate
(HM) *TARTRATES
(NO) linked with contact dermatitis

acetoxime
(RN) 127-06-0
(RR) 58670-85-2 (2-(14)C-labeled cpd)
(SY) acetone, oxime
(HM) *OXIMES
(NO) RN given refers to unlabeled cpd

acetoxolone see acetylglycyrrhetinic acid

N-acetoxy-4-acetamidostilbene see N-acetoxy-4-acetylaminostilbene

1-acetoxy-4-acetoxyimino-1,4-dihydroquinoline
(RN) 18061-48-8
(SY) 1-AAIDQ
(HM) *AMINOQUINOLINES
(PA) CARCINOGENS

5-acetoxy-2-(4-acetoxyphenyl)-1-ethyl-3-methylindole see D 16726

3-(N-acetoxy-N-acetylamino)-4,6-dimethyldipyrido(1,2-a-3',2'-d)imidazole
(SY) N-AcO-A-Glu-P-3
(HM) *IMIDAZOLES
(PA) MUTAGENS

N-acetoxy-N-2-acetylamino-7-iodofluorene
(RN) 43146-76-5
(HM) ACETOXYACETYLAMINOFLUORENE/*analogs
(PA) MUTAGENS

N-acetoxy-4-acetylaminostilbene
(RN) 26594-44-5
(RR) 26488-34-6 ((E)-isomer)
(SY) N-acetoxy-4-acetamidostilbene
(SY) N-acetoxy-N-(4-stilbenyl)acetamide
(HM) *STILBENES
(PA) CARCINOGENS
(NO) carcinogenic electrophile; RN given refers to cpd without isomeric designation; structure given in 2nd source

4-acetoxyaminoquinoline 1-oxide
(RN) 77063-44-6
(SY) O-acetyl-4-hydroxyaminoquinoline 1-oxide
(HM) *AMINOQUINOLINES
(PA) CARCINOGENS
(NO) structure given in first source

4-acetoxyaminoquinoline
(RN) 32654-59-4
(HM) *AMINOQUINOLINES
(PA) CARCINOGENS

4-acetoxy-4-androstene-3,17-dione
(RN) 61630-32-8
(HM) ANDROSTENEDIONE/*analogs
(PA) AROMATASE/antag
(NO) aromatase (estrogen synthetase) inhibitor

N-acetoxy-7-N-butyl-N-2-acetylaminofluorene
(RN) 87005-14-9
(SY) N-AcO-But-AAF
(HM) ACETOXYACETYLAMINOFLUORENE/*analogs

17-acetoxy-6-chloro-16-methylenepregna-4,6-diene-3,20-dione see chlorsuperlutin

acetoxycycloheximide
(RN) 3326-96-3
(HM) CYCLOHEXIMIDE/*analogs
(NO) structure

9-acetoxy-6,8-dimethylergoline see isofumigaclavine A

3-acetoxy-1,11,12-dolabell-4,8,18-trien-16-al
(SY) ADTA
(SY) 3(S)-Ac-1(R),11(S),12(R)-dolabell-4(E),8(E),18-trien-16-ale
(HM) *DITERPENES
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(NO) isolated from Dictyota sp; structure given in first source

1'-acetoxyestragole
(RN) 61691-82-5
(HM) *ANISOLES

1-acetoxy-17-ethinyl-17-hydroxy-18-methyl-4-estren-3-one
(RN) 53020-96-5
(SY) AEHMEO
(HM) NORETHINDRONE/*analogs
(PA) ABORTIFACIENT AGENTS, STEROIDAL

N-acetoxy-7-ethyl-N-2-acetylaminofluorene
(RN) 80382-39-4
(SY) N-AcO-EtAAF
(HM) 2-ACETYLAMINOFLUORENE/*analogs
(PA) CARCINOGENS
(NO) structure given in first source

15-acetoxy-3-hydroxy-3,4-O,O-ethylidene- 12,13-epoxytrichothec-9-ene
(RN) 79320-89-1
(HM) *TRICHOTHECENES
(PA) ANTINEOPLASTIC AGENTS
(NO) RN & structure given in first source; RN not in Chemline 8/85

acetoxymercurianiline see 4-aminophenylmercuriacetate

4-(acetoxymercuri)phenyl azide
(RN) 84332-83-2
(HM) *PHENYLMERCURIC ACETATE/analogs
(II) CROSS-LINKING REAGENTS
(NO) bifunctional protein modification reagent; structure & RN given in first source

17-acetoxy-18-methyl-4-estren-3-one
(RN) 85761-68-8
(SY) AMEO
(HM) NANDROLONE/*analogs
(PA) ABORTIFACIENT AGENTS, STEROIDAL

acetoxymethyl-methyl-nitrosamine see methyl(acetoxymethyl)nitrosamine

acetoxymethyl-methylnitrosamine see methyl(acetoxymethyl)nitrosamine

17-acetoxy-6-methylpregna-4,6-diene-3,20-dione see megestrol acetate

(+-)-1-acetoxy-5,6,6a,7,8,9,10,10a-octahydro-9-hydroxy-6-beta-methyl-3-(5'-phenyl-2'-pentyloxy) phenanthridine hydrochloride see nantradol

3-(p-acetoxyphenyl)-2-phenylpropionate 1 alpha H,5 alpha H-tropan-3-ol see tropodifene

1'-acetoxysafrole
(RN) 34627-78-6
(HM) *SAFROLE/analogs

N-acetoxy-N-(4-stilbenyl)acetamide see N-acetoxy-4-acetylaminostilbene

2-acetoxy-4-trifluoromethylbenzoic acid see triflusal

3-acetoxyxanthine
(RN) 22052-01-3
(HM) *XANTHINES
(PA) CARCINOGENS

aceturic acid
(RN) 543-24-8
(SY) acetylglycinate
(HM) GLYCINE/*analogs
(NO) structure

acetyl acebutolol see diacetolol

1-(O-acetyl-acetohydroxamic acid)-3-nitropyrazole see DJW 77

acetylacetonate-1,5-cyclooctadiene iridium I
(RN) 12154-84-6
(SY) IracacCOD
(HM) *IRIDIUM
(HM) *ORGANOMETALLIC COMPOUNDS
(PA) ANTINEOPLASTIC AGENTS

acetylacetonate-1,5-cyclooctadiene rhodium I
(RN) 12245-39-5
(SY) RhacacCod
(HM) *RHODIUM
(HM) *ORGANOMETALLIC COMPOUNDS
(PA) ANTINEOPLASTIC AGENTS

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acetylacetone
(RN) 123-54-6
(RR) 15435-71-9 (Na salt)
(RR) 19393-11-4 (K salt)
(SY) indium-111-acetylacetone
(HM) *PENTANONES
(II) RADIOISOTOPES
(II) INDIUM
(NO) RN given refers to parent cpd

1-acetyl-3-acetoxy-5',5-diphenylhydantoin
(RN) 56775-94-1
(SY) Ac-DPH
(HM) PHENYTOIN/*analogs

4-O-acetyl-N-acetylneuraminic acid
(RN) 16655-75-7
(HM) *SIALIC ACIDS

8-O-acetyl-N-acetylneuraminic acid
(RN) 18529-64-1
(SY) 8-ANANA
(HM) *SIALIC ACIDS
(NO) RN given refers to (D)-isomer; RN for cpd without isomeric designation not in Chemline 8/85

9-O-acetyl-N-acetylneuraminic acid
(RN) 55717-54-9
(SY) 9-ANANA
(HM) *SIALIC ACIDS

3-acetylaconitine
(RN) 77181-26-1
(HM) ACONITINE/*analogs
(NO) structure in first source

acetyladenosine triphosphate
(SY) acetyl ATP
(HM) ADENOSINE TRIPHOSPHATE/*analogs
(NO) modulates activity of ITPase

N-acetyladriamycin see N-acetyldoxorubicn

N-acetylAG see N-acetylaminoglutethimide

N-acetyl-Ala-Ala-Pro-Ala-chloromethyl ketone see N-acetylalanyl-alanyl-prolyl-alanine chloromethyl ketone

acetylalanine 4-nitroanilide
(RN) 35978-75-7
(SY) AANA
(SY) AcAla-pNA
(HM) ALANINE/*analogs
(NO) RN given refers to (S)-isomer; RN for cpd without isomeric designation not in Chemline 6/85

acetylalanyl-alanyl-alanyl-alanine
(RN) 15483-58-6
(SY) acetyl-L-alanyl-L-alanyl-L-alanyl-L-alanine
(SY) Ac-Ala-Ala-Ala-Ala
(HM) ALANINE/*analogs
(NO) RN given refers to (all-L)-isomer; RN for cpd without isomeric designation not in Chemline 8/2/83

acetyl-L-alanyl-L-alanyl-L-alanyl-L-alanine see acetylalanyl-alanyl-alanyl-alanine

N-acetylalanyl-alanyl-prolyl-alanine chloromethyl ketone
(RN) 38104-40-4
(SY) AAPACK
(SY) N-acetyl-Ala-Ala-Pro-Ala-chloromethyl ketone
(HM) *AMINO ACID CHLOROMETHYL KETONES
(PA) ENZYME INHIBITORS
(NO) diminishes extent of experimental elastase-induced emphysema in hamsters

N-acetyl-1-alanyl-2-4-chlorophenylalanyl-3,6-tryptophan-LHRH see LHRH, N-Ac-Ala(1)-4-Cl-Phe(2)-Trp(3,6)-

O-acetyl-2-alanyl-2-N-methyl-methionine enkephalinamide see metkephamid acetate

2-O-acetyl-3-O-allyl-4-C-benzyl-6-O-tert- butyldiphenylsilylglucopyranosyl chloride
(SY) 2-AABBSG
(HM) *GLUCOSIDES
(II) INDICATORS AND REAGENTS
(NO) glycosyl donor; structure given in first source

N-acetyl-L-alpha-aspartylglutamic acid see N-acetyl-1-aspartylglutamic acid

N-acetyl-alpha-endorphin
(RN) 88264-63-5
(SY) alpha-N-acetyl-alpha-endorphin
(HM) *ENDORPHINS
(NO) endogenous endorphin

N-acetyl-alpha-D-galactosaminidase see alpha-N-acetyl-D-galactosaminidase

N-acetyl-alpha-D-galactosaminyloligosaccharidase
(RN) EC 3.2.1.-
(SY) NAG-oligosaccharidase
(SY) N-acetylgalactosamine oligosaccharidase
(HM) *ALPHA-GALACTOSIDASES
(NO) from Clostridium perfringens; cleaves oligosaccharides larger than disaccharides bound by O-glycosyl linkages to protein

N-acetyl-alpha-MSH see N-acetyl-MSH

acetylaminoantipyrine
(RN) 83-15-8
(HM) AMPYRONE/*analogs

acetyl-p-aminobenzoic acid see 4-acetamidobenzoic acid

4-acetylaminobiphenyl
(RN) 4075-79-0
(HM) *AMINOBIPHENYL COMPOUNDS

6-acetylaminocaproic acid
(RN) 57-08-9
(SY) epsilon-acetylaminocaproic acid
(SY) acexamic acid
(SY) 6-acetamidohexanoic acid
(SY) zinc acexamate
(HM) *6-AMINOCAPROIC ACID/analogs
(PA) ANTIFIBRINOLYTIC AGENTS
(NO) wound-healing agent component of plasmutan

N-(2-acetylamino)-2-deoxy-beta-D-glucopyranosyl)-L-asparagine see N-acetylglucosaminylasparagine

O-acetyl-N-amino-N,N-dimethylaminoethanol
(RN) 85916-80-9
(SY) AcNADE
(HM) CHOLINE/*analogs
(PA) NEUROREGULATORS
(NO) structure given in first source

2-acetylaminofluorene amidohydrolase see 2-acetylaminofluorene N-deacetylase

2-acetylaminofluorene N-deacetylase
(RN) EC 3.5.1.-
(SY) AAF N-deacetylase
(SY) 2-acetylaminofluorene amidohydrolase
(HM) *AMIDOHYDROLASES

2-acetylaminofluorene N-hydroxylase see arylamide N-hydroxylase

3-acetylaminofluorene
(HM) *2-ACETYLAMINOFLUORENE
(II) ISOMERISM

5-acetylamino-6-formylamino-3-methyluracil
(RN) 85438-96-6
(SY) AFMU
(HM) URACIL/*analogs
(NO) metabolite of caffeine

N-acetylaminoglutethimide
(RN) 38473-28-8
(SY) N-acetylAG
(HM) AMINOGLUTETHIMIDE/*analogs
(NO) major metabolite of aminoglutethimide; structure given in first source

N-acetylamino-6-hexanoic acid see plasmenan

acetylaminonitropropoxybenzene see 5'-nitro-2'-propoxyacetanilide

2-acetylaminophenanthrene see 2-acetamidophenanthrene

4-acetylaminophenol-diethylaminoacetate see UP 341,01

N-acetyl-4-aminophenol sulfate see acetaminophen sulfate ester

4-acetylamino-1-phenoxy-2,2,2-trichloroethanol see chloracetadol

N-(3-acetylaminophenyl)piperazine see BEA 1654

5-acetylaminosalicylate see N-acetyl-5-aminosalicylic acid

N-acetyl-5-aminosalicylic acid
(RN) 51-59-2
(SY) 5-acetylaminosalicylate
(HM) *AMINOSALICYLIC ACIDS

cis-4-acetylaminostilbene see 4-acetylaminostilbene

4-acetylaminostilbene
(RN) 18559-97-2
(RR) 841-18-9 ((trans)-isomer)
(SY) trans-4-acetylaminostilbene
(SY) cis-4-acetylaminostilbene
(HM) *STILBENES
(PA) MUTAGENS
(PA) CARCINOGENS
(NO) RN given refers to non-specified isomer

trans-4-acetylaminostilbene see 4-acetylaminostilbene

3,3'-O-(5-(acetylamino)-2,4,6-triiodo-1,3-phenylene) bis-D-glucose see DS 1-132

acetylandromedol see grayanotoxin I

4-acetylanisole
(RN) 100-06-1
(SY) 4-methoxyacetophenone
(HM) *ANISOLES
(NO) structure given in first source

5-(N-acetyl-L-asparaginyloxy)-2-hexyl-3-hydroxy- 7,10-hexadecadienoic lactone see esterastin

N-acetylaspartate
(RN) 997-55-7
(SY) N-acetyl-L-aspartate
(HM) ASPARTIC ACID/*analogs

N-acetyl-L-aspartate see N-acetylaspartate

N-acetylaspartylglutamate see N-acetyl-1-aspartylglutamic acid

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N-acetyl-1-aspartylglutamic acid
(RN) 3106-85-2
(RR) 15273-05-9 ((L)-isomer ion)
(SY) N-acetyl-L-alpha-aspartylglutamic acid
(SY) N-acetylaspartylglutamate
(SY) N-acetyl-1-Asp-Glu
(HM) *DIPEPTIDES
(NO) mediator in the sensitivity of animals to hyperbaric oxygenation; RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 8/1/83

N-acetyl-1-Asp-Glu see N-acetyl-1-aspartylglutamic acid

acetylasulam
(RN) 1773-37-1
(HM) *CARBAMATES
(NO) asulam metabolite; structure given in first source

acetylated LDL receptor see acetyl-LDL receptor

acetylated low density lipoprotein see acetyl-LDL

acetyl ATP see acetyladenosine triphosphate

2-acetylbenzaldehyde
(SY) ortho-acetylbenzaldehyde
(HM) *BENZALDEHYDES
(II) FLUORESCENT DYES
(NO) fluorogenic reagent; structure given in first source

N-acetylbenzidine
(RN) 3366-61-8
(HM) *BENZIDINES

N-acetyl-p-benzoquinoneimine see N-acetyl-4-benzoquinoneimine

N-acetyl-4-benzoquinoneimine
(RN) 50700-49-7
(SY) NABQ
(SY) N-acetyl-p-benzoquinoneimine
(HM) *IMINES
(NO) reactive arylating intermediate from acetaminophen & N-hydroxyacetaminophen; structure given in first source

N-acetyl-beta-endorphin
(RN) 75719-50-5
(SY) alpha-N-acetyl-beta-endorphin
(HM) *ENDORPHINS

N-acetyl-beta-galactosaminidase see beta-N-acetyl-galactosaminidase

N-acetyl-beta-D-glucosaminyl-N-acetylmuramyl-L-alanyl-D-isoglutamine see N-acetyl-beta-glucosaminyl-N-acetylmuramyl-alanylisoglutamine

N-acetyl-beta-glucosaminyl-N-acetylmuramyl-alanylisoglutamine
(RN) 70280-03-4
(SY) acetylglucosaminyl-AMAIG
(SY) N-acetyl-beta-D-glucosaminyl-N-acetylmuramyl dipeptide
(SY) N-acetyl-beta-D-glucosaminyl-N-acetylmuramyl-L-alanyl-D-isoglutamine
(SY) N-acetyl-beta-glucosaminyl-N-AcMu-Ala-iso-Gln
(SY) D-alpha-Glutamine, N2-(N-(2-(acetylamino)-4-O-(2-(acetylamino)-2-deoxy-beta-D-glucopyranosyl)-2-deoxymuramoyl)-L-alanyl)-
(HM) ACETYLMURAMYL-ALANYL-ISOGLUTAMINE/*analogs
(II) ADJUVANTS, IMMUNOLOGIC
(NO) RN given refers to (D)-isomer; RN for cpd without isomeric designation not in Chemline 8/1/83

N-acetyl-beta-D-glucosaminyl-N-acetylmuramyl dipeptide see N-acetyl-beta-glucosaminyl-N-acetylmuramyl-alanylisoglutamine

N-acetyl-beta-glucosaminyl-N-AcMu-Ala-iso-Gln see N-acetyl-beta-glucosaminyl-N-acetylmuramyl-alanylisoglutamine

N-acetyl-beta-D-hexosaminidase see beta-N-acetyl-D-hexosaminidase

acetyl-beta-methylcholine
(RN) 55-92-5
(RR) 37399-52-3 (perchlorate)
(RR) 25126-56-1 (iodide(R)-isomer)
(RR) 24570-52-3 ((S)-isomer)
(RR) 21293-38-9 ((+-)-isomer)
(RR) 2410-07-3 (chloride(+-)-isomer)
(RR) 625-19-4 (iodide)
(RR) 25182-49-4 ((S)-isomer)
(RR) 18314-34-6 ((R)-isomer)
(RR) 333-31-3 (bromide)
(RR) 62-51-1 (chloride)
(RR) 53358-05-7 (iodide(+-)-isomer)
(SY) mecholyl
(SY) betacholyl
(SY) beta-methylacetylcholine
(SY) methacholine
(SY) methacholine chloride
(SY) methacholine bromide
(HM) *METHACHOLINE COMPOUNDS
(NO) RN given refers to parent cpd without isomeric designation

acetyl-beta-naphthyl-Ala(1)-4F-Phe(2)-Trp(3)-Arg(5)-LHRH see LHRH, acetyl-2-(2-naphthyl)-Ala(1)-4-F-Phe(2)-Trp(3)- Arg(6)-

N-acetylbialaphos
(HM) *ORGANOPHOSPHORUS COMPOUNDS
(NO) produced by blocked mutants of Streptomyces hygroscopicus SF-1923; involved in biosynthesis of bialaphos

N-acetylcarnosine
(RN) 56353-15-2
(RR) 78184-95-9 ((DL)-isomer)
(SY) N-acetyl-L-carnosine aluminum
(SY) CL 1700
(HM) *CARNOSINE/analogs
(PA) ANTI-ULCER AGENTS
(NO) RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 8/1/83; structure given in first source

N-acetyl-L-carnosine aluminum see N-acetylcarnosine

acetylcellulose
(RN) 9004-35-7
(SY) cellulose acetate
(HM) CELLULOSE/*analogs
(II) BANDAGES
(II) INDICATORS AND REAGENTS
(NO) coating compound

N-acetylchiotriose see N,N',N''-triacetylchitotriose

N-acetyl-S-(2-(4-chlorophenoxy)-2-methylthiopropionyl) cysteine see clofibrate mercapturate

N-acetyl-1,2-4-chlorophenylalanyl-3-tryptophanyl-6-arginyl-10-alaninamide-LHRH see LHRH, N-Ac-4-Cl-Phe(1,2)-Trp(3)-Arg(6)-AlaNH(2)(10)-

N-acetyl-1,2-(4-chlorophenylalanyl)-3-tryptophanyl-6-arginyl-10-alanine-LHRH see ORG 30276

N-acetyl-1,2-4-chlorophenylalanyl-3-tryptophanyl-6-phenylalanyl-10-alaninamide-LHRH see LHRH, N-Ac-4-Cl-Phe(1,2)-Trp(3)-Phe(6)-AlaNH(2)(10)-

N-acetyl-S-(3-chloroprop-2-enyl)cysteine
(SY) ACPEC
(HM) ACETYLCYSTEINE/*analogs
(NO) conjugate of acetylcysteine with 1,3-dichloropropene

acetylcholine mustard
(RN) 36375-30-1
(SY) methyl-2-acetoxyethyl-2'-chloroethylamine
(HM) ACETYLCHOLINE/*analogs
(PA) PARASYMPATHOMIMETICS
(PA) GANGLIONIC STIMULANTS
(NO) structure

acetyl-CoA-1-alkyl-2-lyso-sn-glycero-3-phosphocholine acetyltransferase
(RN) EC 2.3.1.-
(SY) ACOPC acetyltransferase
(SY) 1-alkyl-2-lyso-sn-glycero-3-phosphocholine-acetyl CoA acetyltransferase
(HM) *ACETYLTRANSFERASES
(NO) transfers acetate from acetyl CoA to the sn-2-position of 1-alkyl-2-lyso-glycerophosphocholine

acetyl-CoA-alpha-glucosaminide N-acetyltransferase see glucosamine acetyltransferase

acetyl CoA carboxykinase see acetyl CoA carboxylase kinase

acetyl CoA carboxylase kinase
(RN) EC 2.7.1.-
(SY) acetyl CoA carboxykinase
(SY) acetyl CoA carboxylase kinase B1
(SY) acetyl CoA carboxylase kinase A
(SY) acetyl CoA carboxylase kinase B2
(HM) *PROTEIN KINASES
(NO) cyclic AMP independent protein kinase

acetyl CoA carboxylase kinase A see acetyl CoA carboxylase kinase

acetyl CoA carboxylase kinase B1 see acetyl CoA carboxylase kinase

acetyl CoA carboxylase kinase B2 see acetyl CoA carboxylase kinase

acetyl CoA carboxylase phosphatase
(RN) EC 3.1.3.-
(SY) ACC-phosphatase
(HM) *PHOSPHOPROTEIN PHOSPHATASES
(NO) phosphatase occurs in complex with the carboxylase

acetyl CoA glutamate N-acetyltransferase see amino-acid acetyltransferase

acetyl-CoA-kanamycin N(6')-acetyltransferase see kanamycin 6'-acetyltransferase

acetyl-CoA transacylase see (acyl-carrier-protein) acetyltransferase

acetyl coenzyme A-acyl carrier protein transacylase see (acyl-carrier-protein) acetyltransferase

N-acetylcyanamide
(RN) 5634-51-5
(HM) CYANAMIDE/*analogs
(NO) major urinary metabolite of cyanamide; structure given in first source

acetyl-S-(4-cyanoanilinomethyl)cysteine
(SY) ACAMC
(HM) CYSTEINE/*analogs
(NO) metabolite of 4-cyano-N,N-dimethylaniline; structure given in first source

N-acetyl-S-(2-cyanoethyl)cysteine
(RN) 74514-75-3
(SY) NASCS
(HM) ACETYLCYSTEINE/*analogs
(NO) major urinary metabolite of acrylonitrile; structure in first source

3-acetylcyclofoxy see 3-acetyl-6-deoxy-6-fluoronaltrexone

N-acetylcystine see N-monoacetylcystine

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acetyldapsone see monoacetyldapsone

N-acetyldaunomycin
(RN) 32385-10-7
(SY) N-acetyldaunorubicin
(HM) DAUNORUBICIN/*analogs

N-acetyldaunorubicin see N-acetyldaunomycin

N-acetyldeferrioxamine B
(SY) acetyl-DF
(HM) DEFEROXAMINE/*analogs
(II) CHELATING AGENTS
(NO) structure given in first source

acetyl-1-dehydroprolyl-2-4-chlorophenylalanyl-3,6-tryptophan-LHRH see LHRH, Ac-dehydro-Pro(1)-4-Cl-Phe(2)-Trp(3,6)-

(acetyl-dehydro-1-prolyl-p-Cl-phenylalanyl-3,6-tryptophyl))-N-(alpha)-methyl-7-leucine-GnRH see GnRH, (Ac-dehydro-Pro(1)-4-Cl-Phe(2)-Trp(3,6))-N-(alpha)-MeLeu(7)-

acetyl-1-dehydroprolyl-2-(4-fluorophenylalanyl)-3,6-tryptophan-LHRH see LHRH, Ac-dehydro-Pro(1)-4-F-Phe(2)-Trp(3,6)-

acetyl-delta(2)-prolyl(1)-4-fluoro-D-phenylalanyl(2)-tryptophanyl(3,6)-GNRH see LHRH, Ac-dehydro-Pro(1)-4-F-Phe(2)-Trp(3,6)-

acetyl-delta(3)-1-prolyl-2-para-fluorophenylalanyl-3-tryptophanyl-6-lysyl-LHRH see LHRH, Ac-delta(3)-Pro(1)-4-F-Phe(2)-Trp(3)-Lys(6)-

N-acetyl-demethylmuramyl-alanyl-isoglutamine
(RN) 60355-77-3
(SY) DM-MDP
(SY) N-acetyl-demethylmuramyl-L-alanyl-D-isoglutamine
(HM) ACETYLMURAMYL-ALANYL-ISOGLUTAMINE/*analogs

N-acetyl-demethylmuramyl-L-alanyl-D-isoglutamine see N-acetyl-demethylmuramyl-alanyl-isoglutamine

N-acetyldemethylphosphinothricin
(SY) N-ADPT
(HM) *ORGANOPHOSPHORUS COMPOUNDS
(HM) *AMINOBUTYRIC ACIDS
(NO) produced by blocked mutants of Streptomyces hygroscopicus SF-1921 involved in biosynthesis of bialaphos

3-acetyl-6-deoxy-6-fluoronaltrexone
(SY) 3-acetylcyclofoxy
(HM) NALTREXONE/*analogs
(NO) probe for visualization of opiate receptors in living animals; used with (18)F; structure given in first source

acetyldeoxynivalenol
(RN) 54648-10-1
(HM) *TRICHOTHECENES
(II) MYCOTOXINS

3-acetyldeoxynivalenol
(RN) 50722-38-8
(SY) acetylDON
(HM) *TRICHOTHECENES

acetyl-DF see N-acetyldeferrioxamine B

4-O-acetyl-3,6-di-O-benzyl-2-deoxy-2-phthalimido-alpha,beta-glucopyranosyl chloride
(SY) ABDPGC
(HM) *AMINOGLYCOSIDES
(NO) structure given in first source

acetyldichlorobenzidine see 3,3-dichloro-N-acetylbenzidine

2-acetyl-2,3-didehydro-2-deoxyneuraminic acid see 2-deoxy-2,3-dehydro-N-acetylneuraminic acid

acetyl-N,N-diethylhomocholine
(RN) 93245-80-8
(SY) ADEHCH
(HM) ACETYLCHOLINE/*analogs
(NO) RN given refers to iodide; RN for parent cpd not in Chemline 7/85

3-acetyl-1,8-dihydroxy-2-methyl-9,10- phenanthrenequinone see haloquinone

3'-acetyl-3,5-diiodothyronine
(SY) 3'-Ac-T2
(SY) 3'-acetyl-3,5-diiodo-L-thyronine
(HM) *THYRONINES
(NO) structure given in first source

3'-acetyl-3,5-diiodo-L-thyronine see 3'-acetyl-3,5-diiodothyronine

acetyl-2,6-dimethyl-p-benzoquinoneimine see acetyl-2,6-dimethyl-4-benzoquinone imine

acetyl-2,6-dimethyl-4-benzoquinone imine
(RN) 74827-88-6
(SY) acetyl-2,6-dimethyl-p-benzoquinoneimine
(SY) NA-2,6-BQI
(HM) *IMINES
(HM) *QUINONES
(NO) reduction with GSH gives 3-(glutathion-S-yl)-2,6-dimethylacetaminophen; structure given in first source

acetyl-3,5-dimethyl-p-benzoquinoneimine see N-acetyl-3,5-dimethyl-4-benzoquinone imine

N-acetyl-3,5-dimethyl-4-benzoquinone imine
(RN) 74827-85-3
(SY) acetyl-3,5-dimethyl-p-benzoquinoneimine
(SY) NA-3,5-BQI
(HM) *IMINES
(HM) *QUINONES
(NO) reduction with GSH gives 3,5-dimethylacetaminophen; structure given in first source; also formed by oxidation of 3,5-dimethylacetaminophen with horseradish peroxidase

3-acetyl-2-(2,6-dimethyl-5-heptenyl)oxazolidine see AI 3-28963

acetyldipeptide A2
(RN) 82326-25-8
(RR) 81645-13-8 (methyl sulfate)
(HM) *THIAZOLES
(NO) part of bleomycin A2 molecule: RN given refers to acetate; RN for parent cpd not in Chemline 11/30/83; structure given in first source

acetyldipeptide B2
(RN) 88169-58-8
(HM) *THIAZOLES
(NO) part of bleomycin B2 molecule; structure given in first source

acetylDON see 3-acetyldeoxynivalenol

N-acetyldopamine
(RN) 2494-12-4
(HM) DOPAMINE/*analogs

N-acetyldoxorubicn
(RN) 69299-74-7
(RR) 73068-97-0 (HCl(8S-cis))
(SY) N-acetyladriamycin
(HM) DOXORUBICIN/*analogs
(NO) RN given refers to parent cpd (8S-cis)-isomer; RN for cpd without isomeric designation not in Chemline 2/85

3-acetylecdysone-2-phosphate
(RN) 88847-76-1
(SY) 3-AEDP
(HM) ECDYSONE/*analogs
(NO) metabolite of ecdysone from developing eggs of Schistocerca gregaria

acetylenedicarboxylic acid see 2-butynedioic acid

acetylenic carbamate
(RN) 10087-89-5
(SY) NSC-112682
(HM) *CARBAMATES
(PA) ANTINEOPLASTIC AGENTS
(NO) structure

acetylethyleneimine
(RN) 460-07-1
(HM) *AZIRINES

acetylethyltetramethyltetralin see versalide

acetyl ethyl tetramethyl tetralin see versalide

acetyl ethyltetramethyltetralin see versalide

N-acetyl-1-4-fluorophenylalanyl-2-4-chlorophenylalanyl-3,6-tryptophanyl-10-alaninamide see LHRH, N-Ac-4-F-Phe(1)-4-Cl-Phe(2)-Trp(3,6)-AlaNH(2) (10)-

N-acetyl-N-formyl-5-methoxykynurenamine
(RN) 52450-38-1
(SY) AFMK
(HM) *KYNURAMINE/analogs
(NO) metabolite of melatonin; structure in first source

2-acetylfuran
(RN) 1192-62-7
(RR) 25154-45-4 (cpd with unspecified furanyl locants)
(HM) *FURANS

acetylfuratrizine
(RN) 1789-26-0
(SY) panfuran acetate
(HM) *NITROFURANS
(PA) ANTIFUNGAL AGENTS
(NO) structure

N-acetylgalactosamine oligosaccharidase see N-acetyl-alpha-D-galactosaminyloligosaccharidase

N-acetylgalactosaminitol
(RN) 10486-91-6
(HM) ACETYLGALACTOSAMINE/*analogs

N-acetylgalactosaminoglycan deacetylase
(RN) EC 3.5.1.-
(SY) N-acetyl GG deacetylase
(HM) *AMIDOHYDROLASES

acetylgalactosaminyl-1-4-galactosyl-1-4-glucosyl-1-1-ceramide see ganglio-N-triaosylceramide

N-acetylgalactosaminyl-(1-4)-glucose
(SY) N-AcGln-1,4-Glu
(HM) *DISACCHARIDES
(NO) RN given refers to (beta-D)-isomer; RN for cpd without isomeric designation not in Chemline 10/84

acetylgalactosaminyl-O-glycosyl-glycoprotein beta-1,3-N-acetylglucosaminyltransferase
(RN) EC 2.4.1.147
(SY) UDP-GlcNAc-GalNAc-R beta 3-acetylglucosaminyltransferase
(HM) *GLUCOSYLTRANSFERASES
(NO) forms oligosaccharide core class 3 (GlcNAc beta 1-3GalNAc) in mucins & various glycoproteins

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N-acetylgalactosaminyltransferase see UDPgalactosamine-galactose acetylgalactosaminyltransferase

N-acetyl-gamma-endorphin
(RN) 86741-97-1
(SY) N(alpha)-acetyl-gamma-endorphin
(SY) NAG-endorphin
(HM) *ENDORPHINS
(NO) non-opioid peptide

acetyl-gamma-glutamyl-phosphate reductase
(RN) EC 1.2.1.38
(SY) N-acetylglutamic gamma-semialdehyde dehydrogenase
(SY) acetylglutamyl-phosphate reductase
(HM) *ALDEHYDE OXIDOREDUCTASES

N-acetyl GG deacetylase see N-acetylgalactosaminoglycan deacetylase

16-acetylgitoxin
(RN) 7242-07-1
(SY) 16-acetyl-gitoxin
(HM) *ACETYLDIGOXINS
(NO) main cardioactive metabolite of penta-acetylgitoxin

16-acetyl-gitoxin see 16-acetylgitoxin

N-acetylglucosamine 2-epimerase see acylglucosamine 2-epimerase

N-acetylglucosamine hexasaccharide 1-4
(RN) 13319-33-0
(RR) 38854-46-5 (duplicate RN)
(SY) (GlcNAc)6 (1-4)
(HM) *OLIGOSACCHARIDES
(NO) binds to lysozyme; RN given refers to (beta D-isomer); RN for cpd without isomeric designation not in Chemline 6/84

N-acetyl-D-glucosamine kinase
(RN) EC 2.7.1.59
(HM) *PHOSPHOTRANSFERASES, ATP

N-acetylglucosamine-6-phosphate deacetylase
(RN) EC 3.5.1.25
(HM) *AMIDOHYDROLASES

N-acetylglucosamine-1-phosphate transferase see UDPacetylglucosamine-dolichyl-phosphate acetylglucosamine- 1-phosphate transferase

N-acetylglucosamine-1-phosphate
(RN) 6866-69-9
(HM) *ACETYLGLUCOSAMINE/analogs
(NO) found in proteinase I from Dictyostelium discoideum

N-acetylglucosamine-6-sulfate sulfatase
(RN) EC 3.1.6.-
(SY) NAGSS
(SY) NAGSase
(HM) *SULFATASES

N-acetylglucosamine-6-sulfate
(RN) 10356-99-7
(SY) AGA-6-S
(HM) ACETYLGLUCOSAMINE/*analogs

N-acetylglucosamine trimer
(RN) 30664-10-9
(SY) (NAG)3
(HM) *TRISACCHARIDES
(NO) RN given refers to D-isomer; RN for cpd without isomeric designation not in Chemline 2/85

N-acetylglucosaminide alpha 1-4 fucosyltransferase see N-acetylglucosaminide alpha 1-4-fucosyltransferase

N-acetylglucosaminide alpha 1-4-fucosyltransferase
(RN) EC 2.4.1.-
(SY) GNAC-4-fucosyltransferase
(SY) Lewis blood group enzyme
(SY) GDPfucose-2-acetamido-2-deoxy-beta-D-glucopyranoside(1-4)alpha-L-fucosyltransferase
(SY) N-acetylglucosaminide alpha 1-4 fucosyltransferase
(HM) *FUCOSYLTRANSFERASES

acetylglucosaminyl(1-3) acetylgalactosamine
(SY) GlcNAc(i-3)GalNAc
(HM) *DISACCHARIDES

N-acetylglucosaminyl-N-acetylmuramyl-L-alanyl-D-isoglutaminyl-meso-diaminopimelic acid-D-alanyl-D- alanine see peptidoglycan monomer

N-acetylglucosaminyl-N-AcMu-Ala-iso-Gln-meso-diaminopimelic acid-Ala-Ala see peptidoglycan monomer

acetylglucosaminyl-AMAIG see N-acetyl-beta-glucosaminyl-N-acetylmuramyl-alanylisoglutamine

acetylglucosaminylasparagine see N-acetylglucosaminylasparagine

N-acetylglucosaminylasparagine
(RN) 2776-93-4
(SY) AADG
(SY) aspartylglucosylamine
(SY) aspartylglycosamine
(SY) acetylglucosaminylasparagine
(SY) 4-N-2-acetamido-2-deoxy-beta-D-glucopyranosyl-L-asparagine
(SY) N-(2-acetylamino)-2-deoxy-beta-D-glucopyranosyl) -L-asparagine
(SY) 2-acetamido-1-N-(4'-L-aspartyl)-2-deoxy-beta-D-glucopyranosylamine
(SY) 2-acetamido-1-(beta-L-aspartamido)-1,2-dideoxy-beta-D-glucose
(SY) asparaginylglucosamine
(SY) aspartylglucosamine
(HM) ACETYLGLUCOSAMINE/*analogs
(NO) RN given refers to parent cpd; presence in urine characteristic of aspartylglucosaminuria; structure

N-acetylglucosaminylglucuronic acid-N-acetylglucosamine
(RN) 89846-13-9
(SY) AGGAG
(HM) *TRISACCHARIDES
(NO) substrate for beta-N-acetylhexosaminidase

N-acetylglucosaminylphosphotransferase see UDP-N-acetylglucosamine-lysosomal glycoprotein N-acetylglucosaminylphosphotransferase

N-acetylglucosaminylpyrophosphoryldolichol
(RN) 56938-89-7
(SY) dolichol diphosphate N-acetylglucosamine
(SY) dolichol pyrophosphate N-acetylglucosamine
(SY) dolichyl diphosphate N-acetylglucosamine
(HM) *POLYISOPRENYL PHOSPHATE MONOSACCHARIDES

N-acetylglucosaminyltransferase
(RN) EC 2.4.1.-
(HM) *GLUCOSYLTRANSFERASES

N-acetylglutamate
(RN) 1188-37-0
(RR) 5817-08-3 (tCSI)-isomer)
(RR) 19146-55-5 ((D)-isomer)
(RR) 17239-08-6 (unspecified Na salt(L)-isomer)
(RR) 59272-82-1 (di-Na salt(L)-isomer)
(RR) 6734-78-8 (K salt(L)-isomer)
(RR) 6734-77-7 (Mg salt(L)-isomer)
(RR) 67347-76-6 (Ca salt(L)-isomer)
(RR) 58456-85-2 (di-K salt(L)-isomer)
(RR) 31641-88-0 (Ca[1:1] salt(L)-isomer)
(RR) 20640-61-3 (mono-Na salt(L)-isomer)
(SY) N-acetylglutamic acid
(SY) sodium N-acetylglutamate
(HM) *GLUTAMATES
(NO) RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 8/1/83

N-acetylglutamate carbamoylphosphate synthetase see carbamoyl-phosphate synthetase (N-acetylglutamate)

N-acetylglutamate CP synthase see carbamoyl-phosphate synthetase (N-acetylglutamate)

N-acetylglutamate deacetylase see N-acetylglutamate deacylase

N-acetylglutamate deacylase
(RN) EC 3.5.1.-
(SY) N-acetylglutamate deacetylase
(HM) *AMIDOHYDROLASES

acetylglutamate kinase
(RN) EC 2.7.2.8
(RR) 9027-58-1 (CRN)
(SY) N-acetylglutamate S-phosphotransferase
(HM) *PHOSPHOTRANSFERASES, ATP

acetylglutamate 4-nitroanilide
(RN) 41149-12-6
(RR) 41149-11-5 ((S)-isomer)
(SY) AGNA
(SY) AcGlu-pNA
(HM) *GLUTAMATES
(NO) RN given refers to (R)-isomer; RN for cpd without isomeric designation not in Chemline 6/85

N-acetylglutamate S-phosphotransferase see acetylglutamate kinase

N-acetylglutamate synthetase see amino-acid acetyltransferase

N-acetylglutamic acid see N-acetylglutamate

N-acetylglutamic acid-N-(N(2)-(5-n-butyl-2-pyridyl) hydrazide) see CGP 22979A

N-acetylglutamic gamma-semialdehyde dehydrogenase see acetyl-gamma-glutamyl-phosphate reductase

N-acetyl-L-glutamine aluminum complex see KW-110

acetyl-13-glutamyl-22-glutamyl methylamide-beta endorphin see beta-endorphin (13-22), Ac-Glu(13)-Glu(22) methylamide-

acetylglutamyl-leucyl-valyl-threonyl-leucyl-phenylalanyl-lysyl-asparaginyl-alanyl-glutamine methylamide see beta-endorphin (13-22), Ac-Glu(13)-Glu(22) methylamide-

acetylglutamyl-phosphate reductase see acetyl-gamma-glutamyl-phosphate reductase

N-acetyl-S-glyceroylcysteine
(SY) NASGC
(HM) ACETYLCYSTEINE/*analogs

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acetyl glyceryl ether phosphorylethanolamine
(SY) AGEPE
(SY) 1-O-alkyl-2-acetyl-sn-glyceryl-3-phosphorylethanolamine
(HM) *PHOSPHATIDYLETHANOLAMINES

acetylglycinate see aceturic acid

N-acetylglycyladenylate anhydride
(RN) 41093-67-8
(SY) Ac-Gly-AMP
(HM) ADENOSINE MONOPHOSPHATE/*analogs

N-acetylglycylglycine
(RN) 5687-48-9
(SY) N-Ac-Gly-Gly
(HM) *DIPEPTIDES

N-acetylglycyl-histidyl-glycine
(RN) 3654-95-3
(SY) N-acetyl-Gly-His-Gly
(HM) *OLIGOPEPTIDES

acetylglycyrrhetate see acetylglycyrrhetinic acid

acetylglycyrrhetinic acid
(RN) 6277-14-1
(RR) 18305-96-9 ((3beta,18alpha,20beta)-isomer)
(RR) 29728-34-5 (Al salt)
(SY) acetylglycyrrhetate
(SY) acetoxolone
(HM) GLYCYRRHETINIC ACID/*analogs
(NO) RN given refers to (3beta,20beta)-isomer; RN for cpd without isomeric designation not in Chemline 8/1/83

N-acetyl-Gly-His-Gly see N-acetylglycyl-histidyl-glycine

N-acetylheparosan deacetylase
(RN) EC 3.5.1.-
(HM) *AMIDOHYDROLASES

acetylhistamine
(RN) 673-49-4
(HM) HISTAMINE/*analogs

acetylhomocholine
(RN) 10172-82-4
(RR) 3089-84-7 (iodide)
(RR) 14485-73-5 (bromide)
(HM) ACETYLCHOLINE/*analogs
(II) NEUROREGULATORS
(NO) RN given refers to parent cpd

N-acetylhomocysteine thiolactone see citiolone

6-acetylhomopterin see 2-amino-4-oxo-6-acetyl-7,8-dihydro-3H,9H-pyrimidodiazepine

O-acetylhomoserine sulfhydrylase see O-acetylhomoserine (thiol)-lyase

acetylhomoserine sulfhydrylase see O-acetylhomoserine (thiol)-lyase

O-acetyl-L-homoserine sulfhydrylase see O-acetylhomoserine (thiol)-lyase

O-acetylhomoserine (thiol)-lyase
(RN) EC 4.2.99.10
(RR) 37290-90-7 (CRN)
(SY) acetylhomoserine sulfhydrylase
(SY) homocysteine synthase
(SY) OAH sulfhydrylase
(SY) O-acetylhomoserine sulfhydrylase
(SY) O-acetyl-L-homoserine sulfhydrylase
(HM) *LYASES
(NO) with hydrogen sulfide, forms homocysteine

N-acetylhomotaurine
(RN) 77337-76-9
(RR) 77337-75-8 (Zn[2:1] salt)
(RR) 77337-74-7 (Mg[2:1] salt)
(RR) 77337-73-6 (Ca[2:1] salt)
(RR) 77337-72-5 (mono-Li salt)
(RR) 77337-70-3 (mono-Na salt)
(RR) 77337-71-4 (mono-K salt)
(SY) AOTA
(SY) sodium acetylhomotaurine
(SY) calcium acetylhomotaurine
(HM) TAURINE/*analogs
(NO) reduces voluntary ethanol intake by rats

acetylhydrazine
(RN) 1068-57-1
(HM) *HYDRAZINES
(PA) CARCINOGENS
(NO) metbolite of isoniazid in animals & humans

3-N-acetylhydroxyamino-4,6-dimethyldipyrido(1,2-a-3',2'-d)imidazole
(SY) N-OH-A-Glu-P3
(HM) *IMIDAZOLES
(HM) *PYRIDINES
(PA) MUTAGENS

O-acetyl-4-hydroxyaminoquinoline 1-oxide see 4-acetoxyaminoquinoline 1-oxide

2-acetyl-7-(2-hydroxy-3-isopropylamino) propoxybenzofuran see befunolol

N-acetylhydroxyproline see jonctum

3-(7-(3-(4-acetyl-3-hydroxy-2-propylphenoxy)propyloxy)-4-oxo-8-propyl-4H-1-benzopyran)-2-propionic acid see FPL 59257

N-4-acetyl-4-hydroxysulfamerazine
(SY) N-4-AHSA
(HM) SULFAMERAZINE/*analogs
(NO) metabolite of sulfamerazine; structure given in first source

O-acetyl-5-hydroxytryptophol
(RN) 85416-57-5
(SY) A-5-HT
(HM) *HYDROXYTRYPTOPHOL/analogs
(NO) GABA metabolite in rat pineal gland

acetyl hypofluorite
(RN) 78948-09-1
(HM) *ACETIC ACIDS
(HM) *FLUORINE
(II) RADIOISOTOPES
(II) INDICATORS AND REAGENTS
(NO) selective fluorinating agent; used with 18F for synthesis of 2-(18F)fluorodeoxy-D-glucose; structure given in first source

N-acetylimidazole
(RN) 2466-76-4
(HM) *IMIDAZOLES
(II) SULFHYDRYL REAGENTS

acetylisoniazid
(RN) 1078-38-2
(HM) ISONIAZID/*analogs
(NO) biologically inactive metabolite of isoniazid

N-acetylisopenicillin
(RN) 84713-89-3
(HM) *PENICILLINS
(NO) from Streptomyces tokunonensis; structure given in first source

N-acetyllactosamine
(RN) 32181-59-2
(HM) *AMINO SUGARS

N-acetyllactosamine alpha-D-galactosyltransferase
(RN) EC 2.4.1.124
(SY) UDP-Gal-N-acetyllactosaminide alpha-1,3-galactosyltransferase
(HM) *GALACTOSYLTRANSFERASES
(NO) transfers galactose to asialo-alpha 1-acid glycoprotein & N-acetyllactosamine

N-acetyllactosamine-beta-1,3-N-acetylglucosamiayltransferase see N-acetyllactosaminide beta-1,3-N- acetylglucosaminyltransferase

N-acetyllactosaminide beta-1,3-N-acetylglucosaminyltransferase
(RN) EC 2.4.1.149
(SY) N-acetyllactosamine-beta-1,3-N-acetylglucosaminyltransferase
(SY) N-ALAAGAT
(HM) *GLUCOSYLTRANSFERASES

acetyllactoylcholine-1,5-naphthalenedisulfonate see TM 723

N-acetyl-S-lactoylcysteine
(RN) 83053-71-8
(SY) NASLC
(HM) ACETYLCYSTEINE/*analogs

acetyl-LDL
(SY) acetyl-low density lipoproteins
(SY) acetylated low density lipoprotein
(HM) *LIPOPROTEINS, LDL

acetyl-LDL receptor
(SY) acetylated LDL receptor
(SY) receptor, acetyl-LDL
(SY) acetyl-LDL receptors
(HM) *RECEPTORS, LDL
(II) LIPOPROTEINS, LDL

acetyl-LDL receptors see acetyl-LDL receptor

N-acetylleucylargininal
(SY) N-acetyl-L-leucyl-L-argininal
(HM) *DIPEPTIDES
(PA) DIPEPTIDYL PEPTIDASES/antag

N-acetyl-L-leucyl-L-argininal see N-acetylleucylargininal

acetyl-L-leucyl-L-leucyl-L-arginal see leupeptin

acetyl-LHRH(5-10) see LHRH(5-10), Ac-

acetyl-low density lipoproteins see acetyl-LDL

N-acetyllysyl-arginyl-tyrosyl-asparaginyl-leucinamide
(SY) N-Ac-Lys-Arg-Tyr-Asn-Leu-amide
(SY) ALATAL
(HM) *OLIGOPEPTIDES
(NO) substrate for proteases

N-acetyllysyl-arginyl-tyrosyl-asparaginyl-leucyl-threonyl-seryl-valinamide
(SY)
N-Ac-Lys-Arg-Tyr-Asn-Leu-Thr-Ser-Val-amide
(SY) ALATALTSV
(HM) *OLIGOPEPTIDES
(NO) substrate for proteases

N-acetylmannosamine
(RN) 4773-29-9
(RR) 3615-17-6 ((D)-isomer)
(RR) 6813-82-7 ((L)-isomer)
(SY) N-acetyl-D-mannosamine
(HM) *HEXOSAMINES
(NO) RN given refers to cpd without isomeric designation

N-acetyl-D-mannosamine see N-acetylmannosamine

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N-acetylmannosaminuronic acid
(RN) 57496-35-2
(SY) ManNAcUA
(HM) *URONIC ACIDS

N-acetylmethionine
(RN) 65-82-7
(SY) hepsan
(HM) METHIONINE/*analogs

N-acetylmethionine alpha-naphthyl ester
(RN) 69975-69-5
(SY) N-acetyl-L-methionine alpha-naphthyl ester
(HM) METHIONINE/*analogs
(NO) RN given refers to (L)-isomer

N-acetyl-L-methionine alpha-naphthyl ester see N-acetylmethionine alpha-naphthyl ester

O-acetyl-5-methoxytryptophenol
(RN) 6127-51-1
(SY) O-acetyl-5-methoxytryptophol
(HM) *INDOLES
(NO) synthesized in the pineal gland; structure given in first source

O-acetyl-5-methoxytryptophol see O-acetyl-5-methoxytryptophenol

6-acetyl-7-methyl-7,8-dihydropterin
(SY) AMDHPT
(HM) *PTERINS
(NO) structure given in first source

6-acetylmethylenepenicillanic acid see Ro 15-1903

1-acetyl-2-methyl-2-formylhydrazine
(RN) 80045-65-4
(SY) Ac-MFH
(HM) *METHYLHYDRAZINES
(NO) structure in first source

2,3-(1-acetyl-2-methyl-2-imidazolino-5,4)-2,3-dideoxymannuronic acid
(RN) 82975-15-3
(SY) 2,3-AID-mannuronic acid
(HM) *URONIC ACIDS
(NO) from Pseudomonas aeruginosa lipopolysaccharide

N-acetyl-3-O-methyllactosamine benzyl-alpha glycoside
(SY) Ac-MeLac-Benz-Gly
(HM) *AMINO SUGARS
(NO) structure given in first source

N-acetyl-3-O-methyllactosamine
(SY)
2-acetamido-2-deoxy-4-O-beta-D-galactopyranosyl-3-O-methyl-D-glucopyranose
(SY) Ac-MeLac
(HM) *AMINO SUGARS
(NO) structure given in first source

6-acetylmorphine see 6-O-monoacetylmorphine

6-(O-acetyl)morphine see 6-O-monoacetylmorphine

N-acetyl-MSH
(RN) 37213-49-3
(SY) N-acetyl-alpha-MSH
(HM) MSH/*analogs

acetylmuramic acid
(RN) 1856-93-5
(SY) N-acetylmuramic acid
(HM) *MURAMIC ACIDS

N-acetylmuramic acid see acetylmuramic acid

M-1 N-acetylmuramidase see endo-N-acetylmuramidase

N-acetylmuramyl-L-alanyl-D-glutamine-n-butyl ester see N-acetylmuramyl-alanylglutamine-n-butyl ester

N-acetylmuramyl-alanylglutamine-n-butyl ester
(RN) 74817-61-1
(SY) AMAIG-BE
(SY) muramyl dipeptide butyl ester
(SY) N-AcMu-Ala-Gln-n-butyl ester
(SY) N-acetylmuramyl-L-alanyl-D-glutamine-n-butyl ester
(SY) murabutide
(HM) ACETYLMURAMYL-ALANYL-ISOGLUTAMINE/*analogs
(II) ADJUVANTS, IMMUNOLOGIC
(NO) adjuvant devoid of pyrogenicity

N-acetylmuramyl-alanylglutamine methyl ester
(RN) 79787-27-2
(RR) 60355-78-4 ((D-alpha)-isomer)
(SY) murametide
(HM) ACETYLMURAMYL-ALANYL-ISOGLUTAMINE/*analogs
(II) ADJUVANTS, IMMUNOLOGIC
(NO) RN given refers to (D)-isomer; RN for cpd without isomeric designation not in Chemline 10/84

N-acetylmuramyl-alanyl-isoglutamine 3'-n- propyl ester
(RN) 79795-28-1
(SY)
2-(2-acetamido-2-deoxyglucose-3-O-yl)hexanoyl-alanyl-isoglutamine
(SY) AcMu-Ala-IsoGln propyl ester
(SY) MDP-3' n-propyl ester
(HM) ACETYLMURAMYL-ALANYL-ISOGLUTAMINE/*analogs
(NO) induces production of lymphocyte-activating factor & factor causing distress in guinea pigs

acetylmuramyl-alanyl-isoglutaminyl-alanyl-phosphatidylethanolamine
(RN) 83461-56-7
(SY) MTP-PE
(SY) muramyl tripeptide phosphatidylethanolamine
(HM) ACETYLMURAMYL-ALANYL-ISOGLUTAMINE/*analogs
(HM) *PHOSPHATIDYLETHANOLAMINES
(PA) ANTIVIRAL AGENTS
(NO) protects mice against herpes simplex virus type 2; structure given in first source

acetylmuramyl-alanyl-isoglutaminyl-meso-2,2'-diaminopimelic acid see muramyl tripeptide

1-(N-acetylmuramyl-alanyl-isoglutaminyl)- 2,3-dipalmitoyl-sn-glycerol
(SY) muramyl dipeptide-glyceryldipalmitate
(SY) MDP-GDP
(HM) ACETYLMURAMYL-ALANYL-ISOGLUTAMINE/*analogs
(HM) *TRIGLYCERIDES
(NO) activates alveolar macrophage tumoricidal activity & eradicates experimental metastases

acetylmuramyl-alanyl-isoglutaminyl-lysine
(RN) 59275-09-1
(SY) AcMu-L-Ala-D-iso-Gln-Lys
(SY) AMAIGL
(HM) ACETYLMURAMYL-ALANYL-ISOGLUTAMINE/*analogs
(NO) mimics somnogenic effects of muramyl dipeptide

N-acetylmuramyl-L-alpha-aminobutyryl-D-isoglutamine see N-acetylmuramyl-aminobutyryl-isoglutamine

N-acetylmuramyl-aminobutyryl-isoglutamine
(RN) 66112-58-1
(SY) Abu-MDP
(SY) N-acetylmuramyl-L-alpha-aminobutyryl-D-isoglutamine
(SY) aminobutyryl muramyl dipeptide
(HM) ACETYLMURAMYL-ALANYL-ISOGLUTAMINE/*analogs
(II) ADJUVANTS, IMMUNOLOGIC

1-acetylnaphthylalanyl-2-para-fluorophenylalanyl-3-tryptophyl-6-arginine-LHRH see LHRH, acetyl-2-(2-naphthyl)-Ala(1)-4-F-Phe(2)-Trp(3)- Arg(6)-

1-acetylnaphthyl-2-(4-chlorophenylalanyl)-3-tryptophyl-6-arginyl-7-phenylalanyl-10-alanine-LHRH see LHRH,
N-Ac-1-naphthyl-(4-Cl-Phe)(2)-Trp(3)-Arg(6)-Phe(7)-Ala(10)-

N-acetylneuraminate lyase
(RN) EC 4.1.3.3
(RR) 9027-60-5 (CRN)
(SY) N-acetylneuraminate pyruvate-lyase
(SY) N-acetylneuraminic acid aldolase
(SY) sialic acid aldolase
(SY) acylneuraminate pyruvate lyase
(SY) NANA-aldolase
(HM) *KETOACID-LYASES

N-acetylneuraminate 9-phosphatase see N-acylneuraminate-9-phosphatase

N-acetylneuraminate pyruvate-lyase see N-acetylneuraminate lyase

N-acetylneuraminic acid
(RN) 131-48-6
(SY) sialic acid
(HM) *SIALIC ACIDS
(NO) structure

N-acetylneuraminic acid aldolase see N-acetylneuraminate lyase

5-N-acetylneuraminic acid-5-bromo-3-indolyl-alpha-ketoside
(RN) 64122-65-2
(SY) BI-NeuAc
(HM) *SIALIC ACIDS

N-acetylneuramin lactose see N-acetylneuraminoyllactose

N-acetylneuraminlactose sulfate see N-acetylneuraminoyllactose sulfate ester

N-acetylneuramin lactose sulfate see N-acetylneuraminoyllactose sulfate ester

N-acetylneuraminoyllactose
(RN) 35890-38-1
(SY) acetylneuraminyllactose
(SY) neuraminlactose
(SY) N-acetylneuraminyllactose
(SY) N-acetylneuramin lactose
(HM) LACTOSE/*analogs

N-acetylneuraminoyllactose sulfate ester
(SY) N-acetylneuramin lactose sulfate
(SY) N-acetylneuraminlactose sulfate
(SY) ANLS
(HM) LACTOSE/*analogs
(NO) nutrient in milk

N-acetylneuraminyl N-acetylneuraminylgalactosylglucosylceramide see ganglioside, GD3

N-acetylneuraminylgalactosyl-N-acetylgalactosaminyl-(N-acetylneuraminyl-N-acetylneuraminyl)galactosyl-glucosylceramide see ganglioside, GT1

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N-acetylneuraminyllactose see N-acetylneuraminoyllactose

acetylneuraminyllactose see N-acetylneuraminoyllactose

N-acetyl-4-nitrophenylhydroxylamine

(SY) N-acetyl-para-nitrophenylhydroxylamine
(SY) AcNPH
(HM) HYDROXYLAMINES
(PA) MUTAGENS
(NO) structure given in first source

acetyl-4-nitrophenylsulfanilamide see sulfanitran

acetyl-Nle-Glu-His-Phe-Arg-Trp-Gly-Lys-NH2 see acetylnorleucyl-glutamyl-histidyl-phenylalanyl-arginyl-tryptophyl-glycyl-lysinamide

N-acetylnorheroin

(RN) 65846-34-6
(HM) DIACETYLMORPHINE/*analogs
(NO) RN given refers to (5alpha, 6alpha)-isomer; RN for cpd without isomeric designation not in Chemline 4/85

acetyl-4-norleucine-7-phenylalanine-alpha-MSH (4-11) see acetylnorleucyl-glutamyl-histidyl-phenylalanyl-arginyl-tryptophyl-glycyl-lysinamide

acetylnorleucyl-glutamyl-histidyl-phenylalanyl-arginyl-tryptophyl-glycyl-lysinamide

(SY) acetyl-Nle-Glu-His-Phe-Arg-Trp-Gly-Lys-NH2
(SY) NGHPATGL
(SY) MSH (4-11), acetyl-4-Nle-7-Phe-alpha-
(SY) acetyl-4-norleucine-7-phenylalanine-alpha-MSH (4-11)
(HM) MSH/*analogs
(NO) superpotent melanotropin with prolonged biological activity

2-acetyl-S-octadecyl-1-thioglycero-3-phosphocholine

(RN) 89314-81-8
(SY) thio-platelet activating factor
(SY) thio-PAF
(HM) PLATELET ACTIVATING FACTOR/*analogs
(NO) aggregates human platelets irreversibly

acetylornithinase see acetylornithine deacetylase

N-acetyl-L-ornithine amidohydrolase see acetylornithine deacetylase

acetylornithine aminotransferase

(RN) EC 2.6.1.11
(RR) 9030-40-4 (CRN)
(SY) acetylornithine delta-transaminase
(HM) *AMINOTRANSFERASES

acetylornithine deacetylase

(RN) EC 3.5.1.16
(RR) 9025-12-1 (CRN)
(SY) acetylornithinase
(SY) N-acetyl-L-ornithine amidohydrolase
(HM) *AMIDOHYDROLASES

acetylornithine delta-transaminase see acetylornithine aminotransferase

acetylornithine glutamate acetyltransferase see glutamate acetyltransferase

2-(acetyloxy)benzoic acid, 2-methoxyphenyl ester see broncaspin

15-acetyloxy-11,16,16-trimethyl-9-oxoprosta-5,13-dien-1-oic acid see Ro 22-6923

N-acetyl-1,2-para-chlorophenylalanyl-3-phenylalanyl-6-arginyl-10-alaninamide-LHRH see LHRH, N-Ac-4-Cl-Phe(1,2)-Phe(3)-Arg(6)-AlaNH(2)(10)-

N-acetyl-para-nitrophenylhydroxylamine see N-acetyl-4-nitrophenylhydroxylamine

N-acetylpenicillamine

(RN) 59-53-0
(RR) 15537-71-0 ((D)-isomer)
(RR) 2510-38-5 ((L)-isomer)
(HM) PENICILLAMINE/*analogs
(NO) RN given refers to (DL)-isomer; RN for cpd without isomeric designation not in Chemline 8/1/83

N-acetyl-S-(pentachlorophenyl)cysteine see pentachlorophenylmercapturic acid

acetyl-pepstatin see Streptomyces pepsin inhibitor

N-acetyl-Phe-3,5-diiodo-Tyr see N-acetylphenylalanyl-3,5-diiodotyrosine

N-acetylphenelzine

(RN) 69352-50-7
(HM) PHENELZINE/*analogs

N-acetylphenylalanine

(RN) 2901-75-9
(RR) 2018-61-3 ((L)-isomer)
(RR) 10172-89-1 ((D)-isomer
(RR) 57359-84-9 ((L)-isomer 3H-labeled cpd)
(RR) 85654-30-4 ((DL)-isomer 3H-labeled cpd)
(HM) PHENYLALANINE/*analogs
(NO) RN given refers to (DL)-isomer; RN for cpd without isomeric designation not in Chemline 2/85

acetylphenylalanine beta-naphthyl esterase

(RN) EC 3.1.1.-
(SY) acetyl-DL-phenylalanine beta-naphthyl esterase
(HM) *CARBOXYLESTERASES

acetyl-DL-phenylalanine beta-naphthyl esterase see acetylphenylalanine beta-naphthyl esterase

N-acetylphenylalanine ethyl ester

(RN) 2361-96-8
(RR) 20918-84-7 ((D)-isomer)
(SY) ethyl N-acetyl-L-phenylalanine
(SY) N-acetyl-L-phenylalanine ethyl ester
(HM) PHENYLALANINE/*analogs
(NO) RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 8/1/83

N-acetyl-L-phenylalanine ethyl ester see N-acetylphenylalanine ethyl ester

N-acetylphenylalanine-tRNA see tRNA, N-acetylphenylalanine-

4-((N-acetylphenylalanyl)amino)-but-2-enoic acid methyl ester see methyl 4-((N-acetylphenylalanyl)amino)but-2-enoate

N-acetylphenylalanylarginine ethyl ester

(RN) 69536-83-0
(SY) Ac-Phe-Arg-OEt
(HM) *DIPEPTIDES
(NO) synthetic substrate for kallikrein

N-acetyl-L-phenylalanyl-L-3,5-diiodotyrosine see N-acetylphenylalanyl-3,5-diiodotyrosine

N-acetylphenylalanyl-3,5-diiodotyrosine

(RN) 3786-08-1
(SY) N-acetyl-L-phenylalanyl-L-3,5-diiodotyrosine
(SY) N-acetyl-Phe-3,5-diiodo-Tyr
(HM) *DIPEPTIDES
(NO) substrate for pepsin; RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 8/1/83

N-acetylphenylalanyl-phenylalanyl-histidine methyl ester see ZAMI 420

N-acetyl-phenylalanyl-4-thiouridine-tRNA(phe) see tRNA, N-acetylphenylalanyl-4-thiouridine-

N-acetylphenylalanyl-tRNA see tRNA, N-acetylphenylalanine-

N-acetylphenylalanyl-tRNA hydrolase

(RN) EC 3.1.1.-
(HM) *CARBOXYLIC ESTER HYDROLASES
(NO) more active than unspecific peptidyl tRNA hydrolase

N-acetylphenylglycine

(RN) 42429-20-9
(RR) 14257-84-2 ((R)-isomer)
(RR) 15962-46-6 ((+-)-isomer)
(RR) 31461-98-0 (mono-NH4 salt(+-)-isomer)
(RR) 29582-91-0 (mono-NH4 salt(R)-isomer)
(SY) N-acetyl-L-phenylglycine
(HM) GLYCINE/*analogs
(NO) RN given refers to (S)-isomer; RN for cpd without isomeric designation not in Chemline 8/1/83

N-acetyl-L-phenylglycine see N-acetylphenylglycine

acetylphenylhydrazine

(RN) 114-83-0
(SY) 1-acetyl-2-phenylhydrazine
(HM) *PHENYLHYDRAZINES

1-acetyl-2-phenylhydrazine see acetylphenylhydrazine

acetyl-Phe-4-thiouridine-tRNA(Phe) see tRNA, N-acetylphenylalanyl-4-thiouridine-

N-acetyl-Phe-tRNA see tRNA, N-acetylphenylalanine-

acetyl-Phe-(s(4)U)-tRNA(Phe) see tRNA, N-acetylphenylalanyl-4-thiouridine-

acetyl phosphate

(RN) 590-54-5
(HM) *PHOSPHORIC ACID ESTERS

acetylprocaine

(RN) 6062-23-3
(HM) PROCAINE/*analogs

N-acetylprocaineamide ethobromide

(RN) 34332-31-5
(HM) *ACETYLPROCAINAMIDE/analogs
(NO) quaternary ammonium cpd

N-(N-acetylprolyl)-N-nitrosoglycine

(SY) NAPNG
(HM) *NITROSAMINES
(NO) structure given in first source

N-acetylprolyl-prolyl-glycyl-prolyl-methylamide

(SY) N-acetyl-Pro-Pro-Gly-Pro-methylamide
(SY) N-APPGPM
(HM) *OLIGOPEPTIDES

N-acetyl-Pro-Pro-Gly-Pro-methylamide see N-acetylprolyl-prolyl-glycyl-prolyl-methylamide

N-acetylputrescine

(RN) 5699-41-2
(SY) acetylputrescine
(HM) PUTRESCINE/*analogs

acetylputrescine see N-acetylputrescine

3-acetylpyridine adenine dinucleotide

(RN) 86-08-8
(SY) APAD
(SY) APADH
(SY) acetylpyridine-NAD
(HM) NAD/*analogs
(II) COENZYMES

2-acetylpyridine 4-(2-morpholinoethyl) thiosemicarbazone see compound A723U

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acetylpyridine-NAD see 3-acetylpyridine adenine dinucleotide

2-acetylpyridine thiosemicarbazone
(RN) 6839-90-3
(HM) *THIOSEMICARBAZONES

3-acetylpyridine
(RN) 350-03-8
(HM) *PYRIDINES
(NO) inhibits tremors

acetylpyrrolidinecholine
(RN) 54377-96-7
(HM) *PYRROLIDINES
(NO) structure

acetylruthenocene
(RN) 1316-92-3
(HM) *ORGANOMETALLIC COMPOUNDS
(HM) *RUTHENIUM
(NO) structure

acetylsalicylic acid guaiacolic ester see broncaspin

acetylsalicylic acid hydrolase
(RN) EC 3.1.1.-
(SY) aspirin hydrolase
(SY) aspirin esterase
(SY) aspirinase
(HM) *CARBOXYLIC ESTER HYDROLASES

acetylsalicylic acid lysinate see Solusprin

N-acetylserine
(RN) 16354-58-8
(HM) SERINE/*analogs

O-acetylserine
(RN) 4985-36-8
(RR) 5147-00-2 ((L)-isomer)
(RR) 19408-79-8 (HBr(D)-isomer)
(SY) serine acetate ester
(HM) SERINE/*analogs
(NO) RN given refers to (DL)-isomer; RN for cpd without isomeric designation not in Chemline 1/85

N-acetylserotonin
(RN) 1210-83-9
(HM) SEROTONIN/*analogs

3-((N-acetyl-L-seryl)amino)-3,6-dideoxy-D-glucose see 3-((N-acetylseryl)amino)-3,6-dideoxyglucose

3-((N-acetylseryl)amino)-3,6-dideoxyglucose
(RN) 84356-77-4
(SY) 3-((N-acetyl-L-seryl)amino)-3,6-dideoxy-D-glucose
(SY) ASADOG
(HM) ACETYLGLUCOSAMINE/*analogs
(NO) component of O-specific polysaccharide of E coli; structure given in first source

acetylserylglycine
(RN) 3244-65-3
(SY) Ac-Ser-Gly
(HM) *DIPEPTIDES

acetylsialomucin
(SY) colonic acetylsialomucin
(HM) *MUCINS
(NO) colonic C8-O-acetylated sialomucin; cpd not in Chemline 8/11/83

N-acetylspermidine see 1-N-acetylspermidine

acetylspermidine deacetylase
(RN) EC 3.5.1.48
(SY) acylpolyamine amidohydrolase
(HM) *AMIDOHYDROLASES
(NO) releases acetic acid from N-1-acetylspermidine, N-8-acetylspermidine and N-1-acetylspermine

N(1)-acetylspermidine see 1-N-acetylspermidine

1-N-acetylspermidine
(RN) 14278-49-0
(SY) N-acetylspermidine
(SY) N(1)-acetylspermidine
(HM) SPERMIDINE/*analogs

N(8)-acetylspermidine
(RN) 13431-24-8
(RR) 34450-15-2 (di-HCl)
(SY) N(8)-monoacetylspermidine
(HM) SPERMIDINE/*analogs

N'-acetylspermine
(RN) 25593-72-0
(SY) N'-monoacetylspermine
(HM) SPERMINE/*analogs

acetylspiramycin
(RN) 24916-51-6
(SY) spiramycin II
(SY) foromacidin B
(SY) spiramycin B
(HM) LEUCOMYCINS
(PA) ANTIBIOTICS

5-acetylspiro(benzofuran-2(3H)-1'-cyclopropan)-3-one see spizofurone

acetylstrophanthidin
(RN) 60-38-8
(HM) STROPHANTHIDIN/*analogs
(NO) structure

3-acetylstrophanthin
(RN) 28146-52-3
(HM) *STROPHANTHINS

N(4)-acetylsulfadimethoxine
(RN) 24341-30-8
(HM) SULFADIMETHOXINE/*analogs
(NO) major metabolite of sulfadimethoxine

acetylsulfadimidine see acetylsulfamethazine

N(4)-acetylsulfadoxine
(RN) 5018-54-2
(SY) N4-acetylsulphadoxine
(HM) *SULFADOXINE/analogs
(NO) sulfadoxine metabolite in human plasma

N(4)-acetylsulfamerazine
(RN) 127-73-1
(HM) SULFAMERAZINE/*analogs
(NO) structure given in first source

acetylsulfamethazine
(RN) 35255-37-9
(SY) acetylsulfadimidine
(HM) SULFAMETHAZINE/*analogs

N(1)-acetylsulfamethoxazole
(RN) 18607-98-2
(SY) N(1)-acetylsulphamethoxazole
(HM) SULFAMETHOXAZOLE/*analogs

N(4)-acetylsulfamethoxazole
(RN) 21312-10-7
(SY) N(4)-acetylsulphamethoxazole
(HM) SULFAMETHOXAZOLE/*analogs

acetylsulfapyridine
(RN) 19077-98-6
(HM) *SULFAPYRIDINE/analogs
(PA) ANTI-INFECTIVE AGENTS

N(4)-acetylsulfaquinoxaline
(RN) 6632-67-3
(HM) *SULFAQUINOXALINE/analogs
(NO) major metabolite of sulfaquinoxaline; structure given in first source

N(4)-acetylsulfisoxazole
(RN) 4206-74-0
(HM) SULFISOXAZOLE/*analogs

N(1)-acetylsulphamethoxazole see N(1)-acetylsulfamethoxazole

N(4)-acetylsulphamethoxazole see N(4)-acetylsulfamethoxazole

N-acetyltalosaminuronic acid
(SY) NAT
(SY) alpha-L-N-acetyltalosaminuronic acid
(SY) alpha-L-2-N-acetylamino-2-desoxytaluronic acid
(SY) TalANAc
(HM) *URONIC ACIDS
(NO) partially comprises saccharide frame of pseudomurein; structure given in first source

2'-acetyltaxol
(HM) *ALKALOIDS
(NO) structure given in first source

7-acetyltaxol
(HM) *ALKALOIDS
(NO) structure given in first source

3-(3-acetyl-4-(3-(tert-butylamino)- 2-hydroxypropoxy) phenyl)-1,1-diethylurea see celiprolol

6-acetyl-1,1,4,4-tetramethyl-7-ethyl-1,2,3,4-tetralin see versalide

S-acetylthioacetic acid N-hydroxysuccinimide ester see N-hydroxysuccinimide S-acetylthioacetate

N-acetyl-thiomuramyl-alanyl-isoglutamine
(RN) 83375-11-5
(SY) thiomuramyl dipeptide
(HM) ACETYLMURAMYL-ALANYL-ISOGLUTAMINE/*analogs
(II) ADJUVANTS, IMMUNOLOGIC
(NO) RN given refers to L-isomer; RN for cpd without isomeric designation not in Chemline 3/15/84

2-acetylthiophene-2-thiazolylhydrazone see CBS 1108

acetyltributylcitrate
(RN) 77-90-7
(HM) *CITRATES

15-acetyltrimoprostil see Ro 22-6923

N-acetyltryptamine
(RN) 1016-47-3
(RR) 87820-28-8 (mono-HCl)
(HM) *TRYPTAMINES
(NO) antagonizes the melatonin-induced inhibition of dopamine release from retina; RN given refers to parent cpd

N-acetyltryptophan
(RN) 1218-34-4
(SY) acetyltryptophan
(SY) N-acetyltryptophanate sodium
(HM) TRYPTOPHAN/*analogs

acetyltryptophan see N-acetyltryptophan

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acetyltryptophanamide
(RN) 2382-79-8
(HM) TRYPTOPHAN/*analogs

N-acetyltryptophanate sodium see N-acetyltryptophan

N-acetyltryptophan methyl ester
(RN) 2824-57-9
(RR) 36060-94-3 ((D)-isomer)
(RR) 16108-06-8 ((DL)-isomer)
(SY) methyl acetyltryptophanate
(HM) TRYPTOPHAN/*analogs
(NO) RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 8/1/83

N-acetyl-1,3-tryptophanyl-2-4-chlorophenylalanyl-6-lysyl-10-alaniaamide-LHRH see LHRH, N-Ac-Trp(1,3)-4-Cl-Phe(2)-Lys(6)-AlaNH(2)(10)-

1,3-N-acetyl-D-tryptophanyl-2-para-chlorophenylalanyl-6-phenylalanyl-10-alanine-LHRH see LHRH, N-Ac-Trp(1,3)-4-Cl-Phe(2)-Phe(6)-Ala(10)-

N-acetyl-1,3-tryptophyl-2-p-chlorophenylalanyl-6-arginyl-10-alanine-LHRH see LHRH, N-Ac-Trp(1,3)-4-Cl-Phe(2)-Arg(6)-Ala(10)-

N-acetyltyrosinamide see N-acetyltyrosylamide

acetyltyrosine
(RN) 537-55-3
(RR) 19764-32-0 ((D)-isomer)
(RR) 2901-77-1 ((DL)-isomer)
(SY) acetyl-L-tyrosine
(HM) TYROSINE/*analogs
(NO) RN given refers to (L)-isomer

acetyltyrosine alpha-naphthyl ester
(RN) 71258-95-2
(SY) acetyl-L-tyrosine-alpha-naphthyl ester
(SY) ATNE
(HM) TYROSINE/*analogs
(NO) protease substrate; RN given refers to (L-Tyr)-isomer; RN for cpd without isomeric designation not in Chemline 8/2/83

acetyl-L-tyrosine-alpha-naphthyl ester see acetyltyrosine alpha-naphthyl ester

N-acetyltyrosine deacetylase see N-alpha-acetylenkephalin carboxypeptidase

N-acetyl-L-tyrosine ethyl ester see ethyl N-alpha-acetyl-tyrosinate

acetyl-L-tyrosine see acetyltyrosine

N-acetyltyrosylamide
(RN) 1948-71-6
(SY) N-acetyltyrosinamide
(HM) TYROSINE/*analogs
(NO) substrate for lactoperoxidase; RN given refers to (S)-isomer; RN for cpd without isomeric designation not in Chemline 8/1/83

4-(N-acetyltyrosyl)aminobenzoic acid
(RN) 38219-60-2
(SY) Ac-Tyr-PAB
(SY) 4-(N-acetyl-L-tyrosyl)aminobenzoic acid
(HM) *P-AMINOBENZOIC ACID/analogs
(NO) RN given refers to (L)-isomer

4-(N-acetyl-L-tyrosyl)aminobenzoic acid see 4-(N-acetyltyrosyl)aminobenzoic acid

1-N-acetyltyrosyl-2-phenylalanyl-somatotropin releasing hormone(1-29)amide see somatotropin releasing hormone(1-29)amide, N-Ac-Tyr(1) -Phe(2)-

acetylvalerenolic acid
(RN) 81397-67-3
(HM) *INDENES
(PA) AMINOBUTYRATE AMINOTRANSFERASE/antag
(NO) structure given in first source

N-acetylvaline-tRNA see tRNA, N-acetylvaline-

N-acetyl-Val-tRNA see tRNA, N-acetylvaline-

acetyl-15-valyl-19-lysyl methylamide-beta-endorphin-(15-19) see beta-endorphin (15-19), Ac-Val(15)-Lys(19) methylamide-

acetylvalyl-threonyl-leucyl-phenylalanyl-lysine methylamide see beta-endorphin (15-19), Ac-Val(15)-Lys(19) methylamide-

N-acetylvalyl-tRNA see tRNA, N-acetylvaline-

N-acetylvalyl tRNA see tRNA, N-acetylvaline-

acetylvalylvalyl-4-amino-3-hydroxy-6-methylheptanoylalanyl-4-amino-3-hydroxyl-6-methylheptanoic acid see Streptomyces pepsin inhibitor

acetylviloxazine
(RN) 33585-04-5
(HM) *VILOXAZINE/analogs
(PA) ANTIDEPRESSIVE AGENTS

16-O-acetylvindoline
(RN) 58811-96-4
(RR) 89691-21-4 (3-(2)H-labeled cpd)
(HM) VINBLASTINE/*analogs
(NO) structure given in first source

1-(4-acetyphenyl)-3,3-dimethyltriazene
(RN) 61947-73-7
(HM) *TRIAZENES
(PA) ANTINEOPLASTIC AGENTS
(NO) structure given in first source

acexamic acid see 6-acetylaminocaproic acid

ACFM
(HM) DOXORUBICIN
(HM) CYCLOPHOSPHAMIDE
(HM) FTORAFUR
(HM) METHOTREXATE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

ACF protocol
(HM) DOXORUBICIN
(HM) CYCLOPHOSPHAMIDE
(HM) FTORAFUR
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

AcFuCy
(HM) DACTINOMYCIN
(HM) FLUOROURACIL
(HM) CYCLOPHOSPHAMIDE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above three cpds

AcG see acceleratory factor from growth hormone

N-AcGlu-1,4-Glu see N-acetylgalactosaminyl-(1-4)-glucose

Ac-Glu-Leu-Val-Thr-Leu-Phe-Lys-Asn-Ala-Glu-NHCH3 see beta-endorphin (13-22), Ac-Glu(13)-Glu(22) methylamide-

N-Ac-Glu-Phosp-Ser see O-beta-(N-acetylglucosamine-1-phosphoryl)serine

AcGlu-pNA see acetylglutamate 4-nitroanilide

Ac-GLVTLPLAAG NHCH3 see beta-endorphin (13-22), Ac-Glu(13)-Glu(22) methylamide-

Ac-Gly-AMP see N-acetylglycyladenylate anhydride

N-Ac-Gly-Gly see N-acetylglycylglycine

cis-ACHA see 3-aminocyclohexanecarboxylic acid

ACHM
(HM) DOXORUBICIN
(HM) LOMUSTINE
(HM) HEXAMETHYLMELAMINE
(HM) METHOTREXATE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above four cpds

Achromobacter protease I see achromopeptidase

achromopeptidase
(RN) EC 3.4.21.-
(SY) Achromobacter protease I
(SY) lysyl endopeptidase
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) alkaline protease with bacteriolytic acitvity from Achromobacter lyticus; cleaves carboxyl bond of lysine residues

cis-acid see NSC 153174

acid beta-galactosidase A1 see lactosylceramidase II

acid black S
(RN) 30255-64-2
(RR) 3071-73-6 (di-Na salt)
(HM) *AZO COMPOUNDS
(II) DYES
(NO) RN given refers to parent cpd; structure given in first source

acid blue 1 see patent blue violet

acid blue 9 see brilliant blue

acid cholesterol ester synthetase
(RN) EC 3.1.1.-
(SY) cholesterol ester synthetase
(HM) *CHOLESTEROL ESTERASE
(NO) aortal enzyme, does not require exogenous ATP or CoA; reverse reaction of cholesterol esterase

acid citrate dextrose
(RN) 13838-07-8
(SY) ACD solution
(HM) GLUCOSE/*analogs
(NO) used as blood preservative

acid-coenzyme A ligase see acyl-CoA synthetase

acid cysteine proteinase inhibitors, endogenous see cysteine protease inhibitors, endogenous

acid deoxyribonuclease see deoxyribonuclease II

acid gastric glycoprotein see fetal sulfoglycoprotein antigen

acid green 5 see Light green SF

acid green 50 see Green S

acid hydrolase receptor
(SY) phosphomannosyl enzyme receptor
(SY) acid hydrolase receptors
(SY) phosphomannosyl enzyme receptors
(SY) receptor, phosphomannosyl enzyme
(SY) receptor, acid hydrolase
(SY) phosphomannosyl receptor
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) HYDROLASES
(NO) plays role in intracellular & intercellular transport of lysosomal enzymes

acid hydrolase receptors see acid hydrolase receptor

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acidic antizyme, ornithine decarboxylase see ornithine decarboxylase antizyme

D-acidic-ketolysoisomerase see xylose isomerase

acid-methylester see pitofenone

acidomycin see mycobacidin

Acid Orange 10 see Orange G

acid orange 12
(RN) 1934-20-9
(SY) C.I. acid orange 12
(SY) orange RN
(SY) 1-phenylazo-2-naphthol-6-sulfonic acid
(HM) *AZO COMPOUNDS
(II) DYES
(II) FOOD ADDITIVES
(NO) structure

acid proteases see carboxyl (acid) proteinases

acid proteinases see carboxyl (acid) proteinases

acid protein (submandibular gland) see salivary gland acidic protein

acid red, isoxanthene see lissamine rhodamine B

acid red 2C see azo rubin S

acidrine
(RN) 76157-56-7
(HM) *ALUMINUM
(HM) *POLYSACCHARIDES
(HM) *BRIDGED COMPOUNDS
(HM) DRUG COMBINATIONS
(PA) ANTACIDS
(PA) ANESTHETICS, LOCAL
(NO) antacid containing nopoxamine lauryl sulfate, basic aluminum amino acetate, galactan sulfate

acid thiol proteinase see thiol proteinases

acid trimetaphosphatase see trimetaphosphatase

acid violet 49 see Acid Violet 6B

Acid Violet 6B
(RN) 1694-09-3
(SY) food violet No. 2
(SY) acid violet 49
(SY) C.I. 42640
(SY) benzyl violet 4B
(SY) FD&C violet no. 1
(SY) violet 6B
(SY) violet No. 1
(HM) *BENZENESULFONATES
(PA) CARCINOGENS
(II) ROSANILINE DYES
(II) FOOD ADDITIVES
(NO) structure

acifran see AY 25712

ACIP see adenyl cyclase inhibitor protein

acipimox
(RN) 51037-30-0
(SY) 5-methylpyrazinecarboxylic acid 4-oxide
(SY) 5-methylpyrazine-2-carboxylic acid 4-oxide
(HM) *PYRAZINES
(PA) ANTILIPEMIC AGENTS
(NO) lipolysis inhibitor

acivicin
(RN) 52583-41-2
(RR) 42228-92-2 ((S-(R*,R*))-isomer)
(SY) NSC 163501
(SY) AT 125
(SY) alpha-amino-3-chloro-4,5-dihydro-5-isoxazoleacetic acid
(SY) U 42,126
(SY) alpha-S,5S-alpha-amino-3-chloro-2-isoxazoline-5-acetic acid
(SY) L-(alphaS,5S)-alpha-amino-3-chloro-4,5-dihydro-5-isoxazoleacetic acid
(SY) 5-Isoxazoleacetic acid, alpha-amino-3-chloro-4,5-dihydro-, (S-(R*,R*))-
(SY) AT-125
(SY) U-42,126
(HM) *ISOXAZOLES
(PA) ANTIMETABOLITES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(PA) ANTIBIOTICS, ANTIFUNGAL
(NO) RN given refers to cpd without isomeric designation

aclacinomycin
(RN) 66676-88-8
(RR) 57596-79-9 (aclacinomycin B)
(RR) 67298-12-8 (aclacinomycin Y)
(RR) 60504-57-6 (aclacinomycin T)
(RR) 64431-68-1 (aclacinomycin M)
(RR) 74564-62-8 (aclacinomycin HCl)
(SY) aclacinomycins
(HM) NAPHTHACENES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) RN given refers to cpd with unknown MF; see also aclacinomycin A: 57576-44-0; MA 144 N1 for aclacinomycin N: 64474-88-0; MA 144 S1 for aclacinomycin S: 64431-69-2

aclacinomycin A
(RN) 57576-44-0
(SY) NSC 208734
(SY) aclarubicin
(HM) NAPHTHACENES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(PA) ANTIBIOTICS
(PA) MUTAGENS
(NO) isolated from culture of Streptomyces galilaeus; see also aclacinomycin: 66676-88-8; MA 144 N1 for aclacinomycin N: 64474-88-0; MA 144 S1 for aclacinomycin S: 64431-69-2; structure

aclacinomycins see aclacinomycin

aclarubicin see aclacinomycin A

aclatonium napadisilate see TM 723

Ac-LHRH(5-10) see LHRH(5-10), Ac-

ACLU see acluracil

acluracil
(RN) 20938-38-9
(SY) ACLU
(HM) URACIL/*analogs
(PA) ANTIVIRAL AGENTS
(NO) structure

N-Ac-Lys-Arg-Tyr-Asn-Leu-amide see N-acetyllysyl-arginyl-tyrosyl-asparaginyl-leucinamide

N-Ac-Lys-Arg-Tyr-Asn-Leu-Thr-Ser-Val-amide see N-acetyllysyl-arginyl-tyrosyl-asparaginyl-leucyl-threonyl-seryl-valinamide

7-ACLZ see 7-aminoclonazepam

ACM-ATP see N(6)-((6-aminohexyl)carbamoylmethyl)ATP

Ac-MeLac see N-acetyl-3-O-methyllactosamine

Ac-MeLac-Bena-Gly see N-acetyl-3-O-methyllactosamine benzyl-alpha glycoside

Ac-MFH see 1-acetyl-2-methyl-2-formylhydrazine

ACMFVP
(HM) DOXORUBICIN
(HM) CYCLOPHOSPHAMIDE
(HM) METHOTREXATE
(HM) FLUOROURACIL
(HM) VINCRISTINE
(HM) PREDNISONE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy regimen; contains above six cpds

ACMP protocol
(HM) DOXORUBICIN
(HM) CYTARABINE
(HM) PREDNISOLONE
(HM) 6-MERCAPTOPURINE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds; used in treatment of acute nonlymphoblastic leukemia

N-AcMu-Ala-Gln-n-butyl ester see N-acetylmuramyl-alanylglutamine-n-butyl ester

AcMu-Ala-iso-Gln-meso-2,2'-diaminopimelic acid see muramyl tripeptide

AcMu-L-Ala-D-iso-Gln-Lys see acetylmuramyl-alanyl-isoglutaminyl-lysine

AcMu-Ala-IsoGln propyl ester see N-acetylmuramyl-alanyl-isoglutamine 3'-n-propyl ester

Ac-Mur-L-Ala-gamma-D-Gln-meso-A(2)pm see muramyl tripeptide

acmycin
(RN) 83511-99-3
(HM) POLYENES
(PA) ANTIBIOTICS, ANTIFUNGAL
(NO) from soil streptomycete; no other information available 8/19/82

Ac4-NAcMan see 2-acetamido-1,3,4,6-tetra-O-acetyl-2-deoxymannopyranose

Ac4F3-NAcMan see 2-trifluoroacetamido-1,3,4,6-tetra-O-acetyl-2-deoxymannopyranose

AcNADE see O-acetyl-N-amino-N,N-dimethylaminoethanol

Ac-NAL(1)-4Cl-Phe(2)-Trp(3)-Arg(6)-Phe(7)-Ala(10)-LHRH see LHRH, N-Ac-1-naphthyl-(4-Cl-Phe)(2)-Trp(3)-Arg(6)-Phe(7)-Ala(10)-

N-Ac-Nal(2)(1)-4-Cl-Phe(2)-Trp(6)-hArg(Et2)(6)-Ala(10)-GnRH see RS 68439

Ac-D-NAL(2)(1)-4F-Phe(2)-Trp(3)-Arg(6)-LHRH see LHRH, acetyl-2-(2-naphthyl)-Ala(1)-4-F-Phe(2)-Trp(3)-Arg(6)-

AcNPH see N-acetyl-4-nitrophenylhydroxylamine

ACNU
(RN) 42471-28-3
(RR) 52208-23-8 (unspecified HCl)
(RR) 55661-38-6 (HCl)
(SY) NSC 245382
(SY) 3-((4-amino-2-methyl-5-pyrimidinyl)methyl)-1-(2-chloroethyl)-1-nitrosourea
(SY) (1-(4-amino-2-methyl-5-pyrimidinyl)methyl-3-(2-chloroethyl)-3-nitrosourea hydrochloride
(HM) *NITROSOUREA COMPOUNDS
(PA) ANTINEOPLASTIC AGENTS
(NO) RN given refers to parent cpd

ACO see CAV

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N-AcO-But-AAF see
N-acetoxy-7-N-butyl-N-2-acetylaminofluorene

N-AcO-EtAAF see
N-acetoxy-7-ethyl-N-2-acetylaminofluorene

N-AcO-A-Glu-P-3 see
3-(N-acetoxy-N-acetylamino)-4,6-dimethyldipyrido(1,2-a-3',2'-d)imidazole

2AcOH.H-CHG-Ala-Arg-pNA see
cyclohexylglycyl-alanyl-arginine-4-nitroanilide

ACO II see CAV

ACOMLA
(HM) DOXORUBICIN
(HM) CYCLOPHOSPHAMIDE
(HM) VINCRISTINE
(HM) METHOTREXATE
(HM) CITROVORUM FACTOR
(HM) CYTARABINE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy consisting of above cpds; used in treatment of lymphoma

aconcen see ovosiston

aconitan
(SY) aconitan A
(SY) aconitan B
(SY) aconitan C
(SY) aconitan D
(SY) aconitans
(HM) *POLYSACCHARIDES
(PA) HYPOGLYCEMIC AGENTS
(II) PLANTS, MEDICINAL
(NO) from Aconitum carmichaeli roots

aconitan A see aconitan

aconitan B see aconitan

aconitan C see aconitan

aconitan D see aconitan

aconitans see aconitan

ACOPC acetyltransferase see
acetyl-CoA-1-alkyl-2-lyso-sn-glycero-3-phosphocholine acetyltransferase

ACP
(HM) DOXORUBICIN
(HM) CYCLOPHOSPHAMIDE
(HM) PREDNISONE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

ACPACNAD see
2'-O-(N-(2-aminoethyl)carbamoylethyl)phosphono-N(6)-(N-(2-aminoethyl)carbamoylethyl)NAD

3-ACPA see 4-amino-3-chloro-2-pentenedioic acid

ACPCA synthase see 1-aminocyclopropanecarboxylate synthase

ACPEC see N-acetyl-S-(3-chloroprop-2-enyl)cysteine

Ac-pepstatin see Streptomyces pepsin inhibitor

Ac-Phe-Arg-OEt see N-acetylphenylalanylarginine ethyl ester

N-Ac-Phe-Phe-His-Me see ZAMI 420

AcPhe-tRNA(Phe) see tRNA, N-acetylphenylalanine-

Ac1-protease see Ac1-proteinase

Ac3-protease see Ac3-proteinase

Ac5-protease see Ac5-proteinase

Ac1-proteinase
(RN) EC 3.4.99.-
(SY) Ac1-protease
(HM) *PEPTIDE PEPTIDOHYDROLASES
(II) CROTALID VENOMS
(NO) proteolylic hemorrhagic toxin for Trimeresurus flavoviridis

Ac3-proteinase
(RN) EC 3.4.99.-
(SY) Ac3-protease
(HM) *PEPTIDE PEPTIDOHYDROLASES
(II) CROTALID VENOMS
(NO) isolated from venom of Agkistrodon acutus; MW 57,000

Ac5-proteinase
(RN) EC 3.4.99.-
(SY) Ac5-protease
(HM) *PEPTIDE PEPTIDOHYDROLASES
(II) CROTALID VENOMS
(NO) isolated from venom of Agkistrodon acutus

AC protocol
(SY) CA protocol
(HM) DOXORUBICIN
(HM) CYCLOPHOSPHAMIDE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above 2 cpds; used in treatment of breast neoplasms

acranil
(RN) 522-20-3
(RR) 1684-42-0 (di-HCl)
(SY) chlormetacrine
(HM) *AMINACRINE/analogs
(PA) ANTIVIRAL AGENTS
(PA) INTERFERON INDUCERS
(II) FLUORESCENT DYES
(NO) structure; fluorescent cpd for cytogenetic studies; RN given refers to parent cpd

acrasin
(RN) 85187-54-8
(HM) *PTERINS
(II) CELL AGGREGATION/drug eff
(II) DICYTOSTELIUM
(NO) cell aggregation-inducing factor of D. lacteum; pterin deriv; no other information available 11/26/82; see also record for aggregation factor

Acrex see dinobuton

10(9H)-acridineacetic acid, 9-oxo- see
10-carboxymethyl-9-acridanone

acridine half-mustard
(RN) 17070-44-9
(RR) 17070-45-0 (di-HCl)
(SY) ICR-191
(SY) 2-chloro-6-methoxy-9-(3-(2-chloroethyl) aminopropylamino)acridine
(HM) *AMINACRINE/analogs
(HM) *NITROGEN MUSTARD COMPOUNDS
(PA) MUTAGENS
(NO) RN given refers to parent cpd

acridine yellow
(RN) 92-26-2
(RR) 135-49-9 (mono-HCl)
(RR) 53231-23-5 (monoT(-4)-tetrachlorthallate(1-))
(HM) *AMINOACRIDINES
(II) FLUORESCENT DYES
(NO) RN given refers to acridine yellow base

4'-(9-acridinylamino)methanesulfonanilide
(RN) 53478-38-9
(HM) *AMINACRINE/analogs
(PA) ANTINEOPLASTIC AGENTS
(NO) structure

4'-(9-acridinylamino)methanesulfon-m-anisidide see m-AMSA

4'-((9-acridinyl)amino)methanesulfon-m-anisidide see m-AMSA

N-(4'(9-acridinylamino)-3-methoxyphenyl) methanesulfonamide see m-AMSA

4-(9-acridinylamino)-2,2,6,6-tetramethyl-1-piperidinyloxy
(RN) 58814-40-7
(SY) AATEMPO
(HM) *CYCLIC N-OXIDES
(II) SPIN LABELS

acridone
(RN) 578-95-0
(HM) *ACRIDINES

acriflavin-agarose see acriflavin-sepharose

acriflavin-sepharose
(SY) acriflavin-agarose
(HM) SEPHAROSE/*analogs
(NO) affinity chromatography for separation of oligonucleotides

acrihellin
(RN) 67696-82-6
(SY) 3 beta,5,14-trihydroxy-19-oxo-5 beta-bufa-20,22-dienolide-3-(3-methylcrotonate)
(HM) *BUFANOLIDES
(PA) CARDIOTONIC AGENTS
(PA) CARDIAC GLYCOSIDES
(NO) structure given in first source

acrinor see Akrinor

acrivastine see BW 825C

acrosome stabilizing factor
(SY) ASF
(HM) *GLYCOPROTEINS
(II) ACROSOME
(II) RABBITS
(NO) high molecular weight glycoprotein isolated from rabbit; secreted by the corpus epididymidis; believed to directly influence sperm development

acrosoxacin see rosoxacin

acrylamide
(RN) 79-06-1
(HM) *ACRYLAMIDES
(NO) structure

acrylate see acrylic acid

acrylbutadienestyrene beads see acrylic acid-1,3-butadiene-styrene polymer

acrylic acid
(RN) 79-10-7
(RR) 58197-53-8 (Co(2+) salt)
(RR) 55488-18-1 (Fe(3+) salt)
(RR) 51366-35-9 (Ca[2:1] salt.dihydrate)
(RR) 15743-20-1 (Al salt)
(RR) 14643-87-9 (Zn salt)
(RR) 10604-69-0 (NH4 salt)
(RR) 10192-85-5 (K salt)
(RR) 7446-81-3 (Na salt)
(RR) 6292-01-9 (Ca[2:1] salt)
(RR) 5698-98-6 (Mg salt)
(RR) 5651-26-3 (Ag salt)
(SY) 2-propenoic acid
(SY) acrylate
(HM) *ACRYLATES
(NO) RN given refers to parent cpd

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acrylic acid–allyl pentaerythritol copolymer
(SY) CACAP
(SY) SAKAP
(HM) *ACRYLATES
(HM) *PROPANEDIOLS
(HM) *POLYMERS
(NO) hydrophilic base for ointments

acrylic acid–1,3–butadiene–styrene polymer
(RN) 25085–39–6
(SY) acrylbutadienestyrene beads
(HM) *ACRYLIC RESINS
(HM) *POLYSTYRENES
(HM) *BUTADIENES
(II) MICROSPHERES

acrylic acid butyl ester see n–butyl acrylate

acrylic acid 1,1–dihydroperfluoroheptyl ester see 1,1–dihydroperfluoroheptyl acrylate

acrylic acid ethyl ester see ethyl acrylate

acrylic acid ethyl ester–ethylene polymer see poly(ethylene–ethyl acrylate)

acrylic acid 2–ethylhexyl ester see 2–ethylhexyl acrylate

acrylic acid, polymers see carbopol 940

acrylic acid–N–vinylpyrrolidone copolymer
(RN) 28062–44–4
(SY) AA /P copolymer
(HM) *ACRYLIC RESINS
(HM) POVIDONE/*analogs
(II) ADJUVANTS, IMMUNOLOGIC
(NO) conjugated to viral proteins & antigens

acrylic bone cement see methylmethacrylate

acrylochlorin
(HM) *PROTOPORPHYRINS
(NO) iron–free form of heme d1, prosthetic group of dissimilatory nitrite reductases

acrylodan
(RN) 86636–92–2
(SY) 6–acryloyl–2–dimethylaminonaphthalene
(HM) *2–NAPHTHYLAMINE/analogs
(II) FLUORESCENT DYES

acrylonitrile–butadiene–styrene resin see ABS resin

acrylonitriledimethylaminoethyl methacrylate copolymer
(RN) 26777–63–9
(SY) DMAEMA–AN
(SY) dimethylaminoethyl methacrylate–acrylonitrile copolymer
(HM) *POLYMETHACRYLIC ACIDS
(HM) *ACRYLONITRILE/analogs

acryloyl chloride
(RN) 814–68–6
(HM) *ACRYLATES

6–acryloyl–2–dimethylaminonaphthalene see acrylodan

ACSBF see 4–chloro–7–sulfobenzofurazan

Ac–Ser–Gly see acetylserylglycine

Ac–somatotropin (7–13) see N–alpha–acetylsomatotropin (7–13)

ACT
(SY) DAT regimen
(HM) DOXORUBICIN
(HM) CYTARABINE
(HM) THIOGUANINE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above 3 cpds

actamycin
(RN) 76045–67–5
(HM) ANTHRAQUINONES
(PA) ANTIBIOTICS
(NO) from Streptomyces sp. E/784; RN from CA; structure given in first source

actaplanin
(RN) 37305–75–2
(SY) actaplanin A
(SY) actaplanin B1
(SY) actaplanin B2
(SY) actaplanin B3
(SY) actaplanin C1
(SY) actaplanin G
(HM) GLYCOPEPTIDES
(PA) ANTIBIOTICS
(NO) from Actinoplanes missouriensis; different actaplanins are composed of the same peptide core, an amino sugar and varying amounts of glucose, mannose & rhamnose

actaplanin A see actaplanin

actaplanin B1 see actaplanin

actaplanin B2 see actaplanin

actaplanin B3 see actaplanin

actaplanin C1 see actaplanin

actaplanin G see actaplanin

actapulgite see attapulgite

ACTCAA–LHRH see LHRH, N–Ac–Trp(1,3)–4–Cl–Phe(2)–Arg(6)–Ala(10)–

actebral see cyprodenate

actellic see pirimiphos methyl

ACTH acetyltransferase see peptide acetyltransferase

ACTHalpha(18–39), Ser(31)– see corticotropin–like intermediate lobe peptide

ACTH alpha(1–18)
(RN) 1285–85–4
(SY) alpha 1–18 ACTH
(SY) 1–18 ACTH
(SY) ACTH a(1–18)
(HM) *CORTICOTROPIN
(HM) *PEPTIDE FRAGMENTS
(NO) synthetic substituted corticotropin analog

ACTH amide(1–16)
(RN) 18806–03–6
(SY) ACTH (1–16)–NH2
(HM) CORTICOTROPIN/*analogs
(HM) *PEPTIDE FRAGMENTS

ACTH 4–amino–n–butylamide(1–17), Ala(1)– Lys(17)–
(SY) 1–alanyl–17–lysine–ACTH 4–amino–n–butylamide(1– 17)
(SY) Ala(1)–Lys(17)–ACTH(1–17) 4–aminobutylamide
(SY) AL–ACTH(1–17)AB
(HM) CORTICOTROPIN/*analogs
(HM) *PEPTIDE FRAGMENTS

ACTH a(1–18) see ACTH alpha(1–18)

ACTH, biotinyl–
(RN) 61125–54–0
(SY) biotinylcorticotropin
(SY) biotinyl–ACTH
(HM) CORTICOTROPIN/*analogs
(NO) structure

ACTH(4–9), methylsulfonylaminobutyryl–Lys(8)–(Phe(9)– see Org 2766

ACTH (1–16)–NH2 see ACTH amide(1–16)

ACTH, 2–nitro–4–azidophenylsulfenyl–
(RN) 73905–68–7
(SY) 2–nitro–4–azidophenylsulfenyl–corticotropin
(SY) 2,4–NAPS–ACTH
(SY) 2–nitro–4–azidophenylsulfenyl–ACTH
(HM) CORTICOTROPIN/*analogs
(NO) photoreactive deriv of ACTH

ACTHoctadecapeptide amide(1–18), Ser(1)–Lys(17,18)– see 41795–Ba

ACTH(1–24), Phe(2)–Nle(4)–
(SY) Phe(2)–Nle(4)–ACTH(1–24)
(SY) 2–phenylalanyl–4–norleucine–ACTH(1–24)
(HM) COSYNTROPIN/*analogs

ACTH (4–10) phenylalanine (7) see ACTH(4–10), Phe(7)–

ACTH (4–10) (Phe(7)) see ACTH(4–10), Phe(7)–

ACTH(4–10), Phe(7)–
(RN) 39877–09–3
(SY) 7–phenylalanine–ACTH(4–10)
(SY) 7–phenylalanyl–corticotropin (4–10)
(SY) ACTH (4–10) (Phe(7))
(SY) Phe(7)–ACTH(4–10)
(SY) ACTH (4–10) phenylalanine (7)
(HM) *CORTICOTROPIN
(HM) *PEPTIDE FRAGMENTS

ACTH receptor see corticotropin receptor

ACTH receptors see corticotropin receptor

ACTH–Z see adrenocorticotropin zinc

ACTH zinc see adrenocorticotropin zinc

ACTH(1–10)
(RN) 4037–00–7
(SY) ACTH (1–10)
(HM) *CORTICOTROPIN
(HM) *PEPTIDE FRAGMENTS

ACTH (1–10) see ACTH(1–10)

ACTH(11–24)
(RN) 4237–93–8
(SY) ACTH (11–24)
(HM) *CORTICOTROPIN
(HM) *PEPTIDE FRAGMENTS

ACTH (11–24) see ACTH(11–24)

ACTH (1–13) see ACTH(1–13)

ACTH(1–13)
(RN) 22006–64–0
(SY) desacetyl alpha–MSH
(SY) adrenocorticotropin (1–13)NH2
(SY) ACTH (1–13)
(SY) MSH, (desacetyl)alpha–
(SY) DE–alpha–MSH
(SY) des–acetyl MSH
(SY) (des–acetyl)–alpha–MSH
(SY) (desacetyl)alpha–MSH
(HM) *CORTICOTROPIN
(HM) *PEPTIDE FRAGMENTS
(NO) alpha–MS–like substance found in human fetal pituitary tissue; RN in Chemline for alpha(1–13)–Corticotropin, 13–L–valinamide–: 53697–27–1

ACTH (1–14) see ACTH(1–14)

ACTH(1–14)
(SY) 1–14 ACTH
(SY) ACTH (1–14)
(HM) *CORTICOTROPIN
(HM) *PEPTIDE FRAGMENTS

1–14 ACTH see ACTH(1–14)

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ACTH(1-16)
(RN) 5576-42-1
(HM) *CORTICOTROPIN
(HM) *PEPTIDE FRAGMENTS
(NO) affects cell-free protein synthesis

ACTH (1-17) see ACTH(1-17)

ACTH(1-17)
(RN) 7266-47-9
(SY) Synchrodyn
(SY) ACTH (1-17)
(HM) *CORTICOTROPIN
(HM) *PEPTIDE FRAGMENTS

1-18 ACTH see ACTH alpha(1-18)

ACTH (1-37) see ACTH(1-37)

ACTH(1-37)
(RN) 86836-91-1
(SY) 1-37 ACTH
(SY) ACTH (1-37)
(HM) *CORTICOTROPIN
(HM) *PEPTIDE FRAGMENTS

1-37 ACTH see ACTH(1-37)

ACTH(1-38)
(SY) corticotropin (1-38)
(HM) *CORTICOTROPIN
(HM) *PEPTIDE FRAGMENTS

ACTH (1-4) see ACTH(1-4)

ACTH(1-4)
(RN) 19405-50-6
(SY) (1-4) corticotropin
(SY) ACTH (1-4)
(HM) *CORTICOTROPIN
(HM) *PEPTIDE FRAGMENTS
(NO) N-terminal tetrapeptide of ACTH

ACTH(17-39)
(RN) 11138-16-2
(SY) ACTH (17-39)
(HM) *CORTICOTROPIN
(HM) *PEPTIDE FRAGMENTS

ACTH (17-39) see ACTH(17-39)

ACTH(19-24)
(HM) *CORTICOTROPIN
(HM) *PEPTIDE FRAGMENTS

ACTH(22-39)
(RN) 37548-29-1
(SY) ACTH (22-39)
(HM) *PEPTIDE FRAGMENTS
(HM) *CORTICOTROPIN
(NO) behaves similarly to beta-cell tropin

ACTH (22-39) see ACTH(22-39)

ACTH(25-39)
(RN) 11138-17-3
(SY) 25-39 ACTH
(HM) *CORTICOTROPIN
(HM) *PEPTIDE FRAGMENTS

25-39 ACTH see ACTH(25-39)

ACTH(4-10)
(RN) 4037-01-8
(RR) 50843-13-5 ((D-Met)-isomer)
(RR) 56511-26-3 ((D-alpha Glu)-isomer)
(RR) 39661-43-3 (ZnPO4[1:1] salt)
(RR) 50913-59-2 ((D-Arg)-isomer)
(SY) ACTH (4-10)
(SY) MSH-ACTH (4-10)
(HM) *CORTICOTROPIN
(HM) *PEPTIDE FRAGMENTS
(II) MSH
(NO) part of ACTH molecule containing amino acids 4-10 of total 39 amino acid chain; heptapeptide common to MSH & ACTH; RN given refers to glycine cpd

ACTH (4-10) see ACTH(4-10)

ACTH 4-7 see ACTH(4-7)

ACTH(4-7)
(RN) 50842-42-7
(RR) 73912-84-2 (D-Phe cpd)
(RR) 50842-37-0 (D-met cpd)
(RR) 51645-05-7 (D-His cpd)
(SY) corticotropin (4-7)
(SY) ACTH 4-7
(HM) *CORTICOTROPIN
(HM) *PEPTIDE FRAGMENTS
(NO) RN given refers to L-Phe cpd

ACTH(4-9)
(RN) 56236-83-0
(SY) ACTH 4-9
(HM) *CORTICOTROPIN
(HM) *PEPTIDE FRAGMENTS

ACTH 4-9 see ACTH(4-9)

ACTH, 5-10- see ACTH(5-10)

ACTH(5-10)
(RN) 4086-29-7
(RR) 71340-18-6 (HCl)
(SY) 5-10 ACTH
(SY) corticotropin, 5-10-
(SY) ACTH, 5-10-
(HM) *CORTICOTROPIN
(HM) *PEPTIDE FRAGMENTS
(NO) RN given refers to parent cpd

5-10 ACTH see ACTH(5-10)

ACTH(5-14)
(RN) 24828-93-1
(HM) *CORTICOTROPIN
(HM) *PEPTIDE FRAGMENTS
(NO) RN given refers to all (L)-isomer; RN for cpd without isomeric designation not in Chemline 2/85

ACTH(7-10)
(RN) 51031-17-5
(RR) 83753-48-4 ((D-Phe-L-Arg-L-Trp)-isomer)
(RR) 58082-79-4 (monoacetate all (L)-isomer)
(SY) Phe-Arg-Trp-Gly
(SY) phenylalanyl-arginyl-tryptophyl-glycine
(HM) *CORTICOTROPIN
(HM) *PEPTIDE FRAGMENTS
(NO) RN given refers to all L-isomer; RN for cpd without isomeric designation not in Chemline 9/84

ACTH(7-38)
(RN) 68563-24-6
(SY) corticotropin-inhibiting peptide
(SY) (7-28)-corticotropin
(HM) *CORTICOTROPIN
(HM) *PEPTIDE FRAGMENTS
(PA) ACTH/antag

ACTH (7-39) see ACTH(7-39)

ACTH(7-39)
(SY) 7-39 ACTH
(SY) ACTH (7-39)
(HM) *CORTICOTROPIN
(HM) *PEPTIDE FRAGMENTS

7-39 ACTH see ACTH(7-39)

actifed
(RN) 8054-27-1
(SY) trifed
(HM) *TRIPROLIDINE
(HM) *EPHEDRINE
(HM) DRUG COMBINATIONS
(PA) ANTIHISTAMINICS
(NO) combination antihistaminic of triprolidine & pseudoephedrine

actin binding protein see actin-binding protein

actin-binding protein
(SY) brevin
(SY) actin-binding proteins
(SY) acumentin
(SY) actin binding protein
(SY) capactins
(HM) *CARRIER PROTEINS
(II) CONTRACTILE PROTEINS
(II) ACTINS
(NO) contractile protein MW 260,000 in membrane & soluble fraction of human blood platelets; in binding to actin, brevin inhibits polymerization & shortens the actin filaments; acumentin, from macrophages, caps "pointed" end of actin filaments inhibiting monomer addition

actin-binding proteins see actin-binding protein

actin-capping proteins see actin depolymerizing proteins

actin depolymerizing protein, blood see actin depolymerizing proteins

actin depolymerizing proteins
(SY) actin depolymerizing protein, blood
(SY) BADPP
(SY) actin polymerization inhibitor, polymorphonuclear leukocytes
(SY) serum actin inhibitory protein
(SY) brain actin depolymerizing protein
(SY) depactin
(SY) oocyte actin depolymerizing protein
(SY) blood actin depolymerizing protein
(SY) actin-capping proteins
(SY) actin filament capping protein
(SY) capping protein, actin
(HM) *PROTEINS
(II) ACTINS
(II) BLOOD PROTEINS
(II) NERVE TISSUE PROTEINS
(II) EGG PROTEINS
(NO) disrupts actin filaments in plasma & serum & brain; also from starfish oocytes; from ameba with MW 74000

actin filament capping protein see actin depolymerizing proteins

actin gelation protein see actin gelation proteins

actin gelation proteins
(SY) actin gelation protein
(SY) gelactin
(HM) *MICROFILAMENT PROTEINS
(II) AMOEBA
(II) GELS
(NO) calcium-sensitive actin cross-linking protein from Acanthamoeba castellanii; also protein MW 200,000 isolated from rabbit liver; promotes lateral association of actin filaments

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actinidin
(RN) EC 3.4.22.14
(RR) 39279-27-1 (CRN)
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) thiol protease from Actinidia chinensis (Chinese gooseberries)

actinidine
(RN) 524-03-8
(RR) 32115-42-7 (HCl salt(+)-(R)-isomer)
(HM) *ALKALOIDS
(NO) previously known alkaloid isolated from valerian (Valeriana officinalis, L.); RN given refers to the (S)-(-)-isomer; RN for cpd without isomeric designation not in Chemline 8/1/83 structure in first source

actin-modulating protein see actin-modulating proteins

actin-modulating proteins
(SY) AM-protein
(SY) actin-modulating protein
(SY) calcium-dependent actin-modulator proteins
(HM) *PROTEINS
(II) PHYSARUM
(II) FUNGAL PROTEINS
(NO) have been characterized form Physarum & bovine thyroid & pig stomach

actinobolin
(RN) 24397-89-5
(RR) 33758-21-3 (sulfate[1:1])
(RR) 31327-55-6 (sulfate)
(RR) 18802-17-0 (sulfate[2:1](3R-(3alpha,4alpha(S*),4abeta,5beta,6alpha))-isomer)
(SY) 2-amino-N-(3,4,4a,5,6,7-hexahydro-5,6,8-trihydroxy-3-methyl-1-oxo-1H-2-benzopyran-4-yl) propanamide
(HM) *ANTIBIOTICS
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) active against broad spectrum of bacteria & variety of rodent neoplasms; minor descriptor (75-85); on-line & Index Medicus search ANTIBIOTICS (75-85); RN given refers to (3R-(3alpha,4alpha(S*),4abeta,5beta,6alpha))-isomer; RN for cpd without isomeric designation not in Chemline 7/85

actinogelin
(HM) *MICROFILAMENT PROTEINS
(II) CELL MOVEMENT
(II) NEOPLASM PROTEINS
(NO) regulatory protein of cell motility, enhances gelation of actin filaments in absence of Ca ions; purified from Ehrlich tumor cells

Actinogen see actodigin

actinoidin see actinoidins

actinoidins
(RN) 39319-82-9
(RR) 12622-71-8 (HCl)
(SY) actinoidin
(HM) VANCOMYCIN/*analogs
(NO) belongs to vancomycin antibiotic group; RN given refers to actinoidin

actinomycin C see cactinomycin

actinomycin D-dATGCAT complex
(RN) 53360-01-3
(SY) ADdATGCAT
(SY) d(ApGpCpT)2-actinomycin D complex
(HM) *ACTINOMYCIN D
(HM) *OLIGODEOXYRIBONUCLEOTIDES
(NO) RN given in first source; RN not in Chemline 5/84

actinomycin S3
(RN) 11097-67-9
(HM) ACTINOMYCIN/*analogs

actinomycin X
(RN) 50813-20-2
(HM) *ACTINOMYCIN
(NO) from Streptomyces galbus ISP-5089

actinonin
(RN) 13434-13-4
(HM) HYDROXAMIC ACIDS
(PA) ANTIBIOTICS
(NO) natural hydroxamic acid, pseudopeptide antibiotic isolated from Streptomyces species; structure

actinorhodin
(RN) 1397-77-9
(HM) ANTHRAQUINONES
(PA) ANTIBIOTICS
(NO) structure

actin polymerization inhibitor, polymorphonuclear leukocytes see actin depolymerizing proteins

actin subfragments
(SY) actin-S1
(SY) actosubfragment 1
(HM) *ACTINS
(HM) *PEPTIDE FRAGMENTS

actin-S1 see actin subfragments

actithiazic acid see mycobacidin

activated Factor IX see Factor IX, activated

activated Factor IX complex see Factor IX, activated

activated Factor X see Factor Xa

activated factor XI see factor XIa

activated-PEG(2) see 2,4-bis(O-methoxypolyethylene glycol)-6-chloro-s- triazine

activated protein C inhibitor see protein C inhibitor

activating enzyme, nitrogenase see nitrogenase activating enzyme

actodigin
(RN) 36983-69-4
(SY) AY 22,241
(SY) Actinogen
(SY) 3 beta-D-glucopyranosyl-14 beta,24-dihydroxy-21, 23-bisnor-5 beta-chol-20(22)-ene-20-carboxylic acid gamma-lactone
(HM) *CARDENOLIDES
(II) DIGITALIS GLYCOSIDES
(NO) structure

acto-heavy meromyosin see meromyosin subfragments

actomol see mebanazine

actomyosin subfragment-1 see myosin subfragments

actosubfragment 1 see actin subfragments

Actovegin
(RN) 63748-11-8
(HM) HEME/*analogs
(NO) deproteinized heme derivative; used in therapy of radiogenic cystitis

Actrapid insulin see insulin, neutral

N-Ac-Trp(1,3)-4-Cl-Phe(2)-Arg(6)-Ala(10)-LHRH see LHRH, N-Ac-Trp(1,3)-4-Cl-Phe(2)-Arg(6)-Ala(10)-

N-Ac-Trp(1,3)-4-Cl-Phe(2)-Lys(6)-AlaNH(2)(10)-LHRH see LHRH, N-Ac-Trp(1,3)-4-Cl-Phe(2)-Lys(6)-AlaNH(2)(10)-

N-Ac-Trp(1,3)-4-Cl-Phe(2)-Phe(6)-Ala(10)-LHRH see LHRH, N-Ac-Trp(1,3)-4-Cl-Phe(2)-Phe(6)-Ala(10)-

Ac-Tyr-PAB see 4-(N-acetyltyrosyl)aminobenzoic acid

N-Ac-Tyr(1)-Phe(2)-somatotropin releasing hormone(1-29)-NH2 see somatotropin releasing hormone(1-29)amide, N-Ac-Tyr(1) -Phe(2)-

aculeacin A see aculeacins

aculeacins
(RN) 58814-86-1
(SY) aculeacin A
(HM) *ANTIBIOTICS, ANTIFUNGAL
(NO) RN is for aculeacin A

aculeximycin
(RN) 87912-51-4
(HM) *ANTIBIOTICS
(NO) isolated from Streptosporangium albidum; no other information available

acumentin see actin-binding protein

acute-phase reactant proteins
(SY) APRP
(HM) *BLOOD PROTEINS
(NO) may include serum protein hexose, ceruloplasmin, transferrin, alpha 1-antitrypsin, seromucoid, haptoglobin; used as aid in diagnosis of malignancy & monitoring of cancer patients

acutin
(RN) EC 3.4.99.-
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) thrombin-like enzyme isolated from Agki 'rodon acutus; degrades prothrombin

Ac-Val-Thr-Leu-Phe-Lys-NHCH3 see beta-endorphin (15-19), Ac-Val(15)-Lys(19) methylamide-

ACVP see VAP-cyclo

Ac-VTLPL-NHCH3 see beta-endorphin (15-19), Ac-Val(15)-Lys(19) methylamide-

acyclo-GMP see acyclovir monophosphate

acycloguanosine monophosphate see acyclovir monophosphate

acyclovir 2'-O-glycyl ester see 2'-O-glycyl acyclovir

acyclovir monophosphate
(RN) 66341-16-0
(SY) acycloguanosine monophosphate
(SY) acyclo-GMP
(HM) ACYCLOVIR/*analogs
(NO) structure given in first source

acyclovir triphosphate
(RN) 66341-18-2
(SY) 9-(2-hydroxyethoxymethyl)guanine triphosphate
(HM) ACYCLOVIR/*analogs
(PA) ANTIVIRAL AGENTS
(PA) DNA POLYMERASE II/antag

acyl-ACP-thioesterase see acyl-acyl carrier protein thioesterase

acyl-(acyl-carrier-protein)-phospholipid acyltransferase
(RN) EC 2.3.1.40
(SY) 2-acyl-GPE acyltransferase
(SY) 2-acylglycerophosphoethanolamine acyltransferase
(HM) *ACYLTRANSFERASES
(NO) catalyzes the formation of phosphatidylethanolamine from acyl-acyl carrier protein & 2-acyl-sn-glycero-3-phosphoethanolamine

acyl-(acyl-carrier-protein)synthetase see acyl-(acyl-carrier-protein) synthetase

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acyl-(acyl-carrier-protein) synthetase
(RN) EC 6.2.-
(SY) fatty acid-acyl carrier protein ligase (AMP)
(SY) acyl-(acyl-carrier-protein)synthetase
(SY) AACP synthetase
(HM) *LIGASES
(NO) fatty acid, acyl-carrier-protein-SH & ATP gives acyl-(acyl-carrier-protein), AMP & PPi

acyl-acyl carrier protein thioesterase
(RN) EC 3.1.2.-
(SY) acyl-ACP-thioesterase
(SY) oleoyl-ACP-thioesterase
(HM) *THIOLESTER HYDROLASES
(NO) in plants; releases oleate formed from stearoyl-acyl carrier protein

acylamidase see amidase

acylamino acid amidohydrolase see aminoacylase I

acylamino-acid-releasing enzyme
(RN) EC 3.4.19.1
(HM) *PEPTIDE HYDROLASES

acylase see amidase

acylase I see aminoacylase I

N-acyl-L-aspartate amidohydrolase see aspartoacylase

acylcarnitine hydrolase
(RN) EC 3.1.1.28
(RR) 37278-42-5 (CRN)
(SY) carnitine ester hydrolase
(HM) *CARBOXYLIC ESTER HYDROLASES

acylcarnitine translocase see carnitine-acetylcarnitine translocase

(acyl-carrier-protein) acetyltransferase
(RN) EC 2.3.1.38
(SY) acetyl-CoA transacylase
(SY) acetyl coenzyme A-acyl carrier protein transacylase
(HM) *ACETYLTRANSFERASES

(acyl-carrier-protein) malonyltransferase
(RN) EC 2.3.1.39
(SY) malonyl-CoA-ACP-transacylase
(HM) *ACYLTRANSFERASES

(acyl-carrier-protein) phosphodiesterase
(RN) EC 3.1.4.14
(SY) holo-(acyl carrier protein) hydrolase
(SY) 4'-phosphopantetheine hydrolase
(SY) 4'-phosphopantetheine-holofatty acid synthetase hydrolase
(HM) *PHOSPHODIESTERASES

acyl carrier protein synthase see holo-(acyl-carrier-protein) synthase

acyl CoA-1-acyl-syn-glycerol-3-phosphate O-acyltransferase see 1-acylglycerophosphate acyltransferase

acyl-CoA 2-acyl-sn-glycerol-3-phosphate O- acyltransferase see 2-acylglycerophosphate acyltransferase

acyl-CoA 1-acyl-sn-glycero-3-phosphorylcholine acyltransferase see 1-acylglycerophosphocholine acyltransferase

acyl-CoA 2-acyl-sn-glycero-3-phosphorylcholine acyltransferase see 2-acylglycerophosphocholine acyltransferase

acyl-CoA carboxylase
(RN) EC 6.4.1.-
(HM) *LIGASES
(NO) catalyzes carboxylation (ATP, Mg ++, MCO(3)-dependent) of acetyl-CoA, propionyl CoA, & butyryl CoA; from nematode Turbatrix aceti

acyl-CoA dehydrogenase
(RN) EC 1.3.99.3
(RR) 9027-65-0 (CRN)
(SY) fatty-acyl CoA dehydrogenase
(SY) palmitoyl-CoA dehydrogenase
(HM) *FATTY ACID DESATURASES
(NO) see also records for specific fatty acyl groups which have full EC Nomenclature number; electron-transferring flavoprotein system reducing ubiquinone & other acceptors; formerly EC 1.3.2.2

acyl-CoA dehydrogenase (NADPH)
(RN) EC 1.3.1.8
(RR) 37251-07-3 (CRN)
(SY) 2-enoyl-CoA reductase (NADPH)
(SY) cis-2-enoyl-CoA reductase (NADPH)
(SY) trans-2-enoyl-CoA reductase
(HM) *FATTY ACID DESATURASES
(NO) acts on 2-enoyl-CoA derivatives; involved in degradation of fatty acids; on-line & Index Medicus search FATTY ACID DESATURASES (82-84)

acyl CoA-dihydroxyacetone phosphate acyltransferase see dihydroxyacetone-phosphate acyltransferase

acyl-CoA hydrolase
(RN) EC 3.1.2.-
(SY) acyl-thioesterase
(SY) oleoyl-CoA thioesterase
(SY) acyl-CoA thioesterase
(HM) *THIOLESTER HYDROLASES
(NO) Saccharomyces cerevisiae submitochondrial enzyme; conains ATPase activity; preferred substrate is oleoyl-CoA

acyl-CoA ligase see acyl-CoA synthetase

acyl CoA-monoacylglycerophosphateacyltransferase see 1-acylglycerophosphate acyltransferase

acyl-CoA oxidase
(RN) EC 1.3.3.-
(SY) fatty acyl-conzyme A oxidase
(SY) fatty acyl CoA oxidase
(HM) *OXIDOREDUCTASES
(NO) catalyzes stoichiometric conversion of palmitoyl-CoA & O2 into 2-hexadecenoyl-CoA & H2O2; oxidizes acyl-CoA's with carbon chain lengths of 4 to 20; most active toward lauroyl-CoA, but not acetyl- or succinyl-CoA

acyl-CoA reductase see hexadecanal dehydrogenase (acylating)

Acyl CoA-retinol acyltransferase see retinol ester synthetase

acyl-CoA synthetase
(RN) EC 6.2.1.3
(RR) 9013-18-7 (CRN)
(SY) fatty acid thiokinase (long chain)
(SY) acid-coenzyme A ligase
(SY) fatty acid-CoA ligase
(SY) long-chain-fatty-acid-CoA ligase
(SY) acyl-CoA ligase
(HM) *COENZYME A SYNTHETASES
(NO) activity is independent of phosphatidylcholine

acyl-CoA thioesterase see acyl-CoA hydrolase

acyl-CoA transferase
(RN) EC 2.8.3.-
(SY) propionate CoA-transferase
(HM) *SULFURTRANSFERASES
(NO) transfers CoA from succinyl-CoA to propionate, forming propionyl-CoA plus succinate

acyl-DHAP oxidoreductase see palmitoyldihydroxyacetone-phosphate reductase

acyl dihydroxyacetone phosphate NADPH oxidoreductase see palmitoyldihydroxyacetone-phosphate reductase

acyl-dihydroxyacetone phosphate oxidoreductase see palmitoyldihydroxyacetone-phosphate reductase

3-acyl-2-(6-doxylpalmitoyl)phosphatidyl choline
(SY) 3-ADPPC
(HM) *PHOSPHATIDYLCHOLINES
(NO) structure in first source

N-acylethanolamine see N-acylethanolamines

N-acylethanolamines
(SY) N-acylethanolamine
(HM) *ETHANOLAMINES
(NO) includes N-hexadecanoyl-, N-heptadecanoyl-, N-octadecanoyl- cpds

acyl fatty acid synthase hydrolase see S-acyl fatty acid synthase thioester hydrolase

S-acyl fatty acid synthase thioester hydrolase
(RN) EC 3.1.2.-
(SY) acyl fatty acid synthase hydrolase
(SY) AFA synthase hydrolase
(HM) *THIOLESTER HYDROLASES

acylglucosamine 2-epimerase
(RN) EC 5.1.3.8
(SY) N-acetylglucosamine 2-epimerase
(SY) UDP-N-acetyl-D-glucosamine 2'-epimerase
(HM) *CARBOHYDRATE ISOMERASES

acylglycerol acylhydrolase
(RN) Ec 3.1.1.-
(HM) *CARBOXYLIC ESTER HYDROLASES
(NO) hydrolyzes fatty acids from 1 or 2 position of diglycerides

acylglycerol palmitoyltransferase
(RN) EC 2.3.1.22
(RR) 9055-17-8 (CRN)
(SY) monoglyceride acyltransferase
(HM) *ACYLTRANSFERASES

1-acylglycerophosphate acyltransferase
(RN) EC 2.3.1.51
(RR) 51901-16-7 (CRN)
(SY) acyl CoA-monoacylglycerophosphateacyltransferase
(SY) acyl CoA-1-acyl-syn-glycerol-3-phosphate O-acyltransferase
(SY) 1-palmitylglycerol 3-phosphate acyltransferase
(SY) 1-AGP-acyltransferase
(HM) *ACYLTRANSFERASES

2-acylglycerophosphate acyltransferase
(RN) EC 2.3.1.52
(SY) acyl-CoA 2-acyl-sn-glycerol-3-phosphate O-acyltransferase
(SY) lysophosphatidic acid acyltransferase
(SY) 2-palmitoyl-CoA monopalmitoyl-sn-glycerol 3-phosphate palmitoyltransferase
(HM) *ACYLTRANSFERASES

1-acylglycerophosphocholine acyltransferase
(RN) EC 2.3.1.-
(SY) acyl-CoA 1-acyl-sn-glycero-3-phosphorylcholine acyltransferase
(SY) AGPC acyltransferase
(SY) 1-acyl-GPC acyltransferase
(SY) 1-AGPC acyltransferase
(HM) *ACYLTRANSFERASES

2-acylglycerophosphocholine acyltransferase
(RN) EC 2.3.1.62
(SY) acyl-CoA 2-acyl-sn-glycero-3-phosphorylcholine acyltransferase
(SY) 2-acyl-GPC acyltransferase
(HM) *ACYLTRANSFERASES

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2-acylglycerophosphoethanolamine acyltransferase see acyl-(acyl-carrier-protein)-phospholipid acyltransferase

1-acyl-glycerophosphorylcholine see 1-acylglycerylphosphorylcholine

1-acylglycerophosphorylinositol acyltransferase
(RN) EC 2.3.1.-
(SY) 1-acyl-GPI acyltransferase
(HM) *ACYLTRANSFERASES

1-acylglycerylphosphorylcholine
(SY) 1-acyl-glycerophosphorylcholine
(SY) 1-acyl-GPC
(SY) 1-acyl-sn-glycero-3-phosphorylcholine
(HM) GLYCERYLPHOSPHORYLCHOLINE/*analogs

1-acyl-GPC acyltransferase see 1-acylglycerophosphocholine acyltransferase

2-acyl-GPC acyltransferase see 2-acylglycerophosphocholine acyltransferase

1-acyl-GPC see 1-acylglycerylphosphorylcholine

2-acyl-GPE acyltransferase see acyl-(acyl-carrier-protein)-phospholipid acyltransferase

1-acyl-GPI acyltransferase see 1-acylglycerophosphorylinositol acyltransferase

acyl hydrazines see hydrazides

N-acylkansosamine
(SY) 4,6-dideoxy-2-O-methyl-3-C-methyl-4-(2'-methoxypropionamido)manno-hexopyranose
(HM) *AMINO SUGARS
(NO) N-acylamino sugar from trehalose-containing lipopolysaccharide antigens of Mycobacterium kansasii

N-acylneuraminate-9-phosphatase
(RN) EC 3.1.3.29
(SY) N-acetylneuraminate 9-phosphatase
(HM) *PHOSPHOMONOESTERASES
(NO) hydrolyzes N-acylneuraminate 9-phosphate ester to N-acylneuraminate & orthophosphate

acylneuraminate pyruvate lyase see N-acetylneuraminate lyase

Acylon see ridomil

acylphosphatase
(RN) EC 3.6.1.7
(RR) 9012-34-4 (CRN)
(SY) carbamyl phosphate phosphatase
(SY) CAP phosphatase
(HM) *PHOSPHATASES

acylpolyamine amidohydrolase see acetylspermidine deacetylase

acyl protein synthetase
(RN) EC 2.3.1.-
(HM) *ACYLTRANSFERASES
(NO) component of the fatty acid reductase complex of luminescent bacteria

1-acyl-sn-glycero-3-phosphorylcholine see 1-acylglycerylphosphorylcholine

acylsphingosine deacylase
(RN) EC 3.5.1.23
(SY) ceramidase
(SY) ceramide hydrolase
(SY) ceramide synthetase
(HM) *AMIDOHYDROLASES

acyl-thioesterase see acyl-CoA hydrolase

ACY1 see aminoacylase I

AC 119
(RN) 80296-67-9
(SY) AC-119
(HM) THEOPHYLLINE/*analogs
(NO) bamifylline metabolite in human plasma; structure given in first source

AC-119 see AC 119

AC 1370
(RN) 85287-61-2
(RR) 84414-10-8 (di-Na hydroxide inner salt(6R-(6alpha,7beta))-isomer)
(SY) AC-1370
(SY) 7 beta-D-alpha-(4(5)-carboxyimidazole-5(4)-carboxamido)phenylacetamido-3-(4-beta-sulfoethylpyridinium)methyl-3-cephem-4- carboxylic acid
(SY) U 63196 E
(SY) U63196-E
(SY) U-63196-E
(HM) *CEPHALOSPORINS
(NO) semisynthetic cephalosporin; structure given in first source; RN given refers to mono-Na hydroxide inner salt(6R-(6alpha,6beta(R*)))-isomer

AC-1370 see AC 1370

AC 155
(RN) 80296-68-0
(SY) AC-155
(HM) THEOPHYLLINE/*analogs
(NO) bamifylline metabolite in human plasma; structure given in first source

AC-155 see AC 155

AC-206,784 see xylachlor

AC 206784 see xylachlor

AC-217300 see Amdro

AC 217,300 see Amdro

AC 2770 see pentaformylgitoxin

3'-Ac-T2 see 3'-acetyl-3,5-diiodothyronine

AC 3579 see AC-3579

AC-3579
(RN) 39038-32-9
(SY) NSC 170561
(SY) 2-(4'-methylpiperazino-1-methyl)-1,3-diazafluoranthene 1-oxide
(SY) AC 3579
(HM) *FLUORENES
(PA) HYPNOTICS AND SEDATIVES
(PA) ANTINEOPLASTIC AGENTS
(NO) structure

AC 85
(RN) 80296-66-8
(SY) AC-85
(HM) THEOPHYLLINE/*analogs
(NO) bamifylline metabolite in human plasma; structure given in first source

AC-85 see AC 85

ada(+) gene product see gene proteins, bacterial

adamantane diazirine
(RN) 41736-95-2
(RR) 74280-01-6 (5'-(3H)-labeled cpd)
(SY) spiro(adamantane-2,2'-diazirine)
(HM) ADAMANTANE/*analogs
(NO) structure in second source

adamantanone
(RN) 700-58-3
(HM) ADAMANTANE/*analogs
(NO) structure

N,N'-(1-adamantil)ethylenediamine dibromide see N,N'-bis(1-adamantyl)ethylenediamine

adamantylamide-alanyl-isoglutamine
(RN) 89813-21-8
(SY) adamantylamide dipeptide
(HM) AMANTADINE/*analogs
(HM) *DIPEPTIDES
(II) ADJUVANTS, IMMUNOLOGIC
(NO) RN from Toxline; RN not in Chemline 5/85

adamantylamide dipeptide see adamantylamide-alanyl-isoglutamine

N-(1-adamantyl)-2-(2-dimethylaminoethoxy)acetamide see tromantadine

adamantyl nitroxide
(RN) 55204-70-1
(SY) 2,2'-dimethyl-5-adamantyloxazolidine-N-oxyl
(HM) ADAMANTANE/*analogs
(HM) *CYCLIC N-OXIDES
(II) SPIN LABELS
(NO) spin label for probing membrane surfaces; structure given in first source

4-(1-adamantyloxy)aniline
(HM) ADAMANTANE/*analogs
(PA) ANTILIPEMIC AGENTS
(NO) hypobetalipoproteinemic agent; structure

Adaptic
(RN) 28654-11-7
(RR) 65666-81-1 (Adaptic Enamel Bond)
(RR) 62965-91-7 (Adaptic Resin)
(RR) 62253-08-11 (Adaptic Glaze)
(RR) 62253-07-0 (Adaptic Bonding Agent)
(SY) bisphenol A-glycidyl methacrylate polymer
(HM) *POLYMETHACRYLIC ACIDS
(NO) composite filling material; do not confuse with adaptic, which is valnoctamide in Negwer, 5th ed, #872; RN given refers to parent cpd

Adaptic Radiopaque
(RN) 69279-85-2
(HM) *COMPOSITE RESINS
(II) CONTRAST MEDIA

11-ADAP see 11 alpha-diazoacetate progesterone

Ada regulatory protein, E coli
(SY) E coli Ada protein
(HM) *BACTERIAL PROTEINS
(NO) MW 39,385, 354 amino acid regulatory protein of E coli

ADase CON PR see adenosine deaminase-binding proteins

ADA 202-718
(SY) ADA-202-718
(SY) ethylene-2,2'-bis(dithio)bis(ethanol)
(HM) *DISULFIDES
(II) ADJUVANTS, IMMUNOLOGIC

ADA-202-718 see ADA 202-718

6-ADBCH see 6-amino-1,3-dihydroxybenzocycloheptene

ADB-cobamide see (2-amino-5,6-dimethylbenzimidazolyl)cobamide

ADCA see bisantrene

cis-ADCP see 1-amino-1,3-dicarboxycyclopentane

ADCP see adenosine deaminase complexing protein

AD-CYCL AMP see 5'-(6-aminopurin-9-yl)-5'-deoxyribofuranose 1',2'- cyclic monophosphate

ADdATGCAT see actinomycin D-dATGCAT complex

2-ADDFA see 2-amino-3-O-demethyl-2-deoxyfortimicin A

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additional cell envelope protein, Aeromonas
(SY) ACE protein
(HM) *BACTERIAL PROTEINS
(HM) *MEMBRANE PROTEINS
(NO) constituent of an additional surface layer outside the outer membrane of the fish pathogenic bacterium Aeromonas salmonicida; MW 54,000

5-ADDOT see 5'-amino-5'-deoxythymidine

ADD-3878 see ciglitazone

ADD 3878 see ciglitazone

ADEHCH see acetyl-N,N-diethylhomocholine

ADEKO
(RN) 88527-77-9
(HM) METHYLNITROSOUREA/*analogs
(PA) ANTINEOPLASTIC AGENTS
(NO) carbohydrate derivative of methylnitrosourea

Adelfan-esidrex see adelphan-esidrex

adelphan-esidrex
(RN) 8064-04-8
(SY) Adelfan-esidrex
(HM) *HYDROCHLOROTHIAZIDE
(HM) *HYDRALAZINE
(HM) *RESERPINE
(HM) DRUG COMBINATIONS
(PA) ANTIHYPERTENSIVE AGENTS
(NO) contains reserpine, hydralazine & hydrochlorothiazide

adenine aminohydrolase see adenine deaminase

adenine deaminase
(RN) EC 3.5.4.2
(RR) 9027-68-3 (CRN)
(SY) adenine aminohydrolase
(HM) *AMINOHYDROLASES

adenine(5'-deoxy-5'-methylthio)9-beta-D-furanoriboside see 5'-methylthioadenosine

adenine DNA methylase Eco dam see DNA-adenine methylase

adenine methylase see DNA-adenine methylase

adenine-uracil dimers
(HM) *URACIL
(HM) *ADENINE

3-adenin-9-yl-2-hydroxypropanoic acid
(RN) 94535-32-7
(SY) 3-AHPA
(HM) ADENINE/*analogs
(PA) ANTIVIRAL AGENTS
(NO) RN from Toxline; RN not in Chemline 7/85; structure given in first source

3-(adenin-9-yl)propionhistamide HCl monohydrate see 3-(adenin-9-yl)propionhistamide

3-(adenin-9-yl)propionhistamide
(SY) 3-(adenin-9-yl)propionhistamide HCl monohydrate
(SY) 3-ADYPH
(HM) HISTAMINE/*analogs
(HM) ADENINE/*analogs

adenosinase see adenosine nucleosidase

adenosine-alpha,beta-methylene diphosphate see AOPCP

adenosine-5 alpha, beta-methylene diphosphonate see AOPCP

adenosine 5'-(alpha,beta-methylene)triphosphate see alpha,beta-methyleneadenosine 5'-triphosphate

adenosine 5'-(alpha-thio)diphospho-5'-ribofuranosylnicotinamide
(SY) NAD(S)
(HM) NAD/*analogs
(NO) oxygen atom replaced by sulfur atom in the alpha-phosphate group of NAD; has reduced susceptibility to phosphodiesterase; structure given in first source

adenosine (beta,gamma-methylene)triphosphate see 5'-adenylyl methylenediphosphonate

adenosine 5'-beta,gamma-methylenetriphosphate see 5'-adenylyl methylenediphosphonate

adenosine-5'-(3'(2')-bis(diphosphate) see adenosine 3'-diphosphate 5'-diphosphate

adenosine 2',5'-bisphosphate see adenosine 2',5'-diphosphate

adenosine-5'-carboxylic acid ethyl ester see Abbott 40557

adenosine cyclic 3',5'-monophosphate binding proteins
(SY) cyclic AMP binding proteins
(SY) CYCL AMP BP
(SY) cyclic-AMP-binding protein
(SY) erythrocyte cyclic AMP binding proteins
(SY) cAMP binding protein
(SY) cyclic AMP-adenosine binding protein
(SY) CAMP ABP
(SY) adenosine 3',5'-monophosphate adenosine binding protein
(SY) nucleotide-binding proteins
(HM) *CARRIER PROTEINS
(II) NEOPLASM PROTEINS
(II) RECEPTORS, CYCLIC AMP
(II) ERYTHROCYTES
(II) ADENOSINE CYCLIC MONOPHOSPHATE
(NO) has inverse relationship with estrogen receptors

adenosine 3',5'-cyclic monophosphodimethylamidate see adenosine 3',5'-monophosphodimethylamidate

adenosine 3',5'-cyclic monophosphorothioate see adenosine-3',5'-cyclic phosphorothioate

adenosine-3',5'-cyclic phosphorothioate
(RN) 23645-17-2
(SY) adenosine 3',5'-cyclic monophosphorothioate
(SY) adenosine-3',5'-monophosphorothioate
(SY) cyclic APT
(SY) adenosine 3',5'-monothionophosphate
(HM) ADENOSINE CYCLIC MONOPHOSPHATE/*analogs
(HM) *THIONUCLEOTIDES

adenosine deaminase binding proteins see adenosine deaminase-binding proteins

adenosine deaminase-binding proteins
(SY) adenosine deaminase conversion protein
(SY) ADase CON PR
(SY) adenosine deaminase combining protein
(SY) adenosine deaminase binding proteins
(HM) *CARRIER PROTEINS
(II) ADENOSINE DEAMINASE

adenosine deaminase combining protein see adenosine deaminase-binding proteins

adenosine deaminase complexing protein
(SY) ADCP
(HM) *ADENOSINE DEAMINASE
(HM) *GLYCOPROTEINS
(II) ISOENZYMES
(NO) isoenzyme of adenosine deaminase complexed with 1 molecule of a dimeric glycoprotein

adenosine deaminase conversion protein see adenosine deaminase-binding proteins

adenosine dialdehyde see periodate-oxidized adenosine

Adenosine, 5'-O-(4,6-dihydroxy-1,3,5,2,4,6-trioxaarsaphosphorinan-2-yl)-, P,P',P''-trioxide see cyclic adenosine-5'-trimetaphosphate

Adenosine, 5'-O-(4,6-dihydroxy-1,3,5,2,4,6-trioxotriphosphorinan-2-yl)-, P,P',P''-trioxide see cyclic adenosine-5'-trimetaphosphate

adenosine diphosphate-G-actin see ADP-G-actin

adenosine 5'-diphosphate 2',3'-dialdehyde
(RN) 64060-84-0
(SY) dial-ADP
(SY) ADP-dialdehyde
(HM) ADENOSINE DIPHOSPHATE/*analogs
(II) AFFINITY LABELS

adenosine 3'-diphosphate 5'-diphosphate
(RN) 28218-64-6
(SY) ppApp
(SY) adenosine-5'-(3'(2')-bis(diphosphate)
(HM) *ADENINE NUCLEOTIDES

adenosine diphosphate-ferric chelate
(SY) ADP-Fe chelate
(SY) ADP-iron chelate
(HM) ADENOSINE DIPHOSPHATE/*analogs
(II) IRON CHELATES

adenosine diphosphate receptor
(SY) adenosine diphosphate receptors
(SY) receptor, adenosine diphosphate
(SY) ADP receptor
(SY) ADP receptors
(SY) receptor, ADP
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) ADENOSINE DIPHOSPHATE

adenosine diphosphate receptors see adenosine diphosphate receptor

adenosine diphosphate reductase see ADP reductase

adenosine 2',5'-diphosphate
(RN) 3805-37-6
(SY) adenosine 2',5'-bisphosphate
(SY) Ado(2',5')P2
(HM) *ADENOSINE DIPHOSPHATE
(II) ISOMERISM

adenosine-5'-(N-ethylcarboxamide)
(RN) 35920-39-9
(SY) 765-21
(SY) 744-96
(SY) 5'-N-ethylcarboxamidoadenosine
(SY) N(6)-ethylcarboxamide adenosine
(HM) ADENOSINE/*analogs
(PA) VASODILATOR AGENTS
(NO) structure given in first source

adenosine 5'-O-(gamma-thiotriphosphate) see adenosine 5'-O-(3-thiotriphosphate)

adenosine 5'-(gamma-S)triphosphate see adenosine 5'-O-(3-thiotriphosphate)

adenosine hydrolase see adenosine nucleosidase

adenosine monophosphatase
(RN) EC 3.1.3.-
(SY) AMPase
(HM) *NUCLEOTIDASES

adenosine monophosphate-adenosine
(RN) 2596-55-6
(SY) AP-A
(HM) ADENOSINE MONOPHOSPHATE/*analogs
(NO) dinucleoside monophosphate; RN given for 5'-5' cpd

adenosine 3',5'-monophosphate adenosine binding protein see adenosine cyclic 3',5'-monophosphate binding proteins

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adenosine monophosphate-agarose see adenosine monophosphate-sepharose

adenosine monophosphate cytidine see adenylyl-(3'-5')-cytidine

adenosine 5'-monophosphate 2',3'-dialdehyde
(RN) 13011-02-4
(SY) 2',3'-dialdehyde AMP
(SY) dial-AMP
(HM) ADENOSINE MONOPHOSPHATE/*analogs
(II) AFFINITY LABELS
(II) H(+)-TRANSPORTING ATPASE/antag

adenosine monophosphate-sepharose
(RN) 71330-40-0
(SY) AMP-agarose
(SY) AMP-sepharose
(SY) adenosine monophosphate-agarose
(SY) Agarose, (6-((9-(5-O-phosphono-beta-D-ribofuranosyl)-9H-purin-6-yl)amino)hexyl) carbamimidate-
(SY) hexyladenosine 5'-monophosphate-sepharose
(SY) AHAMP
(SY) agarose-hexyl-AMP
(SY) agarose-hexyl-adenosine-5'-monophosphate
(SY) sepharose-hexyl-adenosine 5'-monophosphate
(SY) hexyl-adenosine 5'-monophosphate-sepharose
(HM) ADENOSINE MONOPHOSPHATE/*analogs
(HM) *SEPHAROSE/analogs

adenosine 3',5'-monophosphodimethylamidate
(SY) cAMPPN(CH3)2
(SY) adenosine 3',5'-cyclic monophosphodimethylamidate
(HM) ADENOSINE CYCLIC MONOPHOSPHATE/*analogs
(PA) PROTEIN KINASES/antag

adenosine 2'-monophospho- 5'-diphosphoribose see phosphoadenosine diphosphoribose

adenosine-3',5'-monophosphorothioate see adenosine-3',5'-cyclic phosphorothioate

adenosine 3',5'-monothionophosphate see adenosine-3',5'-cyclic phosphorothioate

adenosine nucleosidase
(RN) EC 3.2.2.7
(RR) 9075-41-6 (CRN)
(SY) adenosinase
(SY) adenosine hydrolase
(HM) *NUCLEOSIDASES

adenosine 3'-phosphate 5'-phosphosulfate reductase see PAPS sulfotransferase

adenosine 3'-phosphate 5'-phosphosulfate sulfotransferase see PAPS sulfotransferase

adenosine 5'-phospho-2-methylimidazolide
(RN) 31008-65-8
(SY) 2-MeIMPA
(HM) ADENOSINE MONOPHOSPHATE/*analogs

adenosine 5'-phosphoramidate
(RN) 6154-31-0
(HM) ADENOSINE MONOPHOSPHATE/*analogs

adenosine 5'-phosphoroimidazolide
(RN) 20816-58-4
(HM) ADENOSINE MONOPHOSPHATE/*analogs

adenosine 5'-phosphorothioate
(RN) 19341-57-2
(RR) 19379-17-0 (Na salt)
(SY) adenosine 5'-O-thiomonophosphate
(SY) AMP-S
(SY) adenosine 5'-thiophosphate
(HM) *THIONUCLEOTIDES
(HM) ADENOSINE MONOPHOSPHATE/*analogs
(NO) RN given refers to parent cpd

adenosine phosphorylase
(RN) EC 2.4.2-
(HM) *PURINE NUCLEOSIDE PHOSPHORYLASES
(NO) similar to EC 2.4.2.1, but 2.4.2.1 does not act on adenosine, from Mycoplasma adenosine; yields adenine

adenosine 5'-phosphosulfate kinase see adenylylsulfate kinase

adenosine 5'phosphosulfate reductase see adenylylsulfate reductase

adenosine-5'-phosphosulfate sulphohydrolase see adenylylsulphatase

adenosine receptor
(SY) adenosine receptors
(SY) receptor, adenosine
(SY) adenosine receptor A1
(SY) adenosine receptor A2
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) ADENOSINE
(NO) cell surface receptors which mediate either stimulation or inhibition of adenylate cyclase activity

adenosine receptor A1 see adenosine receptor

adenosine receptor A2 see adenosine receptor

adenosine receptors see adenosine receptor

adenosine 5'-sulfatophosphate kinase see adenylylsulfate kinase

adenosine 5'-sulfatophosphate sulfohydrolase see adenylylsulphatase

adenosine 5'-P(1)-tetraphosphate-P(4)-5"'-guanosine
(SY) AP4G
(HM) *ADENINE NUCLEOTIDES
(HM) GUANOSINE/*analogs

adenosine 5'-tetraphosphate
(RN) 1062-98-2
(HM) *ADENINE NUCLEOTIDES

adenosine(5')tetraphospho(5')adenosine see diadenosine tetraphosphate

adenosine 5'-O-(1-thiodiphosphate)
(RN) 51777-22-1
(SY) ADPalphaS
(SY) ADP alpha S
(HM) ADENOSINE DIPHOSPHATE/*analogs
(HM) *THIONUCLEOTIDES

adenosine 5'-O-(2-thiodiphosphate)
(RN) 35094-45-2
(SY) beta-thio-ADP
(SY) ADP beta-S
(HM) ADENOSINE DIPHOSPHATE/*analogs
(HM) *THIONUCLEOTIDES
(NO) partial agonist toward platelet aggregation; see also record for 1-thiodiphosphate cpd

adenosine 5'-O-thiomonophosphate see adenosine 5'-phosphorothioate

adenosine 5'-thiophosphate see adenosine 5'-phosphorothioate

adenosine 5'-thiotriphosphate see adenosine 5'-O-thiotriphosphate

adenosine 5'-O-thiotriphosphate
(RN) 35094-46-3
(SY) adenosine 5'-thiotriphosphate
(HM) ADENOSINE TRIPHOSPHATE/*analogs
(II) AFFINITY LABELS
(NO) RN given refers to cpd with unspecified locant for thio group; see also records for 1-thio, 2-thio & 3-thio-isomers

adenosine 5'-O-(2-thiotriphosphate)
(SY) ATP beta S
(SY) ATP beta-S
(SY) adenosine 5'-(2-thio)triphosphate
(SY) adenosine 5'-(2-thiotriphosphate)
(HM) ADENOSINE TRIPHOSPHATE/*analogs
(HM) *THIONUCLEOTIDES
(II) AFFINITY LABELS
(NO) see also records for unspecified locant for thio group & 1-thio & 3-thio-isomers

adenosine 5'-O-(3-thiotriphosphate)
(SY) ATP gamma-S
(SY) adenosine-5'-(3-thiotriphosphate)
(SY) gamma-thio-ATP
(SY) adenosine 5'-O-(gamma-thiotriphosphate)
(SY) adenosine 5'-(gamma-S)triphosphate
(SY) adenosine 5'-(3-thio)triphosphate
(HM) ADENOSINE TRIPHOSPHATE/*analogs
(HM) *THIONUCLEOTIDES
(II) AFFINITY LABELS
(NO) see also records for unspecified locant for thio group & 1-thio & 2-thio-isomers

adenosine 5'-(1-thio)triphosphate
(SY) adenosine-5'-(1-thiotriphosphate)
(SY) ATP alpha-S
(HM) *THIONUCLEOTIDES
(NO) see also records for unspecified locant for thio group & 2-thio & 3-thio-isomers

adenosine-5'-(1-thiotriphosphate) see adenosine 5'-(1-thio)triphosphate

adenosine 5'-(2-thiotriphosphate) see adenosine 5'-O-(2-thiotriphosphate)

adenosine 5'-(2-thio)triphosphate see adenosine 5'-O-(2-thiotriphosphate)

adenosine-5'-(3-thiotriphosphate) see adenosine 5'-O-(3-thiotriphosphate)

adenosine 5'-(3-thio)triphosphate see adenosine 5'-O-(3-thiotriphosphate)

adenosine-5'-trimetaphosphate see cyclic adenosine-5'-trimetaphosphate

adenosinetriphosphatase inhibitory peptide see ATPase inhibitory protein

adenosine triphosphate-G-actin see ATP-G-actin

adenosine triphosphate adenosine monophosphate adenosine monophosphate
(RN) 65954-93-0
(SY) PPPA(1)'P(5)'A(2)'P(5)'A
(SY) PPAPAPA
(SY) pppA2'p5'A2'p5'A
(SY) pppA2'-5'A2'-5'A
(HM) *ADENINE NUCLEOTIDES
(HM) *OLIGORIBONUCLEOTIDES
(II) FLUORESCENT DYES
(NO) see also 2',5'-oligoadenylate

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adenosine triphosphate–2',5'–adenosine monophosphate
(SY) pppA(2'p5'A)
(SY) 5'–tripospho–(2'–5')adenyladenosine
(HM) *ADENINE NUCLEOTIDES
(HM) *OLIGORIBONUCLEOTIDES

adenosine 5'–triphosphate 5'–adenosine
(RN) 5959–90–0
(SY) adenosine(5')triphospho(5')adenosine
(SY) 5'Ap3A
(HM) *ADENINE NUCLEOTIDES

adenosine triphosphate–dependent proteolytic system see ATP–dependent endoprotease

adenosine 5'–triphosphate 2',3',–dialdehyde see 2',3'–dialdehyde ATP

adenosine 5'–triphosphate 3'–diphosphate
(RN) 53951–06–7
(RR) 57421–48–4 (Na salt)
(RR) 57421–49–5 (Li salt)
(SY) pppApp
(HM) *ADENINE NUCLEOTIDES
(NO) RN given refers to parent cpd

adenosine triphosphate–iron complex see ferric–adenosine triphosphate complex

adenosine triphosphate receptor see ATP receptor

adenosine triphosphate receptors see ATP receptor

adenosine triphosphate uridine monophosphate
(RN) 61070–25–5
(SY) pppApU
(HM) *OLIGORIBONUCLEOTIDES

(adenosine triphosphato)tetraamminecobalt(III) see tetraamminecobalt(III)ATP

adenosine(5')triphospho(5')adenosine see adenosine 5'–triphosphate 5'–adenosine

adenosylcobalamin see cobamamide

adenosyl corrinoids
(HM) VITAMIN B 12/*analogs

S–adenosyl–1,8–diamino–3–thiooctane see S–adenosyl–3–thio–1,8–diaminooctane

S–adenosylethionine
(RN) 524–70–9
(HM) ETHIONINE/*analogs
(HM) ADENOSINE/*analogs

adenosylhomocysteinase
(RN) EC 3.3.1.1
(RR) 9025–54–1 (CRN)
(SY) S–adenosylhomocysteine hydrolase
(SY) S–adenosylhomocysteine synthase
(SY) SAH hydrolase
(HM) *HYDROLASES

S–adenosylhomocysteine hydrolase see adenosylhomocysteinase

S–adenosylhomocysteine synthase see adenosylhomocysteinase

30–(5'–adenosyl)hopane
(HM) *TRITERPENES
(HM) ADENOSINE/*analogs
(NO) from Rhodopseudomonas acidophila; structure given in first source

adenosylmethionase see adenosylmethionine hydrolase

S–adenosylmethionine–calmodulin(lysine)N–methyltransferase see calmodulin–lysine methyltransferase

S–adenosylmethionine cleaving enzyme see adenosylmethionine hydrolase

S–adenosylmethionine–delta 24–sterol–C– methyltransferase see delta 24–sterol methyltransferase

S–adenosylmethionine–3,4–dihydroxy–5–polyprenylbenzoate–O–methyltransferase
(RN) EC 2.1.1.–
(SY) 3,4–OH–5–PPB–O–Me–transferase
(HM) *METHYLTRANSFERASES
(NO) involved in ubiquinone biosynthesis

adenosylmethionine hydrolase
(RN) EC 3.3.1.2
(RR) 37288–62–3 (CRN)
(SY) S–adenosylmethionine cleaving enzyme
(SY) adenosylmethioninase
(SY) SAMase
(HM) *HYDROLASES

S–adenosyl–L–methionine–macrocin O–methyltransferase
(RN) EC 2.1.1.–
(SY) macrocin O–methyltransferase
(SY) macrocin O–MT
(HM) *METHYLTRANSFERASES
(NO) requires Mg(II) & S–adenosyl–L–methionine; specifically converts macrocin to tylosin by O–methylation at 3''''–position of macrocin

S–adenosylmethionine phosphatidylethanolamine N–methyltransferase see phosphatidylethanolamine methyltransferase

S–adenosylmethionine–vitexin 2''–O–rhamnoside–7–O–methyltransferase
(RN) EC 2.1.1.–
(SY) AM–VR–methyltransferase
(SY) vitexin rhamnoside methyltransferase
(HM) *METHYLTRANSFERASES
(NO) catalyzes the A–ring methylation of the flavonoid vitexin rhamnoside in oat leaves

S–adenosylmethionine zymosterol methyltransferase see delta 24–sterol methyltransferase

S–adenosyl–2–methylmethionine
(RN) 16720–69–7
(HM) S–ADENOSYLMETHIONINE/*analogs
(NO) inhibitor of mammalian S–adenosyl–L–methionine decarboxylase

S–adenosyl–3–methylthiopropylamine
(RN) 22365–13–5
(SY) S–adenosyl(5')–3–methylthiopropylamine
(SY) decarboxylated S–adenosylmethionine
(SY) S–5'–deoxyadenosyl–(5')–3–methylthiopropylamine
(HM) S–ADENOSYLMETHIONINE/*analogs
(NO) decarboxylated S–adenosylmethionine

S–adenosyl(5')–3–methylthiopropylamine see S–adenosyl–3–methylthiopropylamine

S–adenosyl–3–thio–1,8–diaminooctane
(RN) 76426–40–9
(SY) SATDAO
(SY) AdoDATO
(SY) S–adenosyl–1,8–diamino–3–thiooctane
(HM) ADENOSINE/*analogs
(NO) structure given in first source

S–adenosyl–3–thiopropylamine
(RN) 53186–57–5
(RR) 53186–58–6 (sulfate[1:1])
(HM) S–ADENOSYLHOMOCYSTEINE/*analogs
(NO) decarboxylated S–adenosylhomocysteine; RN given refers to parent cpd

adenovirus early region transforming proteins
(SY) adenovirus E1a protein
(SY) adenovirus E1b protein
(HM) *ONCOGENE PROTEINS, VIRAL
(II) ANTIGENS, VIRAL, TUMOR
(NO) adenovirus E1b consists of 495 amino acid residues, MW 57,000

adenovirus hexon protein see hexon

adenovirus penton base protein see penton base

adenovirus E1a protein see adenovirus early region transforming proteins

adenovirus E1b protein see adenovirus early region transforming proteins

adenovirus 72K protein
(SY) protein 72K (adenovirus)
(HM) *VIRAL PROTEINS
(II) DNA–BINDING PROTEINS
(NO) MW 72,000; forms a nucleoprotein complex with single stranded DNA generated as a result of displacement replication

adenovirus type–2 vaccine (canine)
(SY) CAV–2 vaccine (canine)
(HM) *VIRAL VACCINES
(NO) used for immunization of dogs against infectious canine hepatitis which is caused by canine adenovirus type–1

5'–adenylate–aminohexyl–sepharose see N(6)–(6–aminohexyl)–adenosine 5'–monophosphate–sepharose

adenylate cyclase receptor complex see ARF protein cofactor

adenyl cyclase inhibitor protein
(SY) ACIP
(HM) *NERVE TISSUE PROTEINS
(PA) ADENYL CYCLASE/antag
(NO) from rabbit cerebral cortex detergent extract; appears to be different from calmodulin binding protein

adenylosuccinate
(RN) 19240–42–7
(HM) ADENOSINE MONOPHOSPHATE/*analogs

adenylyl–(2'–5')–adenosine
(RN) 2273–76–9
(SY) A2'–5'A
(HM) ADENOSINE MONOPHOSPHATE/*analogs

adenylyl–(3'–5')–adenosine
(RN) 2391–46–0
(HM) ADENOSINE MONOPHOSPHATE/*analogs
(NO) structure

adenylyl–adenylyl–adenosine see ApApA

adenylyl–(2'–5')–adenylyl–(2'–5') adenosine bis–phosphoramidate
(RN) 81010–22–2
(SY) AAA–BPPA
(HM) *OLIGORIBONUCLEOTIDES
(HM) *ADENINE NUCLEOTIDES
(NO) inhibits protein synthesis in intact mouse lymphocytes, hepatocytes & bone marrow cells

adenylyl–(2'–5')–adenylyl–(2'–5') adenosine
(RN) 70062–83–8
(SY) A2'–5'A2'–5'A
(SY) A2'p5'A2'p5'A
(HM) *ADENINE NUCLEOTIDES
(NO) inhibits protein synthesis in intact mouse lymphocytes, hepatocytes & bone marrow cells

adenylyl–(3'–5')–adenylyl–(3'–5')–adenosine see ApApA

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P(1)–adenylyl–5'–2'–adenylyl–5'–2'–adenosyl–P(3)–n–decylaminotriphosphate
(SY) n-decyl-NHpppA2'p5'A2'p5'A
(SY) DNPPPAPAPA
(HM) *ADENINE NUCLEOTIDES
(HM) *OLIGORIBONUCLEOTIDES
(NO) phosphate-resistant, active pppA2'p5'A2'p5'A analog

adenylyl–(3'–5')–adenylyl–(3'–5')–adenylyl–(3'–5')–adenosine
(RN) 4042-12-0
(SY) (AP)3A
(HM) *OLIGORIBONUCLEOTIDES
(HM) *ADENINE NUCLEOTIDES

5'–adenylyl (alpha,beta–bromomethylene) diphosphonate
(SY) alpha,beta-bromomethylene-ATP
(SY) pp(CHBr)pA
(HM) ADENOSINE TRIPHOSPHATASE/*analogs
(PA) ACETYL COA CARBOXYLASE/antag
(NO) structure given in first source

5'–adenylyl (beta,gamma–bromomethylene) diphosphonate
(SY) beta,gamma-bromomethylene-ATP
(SY) p(CHBr)ppA
(HM) ADENOSINE TRIPHOSPHATASE/*analogs
(PA) ACETYL COA CARBOXYLASE/antag
(NO) structure given in first source

adenylyl(beta,gamma–methylene)diphosphonate see 5'-adenylyl methylenediphosphonate

adenylyl–(3'–5')–cytidine
(SY) adenosine monophosphate cytidine
(SY) ApCy
(HM) *ADENOSINE MONOPHOSPHATE
(HM) CYTIDINE/*analogs

adenylyl dihydrostreptomycin
(SY) DHS-AMP
(HM) DIHYDROSTREPTOMYCIN/*analogs

adenylyl–(3'–5')–guanosine
(RN) 3352-23-6
(HM) GUANOSINE/*analogs
(HM) ADENOSINE MONOPHOSPHATE/*analogs

adenylyl methylene diphosphate see 5'-adenylyl methylenediphosphonate

adenylyl methylenediphosphate see 5'-adenylyl methylenediphosphonate

5'–adenylyl methylenediphosphonate
(RN) 3469-78-1
(SY) AMPPCP
(SY) adenylyl methylene diphosphate
(SY) beta, gamma-methylene-ATP
(SY) adenosine (beta,gamma-methylene)triphosphate
(SY) AMP-PCP
(SY) adenylyl(beta,gamma-methylene)diphosphonate
(SY) adenylyl methylenediphosphate
(SY) adenosine 5'-beta,gamma-methylenetriphosphate
(SY) APCPP
(HM) ADENOSINE TRIPHOSPHATE/*analogs

adenylyl–(3'–5')ribavirin see adenylyl–(3'–5')–virazole

adenylylsulfate kinase
(RN) EC 2.7.1.25
(RR) 9012-38-8 (CRN)
(SY) APS kinase
(SY) ATP-adenylylsulfate 3'-phosphotransferase
(SY) adenosine 5'-phosphosulfate kinase
(SY) adenosine 5'-sulfatophosphate kinase
(HM) *PHOSPHOTRANSFERASES, ATP

adenylylsulfate reductase
(RN) EC 1.8.99.2
(SY) adenosine 5'phosphosulfate reductase
(SY) AMP sulfite-(acceptor) oxidoreductase
(HM) *OXIDOREDUCTASES

adenylylsulphatase
(RN) EC 3.6.2.1
(SY) adenosine-5'-phosphosulfate sulphohydrolase
(SY) adenosine 5'-sulfatophosphate sulfohydrolase
(HM) *SULFATASES

adenylyl transferase see glutamine-synthetase adenylyltransferase

2"–O–adenylyltransferase see gentamicin 2"-nucleotidyltransferase

adenylyl–tyrosine see tyrosinyl-5'-AMP

adenylyl–(3'–5')–uridine 3'–monophosphate
(RN) 1985-21-3
(SY) ApUp
(SY) adenylyl-(3'-5')-3'-uridylic acid
(HM) *OLIGORIBONUCLEOTIDES

adenylyl–(3'–5')–uridine
(RN) 3051-84-1
(HM) ADENOSINE MONOPHOSPHATE/*analogs

adenylyl–(3'–5')–3'–uridylic acid see adenylyl–(3'–5')–uridine 3'–monophosphate

adenylyl–(3'–5')–virazole
(RN) 80948-57-8
(SY) adenylyl-(3'-5')ribavirin
(HM) *RIBAVIRIN/analogs
(HM) ADENOSINE MONOPHOSPHATE/*analogs
(NO) no other information available 12/22/82

adepren
(RN) 58916-73-7
(SY) 1-methyl-4-quinolonimine
(HM) *AMINOQUINOLINES
(PA) MONOAMINE OXIDASE INHIBITORS
(NO) Bulgarian preperation

Adeturon
(RN) 63346-83-8
(HM) AET/*analogs
(HM) ADENOSINE TRIPHOSPHATE/*analogs
(PA) RADIATION-PROTECTIVE AGENTS

3–ADFA see 3-amino-3-demethoxyfortimicin A

ADFF see 2-acetamido-2-deoxy-6-O-beta galactopyranosylgalactopyranose

ADFMP see alpha-difluoromethylputrescine

5–ADFM see 5-((2-aminoethyl)thiomethyl)-N,N-dimethyl-2-furanmethanamine

ADGHE see 2,6-anhydro-1-deoxygluco-hept-1-enitol

1–ADGMI see 1-O-alpha-2-acetamido-2-deoxygalactopyranosyl-myo-inositol

4–ADGR see 4-O-(2-acetamido-2-deoxy-beta-glucopyranosyl)ribitol

ADGSAC see (N-2-amino-2-deoxyglucose salicylaldimino)Copper II

adherence augmenting factor see granulocyte adherence factor

adherons see cell adhesion molecules

adhesin, E coli
(SY) adhesive protein, E coli
(HM) *BACTERIAL PROTEINS

adhesin, Moraxella
(SY) adhesin, Moraxella bovis
(HM) *BACTERIAL PROTEINS

adhesin, Moraxella bovis see adhesin, Moraxella

adhesin, Mycoplasma pneumonia
(SY) cytoadsorption protein P1, mycoplasma pneumonia
(HM) *BACTERIAL PROTEINS
(II) ADHESIVENESS
(NO) protein, MW 160,000–190,000; found on tip of Mycoplasma pneumoniae

adhesin, Pseudomonas
(SY) Pseudomonas adhesin
(SY) Pseudomonas lectin
(SY) Pseudomonas aeruginosa lectin PA-I
(SY) Pseudomonas aeruginosa lectin PA-II
(HM) *BACTERIAL PROTEINS
(II) LECTINS
(II) PSEUDOMONAS
(II) PILI, BACTERIAL

adhesive BF–6 see BF 6

adhesive 90 kD glycoprotein
(SY) mannosylglycoprotein, massive cutaneous hyalinosis
(SY) glycoprotein 90 kD
(HM) *GLYCOPROTEINS
(II) HYALIN SUBSTANCE
(NO) MW 90,000 noncollagenous adhesive mannosylglycoprotein from hyalin substance in massive cutaneous hyalinosis

adhesive protein, E coli see adhesin, E coli

adhesive protein (mussel)
(SY) polyphenolic protein
(HM) *PROTEINS
(II) MUSSELS
(NO) produced & stored in the exocrine phenol gland of the mussel & deposited onto marine surfaces by the animal's foot

ADHHN see 24-azido-3-((2,6-dideoxy-beta-hexapyranosyl)oxy)-14-hydroxy-21-norchol-20(22)-en-23-one

ADHIAD see 5-aminoacetamido-4,6-dimethyl-2-hydroxyisophthalic acid diethyl ester

2–ADHI see 2-amino-4,6-dihydroxyindan

ADHPS see alkyldihydroxyacetone phosphate synthetase

ADIC
(HM) DOXORUBICIN
(HM) DACARBAZINE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above 2 cpds

adicillin see penicillin N

4,16–adien–3–one synthase see 4,16-androstadien-3-one synthesizing enzyme

adimicin
(RN) 8065-26-7
(SY) ericyclin
(HM) *OXYTETRACYCLINE
(HM) DRUG COMBINATIONS
(HM) *ERYTHROMYCIN
(NO) contains oxytetracycline di-HCl & erythromycin propionate laurylsulfate; Russian drug

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adimolol
(RN) 78459-19-5
(HM) *PROPANOLAMINES
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS
(NO) RN from USAN; RN not in Chemline 7/85; structure in USAN

adinazolam
(RN) 37115-32-5
(HM) *BENZODIAZEPINES
(PA) ANTIDEPRESSIVE AGENTS
(NO) structure in first source

5-adiol receptor see 5-androstane-3,17-diol receptor

adipate see adipic acid

adipic acid
(RN) 124-04-9
(RR) 7242-69-5 (Cu(+2)[1:1] salt)
(RR) 5683-79-4 (mono-NH4)
(RR) 3385-41-9 (di-NH4 salt)
(RR) 23311-84-4 (unspecified Na salt)
(RR) 22322-28-7 (unspecified Ca salt)19147-16-1 (di-K salt)
(RR) 7486-38-6 (di-Na salt)
(RR) 7486-39-7 (Mg[1:1] salt)
(RR) 51137-10-1 (Cu(+2) salt)
(RR) 50603-05-9 (unspecified Cu salt)
(RR) 40975-75-5 (unspecified Ni salt)
(RR) 25666-61-9 (unspecified K salt)
(SY) magnesium adipate
(SY) adipate
(SY) sodium adipate
(HM) *ADIPIC ACIDS
(NO) RN given refers to parent cpd

N(2),N(2')-adipodihydrazido-bis-(N(6)-carbonylmethyl-NAD)
(RN) 69861-86-5
(SY) bis-NAD
(HM) NAD/*analogs
(II) AFFINITY LABELS
(NO) structure

adipokinetic hormone (locust)
(RN) 53027-55-7
(HM) *INSECT HORMONES
(II) GRASSHOPPERS
(NO) decapeptide

adipokinetic hormone (Manduca sexta)
(SY) AKH-M
(SY) Manduca sexta cardioacceleratory peptides
(HM) *INSECT HORMONES
(NO) nonapeptide with glycogen phosphorylase activity

adiponitrile
(RN) 111-69-3
(SY) hexanedinitrile
(HM) *NITRILES

(adipoyl-Arg B22)insulin see insulin, adipoyl-

adipoyl-insulin see insulin, adipoyl-

adjuvant P40
(SY) adjuvant P 40
(SY) P40
(SY) P 40
(HM) *ADJUVANTS, IMMUNOLOGIC
(II) CORYNEBACTERIUM
(NO) immunostimulant from Corynebacterium granulosum

adjuvant P 40 see adjuvant P40

ADM
(HM) DOXORUBICIN
(HM) MITOLACTOL
(HM) MITOMYCINS
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above 3 cpds

3-ADMAO see 3 beta-acetoxy-5,6 beta-dichloromethylene-5 beta- androstan-17-one

ADMDNL see N-(alpha)-(4-amino-4-deoxy-N(10)-methylpteroyl)-N-(epsilon)-(5-(N,N-dimethylamino)-1-naphthalenesulfonyl)lysine

Ad-min
(HM) *COPPER
(HM) *COBALT
(HM) DRUG COMBINATIONS
(II) SHEEP
(NO) mineral supplement containing 300g copper oxychloride & 80g cobalt sulfate per kg; effective in raising copper concentrations in liver of sheep

ADMP see 5-amino-5-deoxymannopyranoside

ADMU see 6-amino-5-(formyl-N-methylamino)-1,3-dimethyluracil

ADOAP
(HM) DOXORUBICIN
(HM) CYTARABINE
(HM) VINCRISTINE
(HM) PREDNISONE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds; used in treatment of leukemia

AdoCbl see cobamamide

ADOC protocol
(HM) DOXORUBICIN
(HM) CISPLATIN
(HM) CYCLOPHOSPHAMIDE
(HM) VINCRISTINE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds; used in therapy of thymoma

AdoDATO see S-adenosyl-3-thio-1,8-diaminooctane

adolapin
(RN) 79029-92-8
(RR) 76559-67-6 (adolapin I)
(RR) 76559-68-7 (adolapin II)
(HM) *PEPTIDES
(PA) ANALGESICS, ANTI-INFLAMMATORY
(II) BEE VENOMS
(NO) analgesic, anti-inflammatory peptide from bee venom; RN given refers too unspecified cpd

Ado(2',5')P2 see adenosine 2',5'-diphosphate

ADP-actin see ADP-G-actin

ADP-G-actin
(SY) ADP-actin
(SY) adenosine diphosphate-G-actin
(HM) *ACTINS
(HM) ADENOSINE DIPHOSPHATE/*analogs

ADP alpha S see adenosine 5'-O-(1-thiodiphosphate)

ADPalphaS see adenosine 5'-O-(1-thiodiphosphate)

ADP-ATP carrier receptor
(SY) receptor, ATP,ADP-carrier
(SY) ADP,ATP carrier receptors
(SY) ADP-ATP carrier receptors
(SY) receptor, ADP-ATP carrier
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) ADENINE NUCLEOTIDE TRANSLOCASE

ADP-ATP carrier receptors see ADP-ATP carrier receptor

ADP,ATP carrier receptors see ADP-ATP carrier receptor

ADP beta-S see adenosine 5'-O-(2-thiodiphosphate)

ADP-dialdehyde see adenosine 5'-diphosphate 2',3'-dialdehyde

ADP-Fe chelate see adenosine diphosphate-ferric chelate

ADPglucose pyrophosphorylase see glucose-1-phosphate adenylyltransferase

ADP-glucose synthetase see glucose-1-phosphate adenylyltransferase

ADP-L-glycero-D-mannoheptose-6-epimerase
(RN) EC 5.1.3.-
(SY) ADP-GMH-epimerase
(HM) *CARBOHYDRATE ISOMERASES
(NO) converts ADP-D-glycero-D-mannoheptose to ADP-L-glycero-D-mannoheptose

ADP-GMH-epimerase see ADP-L-glycero-D-mannoheptose-6-epimerase

ADPG synthetase see glucose-1-phosphate adenylyltransferase

ADP-iron chelate see adenosine diphosphate-ferric chelate

ADP kinase see ATP synthetase

3-ADPPC see 3-acyl-2-(6-doxylpalmitoyl)phosphatidyl choline

ADPPGM see N-(4-(((2-amino-3,4,5,6,7,8-hexahydro-4-oxo-5-((2'-deoxyuridin-5-yl)methyl)pyrido(3,2-d)pyrimidin-6-yl) methyl)amino)benzoyl)glutamic acid 5'-monophosphate

ADP-RA-cleavage enzyme see ADP-ribose-arginine cleavage enzyme

ADP receptor see adenosine diphosphate receptor

ADP receptors see adenosine diphosphate receptor

ADP reductase
(RN) EC 1.17.4.-
(SY) adenosine diphosphate reductase
(HM) *RIBONUCLEOSIDE DIPHOSPHATE REDUCTASE

ADP-ribose-Arg see ADP-ribosylarginine

ADP-ribose-arginine cleavage enzyme
(RN) EC 4.2.99.-
(SY) ADPribose-arginine cleavage enzyme
(SY) ADP-RA-cleavage enzyme
(HM) *LYASES
(NO) acts on ADPribose arginine to yield ADPribose & arginine

ADPribose-arginine cleavage enzyme see ADP-ribose-arginine cleavage enzyme

ADP-ribose-histone hydrolase
(RN) EC 4.2.99.-
(SY) ADP-ribosyl histone splitting enzyme
(SY) ADP-ribosyl protein lyase
(HM) *LYASES
(NO) splits bond between ADP ribose & histone

ADP ribose transferase see ADP ribosyltransferase

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ADP-ribosylarginine
(RN) 71388-78-8
(SY) ADP-ribose-Arg
(HM) *ADENOSINE DIPHOSPHATE RIBOSE/analogs
(NO) RN given refers to (L-Arg-D-ribofuranosyl)-isomer; Rn for cpd without isomeric designation not in Chemline 12/84

ADP-ribosyl histone splitting enzyme see ADP-ribose-histone hydrolase

ADP-ribosyl protein lyase see ADP-ribose-histone hydrolase

ADP-ribosyltransferase see ADP ribosyltransferase

ADP ribosyltransferase
(RN) EC 2.7.7.-
(SY) ADP ribose transferase
(SY) exoenzyme S
(SY) ADP-ribosyltransferase
(SY) mono(adenosine diphosphate ribosyl)transferase
(HM) *NUCLEOTIDYLTRANSFERASES
(NO) various bacterial toxins have this activity; from NAD; peptide elongation factors may be recipient

2',5'-ADP-sepharose
(SY) 2',5'-ADP-Sepharose
(SY) 5'-ADP-sepharose 4B
(HM) SEPHAROSE/*analogs
(NO) absorbent showing specificity toward NADP(H)-dependent enzymes

2',5'-ADP-Sepharose see 2',5'-ADP-sepharose

5'-ADP-sepharose 4B see 2',5'-ADP-sepharose

N-ADPT see N-acetyldemethylphosphinothricin

ADP-thymidine 5'-phosphotransferase
(RN) EC 2.7.1.-
(HM) *PHOSPHOTRANSFERASES
(NO) induced by herpes simplex virus infection of mouse fibroblasts

adrafinil see CRL 40028

adrenalindipivalat see dipivefrin

adrenal medullary protein see synexin

adrenalone
(RN) 99-45-6
(RR) 62-13-5 (HCl)
(HM) EPINEPHRINE/*analogs
(NO) RN given refers to parent cpd

adrenal opioid peptide E
(HM) *ENDORPHINS
(NO) 3200-dalton peptide which contains both (Met) & (Leu)enkephalin sequence

adrenal-seminal-pituitary protein
(SY) ASP protein
(HM) *PROTEINS

adrenic acid
(RN) 2091-25-0
(RR) 28874-58-0 ((Z)-isomer)
(SY) 7,10,13,16-docosatetraenoic acid
(HM) *ERUCIC ACIDS
(NO) RN given refers to cpd without isomeric designation

adrenochrome semicarbazone sodium sulfonate see carbazochrome sodium sulfonate

adrenocorticotropin (1-13)NH2 see ACTH(1-13)

adrenocorticotropin zinc
(RN) 53468-06-7
(SY) tetracosactrin depot
(SY) synacthen depot
(SY) synacthen retard
(SY) Zn beta(1-24)ACTH
(SY) Cortrosyn Depot
(SY) ACTH-Z
(SY) ACTH zinc
(SY) zinc corticotropin
(HM) *COSYNTROPIN

adrenorphin
(RN) 88377-68-8
(SY) enkephalin-Met, Arg(6)-Arg(7)-Val-NH2(8)
(SY) methionine enkephalin-6,7-arginyl-8-valinamide
(SY) metorphamide
(HM) ENKEPHALIN, METHIONINE/*analogs
(NO) opioid octapeptide from human & bovine adrenal medulla & human phaeochromocytoma tumor; H-Tyr-Gly-Gly-Phe-Met-Arg-Arg-Val-NH2

adrenosterone
(RN) 382-45-6
(SY) 4-androstene-3,11,17-trione
(HM) *ANDROSTENES

adriamycin aglycone
(RN) 24385-10-2
(SY) adriamycinone
(SY) adriamycinon
(HM) *NAPHTHACENES
(NO) RN given refers to (8S-cis)-isomer; RN for cpd without isomeric designation not in Chemline 11/4/83

adriamycin-DNA see doxorubicin-DNA

adriamycin-iron complex see doxorubicin-iron complex

adriamycinol
(RN) 54193-28-1
(RR) 63950-05-0 (HCl)
(SY) doxorubicinol
(HM) DOXORUBICIN/*analogs
(NO) RN given refers to parent cpd

adriamycinon see adriamycin aglycone

adriamycinone see adriamycin aglycone

adriamycin semiquinone radicals
(SY) doxorubicin semiquinone radicals
(HM) DOXORUBICIN/*analogs
(NO) oxygen sensitive; generated by microsomes

4-epi-adriamycin see 4'-epidoxorubicin

adroxazine
(HM) *HETEROCYCLIC COMPOUNDS
(II) ADRENAL GLANDS
(NO) heterocyclic cpd from adrenals; no other info available 6/85

ADRY agents
(HM) *OXIDOREDUCTASES
(II) UNCOUPLING AGENTS
(NO) acceleration of the deactivation reactions of the watersplitting enzyme Y agents

ADR 132
(RN) 86546-23-8
(SY) ADR-132
(HM) *ANION EXCHANGE RESINS
(NO) bile acid-sequestering anion exchange resins; no other information available

ADR-132 see ADR 132

A-1,5-DSA see anthracene-1,5-disulfonic acid

ADSF see aldosterone stimulating factor

ADSOL
(HM) *ADENINE
(HM) *DEXTROSE
(HM) *MANNITOL
(HM) *SODIUM CHLORIDE
(II) BLOOD PRESERVATION
(NO) preservative solution for long term red cell storage; designed for use with citrate phosphate dextrose

ADTA see 3-acetoxy-1,11,12-dolabell-4,8,18-trien-16-al

7-ADTC see (7,7-azo-3,12-dihydroxy-5-cholan-24-oyl)-2-aminoethanesulfonic acid

ADTN
(RN) 53463-78-8
(RR) 71074-52-7 ((S)-isomer)
(RR) 71074-51-6 ((R)-isomer)
(RR) 66996-60-9 (HCl)
(RR) 13575-86-5 (HBr)
(SY) 2-amino-6,7-dihydroxy-1,2,3,4-tetrahydronaphthalene
(SY) 6,7-ADTN
(SY) 6,7-dihydroxy-2-aminotetralin
(SY) 2-amino-6,7-dihydroxytetralin
(SY) 6,7-dihydroxy-3-chromanamine
(HM) *TETRAHYDRONAPHTHALENES
(NO) dopamine agonist; RN given refers to parent cpd without isomeric designation; structure

5,6-ADTN see 2-amino-5,6-dihydroxytetralin

6,7-ADTN see ADTN

3-ADTPP see 3'-deoxy-3'-aminothymidine-5'triphosphate

adult T-cell leukemia virus-associated antigen see human T-cell leukemia virus-associated antigen

AD-UMP-sepharose see 5'-amino-5'-deoxyuridine 2'(3')-phosphate-sepharose

3-ADYPH see 3-(adenin-9-yl)propionhistamide

AD-11 see AD 11

AD(11) see AD 11

AD 11
(RN) 74670-75-0
(SY) N-ethyl-4-cyanobenzenesulfonamide
(SY) AD(11)
(SY) AD-11
(HM) *SULFONAMIDES
(PA) ANTICONVULSANTS

AD 143
(SY) AD-143
(SY) N-trifluoroacetyladriamycin-14-O-hemiadipate
(HM) DOXORUBICIN/*analogs
(PA) RNA POLYMERASES/antag
(NO) structure given in first source

AD-143 see AD 143

AD 1590
(RN) 78499-27-1
(SY) AD-1590
(SY) 2-(8-methyl-10,11-dihydro-11-oxodibenz(b,f) oxepin-2-yl)propionic acid
(HM) *DIBENZOXEPINS
(PA) ANTIPYRETICS
(NO) structure given in first source

AD-1590 see AD 1590

AD-2239 see AD 2239

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AD 2239
(SY) 1-(2,3-dimethyl-4-methoxyphenyl)-2-methyl-3-(1-pyrrolidinyl)-1-propanone HCl
(SY) AD-2239
(HM) *PYRROLIDINES
(PA) MUSCLE RELAXANTS, CENTRAL
(NO) structure given in first source

AD-32 see N-trifluoroacetyladriamycin 14-valerate

AD 32 see N-trifluoroacetyladriamycin 14-valerate

AD(6) see AD 6

AD 6
(RN) 68206-94-0
(RR) 74697-28-2 (HCl)
(SY) 8-monochloro-3-beta-diethylaminoethyl-4-methyl-7-ethoxycarboxylmethoxycoumarin
(SY) AD(6)
(SY) 8-chlorocarbochromen
(HM) *CHROMONAR/analogs
(NO) RN given refers to parent cpd

AD 810 see zonisamide

AD-810 see zonisamide

3-AEADT see 3-aminopyridine 1,N(6)-ethenoadenine dinucleotide

AEBCH see 2-(1'-aminoethyl)bicyclo(2.2.1)heptane

AEBO sulfotransferase see androst-16-en-3 beta-ol sulfotransferase

AE-cellulose see aminoethyl cellulose

AECENADP see N(6)-(N-(2-aminoethyl)carbamoyl)NADP

AECEP-NAD see 2'-O-(N-(2-aminoethyl)carbamoylethyl)phosphono-NAD

1-AEC see 1-amino-2-ethylcyclopropane-1-carboxylic acid

AEDANS-calmodulin
(SY) IAEDANS-CaM
(HM) *NAPHTHALENESULFONATES
(II) FLUORESCENT DYES
(NO) fluorescent-labeled derivative of calmodulin with 1,5-I-AEDANS which retains affinity for calmodulin binding proteins

1,5-I-AEDANS
(RN) 36930-63-9
(SY) N-iodoacetyl-N'-(5-sulfo-1-naphthyl) ethylenediamine
(SY) 1,5-IAEDANS
(HM) *NAPHTHALENESULFONATES
(II) SULFHYDRYL REAGENTS
(II) FLUORESCENT DYES
(NO) fluorescent probes which are sulfhydryl reagents; combine reactivity of iodoacetamide toward sulfhydryl groups with spectral properties of naphthalenesulfonic acids; structure

1,8-I-AEDANS
(RN) 36930-64-0
(SY) N-(iodoacetylaminoethyl)-8-naphthylamine-1-sulfonic acid
(SY) 1,8-IAEDANS
(HM) *NAPHTHALENESULFONATES
(II) SULFHYDRYL REAGENTS
(II) FLOURESCENT DYES
(NO) fluorescent probes which are sulfhydryl reagents; combine reactivity of iodoacetamide toward sulfhydryl groups with spectral properties of naphthalenesulfonates; structure

AEDNH see 5-sulfo-1-naphthoxyacetic acid N-hydroxysuccinimide ester

3-AEDP see 3-acetylecdysone-2-phosphate

AEF see allogenic effect factor

AEHMEO see 1-acetoxy-17-ethinyl-17-hydroxy-18-methyl-4-estren-3-one

AEIQS see N-(2-aminoethyl)-5-isoquinolinesulfonamide

S-AEML see S-aminoethylmercaptolactic acid

A-ENAA see anti-ENA antibody

aerobactin
(RN) 26198-65-2
(SY) ferric-aerobactin
(HM) *HYDROXAMIC ACIDS
(II) IRON CHELATES
(NO) siderophore synthesized by Aerobacter aerogenes

aerobactin receptor
(SY) aerobactin receptors
(SY) receptor, aerobactin
(HM) *RECEPTORS, IMMUNOLOGIC

aerobactin receptors see aerobactin receptor

aerolysin
(RN) 53126-24-2
(HM) *BACTERIAL TOXINS
(PA) HEMOLYSINS
(NO) from Aeromonas hydrophila

Aeromonas aminopeptidase see Aeromonas proteolytica aminopeptidase

Aeromonas proteolytica aminopeptidase
(RN) EC 3.4.11.10
(SY) Aeromonas aminopeptidase
(HM) *AMINOPEPTIDASES

aeroplysinin I
(RN) 28656-91-9
(RR) 55057-73-3 (trans-(+-)-isomer)
(RR) 30951-40-7 ((1R-trans)-isomer)
(SY) aeroplysinin-I
(HM) *ACETONITRILES
(NO) isolated from sponge Aplysinidae; RN given refers to (1S-trans)-isomer; RN for cpd without isomeric designation not in Chemline 10/84

aeroplysinin-I see aeroplysinin I

aerosol OT see dioctyl sulfosuccinic acid

aeruginocin
(RN) 52232-71-0
(SY) aeruginocine
(HM) *BACTERIOCINS
(II) PSEUDOMONAS AERUGINOSA

aeruginocine see aeruginocin

aesculetin see esculetin

aethirazol see etipirol

aethonii see ethonium

aethonium see ethonium

aethophyllinum see etofylline

aethoxysklerol see polidocanol

aetoxisclerol see polidocanol

AETT see versalide

AF/ABDMP see DMB-rifampicin

A-factor (Streptomyces)
(RN) 51311-41-2
(SY) 2S-isocapryloyl-3S-hydroxymethyl-gamma-butyrolactone
(SY) L-factor (Streptomyces)
(HM) *GROWTH SUBSTANCES
(NO) specific bioregulator of Streptomyces griseus

AFADC see anti-alpha-fetoprotein antibody-daunomycin conjugate

AFA synthase hydrolase see S-acyl fatty acid synthase thioester hydrolase

AFB epoxide see aflatoxin B1-8,9-epoxide

AFC regime
(HM) FTORAFUR
(HM) DOXORUBICIN
(HM) CYTARABINE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds; used in treatment of bladder neoplasms

AF-CX 921 XX
(RN) 77946-49-7
(SY) AF-CX-921-XX
(SY) aminophenylmethylenebenzothiophene
(HM) *THIOPHENES
(PA) ANTICONVULSANTS

AF-CX-921-XX see AF-CX 921 XX

9-AFDOC see 9-fluorodeoxycorticosterone

Affi-gel blue see Cibacron Blue F 3GA

Affi gel blue see Cibacron Blue F 3GA

affi-gel 731
(RN) 78564-78-0
(SY) affi-gel-731
(HM) *GELS
(II) MICROSPHERES
(NO) from Bio-Rad Laboratories; no other info available 8/84

affi-gel-731 see affi-gel 731

AF glycoprotein see alpha-glycoprotein, fetospecific

AFGP see antifreeze glycoproteins

aflatoxicol
(RN) 29611-03-8
(RR) 61740-00-9 ((1R-(1alpha,6aalpha,9aalpha))-isomer)
(SY) aflatoxin R
(HM) *AFLATOXINS
(PA) CARCINOGENS
(NO) metabolite of aflatoxin B; RN given refers to (1S-(1alpha,6abeta,9abeta))-isomer; RN for cpd without isomeric designation not in Chemline 11/4/83; structure

aflatoxicol M1
(RN) 64330-03-6
(SY) 4-hydroxyaflatoxicol
(HM) *AFLATOXINS
(NO) trout metabolite

aflatoxin B2 alpha see aflatoxin B2

aflatoxin Q2a-bovine serum albumin
(SY) AFQ2a-BSA
(SY) AFQ2a-bovine serum albumin
(HM) *AFLATOXINS
(HM) *SERUM ALBUMIN, BOVINE
(PA) ANTIGENS
(NO) structure given in first source

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aflatoxin B1
(RN) 1162-65-8
(RR) 10279-73-9 ((cis)-(+-)-isomer)
(RR) 84415-24-7 (di-HCl(6aR-cis)-isomer)
(SY) aflatoxin B1 dichloride
(HM) *AFLATOXINS
(PA) CARCINOGENS
(NO) RN given refers to (6aR-cis)-isomer; RN for cpd without isomeric designation not in Chemline 8/2/83; structure

aflatoxin B2
(RN) 22040-96-6
(RR) 7220-81-7 ((6aR-cis)-isomer)
(SY) aflatoxin B2 alpha
(HM) *AFLATOXINS
(NO) RN given refers to cpd without isomeric designation

aflatoxin B1 dichloride see aflatoxin B1

aflatoxin B1-8,9-epoxide
(RN) 42583-46-0
(SY) AFB epoxide
(HM) *AFLATOXINS

aflatoxin G1
(RN) 1165-39-5
(HM) *AFLATOXINS
(NO) RN given refers to (7aR-cis)-isomer & is from 9th CI Form Index; RN for cpd without isomeric designation not in Chemline 11/4/83

aflatoxin G2
(RN) 7241-98-7
(HM) *AFLATOXINS

aflatoxin A1-hemisuccinate
(SY) AFQ1-HS
(HM) *AFLATOXINS
(PA) ANTIGENS
(NO) structure given in first source

aflatoxin M see aflatoxin M1

aflatoxin M1
(RN) 6795-23-9
(RR) 2325-49-9 ((+/-)-isomer)
(SY) aflatoxin M
(HM) *AFLATOXINS
(NO) RN given refers to cpd without isomeric designation

aflatoxin M2
(RN) 6885-57-0
(HM) *AFLATOXINS

aflatoxin P1
(RN) 32215-02-4
(HM) *AFLATOXINS
(NO) RN given refers to (6aR-cis)-isomer; RN for cpd without isomeric designation not in Chemline 9/84

aflatoxin Q1
(RN) 52819-96-2
(HM) *AFLATOXINS

aflatoxin Q2a
(RN) 89989-32-2
(SY) AFQ2a
(HM) *AFLATOXINS
(PA) ANTIGENS
(NO) structure given in first source

aflatoxin R see aflatoxicol

afloqualone
(RN) 56287-74-2
(HM) *QUINAZOLINES
(PA) MUSCLE RELAXANTS, CENTRAL

AFMIMD see S-aninylformamidino-4-(N-methylisothioamide)morpholine

AFMK see N-acetyl-N-formyl-5-methoxykynurenamine

AFMU see 5-acetylamino-6-formylamino-3-methyluracil

AFP-NIS see amyloid fibril protein Nis

AFP receptor see alpha-fetoprotein receptor

AFP-troponin I amide see N(alpha)-acetyl(fluorophenylalanyl (106))troponin I (104-115)amide

AFQ2a-bovine serum albumin see aflatoxin Q2a-bovine serum albumin

AFQ2a-BSA see aflatoxin Q2a-bovine serum albumin

AFQ1-HS see aflatoxin A1-hemisuccinate

AFQ2a see aflatoxin Q2a

AFSAM see 12-O-(azidoformyl)stearic acid methyl ester

AFSBF see 7-fluorobenzo-2-oxa-1,3-diazole-4-sulfonate

AF 1312-TS
(RN) 50264-86-3
(RR) 58586-26-8 (Na salt)
(SY) 1-p-chlorobenzyl-1H-indazole-3-carboxylic acid
(HM) *INDAZOLES
(PA) ANTISPERMATOGENIC AGENTS
(NO) RN given refers to cpd with isomeric designation; structure

afugin see dibenzthione

AF 013
(RN) 35225-13-9
(SY) rifamycin AF-013
(HM) *RIFAMYCINS
(NO) O-n-octyloxime of 3-formylrifamycin SV; inhibitor of nucleic acid polymerases

AF 1890 see lonidamine

AF 1923 see tolnidamine

AF 1934 see bendazac lysine

AF-1934 see bendazac lysine

AF 2259
(RN) 66332-77-2
(SY) guaiacol ibuprofen ester
(SY) 2-methoxyphenyl-alpha-methyl-4-(2-methylpropyl) benzene acetate
(SY) ibuprofen guaiacol ester
(HM) IBUPROFEN/*analogs

AF 53 see anordrin

AF64A see ethylcholine mustard aziridinium

agalacto-orosomucoid
(HM) OROSOMUCOID/*analogs

Agallol 3 see neanthine

N-AGAPT see UDP-N-acetylglucosamine-lysosomal glycoprotein N- acetylglucosaminylphosphotransferase

A-1,4-GAP see alpha-1,4-glucosidase-albumin polymer

agarase
(RN) EC 3.2.1.81
(RR) 37288-57-6 (CRN)
(SY) beta-agarase I
(SY) beta-agarase II
(HM) *GLYCOSIDE HYDROLASES

agaric acid
(RN) 666-99-9
(SY) hexadecylcitric acid
(SY) agaricic acid
(SY) alpha-cetyl citric acid
(HM) *CITRATES
(NO) adenine nucleotide translocase antagonist

agaricic acid see agaric acid

Agaricus bisporus lectin
(SY) Agaricus bisporus lectin PHA-B fraction
(HM) *LECTINS
(NO) the PHA-B fraction stimulates insulin release from islets of Langerhans with a corresponding uptake of calcium by islets of Langerhans

Agaricus bisporus lectin PHA-B fraction see Agaricus bisporus lectin

agaridoxin
(RN) 58298-77-4
(SY) gamma-L-glutaminyl-3,4-dihydroxybenzene
(SY) N-(gamma-L-glutamyl)-3,4-dihydroxyaniline
(HM) GLUTAMINE/*analogs
(NO) strongly autoxidiazable metabolite of mushroom agaricus bisporus; structure

agaritine
(RN) 2757-90-6
(HM) *PHENYLHYDRAZINES
(NO) found in commonly eaten mushroom, Agaricus bisporus

agaropectin
(RN) 9046-34-8
(HM) *AGAR
(NO) natural component of crude agar; has carbohydrate backbone similar to that of agarose with roughly every tenth residue containig sulfate in O-sulfate linkages

agarose ethanethiol see ethanethiol-sepharose

agarose-hexyl-adenosine-5'-monophosphate see adenosine monophosphate-sepharose

agarose-hexyl-AMP see adenosine monophosphate-sepharose

Agarose, (6-((9-(5-O-phosphono-beta-D-ribofuranosyl)-9H-purin-6-yl)amino)hexyl)carbamimidate- see adenosine monophosphate-sepharose

AGA-6-S see N-acetylglucosamine-6-sulfate

AGBGGLNAC see O-alpha-galactopyranosyl(1-4)-O-beta-galactopyranosyl (1-4)-2-acetamido-2-deoxy-alpha-glucopyranose

agelin see chlorsuperlutin

Agelix see ioxitalamic acid

agent I see 3-chloro-4,4-dimethyl-2-oxazolidinone

Agent Orange
(RN) 39277-47-9
(HM) *2,4-DICHLOROPHENOXYACETIC ACID
(HM) *2,4,5-TRICHLOROPHENOXYACETIC ACID
(HM) *TETRACHLORODIBENZODIOXIN
(NO) herbicide containing equal parts of 2,4-D & 2,4,5-T with 2,3,7,8-tetrachlorodibenzo-p-dioxin as contaminant

AGEPC 2-acylhydrolase see PAF 2-acylhydrolase

AGEPC receptor see platelet activating factor receptor

AGEPE see acetyl glyceryl ether phosphorylethanolamine

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agerite alba
(RN) 103-16-2
(SY) hydroquinone monobenzyl ether
(SY) monobenzyl ether hydroquinone
(SY) monobenzone
(HM) *HYDROQUINONES
(NO) structure

AGGAG see N-acetylglucosaminylglucuronic acid-N-acetylglucosamine

aggregation factor
(SY) cell aggregation factor
(HM) *PROTEINS
(II) CELL AGGREGATION/drug eff
(NO) species-specific cell aggregation factor sometimes from porifera; proteoglycan from sponge species Microciona parthena; see also record for acrasin

agiolax
(RN) 76359-32-5
(HM) *SENNA
(HM) *PLANT EXTRACTS
(HM) DRUG COMBINATIONS
(PA) CATHARTICS
(NO) hydrophilic laxative combination of plantaginis semen ovatae, ispaghula husk, senna fructus angustifoliae

Agkistrodon contortrix mokasen venom see Agkistrodon venoms

Agkistrodon platelet aggregation inhibitor
(RN) EC 3.1.1.-
(SY) AgPAI
(HM) *PHOSPHOLIPASES A
(II) VENOMS
(II) PLATELET AGGREGATION
(NO) from Agkistrodon halys snake venom; MW 14,000

Agkistrodon venoms
(SY) Agkistrodon contortrix mokasen venom
(HM) *CROTALID VENOMS

AGLME see N-alpha-acetylglycyllysyl methyl ester

agmatinase
(RN) EC 3.5.3.11
(SY) agmatine ureohydrolase
(HM) *UREOHYDROLASES

agmatine deiminase
(RN) EC 3.5.3.12
(SY) agmatine iminohydrolase
(HM) *HYDROLASES

agmatine iminohydrolase see agmatine deiminase

agmatine ureohydrolase see agmatinase

AG MP-1
(RN) 39319-99-8
(HM) *ANION EXCHANGE RESINS
(NO) no other information available 1/5/82

AGNA see acetylglutamate 4-nitroanilide

agnoprotein
(HM) *VIRAL PROTEINS
(II) TRANSCRIPTION FACTORS
(NO) 61-amino acid found in viruses; has high affinity for both single- and double-stranded DNA; mutants of this protein which have fewer or more amino acids can occur

Agollel 3 see neanthine

AGOR see asialogalactoorosomucoid

1-AGP-acyltransferase see 1-acylglycerophosphate acyltransferase

AgPAI see Agkistrodon platelet aggregation inhibitor

1-AGPC-acetyltransferase see 1-alkylglycerophosphocholine acetyltransferase

AGPC acyltransferase see 1-acylglycerophosphocholine acyltransferase

1-AGPC acyltransferase see 1-acylglycerophosphocholine acyltransferase

AGP-dermorphin see dermorphin, 2-arginyl-3-glycyl-4-phenylalanine-

Agreal see Veralipride

agrimophol
(RN) 65792-05-4
(HM) *PHENOLS
(PA) SCHISTOSOMICIDES
(II) PLANT EXTRACTS
(NO) phenolic cpd from Agrimonia pilosa Ledeb.; no further information available 2/29/80

agrobactin
(RN) 70393-50-9
(SY) N-(3-(2,3-dihydroxybenzamido)propyl)-N-(4-(2,3-dihydroxybenzamido)butyl)-2-(2,3- dihydroxyphenyl)-trans-5-methyl-oxazoline-4- carboxamide
(SY) ferriagrobactin
(HM) *CATECHOLS
(II) IONOPHORES
(II) IRON CHELATES
(NO) iron transport compound (siderophore) from Agrobacterium tumefaciens; structure

agrocin see agrocin 84

agrocinopine
(RN) 77193-02-3
(SY) agrocinopine A
(HM) *SUGAR PHOSPHATES
(NO) opine phosphorylated sugar synthesized by crown gall tumors & utilized as nutrient source by bacteria responsible for infection

agrocinopine A see agrocinopine

agrocin 84
(RN) 59111-78-3
(SY) agrocin
(HM) *ADENINE NUCLEOTIDES
(PA) ANTIBIOTICS
(II) BACTERIOCINS
(NO) contains glucose, deoxy arabinose & other yet unidentified sugars

agroclavine
(RN) 548-42-5
(SY) agroclavine-1
(HM) *ERGOLINES
(NO) structure

agroclavine-1 see agroclavine

agropine
(RN) 70699-77-3
(SY) 1H-Pyrrolo(2,1-c)(1,4)oxazine-1,6(7H)-dione, tetrahydro-3-(1,2,3,4-tetrahydroxybutyl)-
(HM) *OXAZINES
(NO) RN given refers to (S)-isomer; RN for cpd without isomeric designation not in Chemline 11/4/83; structure given in first source

agropinic acid
(RN) 74474-75-2
(HM) MANNITOL/*analogs
(NO) mannityl opine analog; RN given refers to (S)-isomer; RN for cpd without isomeric designation not in Chemline 6/84

agropinic acid permease
(HM) *PERMEASES

agrosil
(RN) 51570-32-2
(HM) *FUNGICIDES, INDUSTRIAL
(NO) no other information available 8/85

Agr 1240 see minaprine

AGTC see N-(4-azidobenzoylglycyl)-S-(2-thiopyridyl)cysteine

AG2O see disilver oxide

AG 3-5
(RN) 36945-98-9
(SY) 1-(2-hydroxyphenyl)-4-(3-nitrophenyl)-1,2,3,6-tetrahydropyrimidin-2-one
(HM) *PYRIMIDINONES
(NO) structure

AG 60.99
(RN) 59299-39-7
(HM) *IODIZED OILS
(II) CONTRAST MEDIA
(NO) iodated ethyl esters of poppy seed oil fatty acids combined with surface-active agents & water emulsion

AG 62-27 see ioxaglic acid

AG-6227 see ioxaglic acid

AG-629 see spizofurone

6-AHA-cyclic dimer hydrolase see 6-aminohexanoic acid cyclic dimer hydrolase

AHAEE see arylhydroxylamine esterifying enzyme

AHA-LPH see beta-lipotropin(61-69), 2-alanyl-69-homoarginine-

AHAMP see adenosine monophosphate-sepharose

2,7-AHANA see 2,7-anhydro-N-acetylneuraminic acid

AHAPT see 2-amino-4-hydroxyaminopteridine

3-AHBA see 3-amino-5-hydroxybenzoic acid

AHBD-kanamycin B see 1-N-((S)-4-amino-2-hydroxybutyryl)-2"-deoxykanamycin B

6-AHCI see 1-(N-6-amino-n-hexyl)carbamoylimidazole

aHDGF see hypothalamus-derived growth factor

6-AHDG see 6-N-(4-azido-2-hydroxy-3,5-diiodobenzoyl)glucosamine

AHDPG see 1-O-(6-aminohexanoyl)-2,3-diphosphoglycerol

AHFAD see N(6)-aminohexyl-flavin adenine dinucleotide

1-AHIP see 1-azabicyclo(2.2.2)oct-3-yl alpha-hydroxy-alpha-(4- iodophenyl)-alpha-phenylacetate

5-AHMOA see 5-amino-3-hydroxy-7-methyloctanoic acid

2,5-AHMP see 2,5-anhydromannitol 1-phosphate

AHPA see 3-amino-2-hydroxy-4-phenylbutanoic acid

3-AHPA see 3-adenin-9-yl-2-hydroxypropanoic acid

AHPBU see 1-((2-hydroxy-1-(aminomethyl)ethoxy)methyl)-5-benzyluracil

5-AHPTO see 5-amino-5-hydroxy-2,4,6(1H,3H,5H)-pyrimidinetrione

AH receptors see aryl hydrocarbon receptor

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AHR 10718
(SY) AHR-10718
(SY) (N'-(2-diethylamino)ethyl)-N-(1-methylethyl)-N-(2-(phenylsulfonyl)ethyl)urea butanedioate
(HM) *PHENYLUREA COMPOUNDS
(PA) ANTI-ARRHYTHMIA AGENTS

AHR-10718 see AHR 10718

AHR 1118 see pridefine

AHR 2277 see lenperone

AHR-2277 see lenperone

AHR 2438B see lignosulfuric acid

AHR 2666 see AHR-2666

AHR-2666
(RN) 28482-91-9
(SY) 3-(3-chlorophenoxy)-1-methylcarbamoylpyrrolidine
(SY) AHR 2666
(HM) *PYRROLIDINES
(PA) MUSCLE RELAXANTS, CENTRAL
(NO) skeletal muscle relaxant; structure

AHR 5850 see amfenac

AHR 602 see AHR-602

AHR-602
(RN) 52-61-9
(SY) N-benzyl-3-pyrrolidylacetate methobromide
(SY) AHR 602
(HM) *PYRROLIDINES

AHR-8559 see fluzinamide

AHR 9377
(SY) AHR-9377
(SY) N,N-dimethyl-6-phenyl-11H-pyrido(2,3-b)(1,4) benzodiazepin-11-propanamine
(HM) *BENZODIAZEPINES
(PA) ANTIDEPRESSIVE AGENTS, TRICYCLIC
(NO) structure given in first source

AHR-9377 see AHR 9377

N-4-AHSA see N-4-acetyl-4-hydroxysulfamerazine

AH-Sepharose 4B see aminohexyl-sepharose

A-5-HT see O-acetyl-5-hydroxytryptophol

AHXA acyltransferase see arylhydroxamic acid acyltransferase

AH 18801
(RN) 66357-17-3
(SY) N-(2-(((5-((dimethylamino)methyl)-2-furanyl) methyl)thio)ethyl)-N'-methyl-N''-cyanoguanidine
(HM) RANITIDINE/*analogs
(PA) HISTAMINE H2 RECEPTOR BLOCKADERS
(NO) structure given in first source

AH 19437
(RN) 74480-27-6
(SY) AH-19437
(SY) methyl 7-(2-(4-morpholinyl)-3-oxo-5-(phenylmethoxy)cyclopentyl)-5-heptenoate
(HM) *MORPHOLINES
(II) PLATELET AGGREGATION/drug eff
(NO) structure given in UD

AH-19437 see AH 19437

AH 21132 see AH 21-132

AH 21-132
(SY) AH-21-132
(SY) AH 21132
(SY) 6-(4-acetamidophenyl)-1,2,3,4,4a,10b-hexahydro-8,9-dimethoxy-2-methylbenzo(c)(1,6)-naphthyridine-bis(hydrogen maleate
(HM) *NAPHTHYRIDINES
(PA) PHOSPHODIESTERASE INHIBITORS

AH-21-132 see AH 21-132

AH 22216
(RN) 73278-54-3
(SY) AH-22216
(HM) *PIPERIDINES
(PA) HISTAMINE H2 RECEPTOR BLOCKADERS
(NO) structure given in first source

AH-22216 see AH 22216

AH-23844 see loxtidine

AH 23844 see loxtidine

AH 26
(RN) 55599-25-2
(SY) AH-26
(HM) *SILVER
(HM) *BISMUTH
(HM) *METHENAMINE
(HM) *TITANIUM
(HM) DRUG COMBINATIONS
(II) ROOT CANAL FILLING MATERIALS
(NO) contains powder consisting of silver powder 10%, bismuth oxide 60%, hexamethylenetetramine 25% & titanium dioxide 5% & resin consisting of epoxybisphenol-resin 100%

AH-26 see AH 26

AH 5183
(RN) 22232-64-0
(RR) 23965-53-9 (HCl)
(SY) 2-(4-phenylpiperidino)cyclohexanol
(HM) PHENCYCLIDINE/*analogs
(PA) NEUROMUSCULAR DEPOLARIZING AGENTS
(NO) RN given refers to parent cpd; structure

AH 7079
(RN) 33440-58-3
(SY) 7-methoxy-2-(1H-tetrazol-5-yl)xanthen-9-one
(HM) *XANTHENES
(PA) ANTIHISTAMINICS
(II) HYPERSENSITIVITY/drug ther
(NO) anti-allergy cpd used in treatment of allergic bronchial asthma & rhinitis; structure

AH 7725
(RN) 33459-28-8
(SY) 7-(2-hydroxyethoxy)-9-oxoxanthene-2-carboxylic acid
(HM) *XANTHENES
(II) HYPERSENSITIVITY/drug ther

1-Aib-angiotensin II see angiotensin II, 1-Aib

AIBAO ester see N-(4-(4-azido-3-iodophenylazo)benzoyl)-3-aminopropyl-N'-oxysulfosuccinimide ester

aicamine see orazamide

AICA orotate see orazamide

AICAR see AICA ribonucleotide

AICAR formyltransferase see phosphoribosylaminoimidazolecarboxamide formyltransferase

AICA ribonucleoside
(RN) 2627-69-2
(SY) aminoimidazole carboxamide ribonucleoside
(SY) AICA riboside
(HM) *RIBONUCLEOSIDES
(HM) *AMINOIMIDAZOLE CARBOXAMIDE/analogs
(NO) structure

AICA ribonucleotide
(RN) 3031-94-5
(RR) 22563-81-1 ((D-ribofuranosyl)-isomer)
(SY) AICAR
(SY) aminoimidazole carboxamide ribonucleotide
(SY) 5'-phosphoribosyl-5-amino-4-imidazolecarboxamide
(HM) *AMINOIMIDAZOLE CARBOXAMIDE/analogs
(HM) *RIBONUCLEOTIDES
(NO) RN given refers to beta-D-ribofuranosyl isomer

AICA riboside see AICA ribonucleoside

AICAR transformylase see phosphoribosylaminoimidazolecarboxamide formyltransferase

AIDDU see AIdUrd

2,3-AID-mannuronic acid see 2,3-(1-acetyl-2-methyl-2-imidazolino-5,4)-2,3-dideoxymannuronic acid

AIdUrd
(RN) 56045-73-9
(SY) 5-iodo-5'-amino-2',5'-dideoxyuridine
(SY) AIU
(SY) AIDDU
(SY) 5'-amino-5-iodo-2',5'-dideoxyuridine
(HM) IDOXURIDINE/*analogs
(PA) ANTIVIRAL AGENTS
(NO) structure

A-9291-II see A 9291 tremerogens

A14 iodo-Tyr-insulin see insulin, iodo-Tyr-

A14-iodotyrosine insulin see insulin, iodo-Tyr-

AIPP see 2-amino-5-iodo-6-phenyl-4-pyrimidinone

AITC see 2,3,4-tri-O-acetylarabinopyranosyl isothiocyanate

AIU see AIdUrd

AI 122 see ONO 3122

AI-122 see ONO 3122

AI-27303 see cetamolol

AI-3-28963 see AI 3-28963

AI 3-28963
(RN) 61168-60-3
(SY) 3-acetyl-2-(2,6-dimethyl-5-heptenyl)oxazolidine
(SY) AI-3-28963
(HM) *OXAZOLES
(II) INSECT REPELLENTS
(NO) tested as tick repellent

AI 3-36206
(RN) 53905-38-7
(SY) MV 678
(SY) 2-methoxy-9-(p-isopropylphenyl)-2,6-dimethylnonane
(HM) *TERPENES
(II) JUVENILE HORMONES
(NO) structure

AI3-62488 see hexaphosphamide

AI 3-63223 see penfluron

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AI 3688
(SY) AI-3688
(HM) *PEPTIDES
(PA) ALPHA-AMYLASE/antag
(NO) from Streptomyces aureofaciens; partial amino acid sequence given in first source; MW 3936

AI-3688 see AI 3688

AI 77-B
(RN) 77674-99-8
(SY) AI-77-B
(SY) 6-((1-(3,4-dihydro-8-hydroxy-1-oxo-1H-2-benzopyran-3-yl)-3-methylbutyl)amino)-4,5-dihydroxy-6-oxo-3-ammoniohexanoate
(HM) *COUMARINS
(PA) ANTI-ULCER AGENTS
(NO) from Bacillus pumilus AI-77; has gastroprotective action; structure given in first source

AI-77-B see AI 77-B

Ajatin see dimethyldodecylbenzylammonium

ajmalicine
(RN) 483-04-5
(RR) 4373-34-6 (HCl(19alpha)-isomer)
(RR) 15180-42-4 (PO4(19alpha)-isomer)
(RR) 65882-31-7 (CH3SO4(19alpha)-isomer)
(RR) 5299-09-2 ((19beta,20alpha)-isomer)
(RR) 54763-98-3 ((HCl(19beta,20alpha)-isomer)
(RR) 6474-90-4 ((19alpha,20alpha)-isomer)
(RR) 483-03-4 ((3beta,19alpha)-isomer)
(RR) 25532-45-0 ((19beta)-isomer)
(RR) 642-17-1 ((3beta,19alpha,20alpha)-isomer)
(SY) delta-yohimbine
(SY) Lamuran
(SY) raubasine
(SY) rauvasan
(SY) tetrahydroalstonine
(SY) akuammigine
(HM) *YOHIMBINE
(PA) ANTI-INFLAMMATORY AGENTS
(PA) ANTINEOPLASTIC AGENTS
(II) ISOMERISM
(NO) RN given refers to (19alpha)-isomer; RN for cpd without isomeric designation not in Chemline 8/2/83; structure

AKB ligase see glycine acetyltransferase

AKH-M see adipokinetic hormone (Manduca sexta)

aklanonic acid
(HM) *ANTHRAQUINONES
(NO) from Streptomyces sp. ZIMET 43717; intermediate in biosynthesis of anthracycline antibiotics; structure given in first source

aklavinone
(RN) 16234-96-1
(HM) *NAPHTHACENES
(NO) from Streptomyces galilaeus MA 144-M1, strain 3AR-33; structure in first source

akrex see dinobuton

Akrinor
(RN) 69910-62-9
(RR) 8004-31-7 (di-HCl)
(SY) H-835
(SY) acrinor
(SY) praxinor
(HM) THEOPHYLLINE/*analogs
(HM) DRUG COMBINATIONS
(PA) CARDIOVASCULAR AGENTS
(PA) ANALEPTICS
(NO) used in therapy of orthostatic hypotensive disorder; combination drug consisting of ethylaminotheophylline derivatives; stimulates blood circulation; RN given refers to parent cpd; NM refers to di-HCl

akrobomycin
(HM) NAPHTHACENES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) from microorganism 1029-AV1; structure given in first source

aktel see pirimiphos methyl

akuammigine see ajmalicine

AK 103 see ovositon

N-ALAAGAT see N-acetyllactosaminide beta-1,3-N-acetylglucosaminyltransferase

Ala-Ala see alanylalanine

Ala-Ala-Ala see alanyl-alanyl-alanine

Ala-Ala-Ala-Ala see alanyl-alanyl-alanyl-alanine

Ala-Ala-Cys-MEPDA see alanylalanyl-S-(4-(N-(2-thioethyl))aminopyridine-2,6-dicarboxylic acid)cysteine

D-Ala-D-Ala-Ser-peptidases see D-alanyl-D-alanine serine peptidases

4-Ala-AP see 4-alanylaminoantipyrine

Ala-Arg-Pro-Ala-Lys see fibrinogen peptide 6A

Ala-Asp see alanylaspartic acid

Ala(2)-O-benzyl-Ser(5)-enkephalin see enkephalin, Ala(2)-O-benzyl-Ser(5)-

alachlor
(RN) 15972-60-8
(SY) metachlor
(SY) Lasso
(SY) 2-chloro-N-(2,6-diethylphenyl)-N-(methoxymethyl) acetamide
(HM) *ACETAMIDES
(PA) HERBICIDES

AL-ACTH(1-17)AB see ACTH 4-amino-n-butylamide(1-17), Ala(1)-Lys(17)-

Ala(4)-delta-sleep-inducing peptide see D-4-alanyl-delta-sleep-inducing peptide amine

D-Ala(6)-desGly(10)-GnRH-N-ethylamide see AY 25,205

Ala(6)-des-GlyNH(2)(10)-LHRH ethylamide see AY 25,205

Ala(B23)-des(hexapeptide B25-30)insulin see insulin, Ala(B23)-des(hexapeptide B25-30)-

Ala-dhex-insulin see insulin, Ala(B23)-des(hexapeptide B25-30)-

aladione see diftalone

D-Ala(4)-DSIP-NH2 see D-4-alanyl-delta-sleep-inducing peptide amine

Ala-dynorphin see dynorphin (1-11), Ala(2)-

D-Ala(2)-dynorphin (1-11) see dynorphin (1-11), Ala(2)-

Ala-enkephalinamide see enkephalin, AlaNH(2)(5)-

Ala-(2,3-epoxycyclohexanone-4)-Ala see bacilysin

Ala(1)-N-epsilon-acetimidoglucagon see N-epsilon-acetimidoglucagon-Ala(1)

D-Ala(6), ethylamide(10)-LHRH see LHRH, N-Et-Ala(6)-

alafosfalin see alaphosphin

Ala-Glu see alanylglutamate

D-Ala(6)-gonadotropin releasing hormone ethylamide see LHRH, N-Et-Ala(6)-

2'-Ala-hexainosinic acid see 2'(3')-O-alanyl hexainosinic acid

2-Ala-69-homo-Arg-beta LPH(61-19) see beta-lipotropin(61-69), 2-alanyl-69-homoarginine-

alahopcin
(SY) nourseimycin
(SY) 2-((alanyl)amino)-4-formyl-3-(hydroxyaminocarbonyl)butyric acid
(HM) DIPEPTIDES
(PA) ANTIBIOTICS
(NO) produced by Streptomyces albulus subsp. ochragerus subsp nov.; structure given in J Antibiot (Tokyo) 1985;38(3):302

Ala (A1)insulin see insulin, alanine (A1)-

Ala(2)-Leu(5)-Arg(6)-enkephalin see enkephalin, Ala(2)-Leu(5)-Arg(6)-

Ala-Leu-daunorubicin see alanylleucyl-daunorubicin

D-Ala(2)-D-Leu(5)-enkephalin see enkephalin-Leu, Ala(2)-

Ala(6)-LHRH ethylamide see LHRH, N-Et-Ala(6)-

Ala-lipoteichoic acid see alanyl-lipoteichoic acid

Ala(1)-Lys(17)-ACTH(1-17) 4-aminobutylamide see ACTH 4-amino-n-butylamide(1-17), Ala(1)-Lys(17)-

Ala(2)-MePhe(4)-Gly-ol(5)-enkephalin see enkephalin, Ala(2)-MePhe(4)-Gly-ol(5)-

Ala(2)-Me-Phe(4)-Leu(5)-enkephalin see enkephalin, Ala(2)-Me-Phe(4)-Leu(5)-

D-Ala(2), Met(5)-enkephalinamide see enkephalinamide-Met, Ala(2)-

Ala(2-naphthyl)(6)- see LHRH, Ala(2-naphthyl)(6)-

Ala-neochymotrypsinogen see neochymotrypsinogen

9-D-Ala-NH(2)-arginine vasopressin see vasopressin, 9-Ala-NH(2)-Arg-

9-Ala-NH(2)-Arg-vasopressin see vasopressin, 9-Ala-NH(2)-Arg-

9-Ala-NH(2)-Lys-vasopressin see vasopressin, 9-Ala-NH(2)-Lys-

alaninal
(SY) alanine aldehyde
(HM) ALANINE/*analogs
(PA) PEPTIDE HYDROLASES/antag

9-alaninamide-arginine vasopressin see vasopressin, 9-Ala-NH(2)-Arg-

5-alaninamide enkephalin see enkephalin, AlaNH(2)(5)-

9-alaninamide-lysine vasopressin see vasopressin, 9-Ala-NH(2)-Lys-

alanine aldehyde see alaninal

alanine alpha-ketoisovalerate aminotransferase
(RN) EC 2.6.1.-
(SY) alanine-valine transaminase
(SY) transaminase C
(HM) *AMINOTRANSFERASES
(NO) E coli enzyme catalyzing the terminal step of valine biosynthesis

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alanine aminopeptidase
(RN) EC 3.4.11.2
(RR) 9054-63-1 (CRN)
(SY) aminopeptidase (microsomal)
(SY) aminopeptidase N
(SY) microvillus aminopeptidase
(HM) *AMINOPEPTIDASES

alanine-beta-naphthylamide
(RN) 2149-46-4
(RR) 20723-89-1 ((R)-isomer)
(RR) 720-82-1 ((S)-isomer)
(HM) ALANINE/*analogs
(NO) RN given refers to (+-)-isomer; RN for cpd without isomeric designation not in Chemline 8/2/83

alanine-binding protein see alanine-carrier

alanine carboxypeptidase
(RN) EC 3.4.17.6
(HM) *CARBOXYPEPTIDASES
(NO) not for D-ala linkage in peptidoglycan see EC 3.4.17.8

alanine-carrier
(SY) alanine-binding protein
(HM) *CARRIER PROTEINS
(II) ALANINE
(NO) MW 42,500; single polypeptide from thermophilic bacterium P53

alanine dehydrogenase
(RN) EC 1.4.1.1
(RR) 9029-06-5 (CRN)
(HM) *AMINO ACID OXIDOREDUCTASES

alanine(B23)-des(hexapeptide B25-30)insulin see insulin, Ala(B23)-des(hexapeptide B25-30)-

L-alanine-4,5-dioxovaleric acid aminotransferase see aminolevulinate aminotransferase

alanine endopeptidase
(RN) EC 3.4.24.-
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) from enterocyte brush border; cleaves between alanyl & alanyl-, leucyl-, or norleucyl- residues of synthetic peptides similar to metallic endopeptidases

alanine-enkephalinamide see enkephalin, AlaNH(2)(5)-

1-alanine-N-epsilon-acetimidoglucagon see N-epsilon-acetimidoglucagon-Ala(1)

(D-alanine(6),ethylamide(10))-LHRH see LHRH, N-Et-Ala(6)-

6-alanine-10-ethylamide-LHRH see LHRH, N-Et-Ala(6)-

L-alanine gamma,delta-dioxovaleric acid aminotransferase see aminolevulinate aminotransferase

alanine-glycine polymers see poly(alanylglycine)

alanine-glyoxylate aminotransferase
(RN) EC 2.6.1.44
(RR) 9015-67-2 (CRN)
(SY) pyruvate (glyoxylate) aminotransferase
(SY) kynurenine-glyoxylate aminotransferase
(HM) *ALANINE AMINOTRANSFERASE

alanine (A1)insulin see insulin, alanine (A1)-

(1-alanine-A)insulin see insulin, alanine (A1)-

alanine-neochymotrypsinogen see neochymotrypsinogen

alanine-p-nitroanilide see alanine-4-nitroanilide

alanine-4-nitroanilide
(RN) 1668-13-9
(SY) L-alanine-4-nitroanilide
(SY) alanine-p-nitroanilide
(SY) Ala-4-nitroanilide
(HM) *ANILINE COMPOUNDS
(NO) substrate for aminopeptidase M

L-alanine-4-nitroanilide see alanine-4-nitroanilide

alanine 3-sulfinic acid see cysteine sulfinic acid

alanine sulfodisulfane see cysteine thiosulfonate

alanine-tRNA see tRNA, alanine-

alanine tRNA see tRNA, alanine-

alanine-valine transaminase see alanine alpha-ketoisovalerate aminotransferase

Ala-4-nitroanilide see alanine-4-nitroanilide

alanopine
(RN) 19149-54-3
(RR) 73890-66-1 ((L)-isomer)
(SY) 2,2'-iminodipropionic acid
(HM) ALANINE/*analogs
(NO) imino acid produced by a dehydrogenase found in the adductor muscle of the oyster, Crassostrea gigas; RN given refers to cpd without isomeric designation

alanopine dehydrogenase
(RN) EC 1.5.1.-
(HM) *AMINE OXIDOREDUCTASES
(NO) catalyzes reductive elimination between pyruvate & alanine, or glycine, utilizing NADH as coenzyme, producing 2,2'-iminodipropionic acid (alanopine)

alanosine
(RN) 5854-93-3
(SY) NSC 153,353
(HM) ALANINE/analogs
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(II) CHELATING AGENTS

alantolactone
(RN) 546-43-0
(SY) helenin
(HM) *SESQUITERPENES
(PA) ANTHELMINTICS
(PA) ANTIFUNGAL AGENTS
(NO) allergenic sesquiterpene lactone; crystalline mixture of alantolactones from group of sesquiterpenes; structure

alanylalanine
(RN) 2867-20-1
(RR) 59247-16-4 ((L-Ala)-(DL-Ala)-isomer)
(RR) 3695-80-5 ((D-Ala)-(L-Ala)-isomer)
(RR) 1948-31-8 ((L)-isomer)
(RR) 1115-78-2 ((L-Ala)-(D-Ala)-isomer)
(RR) 923-16-0 ((D)-isomer)
(SY) Ala-Ala
(HM) *DIPEPTIDES
(NO) RN given refers to (DL)-isomer; RN for cpd without isomeric designation not in Chemline 8/2/83

alanyl-alanine peptidases see D-alanyl-D-alanine serine peptidases

D-alanyl-D-alanine peptidase, Zn(2+)G see Zn(2+)G D-alanyl-D-alanine peptidase

D-alanyl-D-alanine serine peptidases
(RN) EC 3.4.16.-
(SY) R61 D-alanyl-D-alanine peptidase
(SY) R39 D-alanyl-D-alanine peptidase
(SY) alanyl-alanine peptidases
(SY) D-Ala-D-Ala-Ser-peptidases
(HM) *CARBOXYPEPTIDASES
(NO) serine peptidase involved in the last step of peptidoglycan synthesis; R61 & R39 are moderately & extremely sensitive to penicillin, respectively; see also record for Zn(2+)G D-alanyl-D-alanine peptidase

alanyl-alanyl-alanine
(RN) 5874-90-8
(RR) 6745-19-3 ((L-Ala-L-Ala-D-Ala)-isomer)
(RR) 5874-86-2 ((L-Ala-D-Ala-L-Ala)-isomer)
(RR) 1114-94-9 ((D-Ala-D-Ala-D-Ala)-isomer)
(SY) Ala-Ala-Ala
(SY) tri-L-alanine
(HM) *OLIGOPEPTIDES
(NO) RN given refers to all (L)-isomer; RN for cpd without isomeric designation not in Chemline 1/12/84

alanyl-alanyl-alanyl-alanine
(RN) 926-79-4
(RR) 6062-68-6
((D-Ala-D-Ala-L-Ala-L-Ala)-isomer)
(RR) 6618-84-4
((D-Ala-L-Ala-L-Ala-D-Ala)-isomer)
(RR) 926-78-3 ((tetra-D)-isomer)
(RR) 6759-32-6
((L-Ala-D-Ala-L-Ala-D-Ala)-isomer)
(RR) 6120-80-5
((D-Ala-L-Ala-L-Ala-L-Ala)-isomer)
(RR) 5874-84-0
((L-Ala-D-Ala-L-Ala-L-Ala)-isomer)
(RR) 6062-67-5
((L-Ala-L-Ala-D-Ala-L-Ala)-isomer)
(RR) 621-00-7
((L-Ala-L-Ala-L-Ala-D-Ala)-isomer)
(SY) Ala-Ala-Ala-Ala
(SY) tetra-L-alanine
(HM) *OLIGOPEPTIDES
(II) HAPTENS
(NO) RN given refers to (L)- isomer; RN for cpd without isomeric designation not in Chemline 8/2/83

N-(alanyl-alanyl-alanyl)isonicotinic acid hydrazide
(RN) 88874-01-5
(SY) N-(trialanyl)isonicotinic acid hydrazide
(SY) (tri-Ala)isonicotinic acid hydrazide
(SY) TAIAH
(HM) ISONIAZID/*analogs
(PA) ANTI-INFECTIVE AGENTS
(NO) structure given in first source

alanylalanyl-S-(4-(N-(2-thioethyl)) aminopyridine-2,6-dicarboxylic acid) cysteine
(RN) 88090-55-5
(SY) Ala-Ala-Cys-MEPDA
(HM) *OLIGOPEPTIDES
(NO) MEPDA attached to Ala-Ala-Cys via disulfide bond to Cys residue

4-alanylaminoantipyrine
(RN) 62989-75-7
(RR) 62951-85-3 ((S)-isomer)
(SY) 4-Ala-AP
(HM) AMINOPYRINE/*analogs
(NO) RN given refers to (+-)-isomer; RN for cpd without isomeric designation not in Chemline 12/84

2-((alanyl)amino)-4-formyl-3-(hydroxyaminocarbonyl) butyric acid see alahopcin

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alanylaspartic acid
(RN) 20727-65-5
(SY) Ala-Asp
(HM) *DIPEPTIDES
(NO) RN given refers to (L)-isomer in Chemline; cpd without isomeric designation not in Chemline 6/83

2-alanyl-O-benzyl-5-serine enkephalin see enkephalin, Ala(2)-O-benzyl-Ser(5)-

D-4-alanyl-delta-sleep-inducing peptide amine
(RN) 65908-44-3
(SY) D-Ala(4)-DSIP-NH2
(SY) Ala(4)-delta-sleep-inducing peptide
(HM) *OLIGOPEPTIDES

4-N-D-alanyl-2,4-diamino-2,4-dideoxy-L-arabinose see prumycin

alanylglutamate
(RN) 13187-90-1
(SY) alanylglutamic acid
(SY) Ala-Glu
(HM) *DIPEPTIDES
(NO) RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 7/85

alanylglutamic acid see alanylglutamate

2'(3')-O-alanyl hexainosinic acid
(RN) 86125-27-1
(SY) 2'-Ala-hexainosinic acid
(HM) *INOSINE MONOPHOSPHATE/analogs

2-alanyl-69-homoarginine-beta-LPH(61-69) see beta-lipotropin(61-69), 2-alanyl-69-homoarginine-

2-alanyl-hpGRF(1-29)-NH2 see somatotropin releasing hormone(1-29)amide, Ala(2)-

2-alanyl-leucine enkephalinamide aminoethyl dimer see enkephalinamide-Leu, Ala(2)-aminoethyl dimer

2-alanyl-leucine enkephalinamide see enkephalinamide-Leu, Ala(2)-

2-alanyl-leucine enkephalin melphalan ester see enkephalin-Leu, Ala(2) melphalan methyl ester

2-alanyl-leucine enkephalin see enkephalin-Leu, Ala(2)-

2-alanyl-5-leucyl-6-arginine enkephalin see enkephalin, Ala(2)-Leu(5)-Arg(6)-

alanylleucyl-daunorubicin
(RN) 74853-81-9
(SY) Ala-Leu-daunorubicin
(HM) DAUNORUBICIN/*analogs
(NO) structure given in first source

alanyl-lipoteichoic acid
(SY) D-alanyl-lipoteichoic acid
(SY) Ala-lipoteichoic acid
(HM) *TEICHOIC ACIDS

D-alanyl-lipoteichoic acid see alanyl-lipoteichoic acid

1-alanyl-17-lysine-ACTH 4-amino-n-butylamide(1-17) see ACTH 4-amino-n-butylamide(1-17), Ala(1)-Lys(17)-

2-alanyl-methionine enkephalinamide see enkephalinamide-Met, Ala(2)-

2-alanyl-methionine enkephalin see enkephalin-Met, Ala(2)-

2-alanyl-methionine sulfoxide enkephalinamide see enkephalinamide-Met sulfoxide, Ala(2)-

6-alanyl-7-N-methyl-leucyl-9-N-ethyl-proline-LHRH see Wy 40905

2-alanyl-2-N-methyl-methionine enkephalinamide see metkephamid

2-alanyl-5-N-methyl-methionine enkephalinamide see enkephalinamide-Met, Ala(2)-N-Me(5)-

2-alanyl-4-methylphenylalanyl-5-glycyinol enkephalin see enkephalin, Ala(2)-MePhe(4)-Gly-ol(5)-

2-alanyl-4-methylphenylalanyl-5-leucine enkephalin see enkephalin, Ala(2)-Me-Phe(4)-Leu(5)-

2-alanyl-5-prolinamide enkephalin see enkephalin, Ala(2)-ProNH(2)(5)-

alanylproline
(RN) 13485-59-1
(SY) L-alanyl-L-proline
(SY) Ala-Pro
(HM) *DIPEPTIDES
(NO) RN given refes to all (L)-isomer; RN for cpd without isomeric designation not in Chemline 6/83

L-alanyl-L-proline see alanylproline

N-alanylproline-O-(4-nitrobenzoyl) hydroxylamine
(SY) N-Ala-Pro-O-(4-nitrobenzoyl)hydroxylamine
(SY) APNBH
(SY) N-alanylprolyl-O-(4-nitrobenzoyl)hydroxylamine
(HM) *DIPEPTIDES
(HM) *HYDROXYLAMINES
(PA) DIPEPTIDYL PEPTIDASES/antag

N-alanylprolyl-O-(4-nitrobenzoyl)hydroxylamine see N-alanylproline-O-(4-nitrobenzoyl)hydroxylamine

34-alanyl-38-seryl-40-arginine-hpGRF(1-40)-OH see somatotropin releasing hormone(1-40)-OH, Ala(34)-Ser (38)-Arg(40)-

34-alanyl-38-seryl-40-arginine-somatotropin releasing hormone(1-40)-OH see somatotropin releasing hormone(1-40)-OH, Ala(34)-Ser (38)-Arg(40)-

alanyl-seryl-glycine
(RN) 87494-16-4
(SY) Ala-Ser-Gly
(HM) *OLIGOPEPTIDES

2-alanyl-somatotropin releasing hormone(1-29)-NH2 see somatotropin releasing hormone(1-29)amide, Ala(2)-

2-alanyl-somatotropin releasing hormone (1-29) see somatotropin releasing hormone (1-29), 2-Ala-

alanyl-tRNA see tRNA, alanine-

5-D-alanyl-8-D-tryptophan somatostatin see somatostatin, 5-D-Ala-8-D-Trp-

2-alanyl-8-D-tryptophyl-14-D-cysteine somatostatin see somatostatin, 2-Ala-8-D-Trp-14-D-Cys-

alaphosphin
(RN) 54788-43-1
(RR) 54788-37-3 (mono-HBr)
(RR) 66023-94-7 ((S-(R*,R*))-isomer)
(RR) 60668-24-8 ((R-(R*,S*))-isomer)
(SY) Ro 03-7008
(SY) alafosfalin
(HM) ALANINE/*analogs
(PA) ANTI-INFECTIVE AGENTS
(PA) ANTIBIOTICS
(NO) RN given refers to parent cpd; structure

Ala-Pro see alanylproline

alaproclate
(RN) 60719-82-6
(RR) 60719-83-7 (HCl)
(RR) 66171-52-6 (HCl(D)-isomer)
(RR) 57469-92-8 (HCl(L)-isomer)
(SY) A 23189
(SY) A-23189
(SY) 2-aminopropionic acid-1-(4-chlorophenyl)-2-methyl-2-propyl ester.HCl
(HM) ALANINE/*analogs
(PA) ANTIDEPRESSIVE AGENTS
(NO) specific 5-hydroxytryptamine uptake inhibitors; RN given refers to (DL)-isomer; RN for cpd without isomeric designation not in Chemline 8/2/83

Ala-Pro-Gly-(Ile(3),Val(5))-angiotensin II see crinia-angiotensin

Ala-Pro-NHET-LHRH see AY 25,205

N-Ala-Pro-O-(4-nitrobenzoyl)hydroxylamine see N-alanylproline-O-(4-nitrobenzoyl)hydroxylamine

Alar-85 see daminozide

Ala(34)-Ser(38)-Arg(40)-somatotropin releasing hormone (1-40)-OH see somatotropin releasing hormone(1-40)-OH, Ala(34)-Ser (38)-Arg(40)-

Ala-Ser-Gly see alanyl-seryl-glycine

Ala(2)-somatotropin releasing hormone(1-29)-NH2 see somatotropin releasing hormone(1-29)amide, Ala(2)-

2-Ala-somatotropin releasing hormone (1-29) see somatotropin releasing hormone (1-29), 2-Ala-

ALATAL see
N-acetyllysyl-arginyl-tyrosyl-asparaginyl-leucinamide

ALATALTSV see
N-acetyllysyl-arginyl-tyrosyl-asparaginyl-leucyl-threonyl-seryl-valinamide

alatolide
(RN) 41929-10-6
(SY) trihydroxygermacranolide isobutyrate
(HM) *SESQUITERPENES
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(NO) extracted from leaves of Jurinea alata; structure

Ala-tRNA see tRNA, alanine-

2-Ala-8-D-Trp-14-D-Cys-somatostatin see somatostatin, 2-Ala-8-D-Trp-14-D-Cys-

5-D-Ala-8-D-Trp-somatostatin see somatostatin, 5-D-Ala-8-D-Trp-

Albacillin
(HM) *PENICILLIN G, PROCAINE
(HM) *NOVOBIOCIN
(HM) GLYCERIN/*analogs
(NO) contains procaine penicillin-G, sodium novobiocin & glycerol monostearate in peanut oil gel

albendazole
(RN) 54965-21-8
(RR) 80983-53-5 (14C-labeled cpd)
(RR) 74759-08-3 (mono-HCl)
(SY) Valbazen
(HM) *BENZIMIDAZOLES
(PA) ANTHELMINTICS
(NO) RN given refers to parent cpd; structure

albendazole sulfone
(RN) 76567-28-7
(HM) *BENZIMIDAZOLES
(PA) ANTHELMINTICS
(NO) structure given in first source

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albendazole sulfoxide
(RN) 54029-12-8
(RR) 74759-06-1 (mono-HCl)
(HM) *BENZIMIDAZOLES
(PA) ANTHELMINTICS
(NO) RN given refers to parent cpd; structure given in first source

albicidin
(HM) *ANTIBIOTICS
(NO) from Xanthomonas albilineans, no other information available 9/85

albizziin
(RN) 585-23-9
(RR) 1483-07-4 ((L)-isomer)
(RR) 70190-84-0 ((DL)-isomer)
(RR) 69609-56-9 (HCl(L)-isomer)
(HM) *AMINO ACIDS, DIAMINO
(NO) RN given refers to parent cpd without isomeric designation; structure

Albo see aluminoborate cement

albocresil see Negatan

albocycline
(RN) 25129-91-3
(HM) LACTONES
(PA) ANTIBIOTICS
(NO) macrolide antibiotic isolated from Streptomyces bruneogriseus nov. sp. MCRL-0129; specifically anti-staphylococcal, including antibiotic-resistant strains; structure

albomycin
(RN) 1414-39-7
(HM) FERRICHROME/analogs
(PA) ANTIBIOTICS
(NO) iron containing antibiotic

alborixin
(RN) 57760-36-8
(RR) 57684-41-0 (mono-K salt)
(HM) PYRANS
(PA) ANTIBIOTICS
(II) IONOPHORES
(NO) polycyclic, polyether, acidic, ionophore antibiotic; RN given refers to cpd with stereoisomeric designation; structure in sixth source

albothyl see Negatan

albumin-apo-A-I-containing lipoprotein see apolipoprotein A-I

albumin-daunomycin conjugate see daunomycin-albumin conjugate

albumin modified omega-aminohexyl Sepharose 2B see aminohexyl-sepharose

albumin receptor
(SY) receptor, albumin
(SY) albumin receptors
(SY) polyalbumin receptor
(SY) serum albumin receptors
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) ALBUMINS
(II) SERUM ALBUMIN

albumin receptors see albumin receptor

alc gene product see gene proteins, viral

alcian green
(RN) 37370-50-6
(SY) alcian green 2GX
(HM) *DYES
(NO) RN given in CA Index Guide 1984; RN not in Chemline 5/85; no other information available 5/85

alcian green 2GX see alcian green

alcide see chlorine dioxide

Alcid V
(HM) *PLANT EXTRACTS
(PA) ANTI-ULCER AGENTS
(NO) deglycyrrhized juice extract of Succus Liquiritiae deglycyrrhizinatus used in peptic ulcer therapy; Bulgarian drug

alclofenac epoxide
(RN) 70319-10-7
(HM) *ALCLOFENAC/analogs
(NO) urinary metabolite of alclofenac in man; structure given in first source

alclometasone dipropionate
(RN) 66734-13-2
(SY) Sch 22219
(SY) 7 alpha-chloro-16 alpha-methylprednisolone 17, 21-dipropionate
(HM) METHYLPREDNISOLONE/*analogs

alcohol dehydrogenase
(RN) EC 1.1.1.1
(RR) 9031-72-5 (CRN)
(SY) yeast alcohol dehydrogenase
(SY) alcohol dehydrogenase (NAD+)
(SY) alcohol dehydrogenase I
(SY) alcohol-NAD+ oxidoreductase
(SY) alcohol dehydrogenase II
(HM) *ALCOHOL OXIDOREDUCTASES
(NO) from yeast, animals

alcohol dehydrogenase (acceptor)
(RN) EC 1.1.99.8
(RR) 37205-43-9 (CRN)
(SY) methanol dehydrogenase
(SY) quinoprotein alcohol dehydrogenase
(HM) *ALCOHOL OXIDOREDUCTASES
(NO) substrate alcohol, methyl may be replaced by other alcohols as appropriate

alcohol dehydrogenase I see alcohol dehydrogenase

alcohol dehydrogenase II see alcohol dehydrogenase

alcohol dehydrogenase (NAD+) see alcohol dehydrogenase

alcohol dehydrogenase (NADP+)
(RN) EC 1.1.1.2
(RR) 9028-12-0 (CRN)
(SY) aldehyde reductase
(SY) NADP-linked alcohol-aldehyde-ketone oxidoreductase
(SY) ketone reductase
(SY) carbonyl reductase
(HM) *ALCOHOL OXIDOREDUCTASES

alcohol-NAD+ oxidoreductase see alcohol dehydrogenase

alcohol oxidase
(RN) EC 1.1.3.13
(RR) 9073-63-6 (CRN)
(HM) *ALCOHOL OXIDOREDUCTASES

alcohol sulfotransferase
(RN) EC 2.8.2.2
(RR) 9032-76-2 (CRN)
(SY) 21-hydroxysteroid sulfotransferase
(SY) hydroxysteroid sulfotransferase
(SY) 3 beta-hydroxysteroid sulphotransferase
(SY) steroid sulfokinase
(SY) steroid alcohol sulfotransferase
(HM) *SULFURTRANSFERASES
(NO) catalyzes the transfer of sulfate from adenosine 3'-phosphate 5'-phosphosulfate to a wide variety of hydroxysteroids

alconil
(SY) Al 1567
(SY) AL-1567
(HM) *FLUORENES
(HM) *HYDANTOINS
(PA) ALDOSE REDUCTASE/antag
(NO) structure given in first source

Alcopar see bephenium hydroxynaphthoate

Alcusal
(RN) 16048-96-7
(RR) 59404-11-4 (salicylic acid Cu(+1) salt)
(RR) 15240-24-1 (salicylic acid Cu(+2) salt)
(RR) 20936-31-6 (unspecified Cu salt)
(SY) copper salicylate complex
(HM) *COPPER
(HM) *SALICYLATES
(PA) ANTI-INFLAMMATORY AGENTS
(NO) copper(II)-salicylate complex in ethanol with glycerol; suppressed established polyarthritis, carrageenan-induced paw oedema & inflammatory response to hydroxyapatite crystals; possibly due to synergism between salicylate & copper(II); RN given for cupric salicylate in Merck; Merck reference for cupric salicylate

aldactazide
(RN) 65272-36-8
(SY) spiridazide
(HM) *HYDROCHLOROTHIAZIDE
(HM) *SPIRONOLACTONE
(HM) DRUG COMBINATIONS
(PA) ANTIHYPERTENSIVE AGENTS
(NO) contains above 2 cpds

aldehyde decarbonylase
(RN) EC 4.1.2.-
(HM) *ALDEHYDE-LYASES
(NO) catalyzes the decarboxylation of aldehydes to form alkanes & CO

aldehyde oxidase
(RN) EC 1.2.3.1
(RR) 9029-07-6 (CRN)
(SY) N1-methylnicotinamide oxidase I
(SY) N-nitrosoreductase
(HM) *ALDEHYDE OXIDOREDUCTASES
(NO) broad substrate specificity

aldehyde reductase see alcohol dehydrogenase (NADP+)

aldehyde reductase II see gulonate dehydrogenase

aldicarb sulfone
(RN) 1646-88-4
(SY) Temik sulfone
(HM) *ALDICARB/analogs
(NO) metabolite of aldicarb

aldicarb sulfoxide
(RN) 1646-87-3
(SY) Temik sulfoxide
(HM) *ALDICARB/analogs
(NO) metabolite of aldicarb

aldimine eliminator
(HM) *VALINE
(HM) *LYSINE
(HM) *DIGITONIN
(HM) *SEMICARBAZIDES
(II) INDICATORS AND REAGENTS
(II) SCHIFF BASES/antag
(NO) mixture of above in phosphate buffer for eliminating unstable Schiff base intermediate aldimine which cochromatographs with HbA1

aldimines
(HM) *IMINES
(NO) N-pyridoxylidene amino acids formed between pyridoxal phosphate & amino acids

aldioxa see dihydroxyaluminum allantoinate

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aldo-keto reductase see daunorubicin reductase

aldonate dehydrogenase see gulonate dehydrogenase

aldonolactonase
(RN) EC 3.1.1.18
(SY) gulonolactone hydrolase
(HM) *CARBOXYLIC ESTER HYDROLASES
(NO) catalyzes the reversible hydrolysis of gulonolactone to gulonic acid, in the synthetic pathway between glucuronic acid & ascorbic acid; minor descriptor (75-83); on-line & Index Medicus search CARBOXYLIC ESTER HYDROLASES (76-83) & ESTERASES (75)

aldophosphamide
(RN) 35144-64-0
(HM) *PHOSPHORAMIDE MUSTARDS
(NO) metabolite of cyclophosphamide; structure

aldose 1-epimerase
(RN) EC 5.1.3.3
(RR) 9031-76-9 (CRN)
(SY) mutarotase
(SY) aldose mutarotase
(HM) *CARBOHYDRATE ISOMERASES

aldose mutarotase see aldose 1-epimerase

aldosterone-binding globulin
(SY) aldosterone binding protein
(SY) ABG-TsU
(SY) urinary thermostable aldosterone-binding globulin
(SY) urinary thermostable glycoprotein
(HM) *CARRIER PROTEINS
(II) SERUM GLOBULINS
(II) ALDOSTERONE

aldosterone binding protein see aldosterone-binding globulin

aldosterone-18-D-glucosiduronic acid see aldosterone 18-glucuronide

aldosterone 18-glucuronide
(RN) 3604-86-2
(SY) aldosterone-18-D-glucosiduronic acid
(HM) ALDOSTERONE/*analogs

aldosterone receptor
(SY) receptor, aldosterone
(SY) aldosterone receptors
(HM) *RECEPTORS, GLUCOCORTICOID
(II) ALDOSTERONE

aldosterone receptors see aldosterone receptor

aldosterone stimulating factor
(SY) ADSF
(HM) *PROTEINS
(HM) *ALDOSTERONE
(NO) found in urine; causes hypertension associated with sodium retention, expansion of plasma volume & increased circulating aldosterone

aldosterone 21-sulfate
(RN) 52036-29-0
(HM) ALDOSTERONE/*analogs
(NO) sulfuric acid ester of aldosterone

aldrin epoxidase
(RN) EC 1.-
(HM) *MIXED FUNCTION OXIDASES

aldrin-transdiol
(RN) 3106-29-4
(RR) 30460-74-3 (= (1alpha,2alpha,3alpha,4alpha,4abeta,5alpha,8alpha,8abe = ta)-isomer)
(SY) dihydroaldrindiol
(HM) ALDRIN/*analogs
(NO) dieldrin metabolite suggested as active neurotoxic form; RN given refers to (1 alpha,2 alpha,3 beta,4 alpha,4a beta,5 alpha,8 alpha,8a beta)-isomer; RN for cpd without isomeric designation not in Chemline 8/11/83

D-ALE see enkephalinamide-Leu, Ala(2)-

aleprolic acid
(RN) 67886-24-2
(SY) 2-cyclopentene-1-carboxylic acid
(SY) 2-cyclopentenecarboxylic acid
(HM) *CYCLOPENTANES
(NO) RN given refers to (S)-isomer; RN for cpd without isomeric designation not in Chemline 11/4/83

aletamine
(RN) 4255-23-6
(RR) 4255-24-7 (HCl)
(RR) 34781-45-8 (HCl(+-)-isomer)
(SY) alfetamin
(SY) alfetamine
(SY) alfetadrine
(HM) *PHENETHYLAMINES
(PA) ANTIDEPRESSIVE AGENTS
(NO) minor descriptor (73-83); on-line & Index Medicus search PHENETHYLAMINES (73-83); RN given refers to parent cpd; structure

Alevaire see tyloxapol

alexidine
(RN) 22573-93-9
(RR) 78181-32-5 (diacetate)
(RR) 55006-94-5 (di-HF)
(RR) 1715-30-6 (di-HCl)
(HM) *BIGUANIDES
(NO) until June 1975 was mistakenly treated as synonym for chlorhexidine; RN given refers to parent cpd

alfacalcidol see 1 alpha-hydroxycholecalciferol

alfadolone see alphadolone

alfaprostol
(RN) 74176-31-1
(SY) K-11941
(HM) *PROSTAGLANDINS F
(NO) RN given refers to 1R-(1alpha(Z),2beta(S*), 3alpha,5alpha)-isomer; structure in first source

alfaxalone see alphaxalone

alfaxolone see alphaxalone

alfentanil see alfentanyl

alfentanyl
(RN) 71195-58-9
(RR) 71124-01-1 (former CAS registry number)
(RR) 70879-28-6 (mono-HCl salt monohydrate)
(RR) 69049-06-5 (HCl)
(SY) R 39209
(SY) alfentanil
(SY) rapifen
(HM) FENTANYL/*analogs
(PA) NARCOTIC ANALGESICS
(PA) ANALGESICS
(PA) ANESTHESIA ADJUVANTS
(PA) ANESTHETICS
(NO) RN given refers to parent cpd; structure in first source

alfetadrine see aletamine

alfetamin see aletamine

alfetamine see aletamine

alfibrate
(RN) 24818-79-9
(SY) alufibrate
(SY) Atherolip
(SY) aluminum bis(alpha-para-chlorophenoxy) isobutyrate
(HM) CLOFIBRIC ACID/*analogs
(PA) ANTILIPEMIC AGENTS
(NO) Al salt of clofibric acid; structure

algacidin A
(RN) 88845-21-0
(HM) *ANTIBIOTICS
(NO) from Streptomyces sp. RK-1339; MF C50-H87-N-O14; no other info available 3/84

algacidin B
(RN) 88845-22-1
(HM) *ANTIBIOTICS
(NO) from Streptomyces sp. RK-1339; MF C50-H85-N-O13; anhydro derivative of algacidin A; no other info available 3/84

algae toxins
(SY) anatoxin a
(SY) anatoxin-a
(SY) anatoxin I
(SY) anatoxin-c
(SY) anatoxin-a(s)
(SY) anatoxin-b
(SY) anatoxin-b(s)
(SY) anatoxin-d
(HM) *MARINE TOXINS
(II) ALGAE, BLUE-GREEN
(NO) anatoxin I found in blue-green algae Anabeana flos-aquae; do not confuse with ANATOXINS which is an entry term to TOXOIDS; RN for anatoxin I: 64285-06-9

alginic acid
(RN) 9005-32-7
(RR) 9005-38-3 (Na salt)
(RR) 55632-11-6 (Na salt, poly(mannuronic acid))
(RR) 9005-35-0 (Ca salt)
(SY) poly(mannuronic acid)
(SY) polymannuronic-guluronic acid
(SY) calcium alginate
(SY) calginat
(SY) vocoloid
(SY) sodium alginate
(HM) *ALGINATES
(NO) marine algal polysaccharide; RN given refers to cpd with unknown MF

alginic acid compound see Gaviscon

algipor
(HM) *ALGINATES
(HM) *NITROFURAZONE
(HM) DRUG COMBINATIONS
(NO) combination of alginic acid and furacillin; used in therapy of skin ulcers

Algurin
(HM) *DIURETICS, OSMOTIC
(NO) no other information available 4/85

ali-esterase see carboxylesterase

aliesterase see carboxylesterase

alifedrine
(RN) 78756-61-3
(SY) D 13625
(SY) D-13625
(HM) *OXYFEDRINE/analogs
(NO) inotropic cpd; structure given in first source

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aliflurane
(RN) 56689-41-9
(SY) 1-chloro-2-methoxy-1,2,3,3-tetrafluorocyclopropane
(SY) 26-P
(HM) *CYCLOPROPANES
(PA) ANESTHETICS
(NO) inhalation anesthetic; structure

Aligeron
(RN) 70713-45-0
(RR) 41332-10-9 (di-HCl)
(SY) 1-benzhydryl-4-allylpiperazine dihydrochloride
(SY) N'-benzhydryl-N''-allylpiperazine
(SY) AS 2
(HM) CINNARIZINE/*analogs
(PA) VASODILATOR AGENTS
(NO) RN given refers to parent cpd; aligeron & AS 2 are for di-HCl

allin alkyl-sulfenate-lyase see alliin lyase

alimet see alpha-hydroxy-gamma-methylmercaptobutyric acid

alinidine see ST 567

Aliquat 336 see trioctylmethylammonium

alizan see dichloran

alizapride
(RN) 59338-93-1
(SY) N-((allyl-1-pyrrolidinyl-2)-methyl)methoxy-2-azimido-4,5-benzamide
(SY) N-((1-allyl-2-pyrrolidinyl)methyl)-6-methoxy-1H-benzotriazole-5-carboxamide
(SY) vergentan
(SY) plitican
(HM) *PYRROLIDINES
(PA) ANTIEMETICS
(PA) ANTI-ARRHYTHMIA AGENTS
(NO) structure given in first source

alizarin
(RN) 72-48-0
(RR) 1322-60-7 (cpd with unspecified hydroxy locants)
(SY) alizarin red
(SY) 1,2-dihydroxyanthraquinone
(HM) *ANTHRAQUINONES
(NO) RN given refers to cpd with specified hydroxy locants

alizarine yellow G
(RN) 584-42-9
(SY) alizarin yellow G
(SY) 2-hydroxy-5-((3-nitrophenyl)azo)benzoic acid sodium
(HM) *AZO COMPOUNDS
(II) DYES
(NO) binds bovine serum albumin; RN given refers to Na salt; RN for parent cpd not in Chemline 11/14/83; structure given in first source

alizarin red see alizarin

Alizarin Red S
(RN) 83-61-4
(RR) 130-22-3 (mono-Na salt)
(HM) *ANTHRAQUINONES
(II) DYES
(NO) RN given refers to parent cpd; structure

alizarin yellow G see alizarine yellow G

alkaline elastase
(RN) EC 3.4.21.-
(HM) *PANCREATOPEPTIDASE
(II) BACILLUS
(NO) serine proteinase with molecular weight of 25,000 from alkalophilic Bacillus sp. Ya-B

alkaline mesentericopeptidase see mesentericopeptidase

alkaline phosphatase Regan isoenzyme see carcinoplacental isoenzymes

alkaline phosphodiesterase see phosphodiesterase I

alkaline phosphodiesterase I see phosphodiesterase I

alkaline proteases, bacterial see microbial serine proteinases

alkaloid 307A from Dendrobates see pumiliotoxin A

alkamine see sorbamine

alkane 1-hydroxylase see alkane 1-monooxygenase

alkane 1-monooxygenase
(RN) EC 1.14.15.3
(RR) 9059-16-9 (CRN)
(SY) alkane 1-hydroxylase
(SY) omega-hydroxylase
(SY) fatty acid omega-hydroxylase
(HM) *HYDROXYLASES

alkannin
(RN) 23444-65-7
(HM) *NAPHTHOQUINONES
(NO) used to promote wound healing, from the plant Alkanna tinctoria; RN given refers to (S)-isomer; RN for cpd without isomeric designation not in Chemline 11/4/83; structure

Alka-Seltzer
(RN) 53663-74-4
(SY) 1,2,3-Propanetricarboxylic acid, 2-hydroxy-, mixt. with 2-(acetyloxy)benzoic acid, calcium phosphate and sodium hydrogen carbonate
(HM) *ASPIRIN
(HM) DRUG COMBINATIONS
(HM) *BICARBONATES
(PA) ANTACIDS
(II) DRUGS, NON-PRESCRIPTION
(NO) contains sodium acetylsalicylate, sodium bicarbonate, sodium citrate, sodium calcium phosphate & carbon dioxide

7-alkoxycoumarin O-dealkylase see 7-ethoxycoumarin O-dealkylase

1-alkyl-2-acetyl-sn-glycero-3-phosphocholine-acetylhydrolase
(RN) EC 3.1.1.-
(SY) AAGP acetylhydrolase
(HM) *CARBOXYLESTERASES

1-O-alkyl-2-acetyl-sn-glyceryl-3- phosphorylethanolamine see acetyl glyceryl ether phosphorylethanolamine

1-O-alkyl-2-O-acyl-3-O-beta-D-(3'-beta-sulfo) galactopyranosyl-sn-glycerol see sulfogalactosylalkylacylglycerol

1-O-alkyl-2-O-acyl-3-(beta-3'-sulfogalactosyl)glycerol see seminolipid

1-alkyl-2-acyl-glycero-3-phosphorylcholine see 1-alkyl-2-acyl-sn-glycero-3-phosphocholine

1-alkyl-2-acyl-sn-glycero-3-phosphocholine
(SY) 1-alkyl-2-acyl-glycero-3-phosphorylcholine
(SY) 1-AAGP
(HM) PLATELET ACTIVATING FACTOR/*analogs
(NO) platelet activating factor biosynthesized from above cpd in rat alveolar macrophages

alkylating agent 864 see improsan

alkyl benzyl sulfonate see alkylbenzyl sulfonic acid

alkylbenzyl sulfonic acid
(SY) alkyl benzyl sulfonate
(SY) sodium alkyl benzyl sulfonate
(HM) *ALKYL SULFONATES
(II) SURFACE-ACTIVE AGENTS

alkyldihydroxyacetone phosphate synthetase
(RN) EC 2.5.1.-
(SY) ADHPS
(HM) *TRANSFERASES
(NO) replaces the acyl moiety of acylDHAP with a long chain fatty alcohol; intact alcohol including the oxygen atom is incorporated into alkyl-DHAP

N-alkyl-N,N-dimethyl-3-ammonio-1-propanesulfonates see sulfobetaines

1-O-alkyl-2-O-ethyl-sn-glyceryl-3-phosphorylcholine
(SY) 2-ethyl-PAF
(HM) PLATELET ACTIVATING FACTOR/*analogs
(NO) both ester groups of phosphatidylcholine are replaced by alkyl groups; platelet activation factor analog; aggregates & degranulates rabbit platelets & neutrophils

alkylglycerol cleavage enzyme (oxidative) see glyceryl-ether monooxygenase

alkylglycerolmonooxygenase see glyceryl-ether monooxygenase

1-alkylglycerophosphocholine acetyltransferase
(RN) EC 2.3.1.67
(SY) lyso-platelet-activating factor-acetyl CoA acetyltransferase
(SY) 1-AGPC-acetyltransferase
(HM) *ACETYLTRANSFERASES
(NO) catalyzes the acetylation of 1-alkyl-sn-glycero-3-phosphocholine in the presence of acetyl-CoA

1-O-alkylglyceryl-3-phosphorylcholine see O-deacetyl platelet activating factor

O(6)-alkylguanine-DNA alkyltransferase see O(6)-methylguanine-DNA methyltransferase

alkylhalidase
(RN) EC 3.8.1.1
(SY) haloalkane dehalogenase
(HM) *HYDROLASES
(NO) acts on haloalkanes to from aldehyde and halogen(s)

alkyl lead
(HM) *LEAD
(HM) *ORGANOMETALLIC COMPOUNDS

alkyl lysophospholipids see lysophospholipids

1-alkyl-2-lyso-sn-glycero-3-phosphocholine-acetyl CoA acetyltransferase see acetyl-CoA-1-alkyl-2-lyso-sn-glycero-3-phosphocholine acetyltransferase

alkylsulfatase
(RN) EC 3.1.6.-
(SY) alkylsulfohydrolase
(SY) alkylsulphohydrolase
(HM) *SULFATASES
(NO) induced by sodium hexan-1-yl sulfate

alkylsulfates
(HM) *SULFURIC ACID ESTERS

alkylsulfohydrolase see alkylsulfatase

alkylsulphohydrolase see alkylsulfatase

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allantoate amidinohydrolase see allantoicase

allantoic acid
(RN) 99-16-1
(RR) 8466-68-6 (mono-Na salt)
(SY) diureidoacetic acid
(HM) UREA/*analogs
(NO) RN given refers to parent cpd; structure

allantoicase
(RN) EC 3.5.3.4
(RR) 9025-21-2 (CRN)
(SY) allantoate amidinohydrolase
(HM) *UREOHYDROLASES

allantoinase
(RN) EC 3.5.2.5
(RR) 9025-20-1 (CRN)
(HM) *AMIDOHYDROLASES

allantoxanamide
(RN) 69391-08-8
(SY) 2,4-dihydroxy-6-carboxamide-1,3,5-triazine
(HM) *OXONIC ACID/analogs
(PA) URICASE/antag

allergen Dpt 12
(SY) Dermatophagoides pteronyssinus allergen 12
(SY) norisen
(SY) mite fortified house dust
(SY) Dermatophagoides farinae allergen
(HM) *ALLERGENS
(II) MITES

Allergen M
(SY) cod Allergen M
(HM) *PARVALBUMINS
(II) ALLERGENS
(NO) belongs to family of muscle parvalbumins characterized by their ability to coordinate two ions of calcium per molecule

Allergoid
(HM) *PLANT EXTRACTS
(NO) pollen extract; tested in treating seasonal allergic rhinosinusitis in USSR

all-trans-hexaprenylpyrophosphate synthase see hexaprenylpyrophosphate synthetase

allicin
(RN) 539-86-6
(SY) diallyl disulfide-oxide
(HM) SULFINIC ACIDS
(PA) ANTIBIOTICS, ANTIFUNGAL
(PA) ANTILIPEMIC AGENTS
(PA) ANTIDIABETICS
(NO) antibacterial principle of Allium sativum (garlic); structure

alliin
(RN) 17795-27-6
(RR) 556-27-4 ((L-Ala)-(S)-isomer)
(RR) 21593-55-5 ((L-Ala)-(R)-isomer)
(RR) 17795-26-5 ((L-Ala)-isomer)
(SY) S-allylcysteine sulfoxide
(SY) S-(2-propenyl)cysteine sulfoxide
(SY) PCSO
(HM) CYSTEINE/*analogs
(NO) nutritional supplement in diet; possible therapeutic use in anemia and splenic hypertrophy; RN given refers to cpd without isomeric designation; structure

alliin lyase
(RN) EC 4.4.1.4
(SY) aliin alkyl-sulfenate-lyase
(HM) *SULFHYDRASES

allithiamine
(RN) 554-44-9
(RR) 60160-54-5 (HCl)
(HM) THIAMINE/*analogs
(NO) RN given refers to parent cpd; structure

allitin see diallyl disulfide

allitridi see diallyl trisulfide

allitridin see diallyl trisulfide

alloantigen, LY 6.2 see MM antigen

allocholic acid
(RN) 2464-18-8
(HM) *CHOLIC ACIDS
(NO) see also records for ursocholic and cholic acids

allochrysine see chrysanol

allocor see isolanid

allogenic effect factor
(SY) AEF
(SY) serum allogenic factor
(HM) *LYMPHOKINES
(NO) soluble mediator from histocompatible cell interactions which induces cytotoxic T-lymphocytes in vitro; glycoprotein composed of 2 subunits 40,000 & 12,000 daltons; possesses Ia antigen

allolactose
(RN) 645-03-4
(HM) *LACTOSE

Allomyrina dichotoma lectin see Allomyrina lectin

Allomyrina lectin
(SY) Allomyrina dichotoma lectin
(SY) allo A lectin
(HM) *LECTINS
(II) BEETLES
(NO) beta-D-galactoside-specific

allophanyl allyl valerolactone see valofane

allophanyl-1-allyl-1-valero-3-lactone see valofane

2-allophenyl-2-allyl-gamma-valerolactone see valofane

allophycocyanin
(SY) allophycocyanins
(SY) allophycocyanin I
(SY) allophycocyanin II
(SY) allophycocyanin III
(SY) allophycocyanin B
(HM) *PHYCOCYANIN

allophycocyanin B see allophycocyanin

allophycocyanin I see allophycocyanin

allophycocyanin II see allophycocyanin

allophycocyanin III see allophycocyanin

allophycocyanins see allophycocyanin

allopregnan-3 alpha-ol-20-one
(RN) 516-54-1
(RR) 26961-00-2 ((3beta,5beta,14beta)-isomer)
(RR) 24577-99-1 ((3beta,5alpha,17alpha)-isomer)
(RR) 21788-58-9 ((3alpha,5alpha,17alpha)-isomer)
(RR) 4469-03-8 ((3alpha,5beta,17alpha)-isomer)
(RR) 4406-37-5 ((3beta)-isomer
(RR) 4406-35-3 (unspecified-isomer)
(RR) 516-55-2 (3beta,5alpha)-isomer
(RR) 516-54-1 (3alpha,5alpha)-isomer)
(RR) 36027-63-1 ((3beta,5alpha,8alpha,17beta)-isomer)
(RR) 40135-22-6 ((5alpha)-isomer)
(RR) 39845-99-3 ((3alpha)-isomer)
(SY) 3 alpha-hydroxy-5 alpha-pregnan-20-one
(HM) *PREGNANOLONE
(II) ISOMERISM
(NO) RN given refers to (3alpha,5alpha)-isomer; see also pregn-3-beta-ol-20-one & pregnanolone & allopregnan-3-beta-ol-20-one

allopregnan-3 beta-ol-20-one
(RN) 516-55-2
(SY) 3 beta-hydroxy-5 alpha-pregnan-20-one
(SY) allopregnanolone
(HM) *PREGNANOLONE
(II) ISOMERISM
(NO) see also pregnanolone & allopregnan-3 alpha-ol-20-one & pregn-3 beta-ol-20-one

allopregnane-3 alpha,20 alpha-diol see allopregnane-3,20-diol

allopregnane-3 beta,17 alpha-diol-20-one see 17-hydroxypregnanolone

allopregnane-3 beta,11 beta,21-triol-20-one see tetrahydrocorticosterone

allopregnane-3,20-diol
(RN) 4479-11-2
(RR) 566-58-5 ((3alpha,5alpha-(20S))-isomer)
(RR) 566-57-4 ((3alpha,5alpha-(20R))-isomer)
(RR) 80-92-2 ((3alpha,5beta-(20S))-isomer)
(RR) 80-91-1 ((3alpha,5beta-(20R))-isomer)
(RR) 566-56-3 ((3beta,5alpha,20S)-isomer)
(RR) 28818-70-4 ((3alpha,20S)-isomer)
(RR) 6251-84-9 ((5alpha)-isomer))
(RR) 516-53-0 ((3beta,5alpha,20R)-isomer)
(RR) 80-90-0 ((3beta,5beta,20S)-isomer)
(RR) 80-89-7 ((3beta,5beta,20R)-isomer)
(SY) 5 alpha-pregnane-3 alpha,20 alpha-diol
(SY) allopregnane-3 alpha,20 alpha-diol
(SY) 3 beta,20 alpha-dihydroxy-5 alpha-pregnane
(HM) *PREGNANEDIOL
(II) STEREOISOMERS
(NO) RN given refers to cpd without isomeric designation

3,20-allopregnanedione
(RN) 7350-00-7
(RR) 566-65-4 ((5alpha)-isomer)
(RR) 51154-67-7 ((5beta,13alpha,17alpha)-isomer)
(SY) 5 alpha-dihydroprogesterone
(SY) 5 alpha-pregnane-3,20-dione
(HM) *PREGNANEDIONES
(NO) RN given refers to cpd without isomeric designation

allopregnanolone see allopregnan-3 beta-ol-20-one

allopurinol ribonucleoside see allopurinol riboside

allopurinol riboside
(RN) 16220-07-8
(SY) allopurinol ribonucleoside
(SY) 4-hydroxy-1 beta-D-ribofuranosylpyrazolo(3,4-d) pyrimidine
(HM) *RIBONUCLEOSIDES
(HM) ALLOPURINOL/*analogs
(PA) ANTIPROTOZOAL AGENTS

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allopurinol riboside 5'-monophosphate
(RN) 26753-52-6
(SY) purinol ribonucleoside 5'-monophosphate
(SY) HPPR-MP
(HM) *RIBONUCLEOTIDES
(NO) metabolite of allopurinol riboside; structure given in first source

allose
(RN) 6038-51-3
(RR) 2595-97-3 ((D)-isomer)
(RR) 7635-11-2 ((L)-isomer)
(HM) *GLUCOSE
(NO) synthetic hexose; RN given refers to cpd without isomeric designation

allotetrahydrocortisol
(RN) 302-91-0
(RR) 80735-80-4 ((5alpha,11beta)-isomer)
(RR) 72051-58-2 ((3alpha,5beta,11alpha)-isomer)
(RR) 15734-50-6 ((3beta,5beta,11beta)-isomer)
(RR) 651-43-4 ((3beta,5alpha,11beta)-isomer)
(HM) TETRAHYDROCORTISOL/*analogs
(II) ISOMERISM
(NO) RN given refers to (3alpha,5alpha,11beta)-isomer; RN for cpd without isomeric designation not in Chemline 11/16/83

alloxazines
(HM) *FLAVINS

2-all trans-parinoyllecithin see 2-parinarolyllecithin

Allpyral
(RN) 8057-66-7
(HM) *ANTIGENS
(II) ALLERGENS
(NO) aqueous suspension of a pyridine extracted; alum precipitated antigen complex from whole bodies of bees or wasps; ragweed mix extract

all-trans-retinylidene methylnitrone see retinylidene methylnitrone

allulose see Psicose

Allura Red AC Dye
(RN) 25956-17-6
(SY) FD & C red no. 40
(HM) *AZO COMPOUNDS
(II) DYES
(NO) new monoazo dye proposed as color additive in various food products; RN given refers to di-Na salt; RN for parent cpd not in Chemline 11/22/83; structure

allyl alcohol
(RN) 107-18-6
(SY) 1-propen-3-ol
(HM) ALCOHOL, PROPYL/*analogs
(NO) structure

allyl-alpha-allyloxycarbonyloxyacrylate
(RN) 72782-44-6
(SY) AAOCOA
(HM) *ACRYLATES
(NO) used in glass manufacture; MW C10-H12-O5

allylbarbital see butalbital

allyl carbamate
(RN) 2114-11-6
(HM) *CARBAMATES
(PA) CARCINOGENS

allyl chloride
(RN) 107-05-1
(RR) 36813-24-8 (cpd with unspecified chloride locant)
(HM) *ALLYL COMPOUNDS
(NO) causes toxic polyneuropathy

allyl chloroformate
(RN) 2937-50-0
(SY) allylchloroformate
(HM) *FORMIC ACIDS

allylchloroformate see allyl chloroformate

3-allyl-6-chloro-2,3,4,5-tetrahydro-1-(4-hydroxyphenyl)-1H-3-benzazepine-7,8-diol methanesulfonate see SK&F 85174

N-allylclonidine see ST 567

S-allylcysteine sulfoxide see alliin

2-(N-allyl-N-(2,6-dichlorophenyl)amino)-2-imidazoline see ST 567

4-allyl-1,2-dimethoxybenzene see methyleugenol

1-allyl-4,5-di(N-methylcarbamoyl)pyrazole see IEM 474

allylfluorescein
(RN) 82391-10-4
(HM) *FLUORESCEINS

allyl formate
(RN) 1838-59-1
(HM) *FORMIC ACID ESTERS

allylisopropylacetylcarbamide see apronalide

allylisopropylacetylurea see apronalide

allyl isothiocyanate
(RN) 57-06-7
(SY) allylsenevol
(HM) *THIOCYANATES
(NO) used in the manufacture of flavors, war gases; medical use as a counterirritant; structure

N-allyl levallorphan-bromide see CM 32191

5-allyl-1-methoxy-2,3-(methylenedioxy)benzene see myristicin

1-allylnorantifeine
(RN) 2642-69-5
(RR) 53396-37-5 (cpd with unspecified propenyl locant)
(HM) *ETIMIZOL/analogs

N-allylnorcyclazocine see SK&F 10047

N-allylnormetazocine see SK&F 10047

N-allylnorphenazocine see SK&F 10047

9-allyloxy-6-chloro-3-methyl-2,3,4,5-tetrahydro-1H-benzazepine see SK&F 101253

1-(2-allylphenoxy)-3-((1-bromoacetylamino-p-menthane-8-yl)amino)-2-propanol see 1-(2-allylphenoxy)-3-((1-bromoacetylamino-4-menthane-8-yl)amino)-2-propanol

1-(2-allylphenoxy)-3-((1-bromoacetylamino-4-menthane-8-yl) amino)- 2-propanol
(RN) 76298-90-3
(SY) Br-8-ALPM
(SY) 1-(2-allylphenoxy)-3-((1-bromoacetylamino-p-menthane-8-yl)amino)-2-propanol
(HM) ALPRENOLOL/*analogs
(NO) alprenolol analog; isopropylamino group of alprenolol replaced by 1-bromoacetylamino-8-amino-p-menthane moiety in the 8 position; structure given in first source

1-(2-allylphenoxy)-3-((8-bromoacetylamino-4-menthane-1-yl)amino)-1-propanol see 1-(2-allylphenoxy)-3-((8-bromoacetylamino-4-menthane-1-yl)amino)-1-propanol

1-(2-allylphenoxy)-3-((8-bromoacetylamino-4-menthane-1-yl) amino)- 1-propanol
(RN) 76298-89-0
(SY) Br-1-ALPM
(SY) 1-(2-allylphenoxy)-3-((8-bromoacetylamino-4-menthane-1-yl)amino)-1-propanol
(HM) ALPRENOLOL/*analogs
(NO) irreversibly inactivates the dihydroalprenolol binding site; alprenolol analog; isopropylamino group of alprenolol replaced by 8-bromoacetylamino-1-amino-p-menthane moiety in the 1 position; structure given in first source

7-(2-allylphenoxy)-2,2-dimethyl-6-hydroxy-1-(7-(4-nitrobenzo-2-oxa-1,3-diazolyl))-1,4-diazaheptane see alprenolol-NBD

allyl propyl disulfide
(RN) 2179-59-1
(HM) *DISULFIDES
(PA) ANTIDIABETICS
(II) PLANT EXTRACTS
(NO) onion extract with hypoglycemic activity isol from Allium cepa Linn.; structure

allylpropymal
(RN) 77-02-1
(RR) 125-88-2 (mono-Na salt)
(SY) aprobarbital
(SY) aprobarbitone
(HM) *BARBITURATES
(NO) RN given refers to parent cpd

N-(1-allyl-2-pyrrolidinyl)methyl-2,3-dimethoxy-5-sulfamoylbenzamide see Veralipride

N-((allyl-1-pyrrolidinyl-2)-methyl)methoxy-2-azimido-4,5-benzamide see alizapride

N-((1-allyl-2-pyrrolidinyl)methyl)-6-methoxy-1H-benzotriazole-5-carboxamide see alizapride

allylsenevol see allyl isothiocyanate

allyl sulfide
(RN) 592-88-1
(HM) *SULFIDES
(II) GARLIC
(NO) essence of garlic

3-(allylthio)methyl)-6-chloro-3,4-dihydro-2H-1,2,4-benzothiadiazine-7-sulfonamide-1,1-dioxide see althiazide

allylthiourea
(RN) 109-57-9
(SY) thiosinamine
(HM) THIOUREA/*analogs
(PA) SCHISTOSOMICIDES

allyl trenbolone see 17-allyltrenbolone

17-allyltrenbolone
(RN) 850-52-2
(SY) 17 alpha-allyl-estratriene 4,9,11,17 beta-ol-one
(SY) allyl trenbolone
(SY) 17 alpha-allyl-17-beta-hydroxyestra-4,9,11-trien-3-one
(SY) Ru-2267
(SY) altrenogest
(HM) *TRENBOLONE/analogs
(II) PROGESTATIONAL HORMONES, SYNTHETIC

allysine
(RN) 1962-83-0
(HM) *2-AMINOADIPIC ACID/analogs
(NO) structure

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almagate
(SY) Almax
(SY) aluminum-magnesium hydroxycarbonate
(SY) aluminum-magnesium hydroxide carbonate
(HM) *ALUMINUM HYDROXIDE
(HM) *MAGNESIUM HYDROXIDE
(HM) *CARBONATES
(PA) ANTACIDS
(NO) crystalline cpd with empirical formula Al2Mg6(OH)14(CO3)2

almasilate see aluminum magnesium silicate

Almax see almagate

Almeria I fibrinogen see fibrinogen Almeria I

almitrine
(RN) 27469-53-0
(RR) 29608-49-9 (di-methanesulfonate)
(SY) S(E) 2620
(SY) S 2620
(SY) 1-(4,6-bis(allylamino)-2,5-triazinyl)-4-bis(p-fluorobenzhydryl)piperazine
(SY) vectarion
(SY) almitrine dimesylate
(SY) almitrine bis(methane sulfonate)
(HM) *PIPERAZINES
(PA) ANALEPTICS
(NO) used in therapy of respiratory insufficiency; RN given refers to parent cpd; structure

almitrine bis(methane sulfonate) see almitrine

almitrine dimesylate see almitrine

alnagon
(RN) 76741-93-0
(HM) *ASPIRIN
(HM) *CODEINE
(HM) *CAFFEINE
(HM) *PHENOBARBITAL
(HM) DRUG COMBINATIONS

Alnovin see fendosal

aloctin A
(RN) 78244-78-7
(HM) *LECTINS
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(PA) ANTI-INFLAMMATORY AGENTS
(NO) lectin from Aloe arborescens Mill which inhibits growth of mouse methylcholanthrene-induced fibrosarcoma

aloglutamol
(RN) 13755-41-4
(SY) Tasto
(SY) trometamolgluconate aluminum
(HM) TROMETHAMINE/*analogs
(HM) *ALUMINUM HYDROXIDE
(PA) ANTACIDS

aloxiprin
(RN) 9014-67-9
(SY) aluminum acetylsalicylate
(SY) Superpyrin
(SY) Palaprin Forte
(SY) aloxiprine
(HM) ASPIRIN/*analogs
(PA) ANALGESICS

aloxiprine see aloxiprin

1-O-alpha-2-acetamido-2-deoxygalactopyranosyl-myo-inositol
(SY) 1-ADGMI
(HM) *DISACCHARIDES
(NO) from pregnancy urine

alpha-acetohydroxyacid isomeroreductase see ketol-acid reductoisomerase

alpha-acetolactate
(RN) 535-17-1
(RR) 3853-80-3 ((+-)-isomer)
(SY) acetolactate
(HM) *LACTATES
(NO) RN given refers to cpd without isomeric designation

17 alpha-acetoxy-6 alpha-methylprogesterone see medroxyprogesterone 17-acetate

alpha-acetoxy-N-nitrosopyrrolidine
(RN) 59435-85-7
(HM) *N-NITROSOPYRROLIDINE/analogs
(NO) structure in first source

alpha-N-acetyl-alpha-endorphin see N-acetyl-alpha-endorphin

alpha-N-acetylamino acid hydrolase see alpha-N-acylamino acid hydrolase

alpha-L-2-N-acetylamino-2-desoxytaluronic acid see N-acetyltalosaminuronic acid

alpha-(N-acetylaminomethylene)succinic acid hydrolase
(RN) EC 3.5.1.-
(SY) Compound A hydrolase
(HM) *AMIDOHYDROLASES
(NO) involved in degradation of vitamin B6; forms acetic acid plus ammonia plus carbon dioxide plus succinic monoaldehyde

N(alpha)-acetylasparaginyl-lysyl-N(epsilon)-4-azidobenzoyl-threoninamide
(SY) N-Ac-Asn-Lys-AZB-Thr-NH2
(HM) *AZIDES
(HM) *OLIGOPEPTIDES
(II) AFFINITY LABELS
(NO) structure given in first source

alpha-N-acetyl-beta-endorphin see N-acetyl-beta-endorphin

alpha-N-acetyl beta-endorphin(1-26)
(RN) 78325-28-7
(SY) ANAC-BE26
(HM) *ENDORPHINS

1 alpha-acetyldinormethadol
(RN) 40488-01-5
(RR) 63814-63-1 ((R-(R*,R*))-isomer)
(RR) 54276-34-5 ((-)-(S-(R*,R*))-isomer)
(RR) 59872-11-6 (HCl(S-(R*,R*))-isomer)
(RR) 53714-57-1 (maleate)
(RR) 55096-77-0 (maleate(S-(R*,R*))-isomer)
(RR) 53495-71-9 (maleate(R*,R*)-(+-)-isomer)
(SY) dinor-LAAM
(SY) DNLAAM
(HM) METHADYL ACETATE/*analogs
(NO) RN given refers to cpd without isomeric designation; dinor-LAAM is the (-)-(S-(R*,R*))-isomer

N-alpha-acetylenkephalin carboxypeptidase
(RN) EC 3.4.17.-
(SY) N-acetyltyrosine deacetylase
(HM) *CARBOXYPEPTIDASES
(NO) removes sequentially 2 amino acids from C-terminal end of N-acetyl(Met5)- or N-acetyl(Leu5)-enkephalins; non-acetylated enkephalins less active; a metallocarboxypeptidase

N(alpha)-acetyl(fluorophenylalanyl (106)) troponin I (104-115)amide
(RN) 86129-34-2
(SY) N-alpha-acetyl(FPhe (106))TnI (104-115)amide
(SY) AFP-troponin I amide
(HM) *TROPONIN
(HM) *PEPTIDE FRAGMENTS
(NO) synthetic N-terminal acetylated rabbit skeletal troponin I fragment residues 104-115 with a C-terminal amide & fluorophenylalanine substituted at position 106 for phenylalanine; RN from first source; RN not in Chemline 10/83

N-alpha-acetyl(FPhe (106))TnI (104-115)amide see N(alpha)-acetyl(fluorophenylalanyl (106))troponin I (104-115)amide

alpha-N-acetylgalactosaminidase see alpha-N-acetyl-D-galactosaminidase

alpha-N-acetyl-D-galactosaminidase
(RN) EC 3.2.1.49
(SY) alpha-galactosidase B
(SY) endo-N-acetyl-alpha-D-galactosamidase
(SY) alpha-N-acetylgalactosaminidase
(SY) endo-alpha-N-acetylgalactosaminidase
(SY) N-acetyl-alpha-D-galactosaminidase
(SY) alpha-D-N-acetylgalactosaminyloligosaccharidase
(HM) *GALACTOSAMINIDASE

alpha-D-N-acetylgalactosaminyloligosaccharidase see alpha-N-acetyl-D-galactosaminidase

alpha-3-D-N-acetylgalactosaminyltransferase see UDPgalactosamine-galactose acetylgalactosaminyltransferase

alpha-3-N-acetyl-D-galactosaminyltransferase see UDPgalactosamine-galactose acetylgalactosaminyltransferase

N(alpha)-acetyl-gamma-endorphin see N-acetyl-gamma-endorphin

alpha-N-acetyl-D-glucosaminidase
(RN) EC 3.2.1.50
(RR) 37288-40-7 (CRN)
(HM) *ACETYLGLUCOSAMINIDASE

alpha-N-acetylglucosaminyl phosphodiesterase
(RN) EC 3.1.4.-
(SY) NACGL phosphodiesterase
(HM) *PHOSPHODIESTERASES

N-alpha-acetylglycyllysyl methyl ester
(RN) 10236-44-9
(RR) 35155-30-7 (unspecified acetate)
(RR) 14752-92-2 (mono-acetate)
(SY) AGLME
(SY) N-alpha-acetyl-Gly-Lys-methyl ester
(HM) *DIPEPTIDES
(NO) utilized in direct enzymatic assay for activated Hageman factor measuring ability of Hageman factor to hydrolyze the cpd; RN given refers to parent cpd; structure

N-alpha-acetyl-Gly-Lys-methyl ester see N-alpha-acetylglycyllysyl methyl ester

N(alpha)-(N-acetylmuramyl-alanyl-isoglutaminyl)-N(epsilon)stearoyllysine
(RN) 78113-36-7
(SY) MDP-Lys(l.18)
(HM) ACETYLMURAMYL-ALANYL-ISOGLUTAMINE/*analogs
(II) ADJUVANTS, IMMUNOLOGIC
(NO) stimulates chemotactic mobility, phagocytic activity & superoxide production by neutrophils in mice; structure given in first source

1 alpha-acetylnormethadol see noracymethadol

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N-alpha-acetylsomatotropin (7-13)
(RN) 85684-24-8
(SY) somatotropin, alpha-acetyl (7-13)-
(SY) hGh, alpha-acetyl (7-13)-
(SY) human growth hormone, N-alpha-acetyl (7-13)-
(SY) Ac-somatotropin (7-13)
(HM) *SOMATOTROPIN
(HM) *PEPTIDE FRAGMENTS
(NO) has insulin-like actions

alpha-L-N-acetyltalosaminuronic acid see N-acetyltalosaminuronic acid

alpha 1-18 ACTH see ACTH alpha(1-18)

alpha-N-acylamino acid hydrolase
(RN) EC 3.5.1.-
(SY) alpha-N-acetylamino acid hydrolase
(SY) ANAA-HASE
(HM) *AMIDOHYDROLASES
(NO) functions in catabolism of N-acetylamino acids resulting from turnover of alpha-N-acetylated proteins

N(alpha)-(1-adamantanesulfonyl)-N (epsilon)-(4-carboxybenzoyl)lysyl-alanyl-valinal
(SY) ASCB-Lys-Ala-Val
(HM) ADAMANTANE/*analogs
(PA) PANCREATOPEPTIDASE/antag

4-(alpha-N-L-alanine)-7-nitrobenz-2-oxa-1,3-diazole see nitrobenzoxadiazolealanine

alpha-albumin
(HM) *ALBUMINS
(II) NERVE TISSUE PROTEINS
(NO) brain-specific protein

9 alpha,11 alha,15 alpha-trihydroxy-16-phenoxy-17,18, 19,20-tetranorprosta-4,5,13-trans-trienoic acid see 9 alpha,11 alpha,15 alpha-trihydroxy-16-phenoxy-17,18, 19,20-tetranorprosta-4,5,13-trienoic acid

alpha-allenylputrescine see 5,6-heptadiene-1,4-diamine

alpha-allophanyl-alpha-allyl-gamma-valerolactone see valofane

alpha-allyl-alpha-allophanyl-gamma-valerolactone see valofane

alpha-allylamino propion-o-toluidide see L-134

17 alpha-allyl-17-beta-hydroxyestra-4,9,11-trien-3-one see 17-allyltrenbolone

17 alpha-allyl-estratriene 4,9,11,17 beta-ol-one see 17-allyltrenbolone

2alpha,3alpha,22alpha,23alpha-tetrahydroxy-24alpha-methyl-B-homo-7-oxa-5alpha-cholestan-6-one see brassinolide

(2alpha,4alpha,5alpha,17beta)-4,5-epoxy-17-hydroxy-4, 17-dimethyl-3-oxoandrostane-2-carbonitrile see Win 32729

alpha,alpha,alpha-6-tetrachloro-2-picoline see nitrapyrin

3 alpha,7 alpha,12 alpha,23-tetrahydroxy-5 beta-cholan-24-oic acid
(RN) 6879-45-4
(SY) 3,7,12,23-TCOA
(HM) *CHOLIC ACIDS

3 alpha,7 alpha,12 alpha,24-tetrahydroxy-5 beta-cholestanoic acid
(RN) 1061-64-9
(SY) TTHCA
(SY) varanic acid
(HM) *CHOLESTANOLS

3 alpha,7 alpha,12 alpha,25-tetrahydroxy-5 beta-cholestan-24-one
(RN) 82280-61-3
(SY) 3,7,12,25-THCHO
(HM) *CHOLESTANOLS
(NO) intermediate in the 25-hydroxylation pathway of cholic acid biosynthesis from cholesterol

alpha,alpha,alpha-trichloro-4-chlorotoluene
(RN) 5216-25-1
(SY) AAATCT
(HM) *HYDROCARBONS, CHLORINATED
(II) AIR POLLUTANTS, OCCUPATIONAL
(NO) structure given in first source

alpha,alpha,alpha-trifluoro-4-nitro-m-cresol see TFM

3alpha,7alpha,12alpha-trihydroxy-5beta-cholan-24-oylglycine amidohydrolase see choloylglycine hydrolase

3 alpha,7 alpha,12 alpha-trihydroxy-5 beta- cholestanoic acid see 3 alpha,7 alpha,12 alpha-trihydroxycoprostanic acid

3 alpha,7 alpha,12 alpha-trihydroxy-5 beta-cholestan-26-oic acid
(RN) 547-98-8
(RR) 23740-14-9 ((25R)-isomer)
(RR) 23047-29-2 ((25S)-isomer)
(HM) *CHOLESTANOLS
(NO) RN given refers to (3alpha,5beta,7alpha,12alpha)-isomer

3 alpha,17 alpha,20 alpha-trihydroxy-5 beta-pregnan- 11-one see pregnanetriolone

3 alpha,7 alpha,12 alpha-trihydroxy-27-carboxymethyl-5 beta-cholestan-26-oic acid
(RN) 82583-52-6
(SY) THCMCA
(SY) 3 alpha,7 alpha, 12 alpha-trihydroxy-27a,27b-dihomo-5 beta-cholestane-26,27b-dioic acid
(HM) *CHOLESTANOLS
(NO) C-29 dicarboxylic bile acid in infants with coprostanic acidemia

3 alpha,7 alpha,12 alpha-trihydroxycoprostanic acid
(RN) 863-39-8
(SY) THCA
(SY) 3 alpha,7 alpha,12 alpha-trihydroxy-5 beta-cholestanoic acid
(HM) *CHOLIC ACIDS
(II) ISOMERISM

3 alpha,7 alpha, 12 alpha-trihydroxy-27a,27b-dihomo-5 beta-cholestane-26,27b-dioic acid see 3 alpha,7 alpha,12 alpha-trihydroxy-27-carboxymethyl- 5 beta-cholestan-26-oic acid

9 alpha,11 alpha,15 alpha-trihydroxy-16-phenoxy-17,18,19,20-tetranorprosta-4,5, 13-trienoic acid
(RN) 61456-25-5
(SY) TPT
(SY) TPTPT
(SY) 9 alpha,11 alha,15 alpha-trihydroxy-16-phenoxy-17,18,19,20-tetranorprosta-4,5,13-trans- trienoic acid
(HM) *PROSTAGLANDINS, SYNTHETIC
(PA) ABORTIFACIENT AGENTS, NON-STEROIDAL

alpha-S,5S-alpha-amino-3-chloro-2-isoxazoline-5- acetic acid see acivicin

(-5alpha, 11alpha,13a)-13-amino-5,6,7,8,9,10,11,12-octahydro-5-methyl-5,11-methanobenzocyclodecen-3-ol see dezocine

11 alpha, 16 alpha, beta-dihydroxy-1,9-dioxo-1-hydroxymethyl-16-methyl-13-trans-prostene see CL 115,574

dl-9-alpha,11 alpha,15 beta-trihydroxy-15 alpha-methylprosta-4,5,13-(trans)-trienoic acid methyl ester see prostalene

3 alpha,6 alpha,7 beta-trihydroxy-5 beta-cholanoic acid see muricholic acid

alpha, alpha'-bis(3-(N,N-diethylcarbamoyl)piperidino)-4-xylene
(RN) 10059-97-9
(RR) 2128-88-3 (di-HBr)
(SY) BDCPX
(HM) *NIPECOTIC ACIDS
(NO) enhances human blood platelet membrane integrity; RN given refers to parent cpd in Chemline

3 alpha,5 alpha-cyclocholestan-6 beta-ol see i-cholesterol

alpha, alpha'-(4,4'-diamino-3,3'-biphenylenedioxy) dibutyric acid see dicarboxidine

6 alpha,7 alpha-difluoromethylene-4',5'-dihydro-1 alpha,2 alpha-methylene-(17R)spiro(androst-4-ene-17,2' (3'H)-furan)-3-one see MK-316

3 alpha,17 alpha-dihydroxy-5 alpha-pregnan-20-one see 17-hydroxypregnanolone

1 alpha,3 alpha-dihydroxy-5 beta-cholan-24-oic acid methyl ester see methyl 1,3-dihydroxy 5-cholan-24-oate

3 alpha,7 alpha-dihydroxy-5 beta-cholestan-26-oic acid
(HM) *CHOLESTANOLS

3 alpha,7 alpha-dihydroxy-7 beta-methyl-5 beta- cholanoic acid see 3,7-dihydroxy-7-methyl-5-cholanoic acid

3 alpha,17 alpha-dihydroxy-5 beta-pregnan-20-one see 17-hydroxypregnanolone

3 alpha,7 alpha-dihydroxy-7-keto-5 beta-cholanoic acid see 7-ketodeoxycholic acid

3 alpha,12 alpha-dihydroxy-7-keto-5 beta- cholanoyltaurine see 3,12-dihydroxy-7-oxocholanoyltaurine

5 alpha,7 alpha-dihydroxy-11-ketotetranorprostane 1, 16-dioic acid see prostaglandin F-main urinary metabolite

5 alpha,7 alpha-dihydroxy-11-ketotetranorprostane-1,16-dioic acid
(SY) 5,7-DKPDA
(HM) *PROSTAGLANDINS F
(NO) main urinary metabolite of prostaglandin F(2 alpha)

2-(3 alpha,6 alpha-dihydroxy-24-nor-5 beta-cholanyl)-4,4-dimethyl-2-oxazoline see hyodeoxyoxazoline

17 alpha,20 alpha-dihydroxyprogesterone
(RN) 10456-50-5
(RR) 652-69-7 ((20S)-isomer)
(SY) 4-pregnene-17 alpha,20 alpha-diol-3-one
(SY) 17a,20a-DHP
(SY) 17,20-dihydroxy-4-pregnen-3-one
(HM) *HYDROXYPROGESTERONES
(NO) possible role in regulation of testosterone synthesis by rat & rabbit testis; see also record for (20R)-isomer: 1662-06-2; RN given refers to cpd without isomeric designation; structure

N(alpha),N(alpha)-dimethylalanine see N,N-dimethylalanine

alpha,alpha-dimethyl-4-(alpha,alpha,beta,beta-tetrafluorophenethyl)benzylamine isethionate see MK 251

alpha,alpha'-dimethyl-4,4'-stilbenediol see dimethylstilbestrol

3 alpha,12 alpha-diol-7-one-5 beta-cholanoic acid see 7-ketodeoxycholic acid

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alpha,alpha-dithiocaproic acid see 2,2'-disulfohexanoic acid

2 alpha,3 alpha-epithio-5 alpha-androstan-17 beta-ol see epitiostanol

2 alpha,3 alpha-epithio-5 alpha-androstan-17 beta-yl-1-methoxycyclopentyl ether see mepitiostane

16 alpha,17 alpha-epoxy-4-androsten-3-one

(RN) 51067-43-7
(SY) 16 alpha,17 alpha-epoxyandrost-4-en-3-one
(HM) *ANDROSTENES

16 alpha,17 alpha-epoxyandrost-4-en-3-one see 16 alpha,17 alpha-epoxy-4-androsten-3-one

1 alpha,2 alpha-epoxyhexahydrocannabinol

(RN) 70711-55-6
(SY) EHHC
(SY) 8 alpha,9 alpha-epoxyhexahydrocannabinol
(HM) TETRAHYDROCANNABINOL/*analogs
(PA) MUTAGENS
(NO) metabolite of delta(1)-THC

8 alpha,9 alpha-epoxyhexahydrocannabinol see 1 alpha,2 alpha-epoxyhexahydrocannabinol

5 alpha-3 alpha-hydroxysteroid dehydrogenase

(RN) EC 1.1.1.50
(RR) 9028-56-2 (CRN)
(SY) 3 alpha-hydroxysteroid dehydrogenase
(SY) 3 alpha-hydroxysteroid oxidoreductase
(SY) 3 oC-hydroxysteroid dehydrogenase
(HM) *3-HYDROXYSTEROID DEHYDROGENASES
(NO) androsterone can be substrate

alpha, alpha-phosphotrehalase

(RN) EC 3.2.1.93
(SY) trehalose-6-phosphate hydrolase
(HM) *DISACCHARIDASES
(NO) forms glucose plus glucose-6-phosphate

14 alpha, 17 alpha-propylidenedioxyprogesterone see proligestone

16 alpha,17 alpha-(22R,S)-propylmethylenedioxypregna-1,4-diene-11 beta,21-diol-3,20-dione see budesonide

3 alpha,5 alpha-tetrahydroaldosterone see tetrahydroaldosterone

alpha,alpha-trehalose-phosphate synthase (UDP-forming)

(RN) EC 2.4.1.15
(RR) 9030-07-3 (CRN)
(HM) *GLUCOSYLTRANSFERASES

alpha,alpha-trehalose phosphorylase

(RN) EC 2.4.1.64
(HM) *GLUCOSYLTRANSFERASES

alpha,alpha-trehalose 2-sulfate see trehalose 2-sulfate

3 alpha,7 alpha,23-trihydroxy-5 beta-cholan-24-oic acid

(RN) 64937-93-5
(SY) 3,7,23-TCOA
(HM) *CHOLIC ACIDS
(NO) RN given refers to Na salt (3alpha,5beta,7alpha)-isomer; RN for parent cpd not in Chemline 8/1/83

alpha-amidation monooxygenase see amide synthetase

9 alpha-aminoacetonitrile-oxytocin see oxytocin, 9 alpha-aminoacetonitrile-

alpha-aminoacetophenone see phenacylamine

alpha-aminoacrylate see dehydroalanine

alpha-aminoacyl-peptide hydrolase see Clostridium histolyticum aminopeptidase

alpha-aminoadipate aminotransferase see 2-aminoadipate aminotransferase

alpha-aminoadipate reductase system see L-aminoadipate semialdehyde dehydrogenase

(alpha-aminoadipyl)cysteinylvaline see 5-(2-aminoadipyl)cysteinylvaline

(L-alpha-aminoadipyl)-L-cysteinyl-D-valine see 5-(2-aminoadipyl)cysteinylvaline

(alpha-aminoadipyl)-Cys-Val see 5-(2-aminoadipyl)cysteinylvaline

3 alpha-amino-5 alpha-androstan-2 beta-ol-17-one.HCl see ORG 6001

alpha-amino-alpha-methyl-beta-carboxyethanephosphinic acid

(SY) AAAMCP
(HM) ALANINE/*analogs
(HM) *ORGANOPHOSPHORUS COMPOUNDS
(NO) has weak anticonvulsant activity; structure given in first source

alpha-amino-beta-chlorobutyrate

(RN) 14561-56-9
(RR) 26340-83-0 (threo(R-(R*,R*)-isomer)
(RR) 14561-37-6 ((R*,R*)-(+-)-isomer)
(SY) TACB
(SY) 2-amino-3-chlorobutyric acid
(HM) *AMINOBUTYRIC ACIDS
(NO) RN given refers to cpd without isomeric designation; structure

alpha-amino beta-hydroxyvaleric acid see 3-hydroxynorvaline

alpha-aminobutyric acid see butyrine

N(alpha)-(4-aminobutyryl)cystathionine

(RN) 77659-42-8
(HM) *DIPEPTIDES
(NO) RN given refers to (S)-isomer; RN for cpd without isomeric designation not in Chemline 8/2/83; structure given in first source

alpha-amino-3-chloro-4,5-dihydro-5-isoxazoleacetic acid see acivicin

N(alpha)-(4-amino-4-deoxy-N(10)-methylpteroyl)-N(delta)-(5-(N,N-dimethylamino)-1-naphthalenesulfonyl) ornithine

(RN) 83966-27-2
(SY) APA-Orn-DNS
(HM) METHOTREXATE/*analogs
(II) FLUORESCENT DYES
(NO) RN & structure given in first source

N-(alpha)-(4-amino-4-deoxy-N(10)-methylpteroyl)-N-(epsilon)-(5-(N,N-dimethylamino)-1-naphthalenesulfonyl) lysine

(RN) 83416-29-9
(SY) APA-Lys-DNS
(SY) ADMDNL
(HM) METHOTREXATE/*analogs
(HM) *DANSYL COMPOUNDS
(II) FLUORESCENT DYES
(NO) RN & structure given in first source

N(alpha)-(4-amino-4-deoxy-N(10)-methylpteroyl-N (epsilon)-4'-fluoresceinthiocarbamoyl)-L-lysine trihydrate see PT 430

L-alpha-amino-epsilon-caprolactamase

(RN) EC 3.5.2.-
(SY) caprolactamase
(HM) *AMIDOHYDROLASES

alpha-amino-epsilon-caprolactam racemase see aminocaprolactam racemase

3 alpha-N-(2-aminoethanoyl)amino-5 alpha-pregnan-20- one see LH 1

alpha-amino-(4-hydroxybenzylidene) diphosphonate

(SY) BDP3
(HM) *BENZYLIDENE COMPOUNDS
(HM) *DIPHOSPHONATES

alpha-amino-3-hydroxy-4-(hydroxymethyl)benzeneacetic acid see forphenicinol

alpha-amino-3-hydroxy-5-methyl-4-isoxazoleacetic acid

(RN) 77006-27-0
(RR) 74341-61-0 ((+-)-isomer)
(HM) *IBOTENIC ACID/analogs
(NO) RN given refers to cpd without isomeric designation; structure given in first source

alpha-amino-3-hydroxy-5-methyl-4-isoxazolepropionic acid

(RN) 74341-63-2
(RR) 74341-63-2 ((+-)-isomer)
(RR) 83643-88-3 ((S)-isomer)
(RR) 83654-13-1 ((R)-isomer)
(RR) 84799-50-8 (mono-HBr(R)-isomer)
(RR) 84799-52-0 (mono-HBr(S)-isomer)
(SY) AMPA
(SY) 2-amino-3-hydroxy-5-methyl-4-isoxazole-3'-propionic acid
(HM) *IBOTENIC ACID/analogs
(NO) radionuclide imageing agent; RN given refers to parent cpd without isomeric designation; structure given in first source

alpha-aminoisobutyrate see 2-aminoisobutyric acid

alpha-aminoisobutyric acid see 2-aminoisobutyric acid

1-alpha-aminoisobutyric acid-angiotensin II see angiotensin II, 1-Aib

alpha-(aminomethyl)-2-hydroxybenzenemethanol see 2-octopamine

alpha-(aminomethyl)-3-hydroxybenzyl alcohol see norfenefrine

7-(alpha-(2-aminomethylphenyl)acetamido)-3-((1-carboxymethyltetrazol-5-ylthiomethyl)-3-cephem-4-carboxylic acid see ceforanide

alpha-2-aminooctanedioate see aminosuberate

L-alpha-aminooxy-beta-phenylpropionic acid see alpha-aminooxy-beta-phenylpropionic acid

alpha-aminooxy-beta-phenylpropionic acid

(RN) 42990-62-5
(RR) 73086-97-2 (HBr(S)-isomer)
(RR) 42990-60-3 ((R)-isomer)
(SY) AOPP
(SY) L-alpha-aminooxy-beta-phenylpropionic acid
(HM) PHENYLALANINE/*analogs
(NO) inhibits phenylalanine ammonia-lyase; RN given refers to (S)-isomer; RN for cpd without isomeric designation not in Chemline 11/17/83

alpha-(4-aminophenyl)-alpha-(4-imino-2,5-cyclohexadien-1-ylidene)-4-toluidine monohydrochloride see pararosaniline

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7 alpha-(4'-amino) phenylthioandrostenedione
(RN) 67340-72-1
(SY) UM-583
(SY) UM 583
(HM) ANDROSTENEDIONE/*analogs

(-)-alpha-amino-propiophenone see cathinone

alpha-aminopropiophenone see cathinone

alpha-aminopyridine
(RN) 504-29-0
(RR) 32654-45-8 (HCl)
(RR) 6890-48-8 (sulfate)
(SY) ortho-aminopyridine
(SY) 2-aminopyridine
(HM) *AMINOPYRIDINES
(II) FLUORESCENT DYES
(NO) RN given refers to parent cpd; structure in Merck Index, 9th ed, #485

D-alpha-aminosuberate see aminosuberate

(1,6-alpha-aminosuberic acid-3-(4-azidophenylalanine) 8-arginine)vasopressin see vasopressin, Asu(1,6)-3-Phe(4-N3)Arg-

1,6-alpha-aminosuberic acid oxytocin see oxytocin, 1,6-alpha-Asu-

alpha-aminothiophene propanoic acid see 2-thienylalanine

alpha-aminovaleric acid see norvaline

alpha-aminoxypropionic acid see 2-aminooxypropionic acid

alpha-amylase-trypsin inhibitor see amylase-trypsin inhibitor

alpha-amylcinnamic alcohol see 2-pentylcinnamic alcohol

alpha-amylcinnamic aldehyde see 2-pentylcinnamaldehyde

5 alpha-androstane 3 alpha,17 beta-diol dipropionate see 5-androstane 3,17-diol dipropionate

5 alpha-androstane-3 alpha,17 beta-diol 3,17-disulfate see 5-androstane-3,7-diol disulfate

5 alpha-androstane-3 alpha,17 beta-diol glucuronide see androstane-3,17-diol glucuronide

5 alpha-androstane-3 alpha,17 beta-diol
(RN) 1852-53-5
(HM) *5-ANDROSTANE-3,17-DIOL
(II) STEREOISOMERS

5 alpha-androstane-3 beta,6 alpha,17 beta-triol
(RN) 49644-04-4
(RR) 19316-60-0 ((3beta,5alpha,6beta,17beta)-isomer)
(RR) 1030-14-9 (3alpha,5alpha,6beta,17beta)-isomer)
(SY) 6 alpha-triol
(SY) 3 beta,6 alpha,17 beta-trihydroxy-5 alpha-androstane
(HM) *5-ANDROSTANE-3,17-DIOL/analogs
(NO) testosterone metabolite found in ratprostate; RN given refers to (3beta,5alpha,6alpha,17beta)-isomer

5 alpha-androstane-3 beta,7 alpha,17 beta-triol
(RN) 19316-62-2
(RR) 41843-62-3 ((3alpha,5alpha,7beta,17beta)-isomer)
(RR) 19316-58-6 ((3alpha,5alpha,7alpha,17beta)-isomer)
(SY) 3 beta,7 alpha,17 beta-trihydroxy-5 alpha-androstane
(HM) *5-ANDROSTANE-3,17-DIOL/analogs
(NO) RN given refers to (3beta,5alpha,7alpha,17beta)-isomer

5 alpha-androstane-3 beta,17 beta-diol 6 alpha-hydroxylase
(RN) EC 1.14.13.-
(SY) ARTDL 6 alpha-hydroxylase
(HM) *STEROID HYDROXYLASES
(NO) requires NADPH, found in rat prostatic microsomes

5 alpha-androstane 3 beta,17 beta-diol 7 alpha-hydroxylase
(RN) EC 1.14.13.-
(SY) ARTDL 7 alpha-hydroxylase
(HM) *STEROID HYDROXYLASES
(NO) requires NADPH, found in rat prostate microsomes

5 alpha-androstane-3,17-dione see 5-androstane-3,17-dione

5 alpha-androstane see androstane

5 alpha-androstan-3-one see androstan-3-one

5 alpha-androst-16-en-3 alpha-ol
(RN) 1153-51-1
(SY) androst-16-en-3 alpha-ol
(HM) *ANDROSTENOLS

5 alpha-androst-16-en-3 beta-ol
(RN) 7148-51-8
(RR) 4572-71-8 ((3alpha,5beta)-isomer)
(RR) 19321-55-2 ((3beta)-isomer)
(HM) *ANDROSTENOLS
(NO) from boar testis; RN given refers to (3beta,5alpha)-isomer

5 alpha-androst-16-en-3-one receptor
(SY) 5-androst-16-en-3-one receptors
(SY) receptor, 5-androst-16-en-3-one
(HM) *RECEPTORS, ANDROGEN
(II) ANDROSTENES

5 alpha-androst-16-en-3-one
(RN) 18339-16-7
(RR) 52225-35-1 ((5beta)-isomer)
(HM) *ANDROSTENES
(NO) boar taint steroid; RN given refers to (5alpha)-isomer

alpha ANP-LYS see 1-(4-arsono-2-nitrophenyl)lysine

alpha-1-antichymotrypsin see alpha(1)-antichymotrypsin

alpha(1)-antichymotrypsin
(SY) antichymotrypsin
(SY) alpha-1-antichymotrypsin
(SY) glycoprotein gp68
(HM) CHYMOTRYPSIN/*antag
(PA) PROTEASE INHIBITORS
(PA) TRYPSIN INHIBITORS
(NO) glycoprotein in alpha(1)-globulin region in human serum immunoelectrophoresis; protease inhibitor with high specificity for chymotrypsin

alpha-2-antiplasmin see plasmin-alpha(2)-macroglobulin complex

alpha 1-antitrypsin-leukocyte elastase complex
(SY) alpha-ATE complex
(HM) *ALPHA 1-ANTITRYPSIN
(HM) *ELASTASE
(II) LEUKOCYTES
(NO) used in enzyme-linked differential antibody immunosorbent assay in blood for determination of protein-cleaving enzymes

alpha 1-antitrypsin Pittsburgh
(HM) *ALPHA 1-ANTITRYPSIN
(NO) methionine replaced by arginine at position 358

alpha 1-antitrypsin, Z variant
(SY) Z alpha 1-antitrypsin
(HM) *ALPHA 1-ANTITRYPSIN
(NO) abnormal alpha 1-antitrypsin variant in which glutamic acid is replaced by lysine at position 342

alpha-L-arabinofuranosidase
(RN) EC 3.2.1.55
(RR) 9067-74-7 (CRN)
(SY) arabinosidase
(HM) *GLYCOSIDE HYDROLASES

8-O-(alpha-arabinofuranosyl)-beta-peltatin A see beta-peltatin A-alpha-L-arabinofuranoside

6 alpha-arabinosyloxy-2,6-dimethyl-2,7-octadienoic acid
(SY) APODOA
(HM) *TERPENES
(II) PLANTS, MEDICINAL
(NO) monoterpene glycoside from fruit of Gymnocladus chinensis Baillon; used in traditional Chinese medicine; structure given in first source

alpha-(4-arsono-2-nitrophenyl)-L-lysine see 1-(4-arsono-2-nitrophenyl)lysine

N-L-alpha-aspartyl-L-phenylalanine see aspartyl-phenylalanine

alpha-Asp-Val-Pro-Lys-Ser-alpha-Asp-Gln-Phe-Val-Gly-Leu-Met-amide see kassinin

1,6-alpha-Asu-oxytocin see oxytocin, 1,6-alpha-Asu-

alpha-ATE complex see alpha 1-antitrypsin-leukocyte elastase complex

17 alpha-aza-homo-delta (1,3,5(10)) estratrien-3-ol-17-one-4-N,N-bis(2-chloroethyl)aminophenylacetate
(RN) 87777-66-0
(SY) AZEBCAP
(HM) *AZASTEROIDS
(HM) *NITROGEN MUSTARD COMPOUNDS
(PA) ANTINEOPLASTIC AGENTS
(NO) structure given in first source

N(alphaB1)-(biotinyl-epsilon-aminocaproyl)insulin
(SY) BAC-insulin
(HM) INSULIN/*analogs
(NO) used for purification of insulin receptors

N(alpha)-Bct-1-Ser-4-Nle-7-Phe-alpha-MSH see MSH, N(alpha)-Bct-1-Ser-4-Nle-7-Phe-alpha-

N-alpha-benzoylargininеamide
(RN) 965-03-7
(RR) 4299-03-0 (mono-HCl(s)-isomer)
(RR) 4310-58-1 (mono-Na salt.mono-HCl(S)-isomer)
(SY) N-BAA
(SY) N-benzoyl-L-argininamide
(HM) ARGININE/*analogs
(PA) UROKINASE/antag
(NO) RN given refers to parent cpd(S)-isomer; RN for cpd without isomeric designation not in Chemline 8/84

N-alpha-benzoyl-L-phenylalanyl-L-valyl-L-arginine-p-nitroanilide see S 2160

alpha-benzyl-alpha-bromomalodinitrile
(RN) 1867-33-0
(SY) alpha-bromo-alpha-benzylmalodinitrile
(SY) BBMD
(HM) *NITRILES
(NO) interferes with primary electron acceptor Q of Photosystem II in chloroplasts; structure

alpha-benzylimino-o-cresol see saddamine

alpha-benzylmalic acid see 2-benzylmalic acid

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N-(alpha)-benzyloxycarbonyllysine
(RN) 2212-75-1
(RR) 22834-64-6 (ion(1-)(L-Lys)-isomer)
(SY) N(2)-benzyloxycarbonyl-L-lysine
(SY) Z-N-(2)-lysine
(HM) LYSINE/*analogs
(NO) RN given refers to (L-Lys)-isomer; RN for cpd without isomeric designation not in Chemline 8/2/83

alpha-N-benzyloxycarbonyl-L-lysine para-nitrophenyl ester see N-benzyloxycarbonyllysine 4-nitrophenyl ester

N-(alpha)-benzyloxycarbonyl-D-phenylalanyl-L-alanine see N-benzyloxycarbonylphenylalanylalanine

alpha-benzylphenethylamine see 1,3-diphenyl-2-aminopropane

5 alpha,20 beta(F),22 alpha(F),25 beta(F),27- azaspirostan-3 beta-ol see tomatidine

3 alpha,7 beta,12 alpha-trihydroxy-5 beta-cholan-24- oic acid see ursocholic acid

1 alpha,2 beta,4 beta,5,6,7 beta,8,8-octachloro-2,3 alpha-epoxy-3a alpha,4,7,7a alpha-tetrahydro-4,7-methanoindan see oxychlordane

alpha beta, beta gamma-2CH2-dTTP see alpha beta, beta gamma-dimethylenedeoxythymidine 5'- triphosphate

alpha beta, beta gamma-dimethylenedeoxythymidine 5'-triphosphate
(RN) 90094-77-2
(SY) alpha beta, beta gamma-2CH2-dTTP
(SY) abbg-dm-dTTP
(HM) *THYMINE NUCLEOTIDES
(PA) RIBONUCLEOTIDE REDUCTASES/antag

alpha,beta-bromomethylene-ATP see 5'-adenylyl (alpha,beta-bromomethylene)diphosphonate

alpha beta-CH2-dTTP see alpha,beta-methylenedeoxythymidine 5'-triphosphate

alpha,beta-dehydroalanine see dehydroalanine

3 alpha,17 beta-diacetoxy-2 beta,16 beta-dipiperidino- 5 alpha-androstane see ORG NC 45

3alpha,17beta-diacetoxyl-2beta,16beta-dipiperidino-5alpha-androstane 16beta-N-monomethobromide see ORG NC 45

alpha,beta-diacryloxypropionic acid
(SY) DAPS
(HM) *ACRYLATES
(NO) sensitizing impurity in commercial acrylic acid; structure given in first source

alpha,beta-diaminopropionic acid see 2,3-diaminopropionic acid

3 alpha,4 beta-dihydroxy-1 alpha,2 alpha-epoxy-1,2,3,4-tetrahydrobenzo(c)phenanthrene see 3,4-dihydroxy-1,2-epoxy-1,2,3,4-tetrahydrobenz(a) anthracene

3 alpha,7 beta-dihydroxy-7 alpha-methyl-5 beta- cholanoic acid see 3,7-dihydroxy-7-methyl-5-cholanoic acid

3alpha,11beta-dihydroxy-5beta-androstan-17-one see 11 beta-hydroxyandrosterone

3 alpha,4 beta-dihydroxy-1 beta,2 beta-epoxy-1,2,3,4-tetrahydrobenzo(c)phenanthrene see 3,4-dihydroxy-1,2-epoxy-1,2,3,4-tetrahydrobenz(a) anthracene

3 alpha,7 beta-dihydroxy-22,23-methylene-5 beta-cholan-24-oic acid see 3,7-dihydroxy-22,23-methylene-5-cholan-24-oic acid

2-(3 alpha,7 beta-dihydroxy-24-nor-5 beta-cholanyl)-4,4-dimethyl-2-oxazoline see chenooxazoline

1 alpha,3 beta-dihydroxy-24-nor-9,10- seco-5,7,10(19)-cholatrien-23-oic acid see calcitroic acid

17 alpha,20 beta-dihydroxypregn-4-en-3-one
(RN) 1662-06-2
(RR) 5598-00-5 ((7-T-labeled-(20S)-isomer)
(SY) 17alpha-hydroxy-20beta-dihydroprogesterone
(SY) 17 alpha,20 beta-dihydroxyprogesterone
(HM) *HYDROXYPROGESTERONES
(NO) RN given refers to (20R)-isomer; see also record for (20S)-isomer: 652-69-7

17 alpha,20 beta-dihydroxyprogesterone see 17 alpha,20 beta-dihydroxypregn-4-en-3-one

alpha,beta-ketoalkene reductase
(RN) EC 1.3.1.-
(HM) *OXIDOREDUCTASES
(NO) NADH is much less effective than NADPH

4 alpha-beta-methyl-6 beta-(3'-oxobutyl)-2,3,4,4a,5,6,7,8-octahydro-2-naphthalenone see BRL 20459

alpha,beta-methylene-adenosinediphosphate see AOPCP

alpha,beta-methyleneadenosine 5'-triphosphate
(RN) 7292-42-4
(RR) 58337-46-5 (Li salt)
(RR) 22536-02-3 (unspecified Mg salt)
(SY) adenosine 5'-(alpha,beta-methylene)triphosphate
(SY) HPCPP
(SY) alpha,beta-methylene ATP
(SY) APPCP
(HM) ADENOSINE TRIPHOSPHATE/*analogs
(NO) RN given refers to parent cpd

alpha,beta-methylene ADP see AOPCP

alpha,beta-methylene ATP see alpha,beta-methyleneadenosine 5'-triphosphate

alpha,beta-methylenedeoxythymidine 5'-triphosphate
(RN) 24716-71-0
(SY) alpha beta-CH2-dTTP
(HM) *THYMINE NUCLEOTIDES
(PA) RIBONUCLEOTIDE REDUCTASES/antag

alpha, beta-poly((2-hydroxyethyl) aspartamide-co-(4-hydroxyphenethyl) aspartamide)
(SY) poly-alpha, beta((2-hydroxyethyl)aspartamide-co-(4-hydroxyphenethyl)aspartamide)
(SY) PHEA-Tyr
(HM) *PEPTIDES
(NO) used as indicator for the functional localization of cisplatin-induced tubular injury; structure given in first source

alpha,beta poly((2-hydroxyethyl) aspartamide-tyramine
(SY) poly-2HEA-tyramine
(HM) *PEPTIDES
(II) PLASMA SUBSTITUTES
(NO) tyramine on side chains of polymer

alpha,beta-poly((2-hydroxyethyl)-DL-aspartamide) see alpha,beta-poly((2-hydroxyethyl)-aspartamide)

alpha,beta-poly((2-hydroxyethyl)-aspartamide)
(SY) POLY 2HEA
(SY) alpha,beta-poly((2-hydroxyethyl)-DL-aspartamide)
(HM) *PEPTIDES
(II) PLASMA SUBSTITUTES
(NO) structure

3 alpha,5 beta-tetrahydroaldosterone see tetrahydroaldosterone

3 alpha,5 beta-tetrahydrodeoxycorticosterone
(RN) 567-03-3
(RR) 567-01-1 ((3beta,5alpha)-isomer)
(RR) 567-02-2 ((3alpha,5alpha)-isomer)
(SY) 3 alpha,21-dihydroxy-5 beta-pregnan-20-one
(SY) tetrahydrodesoxycorticosterone
(SY) 3 beta,5 alpha-tetrahydrodeoxycorticosterone
(HM) DESOXYCORTICOSTERONE/*analogs
(NO) RN given refers to (3alpha,5beta)-isomer; RN for cpd without isomeric designation not in Chemline 1/4/84

N(alpha)-biocytinyl-1-seryl-4-norleucyl-7-phenylalanine-alpha-MSH see MSH, N(alpha)-Bct-1-Ser-4-Nle-7-Phe-alpha-

alpha-biotinyl-arginine(1)-substance P see substance P, alpha-biotinyl-Arg(1) -

alpha-biotinyl-Arg(1)-substance P see substance P, alpha-biotinyl-Arg(1) -

N(alpha)-biotinyl-GRF(1-44)NH2 see somatotropin releasing hormone, N(alpha) biotinyl(1- 44)amide

alpha-biotinyl-lysine(3)-substance P(3-11) see substance P(3-11), alpha-biotinyl-Lys(3)-

alpha-biotinyl-Lys(3)-substance P(3-11) see substance P(3-11), alpha-biotinyl-Lys(3)-

16 alpha-(77Br)-bromoestradiol-17 beta see 16 alpha-bromo-17 beta-estradiol

11 alpha-bromoacetoxyprogesterone
(RN) 36049-50-0
(HM) *HYDROXYPROGESTERONES
(II) AFFINITY LABELS

16 alpha-bromoacetoxyprogesterone
(RN) 51541-48-1
(HM) *HYDROXYPROGESTERONES
(II) AFFINITY LABELS
(NO) structure

alpha-bromo-alpha-benzylmalodinitrile see alpha-benzyl-alpha-bromomalodinitrile

16 alpha-bromo-17 beta-estradiol
(RN) 54982-79-5
(RR) 76790-31-3 ((16alpha,17beta)-isomer)
(RR) 76790-29-9 ((16alpha,17alpha)-isomer)
(RR) 51946-42-0 ((16beta,17beta)-isomer)
(SY) 16 alpha-(77Br)-bromoestradiol-17 beta
(HM) ESTRADIOL/*analogs
(NO) estrogen-receptorisomer

alpha-bromo-beta-(5-imidazolyl)propionic acid
(RN) 35319-96-1
(SY) 2-bromo-3-(5-imidazolyl)propionate
(HM) *IMIDAZOLES
(II) INDICATORS AND REAGENTS
(II) AFFINITY LABELS
(NO) structure

16 alpha-bromo-11 beta-methoxy-17 beta-estradiol
(RN) 82123-98-6
(SY) 16 alpha-bromo-11 beta-methoxyestradiol-17 beta
(SY) 16-bromomethoxyestradiol
(HM) ESTRADIOL/*analogs
(NO) 77Br-isomer serves a a gamma-emitting imaging agent

16 alpha-bromo-11 beta-methoxyestradiol-17 beta see 16 alpha-bromo-11 beta-methoxy-17 beta-estradiol

17 alpha-bromoethynylestradiol see 17-bromoethinylestradiol

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3-(alpha-bromomethyl)-3'-(alpha-(trimethylammonium) methyl)azobenzene see QBr

alpha-bromopalmitate see 2-bromopalmitate

alpha-bungarotoxin binding sites see alpha-bungarotoxin receptor

alpha-bungarotoxin receptor

(SY) receptor, bungarotoxin-alpha
(SY) alpha-bungarotoxin binding sites
(SY) receptor, alpha-bungarotoxin
(SY) alpha-bungarotoxin receptors
(SY) bungarotoxin receptor
(HM) *RECEPTORS, CHOLINERGIC
(II) BUNGAROTOXINS

alpha-bungarotoxin receptors see alpha-bungarotoxin receptor

17 alpha-n-butylestradiol-3-cyclopentyl ether

(RN) 71733-12-5
(SY) 17-BECPE
(HM) ESTRADIOL/*analogs
(NO) structure given in first source

N-(alpha)-CAE see N-(alpha)-lauroylarginine ethyl ester

alphacalcidol see 1 alpha-hydroxycholecalciferol

N-(alpha)-carbobenzoxyarginine-4-nitroanilide

(SY) N-(alpha)-carbobenzoxy-L-arginine-para-nitroanilide
(SY) CBZ-ArgpNA
(HM) ARGININE/*analogs

N-(alpha)-carbobenzoxyarginine-p-nitrophenyl ester see N-benzyloxycarbonylarginine 4-nitrophenyl ester

N-(alpha)-carbobenzoxy-L-arginine-para-nitroanilide see N-(alpha)-carbobenzoxyarginine-4-nitroanilide

N-(alpha)-carbobenzoxy-L-lysine-p-nitroanilide see N-(alpha)-carbobenzoxylysine-4-nitroanilide

N-(alpha)-carbobenzoxylysine-p-nitroanilide see N-(alpha)-carbobenzoxylysine-4-nitroanilide

N-(alpha)-carbobenzoxylysine-4-nitroanilide

(RN) 70144-71-7
(RR) 25126-05-0 (HCl)
(SY) Cbz-LyspNA
(SY) N-(alpha)-carbobenzoxy-L-lysine-p-nitroanilide
(SY) N-(alpha)-carbobenzoxylysine-p-nitroanilide
(SY) N-(alpha)-carbobenzoyllysine-para-nitroanilide
(HM) LYSINE/*analogs
(NO) RN given refers to (S)-isomer; from Vol 91, CA Chem Form Index

N-(alpha)-carbobenzoxylysine-4-nitrophenyl ester see N-benzyloxycarbonyllysine 4-nitrophenyl ester

N-alpha-carbobenzoxy-L-phenylalanyl-L-methionine see carbobenzoxyphenylalanylmethionine

N-(alpha)-carbobenzoyllysine-para-nitroanilide see N-(alpha)-carbobenzoxylysine-4-nitroanilide

alpha-N-carbobenzyloxy-L-lysine thiobenzyl ester see thiobenzyl benzyloxycarbonyl-L-lysinate

2 alpha-carboxy-4 beta-(5-carboxy-1-methyl-1,3 beta-hexadienyl)-3-pyrrolidineacetic acid see domoic acid

3-((alpha-carboxy-4-(4-hydroxy-3-iodophenoxy)-3,5-diiodophenethyl) carbamoyl)-2,2,5,5-tetramethyl-3-pyrrolin-1-yloxy

(SY) SL-T3
(HM) *CYCLIC N-OXIDES
(II) SPIN LABELS
(II) TRIIODOTHYRONINE/analogs
(NO) structure given in first source

alpha-carotene

(RN) 432-70-2
(RR) 7488-99-5 ((6'R)-isomer)
(HM) *CAROTENE
(NO) RN given refers to (all-E)-isomer; RN for cpd without isomeric designation not in Chemline 7/84; see also related record beta-carotene

alpha-Cbz-lysine-p-nitrophenyl ester see N-benzyloxycarbonyllysine 4-nitrophenyl ester

alpha-cetyl citric acid see agaric acid

alpha-chaconine

(RN) 20562-03-2
(SY) conine
(HM) SOLANINE/*analogs
(NO) glycoside of solanidine; structure in 5th source

alpha-chlornaltrexamine see chlornaltrexamine

alpha-chloroacrylonitrile see 2-chloroacrylonitrile

7 alpha-chloro-16 alpha-methylprednisolone 17,21-dipropionate see alclometasone dipropionate

alpha-((4-chlorobenzylidenecamino)oxy)isobutyric acid see Sgd 8473

alpha-(2-chloro-4-(4,6-diamino-2,2-dimethyl-s-trizin-1(2H)-yl)phenoxy)-N,N-dimethyl-m-toluamide ethanesulfonic acid see triazinate

alpha-chloroisocaproate see 2-chloroisocaproic acid

alpha-chloronaphthalene see 1-chloronaphthalene

alpha-(4-chlorophenyl)-beta-dimethylimidazole-1- ethanol see R 18 503

N(alpha)-chlorotriazinylaminofluorescein-1-Ser-4-Nle-7-Phe-alpha-MSH see MSH, N(alpha)-chlorotriazinylaminofluorescein-1-Ser-4-Nle-7-Phe-alpha-

N(alpha)-chlorotriazinylaminofluorescein-1-seryl-4-norleucyl-7-phenylalanine-alpha-MSH see MSH, N(alpha)-chlorotriazinylaminofluorescein-1-Ser-4-Nle-7-Phe-alpha-

5alpha-cholestane-3alpha,7alpha,25-triol see cholestane-3,7,25-triol

5 alpha-cholest-7-en-3 beta-ol delta-5-dehydrogenase see lathosterol delta-5-dehydrogenase

5 alpha-cholest-8(14)-en-3 beta-ol-15-one

(SY) ACEBOO
(HM) *CHOLESTENONES
(PA) ANTICHOLESTEREMIC AGENTS

7 alpha-cholesterol see cholest-5-en-3 beta,7 alpha-diol

alpha-(1-(cinnamylmethylamino)ethyl)benzyl alcohol see cinnamedrine

alpha-cobratoxin

(RN) 69344-74-7
(SY) cobra alpha toxin
(SY) cobra toxin alpha
(SY) toxin alpha, cobra
(HM) *COBRA NEUROTOXINS
(NO) fron Naja nigricollis

N-(alpha)-cocoylarginine ethyl ester see N-(alpha)-lauroylarginine ethyl ester

N-(alpha)-cocoyl-L-arginine ethyl ester see N-(alpha)-lauroylarginine ethyl ester

N-(alpha)-cocylarginine ethyl ester see N-(alpha)-lauroylarginine ethyl ester

alpha-connectin see connectin

20 alpha-cortol-3-glucuronide see cortol-3-glucuronide

20 alpha-cortolone-3-glucuronide see cortolone-3-glucuronide

alpha-crustacyanin see crustacyanins

alpha-cyano-beta-(1-phenylindol-3-yl)acrylate see 2-cyano-3-(1-phenylindol-3-yl)acrylate

alpha-cyanocinnamate

(RN) 1011-92-3
(RR) 14378-06-4 ((E)-isomer)
(SY) monocarboxylate translocator
(SY) mitochondrial monocarboxylate translocator
(HM) *CINNAMATES
(NO) RN given refers to cpd without isomeric designation

16 alpha-cyanoestradiol 3-methyl ether

(RN) 69381-96-0
(HM) ESTRADIOL/*analogs

alpha-cyano-3-hydroxycinnamate

(RN) 54673-07-3
(SY) cyano-3-hydroxycinnamic acid
(HM) *COUMARIC ACIDS

alpha-cyano-4-hydroxycinnamate

(RN) 28166-41-8
(SY) alpha-cyano-4-hydroxycinnamic acid
(SY) 4-hydroxy-alpha-cyanocinnamate
(HM) *COUMARIC ACIDS
(NO) specific inhibitor of pyruvate transport in rat liver mitochondria & human erythrocytes; structure

alpha-cyano-4-hydroxycinnamic acid see alpha-cyano-4-hydroxycinnamate

17 alpha-cyanomethyl-17 beta-hydroxy-13 beta-methylgona-4,9-dien-3-one see STS 557

17 alpha-cyanomethyl-17 beta-hydroxyestra-4,9(10)-diene-3-one see STS 557

alpha-cyano-3-phenoxybenzyl alpha-isopropyl-4-chlorophenyl acetate see pydrin

alpha-cyano-3-phenoxybenzyl 2-(4-chlorophenyl)-3-methylbutyrate see pydrin

alpha-cyano-3-phenoxybenzyl 2-(2-chloro-4-trifluoromethylanilino)-3-methylbutanoate see fluvalinate

alpha-cyano-3-phenoxybenzyl (1R,3R)-cis-3-(2,2-dibromovinyl)-2,2-dimethylcyclopropanecarboxylate see decamethrin

alpha-cyclodextrin

(RN) 10016-20-3
(SY) cyclohexaamylose
(SY) cyclomaltohexaose
(HM) *CYCLODEXTRINS

alpha-cysteine protease inhibitors, endogenous see cysteine protease inhibitors, endogenous

N(alpha)-dansyl-L-arginine-4-ethylpiperidine amide see OM 205

16 alpha-dehydratase see 16 alpha-hydroxyprogesterone dehydratase

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alpha-dehydrobiotin
(RN) 10118-85-1
(HM) BIOTIN/*analogs

7 alpha-dehydroxylase see bile acid 7 alpha-dehydroxylase

9alpha-deoxy-9alpha-methylene-PGI2 see carboprostacyclin

alpha-2'-deoxythioguanosine
(RN) 2133-81-5
(SY) NSC-71851
(HM) *THIONUCLEOSIDES
(HM) DEOXYGUANOSINE/*analogs
(NO) structure

alphaderm
(RN) 65272-39-1
(SY) hydrodexan
(HM) *HYDROCORTISONE, TOPICAL
(HM) *UREA
(HM) DRUG COMBINATIONS
(NO) 1% hydrocortisone in urea base which improves skin absorption

N-(alpha)-desacetylthymosin alpha(1) see desacetylthymosine alpha(1)

alpha-1,3-dextran
(SY) dextran-alpha (1-3)
(HM) *DEXTRANS

alpha-1,6-dextran
(SY) alpha(1-6)dextran
(SY) dextran, alpha (1-6)-
(HM) *DEXTRANS

alpha(1-6)dextran see alpha-1,6-dextran

5 alpha-DHF see 5-dihydrocortisol

11 alpha-diazoacetate progesterone
(RN) 86271-88-7
(SY) 11-ADAP
(HM) *DIAZONIUM COMPOUNDS
(HM) PROGESTERONE/*analogs
(II) AFFINITY LABELS
(NO) structure given in first source

alpha-(dibutylaminomethyl)-6,8-dichloro-2-(3',4'-dichlorophenyl)-4-quinolinemethanol see WR 30090

alpha-dicarbonyl reductase see L-glycol dehydrogenase

alpha-m-dichloro-p-cyclohexylphenylacetic acid diethylammonium salt see fenclorac

2-(alpha-(2,6-dichlorophenoxy)ethyl) delta-2- imidazoline see lofexidine

(4-(alpha-(p-(diethylamino)phenyl)-2,4-disulfobenzylidene)-2,5-cyclohexadien-1-ylidene) diethylammonium hydroxide inner salt sodium salt see patent blue violet

4-(alpha-(p-(diethylamino)phenyl)-2,5-disulfobenzylidene)-2,5-cyclohexadien-1-ylidene) diethylammonium hydroxide inner salt, sodium salt see iso-sulfan blue

alpha-(difluoromethyl)arginine
(RN) 69955-43-7
(SY) 2-(difluoromethyl)arginine
(HM) ARGININE/*analogs
(NO) irreversible inhibitor of arginine decarboxylase

alpha-difluoromethyllysine see 2-(difluoromethyl)lysine

alpha-difluoromethyl ornithine see alpha-difluoromethylornithine

alpha-difluoromethylornithine
(RN) 70052-12-9
(RR) 70050-56-5 (mono-HCl)
(RR) 71045-64-2 (di-HCl)
(RR) 69955-42-6 (mono-HCl(-)-isomer)
(RR) 70050-55-4 (mono-HCl(+)-isomer)
(RR) 67037-37-0 ((DL)-stereoisomer mixture)
(RR) 68278-23-9 (mono-HCl(DL)-isomer)
(SY) DL-alpha-difluoromethylornithine
(SY) RMI 71782
(SY) difluoromethylornithine
(SY) RMI 71,782 A
(SY) alpha-difluoromethyl ornithine
(SY) DFMO
(HM) ORNITHINE/*analogs
(PA) ORNITHINE DECARBOXYLASE/antag
(PA) ANTINEOPLASTIC AGENTS
(PA) TRYPANOCIDAL AGENTS
(II) CONTRACEPTIVES, POSTCOITAL, SYNTHETIC
(NO) RN given is for the unspecified-stereoisomer

DL-alpha-difluoromethylornithine see alpha-difluoromethylornithine

alpha-difluoromethylputrescine
(RN) 86120-58-3
(SY) ADFMP
(HM) PUTRESCINE/*analogs
(PA) ORNITHINE DECARBOXYLASE/antag

5 alpha-dihydroaldosterone see 5-dihydroaldosterone

5 alpha-dihydrocorticosterone
(RN) 298-25-9
(RR) 36886-92-7 (sulfate)
(HM) CORTICOSTERONE/*analogs
(NO) RN given refers to (5alpha,11beta)-isomer

20 alpha-dihydrocortisol see 20-hydroxycortisol

5 alpha-dihydrocortisol see 5-dihydrocortisol

5 alpha-dihydro-11-deoxycorticosterone
(RN) 298-36-2
(RR) 34917-30-1 (cpd with unspecified stereochemistry)
(RR) 303-01-5((5beta)-isomer)
(RR) 298-36-2 ((Na salt(5beta))-isomer)
(SY) P-234
(SY) 21-hydroxy-5 alpha-pregnane-3,20-dione
(HM) DESOXYCORTICOSTERONE/*analogs
(II) MINERALOCORTICOIDS, SYNTHETIC
(NO) RN given refers to (5alpha)-isomer

alpha-dihydroequilin see dihydroequilin

17 alpha-dihydroequilin see dihydroequilin

alpha-dihydrograyanotoxin II see dihydrograyanotoxin II

alpha-dihydropicrotoxinin see dihydropicrotoxinin

20 alpha-dihydropregnenolone see 5-pregnene-3,20-diol

5 alpha-dihydroprogesterone see 3,20-allopregnanedione

5 alpha-dihydrotestosterone 17-bromoacetate
(RN) 66656-21-1
(SY) 17 beta-((bromoacetyl)oxy)-5 alpha-androstan-3-one
(SY) dihydrotestosterone 17-bromoacetate
(SY) DHTBA
(HM) STANOLONE/*analogs
(II) AFFINITY LABELS

5 alpha-dihydrotestosterone receptor see stanolone receptor

3 alpha,21-dihydroxy-5 beta-pregnan-20-one see 3 alpha,5 beta-tetrahydrodeoxycorticosterone

1 alpha,25-dihydroxycholecalciferol-24-hydroxylase
(RN) EC 1.14.99.-
(SY) 1 alpha,25-dihydroxyvitamin D(3)-24-hydroxylase
(SY) 1,25-DC-24-hydroxylase
(SY) calcitriol 24-hydroxylase
(HM) *STEROID HYDROXYLASES

1 alpha,24-dihydroxycholecalciferol see 1 alpha,24-dihydroxyvitamin D3

20 alpha,22R-dihydroxycholesterol see 20,22-dihydroxycholesterol

16 alpha,18-dihydroxydeoxycorticosterone
(RN) 42280-41-1
(SY) 16,18-dihydroxydesoxycorticosterone
(SY) 16,18-DH-DOCA
(HM) 18-HYDROXYDESOXYCORTICOSTERONE/*analogs

2,16 alpha-dihydroxyestrone 3-methyl ether
(RN) 42241-06-5
(HM) *HYDROXYESTRONES
(NO) structure

alpha-(3,4-dihydroxyphenyl)-4-(2-methoxyphenyl)- 1-piperazinethanol see pipratecol

1 alpha,25-dihydroxy-previtamin D(3)
(RN) 57102-09-7
(RR) 74512-96-2 ((1alpha,3alpha,6Z)-isomer)
(SY) 1,25-dihydroxytachysterol
(HM) *CALCITRIOL
(II) ISOMERISM
(NO) RN given refers to (1alpha,3beta,6Z)-isomer; RN for cpd without isomeric designation not in Chemlin

1 alpha,25-dihydroxyvitamin D(3)-24-hydroxylase see 1 alpha,25-dihydroxycholecalciferol-24-hydroxylase

1 alpha,25-dihydroxyvitamin D3-26,23-lactone
(RN) 81203-50-1
(SY) calcitriol-26,23-lactone
(SY) 1,25-dihydroxycholecalciferol-26-23-lactone
(SY) 1,25-dihydroxyvitamin D3-26,23-lactone
(HM) CALCITRIOL/*analogs

1 alpha,24-dihydroxyvitamin D3 receptors see 1,24-dihydroxycholecalciferol receptor

1 alpha,24-dihydroxyvitamin D3 receptor see 1,24-dihydroxycholecalciferol receptor

1 alpha,25-dihydroxyvitamin D3 receptor see 1,25-dihydroxycholecalciferol receptor

1 alpha,24-dihydroxyvitamin D3
(RN) 60965-80-2
(RR) 57333-96-7 ((1alpha,3beta,5Z,7E,24R)-isomer)
(RR) 57333-95-6 ((1alpha,3beta,5Z,7E,24S)-isomer)
(SY) 1 alpha,24-dihydroxycholecalciferol
(SY) 1,24-dihydroxycholecalciferol
(SY) 1,24-dihydroxyvitamin D3
(HM) *DIHYDROXYCHOLECALCIFEROLS
(NO) RN given refers to (1alpha,3beta,5Z,7E)-isomer; RN for cpd without isomeric designation not in Chemline 8/2/83

7-(alpha-(N,N'-diisopropyl amidinothio)acetylamido) cephalosporanic acid inner salt see cefathiamidine

N(alpha)-(6,7-dimethoxynaphthalene-2-sulfonyl)-L-Arg-N-(2-methoxyethyl)-Gly see No. 407

4 alpha,24-dimethyl-5 alpha-cholestan-3 beta-ol see 4,24-dimethyl-5-cholestan-3-ol

4,17 alpha-dimethyl-4,17 alpha-diaza-D-homo-5 alpha-androstane dimethiodide see HS-342

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11 alpha-N,N-dimethylamino-2 beta-ethoxy-3 alpha-hydroxy-5 alpha-pregnan-20-one see minaxolone

1-cis-2-(alpha-dimethylamino-m-hydroxybenzyl) cyclohexanol.HCl see ciramadol

alpha-(dimethylaminomethyl)-2-(3-ethyl-5-methyl-4-isoxazolyl)-1H-indole-3-methanol see SaRI 59-801

5,9 alpha-dimethyl-2-(2-(4-fluorophenyl)ethyl)-2'-hydroxybenzomorphan see fluorophen

alpha-5,9-dimethyl-2-(3-furylmethyl)-2'-hydroxy-6,7-benzomorphan see Mr 1452

5,9 alpha-dimethyl-2'-hydroxy-6,7-benzomorphan see normetazocine

4, alpha-dimethylmetatyramine see H 77-77

cis-alpha-(3-(2,6-dimethyl-1-piperidinyl)propyl)-alpha-phenyl-2-pyridinemethanol monohydrochloride see pirmenol

alpha-(2,6-dimethyl-8-(2,6,6-trimethyl-1-cyclohexen-1-yl)-1,3,5,7-octatetraenyl)-N-methylnitrone see retinylidene methylnitrone

4, alpha-dimethyl-3-tyramine see H 77-77

alpha-(1,4-dioxido-3-methylquinoxalin-2-yl)-N-methylnitrone

(RN) 32160-34-2
(SY) DMNM
(HM) *QUINOXALINES
(PA) ANTI-INFECTIVE AGENTS

alpha-diphenyl alpha-n-propoxyacetic acid-4(1-methylpiperidyl)ester see mictonorm

alpha-diphenyldicarboxylate see 7,7'-dimethoxy-(4,4'-bi-1,3-benzodioxole)-5,5'-dicarboxylic acid dimethyl ester

alpha-(3,5-di-tert-butyl-4-hydroxybenzylidene)gamma-butyrolactone see KME-4

alpha DNA polymerase stimulating factor see DNA polymerase alpha stimulating factor

alphadolone

(RN) 14107-37-0
(RR) 23930-37-2 (alphadolone acetate)
(RR) 566-03-0 ((3alpha,5beta)-isomer)
(RR) 566-02-9 ((3beta,5alpha)-isomer)
(SY) alfadolone
(HM) *PREGNANEDIONES
(PA) ANESTHETICS
(NO) see also record for acetate; RN given refers to (3alpha,5alpha)-isomer

alphadolone acetate

(RN) 23930-37-2
(RR) 14107-37-0 (parent cpd (alphadolone))
(HM) *PREGNANEDIONES
(PA) ANESTHETICS
(NO) constituent of alphadione; see also record for parent cpd; structure

alpha-doradexanthin

(HM) *CAROTENOIDS
(NO) found in insects; no other information available 4/83

alpha-elastin methyl ester

(HM) ELASTIN/*analogs
(NO) tropoelastin model; forms complexes with glycoproteins & proteoglycans

alpha-EMGBL see 2-ethyl-2-methyl-4-butyrolactone

alpha-endorphin

(RN) 61512-76-3
(RR) 59004-96-5 (alpha-endorphin (sheep))
(SY) alpha(h)-endorphin
(SY) beta-LPH(61-76)
(HM) *ENDORPHINS

alpha(h)-endorphin see alpha-endorphin

alpha-Endorphin (sheep) , **1-de-L-tyrosine-** see des-tyrosine-alpha-endorphin

4alpha,5-epoxy-17beta-hydroxy-3-oxoandrostane-2-carbonitrile see trilostane

N-alpha,epsilon-acetylglucagon

(RN) 75240-88-9
(SY) N-epsilon acetylglucagon
(HM) GLUCAGON/*analogs

meso-alpha,epsilon-diaminopimelate decarboxylase see diaminopimelic acid decarboxylase

alpha, epsilon-diaminopimelate dehydrogenase

(RN) EC 1.4.1.-
(SY) meso-alpha, epsilon-diaminopimelate D-dehydrogenase
(SY) MAEDAP dehydrogenase
(HM) *AMINO ACID OXIDOREDUCTASES

meso-alpha, epsilon-diaminopimelate D-dehydrogenase see alpha, epsilon-diaminopimelate dehydrogenase

alpha-ergosine see ergosine

17 alpha-estradiol-3-glucuronide

(RN) 17263-23-9
(RR) 14982-12-8 (mono-Na salt)
(HM) ESTRADIOL/*analogs
(II) ESTROGENIC SUBSTANCES, CONJUGATED
(NO) RN given refers to parent cpd

8 alpha-estrone-17 beta-hydroxylamine see estrone-17-hydroxylamine

8 alpha-estrone-17-nitrone see estrone-17-nitrone

17 alpha-ethinylestriol 3-cyclopentyl ether

(RN) 39791-20-3
(SY) Lilly 49825
(SY) 17 alpha-ethynylestriol 3-cyclopentyl ether
(SY) LY 49825
(SY) EE3CPE
(HM) *QUINESTROL/analogs
(II) ESTROGENS, SYNTHETIC
(NO) structure

17-alpha-ethinyl-13-ethyl-17 beta-hydroxy-4,15-gonadien-3-one see Gestodene

24 alpha-ethyl-5 alpha-cholestan-3 beta-ol see stigmastanol

alpha-ethyl-alpha-methyl-gamma-butyrolactone see 2-ethyl-2-methyl-4-butyrolactone

3-(alpha-ethylbenzyl)-5-(2-diethylaminoethyl)- 1,2,4-oxadiazole see proxazole

24 alpha-ethyl-5 beta-cholestan-3 alpha-ol see stigmastanol

alpha-ethyl-3-hydroxy-4-methylphenethylamine.HCl see H 75-12

16 alpha-ethyl-21-hydroxy-19-nor-4-pregnene-3,20-dione see ORG 2058

alpha-ethyl-3-hydroxy-2,4,6-triiodohydrocinnamic acid see iophenoxic acid

alpha-ethyl-4-methylmetatyramine see H 75-12

16 alpha-ethyl-19-nor-4-pregnene-3,20-dione-21-al

(SY) 21-dehydro-ORG 2058
(SY) 21-dehydro-ORG-2058
(HM) *PREGNENEDIONES
(II) AFFINITY LABELS
(NO) structure given in first source

alpha-ethyl-2-oxo-1-pyrrolidineacetamide see etiracetam

alpha-(4-ethyl)phenyl-alpha'-bromo trans-stilbene see broparoestrol

alpha-ethyltryptamine see 2-ethyltryptamine

17 alpha-ethynylestriol 3-cyclopentyl ether see 17 alpha-ethinylestriol 3-cyclopentyl ether

alpha-factor (fungal) see mating factor

alpha-factor (Saccharomyces cerevisiae) see mating factor

alpha 2 H-ferroglobulin see alpha 2H globulin

alpha2-ferroprotein see alpha 2H globulin

alpha(2)-ferroprotein see alpha 2H globulin

anti-alpha-fetoprotein antibody-daunomycin conjugate

(SY) daunomycin-anti-alpha-fetoprotein antibody conjugate
(SY) AFADC
(SY) daunorubicin-anti-alpha-fetoprotein antibody conjugate
(HM) *DAUNORUBICIN
(HM) *ANTIBODIES
(II) ALPHA FETOPROTEINS
(NO) potential antitumor agent with improved tumor specificity

alpha-fetoprotein receptor

(SY) alpha-fetoprotein receptors
(SY) receptor, alpha-fetoprotein
(SY) AFP receptor
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) ALPHA FETOPROTEINS

alpha-fetoprotein receptors see alpha-fetoprotein receptor

alpha-fetospecific glycoprotein see alpha-glycoprotein, fetospecific

N-alpha-fluorenylmethyloxycarbonylamino acids

(SY) FMOC-amino acids
(SY) N alpha-9-fluorenylmethyloxycarbonylamino acids
(HM) *AMINO ACIDS

N alpha-9-fluorenylmethyloxycarbonylamino acids see N-alpha-fluorenylmethyloxycarbonylamino acids

alpha-fluoro-beta-alanine

(RN) 3821-81-6
(SY) FBAL
(HM) 3-AMINOPROPIONIC ACID/*analogs
(NO) metabolite of HCFU & 5-fluorouracil; structure in first source

alpha-fluoro-beta-ureidopropionic acid

(RN) 5006-64-4
(SY) 2-fluoro-3-ureidopropionic acid
(SY) FUPA
(HM) UREA/*analogs
(NO) fluorouracil metabolite; structure given in first source

1 alpha-fluorocalcifediol see 1-fluoro-25-hydroxyvitamin D3

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9 alpha-fluorocorticosterone
(HM) CORTICOSTERONE/*analogs
(NO) hypertensinogenic agent

9 alpha-fluorocortisol acetate see fludrocortisone 21-acetate

9alpha-fluorocortisone see 9-fluorocortisone

9 alpha-fluorodeoxycorticosterone see 9-fluorodeoxycorticosterone

6 alpha-fluorodihydroxy-16 alpha,17 alpha-isopropylidenedioxy-1,4-pregnadiene-3,20- dione see flunisolide

alpha-N-fluorodinitrophenyl-beta-N-phosphopyridoxyldiaminopropionate
(RN) 72156-20-8
(SY) FPD-PDAP
(HM) *DINITROFLUOROBENZENE/analogs
(II) AFFINITY LABELS
(NO) structure given in first source

16 alpha-fluoroestradiol see 16-fluoroestradiol

1 alpha-fluoro-25-hydroxycholecalciferol see 1-fluoro-25-hydroxyvitamin D3

alpha-(fluoromethyl)dehydroornithine
(RN) 82006-84-6
(RR) 82006-71-1 (HCl(E)-isomer)
(SY) alpha-FMDO
(HM) ORNITHINE/*analogs
(PA) ORNITHINE DECARBOXYLASE/antag
(NO) structure & RN given in first source & refer to (E)-isomer; RN not in Chemline 12/5/83

alpha-(fluoromethyl)dehydroputrescine
(RN) 82006-58-4
(RR) 82006-56-2 (di-HCl(E)-isomer)
(SY) alpha-FMDP
(SY) MDL 72197
(SY) MDL-72197
(HM) PUTRESCINE/*analogs
(PA) ORNITHINE DECARBOXYLASE/antag
(NO) structure & RN given in first source & refers to (E)-isomer; RN not in Chemline 12/5/83

alpha-fluoromethyldopa see alpha-monofluoromethyldopa

alpha-fluoromethylhistidine
(RN) 70050-43-0
(RR) 69672-38-4 ((DL)-isomer)
(SY) alpha-monofluoromethylhistidine
(SY) MDL 72209
(HM) *METHYLHISTIDINES
(PA) HISTIDINE DECARBOXYLASE/antag
(NO) RN given refers to cpd without isomeric designation

alpha-(fluoromethyl)-3-hydroxy-L-tyrosine see alpha-monofluoromethyldopa

alpha-fluoromethylornithine see 2-fluoromethylornithine

alpha-fluoromethyl-para-tyrosine see alpha-monofluoromethyl-4-tyrosine

alpha-fluoromethyl-para-tyrosine methyl ester see alpha-monofluoromethyl-4-tyrosine methyl ester

alpha-fluoromethylphenylethylamine see 2-amino-3-fluoro-1-phenylpropane

DL-alpha-fluoropalmitic acid see 2-fluorohexadecanoic acid

9 alpha-fluoroprednisolone 21-acetate see biorinil

9 alpha-fluoroprednisolone see 9-fluoroprednisolone

7(alpha-fluoro-2-thienylacetamido)cephalosporanic acid see L 14655

alpha-FMDO see alpha-(fluoromethyl)dehydroornithine

alpha-FMDP see alpha-(fluoromethyl)dehydroputrescine

alpha-fodrin see fodrin

N(alpha)-formyltetragastrin
(HM) TETRAGASTRIN/*analogs

N-alpha-formyltyrosyl-relaxin
(SY) formyl-Tyr-relaxin
(HM) RELAXIN/*analogs
(NO) modifies relaxin for iodination to provide a reliable tracer for relaxin radioimmunoassay

alpha(1-2)fucosyltransferase
(RN) EC 2.4.1.-
(SY) blood group H fucosyltransferase
(HM) *FUCOSYLTRANSFERASES
(NO) synthesize blood group H

alpha-2'-L-fucosyltransferase see GDP L-fucose-beta-D-galactosyl alpha-2-L- fucosyltransferase

alpha-3-fucosyltransferase see beta-N-acetylglucosaminide alpha 1-3- fucosyltransferase

6-(D-alpha(3-(2-furoyl)ureido)phenylacetamido) penicillinic acid potassium salt; see furbenicillin

O-alpha-galactopyranosyl(1-4)-O-beta-galactopyranosyl(1-4)-2-acetamido-2-deoxy-alpha-glucopyranose
(SY) alpha-Gal(1-4)-beta-Gal(1-4)-GlcNAc
(SY) AGBGGLNAC
(HM) *TRISACCHARIDES
(II) ANTIGENIC DETERMINANTS
(NO) human blood group P1 antigenic determinant; structure given in first source

alpha-galactosidase B see alpha-N-acetyl-D-galactosaminidase

alpha-galactosylglycerol see isofloridoside

alpha-Gal(1-4)-beta-Gal(1-4)-GlcNAc see O-alpha-galactopyranosyl(1-4)-O-beta-galactopyranosyl (1-4)-2-acetamido-2-deoxy-alpha-glucopyranose

alpha,gamma spectrin see fodrin

alpha-GHI see acarbose

16alpha-gitoxin see gitoxin

O-alpha-D-Glc-(1-3)-O-alpha-D-Glc-(1-4)-O-alpha-D-Glc- (1-2)-beta-D-Fru see nigerosylsucrose

O-alpha-D-Glc-(1-4)-O-alpha-D-Glc-(1-2)-beta-D-Fru see maltosylfructoside

O-alpha-D-Glc-(1-3)-O-alpha-D-Glc-(1-4)-D-Glc see nigerosylglucose

alpha 2H globulin
(RN) 9006-79-5
(SY) alpha-2-HF
(SY) alpha 2 H-ferroglobulin
(SY) alpha(2)-ferroprotein
(SY) alpha2-ferroprotein
(HM) *ALPHA GLOBULINS
(HM) *METALLOPROTEINS
(NO) macroglycoferroprotein of hepatic origin; serum level increases a few weeks or months before neoplasm local recurrence of metastases; similar to ferretin; MW 600,000; polymerizes to form dimer & trimers etc.

alpha 2u globulin
(SY) alpha2u globulin
(HM) *ALPHA GLOBULINS
(NO) androgen-dependent rat urinary protein; synthesized by hepatic tissue; released into plasma & filtered through kidneys into urine

alpha2u globulin see alpha 2u globulin

alpha2-Z-globulin see alpha2HS glycoprotein

alpha-Glu-Asp see alpha-glutamylaspartic acid

1,3-alpha-glucanase see exo-1,3-alpha-glucanase

alpha-1,6-glucan: D-fructose 2-glucosyltransferase see dextransucrase

alpha-1-3-glucan, 3-glucanohydrolase see exo-1,3-alpha-glucanase

1,6-alpha-D-glucan glucohydrolase see exo-1,6-alpha-glucosidase

alpha-(1-3)glucan hydrolase see exo-1,3-alpha-glucanase

4 alpha-glucanotransferase
(RN) EC 2.4.1.25
(RR) 9032-09-1 (CRN)
(SY) amylomaltase
(SY) disproportionating enzyme
(SY) D-enzyme
(SY) dextrin glycosyl-transferase
(HM) *GLUCOSYLTRANSFERASES
(NO) D-enzyme from plants claimed to be different from amylomaltase, but given same EC number

1,3-alpha-D-glucan synthase
(RN) EC 2.4.1.-
(SY) sucrose-1,3-alpha-D-glucan 3-alpha-D-glucosyltransferase
(HM) *GLUCOSYLTRANSFERASES
(NO) extracellular; from Strep mutans serotype a

alpha-1,3-glucan
(SY) 1,3-alpha-D-glucan
(HM) *GLUCANS

1,3-alpha-D-glucan see alpha-1,3-glucan

alpha-1,4-glucan
(RN) 9051-96-1
(SY) glucan-alpha-D (1-4)
(HM) *GLUCANS

alpha-glucoheptonic acid
(RN) 87-74-1
(SY) glucoheptonate
(SY) gluceptate
(SY) calcium gluceptate
(SY) calcium glucoheptonate
(HM) *SUGAR ACIDS
(II) CALCIUM

(1-6)-alpha-glucomannan
(RN) 76081-94-2
(RR) 11078-31-2 (glucomannan)
(SY) (1-6)-alpha-D-gluco-D-mannan
(HM) *MANNANS
(NO) RN given refers to (D)-isomer

(1-6)-alpha-D-gluco-D-mannan see (1-6)-alpha-glucomannan

alpha-D-Glucopyranoside, beta-D-arabinofuranosyl, mono(4-diazenyl-3,5-di(iodo-125I)benzoate) see O-(4-diazo-3,5-diiodobenzoyl)sucrose

O alpha-D-glucopyranosyl-(1,3)-O beta-D-fructofuranosyl-(2,1) alpha-D-glucopyranoside see melezitose

alpha-D-glucopyranosyl fluoride see glucosyl fluoride

6-O alpha-D-glucopyranosyl-D-fructose see isomaltulose

alpha-glucose-1-phosphate see glucose-1-phosphate

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alpha-1,4-glucosidase-albumin polymer
(RN) EC 3.2.1.-
(SY) A-1,4-GAP
(HM) *ALPHA-GLUCOSIDASES
(HM) *SERUM ALBUMIN
(NO) used for enzyme replacement therapy of glycogenosis 2; alpha-D-glucosidase is EC 3.2.1.20

alpha-1,2-glucosidase see glucosidase I

alpha-1,4-glucosidase
(RN) EC 3.2.1.-
(SY) alpha-limit dextrinase
(HM) *ALPHA GLUCOSIDASES

1,2 alpha-glucosylgalactosyl-O-hydroxylysine see glucosylgalactosylhydroxylysine

D-alpha-Glutamine, N2-(N-(2-(acetylamino)-4-O-(2-(acetylamino)-2-deoxy-beta-D-glucopyranosyl)-2-deoxymuramoyl)-L-alanyl)- see N-acetyl-beta-glucosaminyl-N-acetylmuramyl-alanylisoglutamine

alpha-glutamylaspartic acid
(RN) 3918-84-1
(SY) alpha-Glu-Asp
(HM) *DIPEPTIDES
(NO) RN given refers to (L-Asp-L-alpha-Glu)-isomer; RN for cpd without isomeric designation not in Chemline 8/2/83

alpha-glutamyl-beta-naphthylamide hydrolase
(RN) EC 3.4.11.-
(SY) cobalt-activated acylase
(HM) *AMINO ACID NAPHTHYLAMIDASES
(II) COBALT

10-alpha-S-glutathionylmorphine
(SY) morphine-GSH
(HM) GLUTATHIONE/*analogs
(HM) *MORPHINE DERIVATIVES
(NO) structure given in first source

L-alpha-glycerol-phosphate oxidase
(RN) EC 1.1.3.-
(SY) glycerolphosphate oxidase
(HM) *GLYCEROLPHOSPHATE DEHYDROGENASE
(NO) uses molecular oxygen; forms hydrogen peroxide & dehydroxyacetonephosphate

alpha-glycerophosphate see alpha-glycerophosphoric acid

alpha-glycerophosphoric acid
(RN) 57-03-4
(RR) 1509-81-5 ((DL)-isomer)
(RR) 5746-57-6 ((S)-isomer)
(RR) 17603-42-8 (Na salt)
(RR) 17989-41-2 ((P)-isomer)
(RR) 3325-00-6 ((di-Na salt(+-))-isomer)
(RR) 28917-82-0 (Ca salt)
(RR) 126-95-4 (mono-Ca salt)
(RR) 54392-87-9 ((mono-Ca salt(S))-isomer)
(RR) 1555-56-2 (di-Na salt)
(RR) 34363-28-5 ((di-Na salt hexahydrate(+-))-isomer)
(RR) 15770-30-6 (Fe salt)
(RR) 38455-91-3 (Fe(+3)[3:2] salt)
(RR) 927-20-8 (mono-Mg salt)
(RR) 40952-01-0 (1,2,3-propanetriol-1-(18)O,3-(dihydrogen phosphate)-labeled cpd)
(RR) 40952-00-9 (1,2,3-propanetriol-2-(18)O, 1-(dihydrogen phosphate)-labeled cpd)
(SY) glycerol 1-phosphate
(SY) alpha-glycerophosphate
(SY) glycerol 3-phosphate
(HM) *GLYCEROPHOSPHATES
(NO) RN given refers to cpd without stereoisomeric designation

alpha-glycoprotein, fetospecific
(SY) alpha-fetospecific glycoprotein
(SY) AF glycoprotein
(SY) glycosylated AFP
(HM) *ALPHA FETOPROTEINS
(II) GLYCOPROTEINS
(NO) major serum component in later fetal & newborn pigs

3.1S-alpha(2)-glycoprotein
(SY) 3.1S-alpha(2)-GP
(SY) glycoprotein, 3.1S-alpha(2)
(HM) *GLYCOPROTEINS
(NO) leucine-rich glycoprotein; MW 49600 +- 4000

N-(alpha)-glycyl-glycyl-glycyl-8-lysine vasopressin see glypressin

N-alpha-Gly-Gly-Gly-8-Lys-9-des-GlyNH2-vasopressin see vasopressin, N-alpha-Gly-Gly-Gly-8-Lys-9-des-GlyNH2-

3.1S-alpha(2)-GP see 3.1S-alpha(2)-glycoprotein

alpha-guanidinoglutaric acid
(RN) 74318-14-2
(HM) *GLUTARATES
(NO) identified in the convulsive period of cobalt-induced seizures from cat cerebral cortex; RN given for cpd with unspecified guanidino-locant

6-(D-alpha-(3-guanylureido)phenylacetamido) penicillanic acid see BL-P1654

1 alphaH,3 alphaH,5 alphaH-tropen-3-yl-3,5-dichlorobenzoate see MDL 72222

alpha-HCG see HCG-alpha

alpha-HCH see alpha-hexachlorocyclohexane

alphaHC1 see differentiation antigens, B-lymphocyte

alphaHC2 see differentiation antigens, B-lymphocyte

11 alpha-hemisuccinyl-progesterone see progesterone 11-hemisuccinate

alpha hemolysin, E coli
(SY) Escherichia coli alpha-haemolysin
(HM) *BACTERIAL PROTEINS
(PA) HEMOLYSINS
(II) BACTERIAL TOXINS
(NO) cytotxic for mouse fibroblast cells

alpha-hemolysin, Staph aureus
(SY) Staphylococcal alpha haemolysin
(HM) *HEMOLYSINS
(II) STAPHYLOCOCCUS AUREUS

alpha-hexachlorocyclohexane
(RN) 319-84-6
(RR) 60291-32-9 ((1alpha,2alpha,3beta,4alpha,5beta,6beta)-(+-)-isomer)
(RR) 27154-44-5 (cpd with unspecified chloride locants)
(RR) 608-73-1 (cpd with unspecified stereochemistry)
(SY) alpha-HCH
(HM) *BENZENE HEXACHLORIDE
(PA) CARCINOGENS
(II) ISOMERISM

alpha-hexadecylglyceryl ether see chimyl alcohol

alpha-2-HF see alpha 2H globulin

8(R)9(s)11(R)12(S)-9 alpha-homo-9,11-epoxy-5(Z),13(E)-15S-hydroxyprostadienoic acid see SQ 26,536

alpha2HS glycoprotein
(SY) alpha(2) HS glycoprotein
(SY) alpha2-Z-globulin
(SY) barium-alpha2HS-glycoprotein
(HM) *BLOOD PROTEINS
(NO) serum component which stimulates macrophage phagocytic function; reduced levels found in malignant & inflammatory diseases; may result in decreased phagocytic function

alpha(2) HS glycoprotein see alpha2HS glycoprotein

alpha-humulene see humulene

alpha-hydrazino-delta-aminovaleric acid see alpha-hydrazinoornithine

alpha-hydrazinohistidine
(RN) 33334-54-2
(RR) 31823-39-9 (mono-HCl)
(HM) HISTIDINE/*analogs
(PA) HISTAMINE ANTAGONISTS
(NO) RN given refers to unspecified HCl; RN for parent cpd not in Chemline 7/85

alpha-hydrazinoornithine
(RN) 50865-98-0
(RR) 52085-74-2 ((+-)-isomer)
(SY) alpha-hydrazino-delta-aminovaleric acid
(SY) alpha-hydrazino-L-ornithine
(SY) HAVA
(HM) ORNITHINE/*analogs
(PA) ORNITHINE DECARBOXYLASE/antag
(NO) inhibitor of ornithine decarboxylase; RN given refers to parent cpd

alpha-hydrazino-L-ornithine see alpha-hydrazinoornithine

4 alpha-hydroperoxy-5-ethyl-3,8,10-trimethylisoalloxazine
(SY) FLETOOH
(HM) *FLAVINS
(HM) *PEROXIDES
(NO) structure given in first source

17alpha-hydroperoxyprogesterone see progesterone 17 alpha-hydroperoxide

alpha-hydroxyacid dehydrogenase see D-2-hydroxyacid dehydrogenase

L-alpha-hydroxy acid oxidase see L-2-hydroxyacid oxidase

3 alpha-hydroxy-5 alpha-pregna-9(11),16-diene-20-one
(SY) 3-HPDO
(HM) *PREGNADIENES
(NO) structure given in first source

3 alpha-hydroxy-5 alpha-pregnan-20-one see allopregnan-3 alpha-ol-20-one

16 alpha-hydroxyandrost-4-en-3,17-dione see 16-hydroxyandrost-4-en-3,17-dione

7 alpha-hydroxy-4-androstene-3,17-dione
(RN) 62-84-0
(HM) ANDROSTENEDIONE/*analogs

3 alpha-hydroxy-5 beta-androstan-17 beta-carboxylic acid see 3-hydroxyetianic acid

3 alpha-hydroxy-5 beta-6-cholen-24-oic acid see 3-hydroxy-6-cholen-24-oic acid

17alpha-hydroxy-20beta-dihydroprogesterone see 17 alpha,20 beta-dihydroxypregn-4-en-3-one

3 alpha-hydroxy-5 beta-etianic acid see 3-hydroxyetianic acid

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20 alpha-hydroxy-5 beta-pregnan-3 alpha-yl-beta-D-glucopyranosiduronic acid see pregnanediol-3 alpha-glucuronide

alpha-hydroxybutynoate see 2-hydroxy-3-butynoic acid

alpha-hydroxybutyrate see 2-hydroxybutyric acid

alpha-hydroxybutyrate dehydrogenase see 2-hydroxybutyrate dehydrogenase

L-(+)-alpha-hydroxycarbonyl-NAD(P) oxidoreductase see L-glycol dehydrogenase

1 alpha-hydroxy-23-carboxytetranorvitamin D see calcitroic acid

1 alpha-hydroxycholecalciferol

(RN) 41294-56-8
(RR) 65119-86-0 (Al salt)
(RR) 63181-13-5 ((1beta)-(5Z)-isomer)
(RR) 65445-15-0 ((1beta,3beta-(5E,7E))-isomer)
(RR) 58028-00-5 ((1alpha,3alpha-(5Z,7E))-isomer)
(SY) 1 alpha-hydroxyvitamin D3
(SY) 1alpha-OHD3
(SY) alphacalcidol
(SY) alfacalcidol
(HM) *HYDROXYCHOLECALCIFEROLS
(NO) RN given refers to (1alpha,3beta,5Z,7E)-isomer; RN for cpd without isomeric designation not in Chemline 7/29/83

7 alpha-hydroxy-4-cholesten-3-one

(RN) 3862-25-7
(SY) cholest-4-en-7 alpha-ol-3-one
(HM) *CHOLESTENONES
(NO) structure

20alpha-hydroxycholesterol see 20-hydroxycholesterol

20 alpha-hydroxycholesterol see 20-hydroxycholesterol

7 alpha-hydroxycholesterol see cholest-5-en-3 beta,7 alpha-diol

3 alpha-hydroxycompactin see 3-hydroxycompactin

1 alpha-hydroxycorticosterone

(RN) 10163-49-2
(HM) CORTICOSTERONE/*analogs
(NO) structure

7 alpha-hydroxydehydroepiandrosterone

(RN) 53-00-9
(RR) 7522-54-5 ((3beta)-isomer)
(RR) 2487-48-1 ((3beta,7beta)-isomer)
(HM) DEHYDROEPIANDROSTERONE/*analogs
(NO) RN given refers to (3beta,7alpha)-isomer; RN for cpd without isomeric designation not in Chemline 11/23/83

16 alpha-hydroxydehydroisoandrosterone see 16-hydroxydehydroepiandrosterone

1 alpha-25-hydroxy-23,23-difluorovitamine D3

(SY) 25-OH-DF-D3
(HM) CALCIFEDIOL/*analogs

7 alpha-hydroxy-5,11-diketotetranorprostane-1,16-dioic acid

(SY) HDKNP
(HM) *PROSTANOIC ACIDS
(II) PROSTAGLANDINS E/metab
(NO) urinary metabolite of PGE

11 alpha-hydroxy-9,15-dioxo-2,3,4,5,20-pentanor-19-carboxyprostanoic acid

(RN) 24769-56-0
(SY) HDOPNP
(HM) *PROSTANOIC ACIDS
(II) PROSTAGLANDINS E/metab
(NO) major urinary metabolite of PGE in man

9 alpha-hydroxy-11,15-dioxo-2,3,18,19-tetranorprost-5-ene-1,20-dioic acid

(RN) 70803-92-8
(SY) 9-HDTPD
(SY) prostaglandin D-M
(SY) PGD-M
(HM) *PROSTAGLANDINS D
(NO) urinary metabolite of PGD2

3 alpha-hydroxy-7 epsilon-methyl-5 beta-cholanoic acid see 3-hydroxy-7-methyl-5-cholanoic acid

1 alpha-hydroxyergocalciferol

(RN) 54573-75-0
(SY) 1alpha-hydroxyvitamin D2
(SY) 1alpha-OHD2
(HM) ERGOCALCIFEROL/*analogs
(NO) decrease of bone density caused by prednisolone was prevented by above cpd; decreases number of osteoclast areas in normal rats; RN given refers to (1alpha,3beta,5Z,7E,22E)-isomer; RN for cpd without isomeric designation not in Chemline 10/84

16 alpha-hydroxyestradiol 3-sulfate see estriol 3-sulfate

15 alpha-hydroxyestradiol

(RN) 570-30-9
(RR) 31002-81-0 ((17alpha)-isomer)
(HM) ESTRADIOL/*analogs
(NO) RN given refers to (17beta)-isomer

16 alpha-hydroxyestrone see 16-hydroxyestrone

alpha-hydroxyethylbenzene see methylphenyl carbinol

1 alpha-hydroxy-25-fluorovitamin D3

(RN) 64164-40-5
(HM) *HYDROXYCHOLECALCIFEROLS

alpha-hydroxy-gamma-methylmercaptobutyric acid

(RN) 583-91-5
(RR) 54641-20-2 (mono-Na salt(S)-isomer)
(RR) 23597-90-2 (mono-Na salt)
(RR) 4857-44-7 (Ca[2:1] salt)
(RR) 14676-91-6 (Ca salt)
(RR) 922-50-9 (Ca salt(+-)-isomer)
(RR) 120-91-2 ((+-)-isomer)
(SY) methionine hydroxy analog
(SY) alpha-hydroxymethionine
(SY) alpha-hydroxy-gamma-methylthiobutyrate
(SY) alimet
(HM) METHIONINE/*analogs
(NO) RN given refers to parent cpd

alpha-hydroxy-gamma-methylthiobutyrate see alpha-hydroxy-gamma-methylmercaptobutyric acid

alpha-hydroxyglutarate

(RN) 2889-31-8
(RR) 636-67-9 ((DL)-isomer)
(RR) 13095-47-1 ((D)-isomer)
(RR) 13095-48-2 ((L)-isomer)
(RR) 40951-21-1 (di-Na salt)
(SY) 2-hydroxyglutaric acid
(SY) 2-hydroxyglutarate
(HM) *GLUTARATES
(NO) RN given refers to parent acd; RN in Chemline for (DL)-isomer: 636-67-9; RN for (D)-isomer: 13095-47-1; RN for (L)-isomer: 13095-48-2; RN for di-Na salt; 40951-21-1

3 alpha-hydroxy-16-imino-17-aza-5 beta-androstan-11-one

(RN) 78774-26-2
(SY) R 5135
(SY) RU 5135
(SY) RU-5135
(HM) *AZASTEROIDS
(HM) *ANDROSTANES
(NO) powerful antagonist of GABA stimulation of diazepam binding; structure in first source

alpha-hydroxyisocaproic acid

(RN) 498-36-2
(RR) 20312-37-2 ((R)-isomer)
(RR) 13748-90-8 ((S)-isomer)
(RR) 54641-21-3 (mono-Na salt)
(RR) 57618-23-2 (Ca[2:1] salt(S)-isomer)
(SY) 2-hydroxyisocaproic acid
(HM) *HEXANOIC ACIDS
(NO) alpha-hydroxy analog of leucine; RN given refers to cpd without isomeric designation

6 alpha-hydroxy-iso-ML-236B see 6-hydroxy-isocompactin

alpha-hydroxyisovaleric acid see 2-hydroxyisovaleric acid

3 alpha-hydroxy-7-keto-5 beta-cholanoate see 7-ketolithocholic acid

3 alpha-hydroxy-7-keto-5 beta-cholanoyltaurine see 3-hydroxy-7-oxocholanoyltaurine

16alpha-hydroxylase see estradiol 16 alpha-hydroxylase

16 alpha-hydroxylase see estradiol 16 alpha-hydroxylase

7 alpha-hydroxylase see steroid 7 alpha-hydroxylase

alpha-hydroxymethionine see alpha-hydroxy-gamma-methylmercaptobutyric acid

alpha-hydroxymethyl-alpha'-(N-acetylaminomethylene)succinic acid hydrolase

(RN) EC 3.5.1.-
(SY) Compound B hydrolase
(HM) *AMIDOHYDROLASES
(NO) involved in degradation of vitamin B6; forms acetic acid plus ammonia plus carbon dioxide plus alpha-hydroxymethyl-succinic monoaldehyde

3 alpha-hydroxy-1-methylene-5 alpha-androstan-17-one

(RN) 3398-66-1
(SY) 3-HMAN
(HM) METHENOLONE/*analogs
(NO) major urinary metabolite of methenolone acetate; RN given refers to (3 alpha,5 alpha)-isomer; RN for cpd without isomeric designation not in Chemline 8/1/83

alpha-hydroxy-3-methylpentanoic acid see 2-hydroxy-3-methylvaleric acid

alpha-hydroxymetoprolol see H119-66

(R-(R*,S*)) alpha-(((3-(4-hydroxyphenyl)-1-methylpropyl)amino)methyl)benzenemethanol see LY 79771

11 alpha-hydroxy-4-pregnene-3,20-dione-11- hemisuccinate see progesterone 11-hemisuccinate

17 alpha-hydroxypregnenolone sulfate see 17-hydroxypregnenolone sulfate

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17 alpha-hydroxyprogesterone aldolase
(RN) EC 4.1.2.30
(RR) 62213-24-5 (CRN)
(SY) hydroxyprogesterone lyase
(SY) (17-hydroxyprogesterone)-17,20-lyase
(SY) C17-C20 lyase
(SY) 17 alpha-hydroxyprogesterone 17-desmolase
(SY) steroid 17,20-lyase
(SY) steroid 17,20-desmolase
(SY) 17-hydroxypregnene-C-17-C-20-lyase
(SY) C-17-C-20 lyase
(SY) 17,20-desmolase
(HM) *ALDEHYDE-LYASES

17 alpha-hydroxyprogesterone caproate
(RN) 630-56-8
(SY) hydroxyprogesterone caproate
(SY) 17 alpha-hydroxyprogesterone capronate
(SY) 17 alpha-oxyprogesterone capronate
(SY) delalutin
(SY) oxyprogesterone caproate
(SY) prolutin depot
(SY) neolutin
(SY) proluton depot
(SY) hydroxyprogesterone hexanoate
(SY) 17-hydroxyprogesterone capronate
(HM) *HYDROXYPROGESTERONES
(PA) ESTRADIOL ANTAGONISTS
(II) PROGESTATIONAL HORMONES, SYNTHETIC
(II) DELAYED-ACTION PREPARATIONS

17 alpha-hydroxyprogesterone caproate see 17 alpha-hydroxyprogesterone caproate

16 alpha-hydroxyprogesterone dehydratase
(RN) EC 4.2.1.-
(SY) 16 alpha-dehydratase
(HM) *HYDRO-LYASES
(NO) from rat intestinal anaerobic bacteria; forms 16-dehydroprogesterone

17 alpha-hydroxyprogesterone 17-desmolase see 17 alpha-hydroxyprogesterone aldolase

11alpha-hydroxyprogesterone hemisuccinate see progesterone 11-hemisuccinate

17-alpha-hydroxyprogesterone heptanoate see 17-hydroxyprogesterone heptanoate

11 alpha-hydroxyprogesterone see 11-hydroxyprogesterone

16 alpha-hydroxyprogesterone see 16-hydroxyprogesterone

17 alpha-hydroxyprogesterone see 17-hydroxyprogesterone

5 alpha-hydroxypropionylamino-2,4,6- triiodoisophthalic acid-di-(1,3-dihydroxy-2- propylamide) see iopamidol

7 alpha-hydroxyriboflavin see 7-hydroxymethylriboflavin

8 alpha-hydroxyriboflavin see 8-hydroxymethylriboflavin

12 alpha-hydroxysteroid dehydrogenase
(RN) EC 1.1.1.176
(HM) *HYDROXYSTEROID DEHYDROGENASES

20 alpha-hydroxysteroid dehydrogenase
(RN) EC 1.1.1.149
(RR) 9040-08-8 (CRN)
(SY) 17 beta, 20 alpha-hydroxysteroid dehydrogenase
(HM) *20-HYDROXYSTEROID DEHYDROGENASES

3 alpha-hydroxysteroid dehydrogenase see 5 alpha-3 alpha-hydroxysteroid dehydrogenase

3(17)alpha-hydroxysteroid dehydrogenase see 3(17)-hydroxysteroid dehydrogenase

7 alpha-hydroxysteroid dehydrogenase
(RN) EC 1.1.1.159
(SY) 7alpha-hydroxysteroid dehydrogenase
(HM) *HYDROXYSTEROID DEHYDROGENASES

7alpha-hydroxysteroid dehydrogenase see 7 alpha-hydroxysteroid dehydrogenase

3 alpha-hydroxysteroid oxidoreductase see 5 alpha-3 alpha-hydroxysteroid dehydrogenase

15 alpha-hydroxytestosterone see 15-hydroxytestosterone

16 alpha-hydroxytestosterone see 16-hydroxytestosterone

alpha-hydroxytriazolam
(RN) 37115-45-0
(SY) 1-hydroxymethyltriazolam
(HM) TRIAZOLAM/*analogs
(NO) triazolam metabolite; structure in first source

1 alpha-hydroxyvitamin D3 3 beta-D-glucopyranoside
(SY) HD3 glucopyranoside
(SY) HD3G
(HM) *HYDROXYCHOLECALCIFEROLS

1 alpha-hydroxyvitamin D3-cellobioside
(SY) HD3-cellobioside
(SY) HD3C
(HM) *HYDROXYCHOLECALCIFEROLS

1 alpha-hydroxyvitamin D3 25-hydroxylase see 1-hydroxyvitamin D3 25-hydroxylase

1alpha-hydroxyvitamin D2 see 1 alpha-hydroxyergocalciferol

1 alpha-hydroxyvitamin D3 see 1 alpha-hydroxycholecalciferol

11 alpha-hydroxyvitamin D3
(RN) 89321-96-0
(HM) *HYDROXYCHOLECALCIFEROLS
(NO) vitamin D3 agonist that is effective in increasing intestinal calcium transport at doses as low as 500pmol/rat; at corresponding & higher doses, cpd does not increase bone calcium mobilization; RN & structure given in first source; RN not in Chemline 7/84

O-(alpha-idopyranosyluronic acid)-(1-3)-2,5-anhydroalditol-4-sulfate
(SY) IdoA-anT4S
(HM) *DISACCHARIDES
(NO) iduronidase substrate; tritium-labeled cpd used in diagnosis of mucopolysaccharidosis 1; structure given in first source

5,6 alpha-imino-5 alpha-cholestan-3 alpha-ol
(SY) 5,6-ICO
(HM) *DIHYDROCHOLESTEROL/analogs

3-(alpha-iminobenzyl)-4-hydroxy-6-phenyl-1-methyl-2(1H)-pyridinone see SAN 52522

alpha 1-inhibitor see alpha1-proteinase inhibitor

alpha 1-inhibitor 3
(HM) *PROTEASE INHIBITORS

16 alpha-iodo-3,17 beta-estradiol see 16 alpha-iodoestradiol

N(alpha)-(3-iododesaminotyrosyl)-substance P (6-11) see substance P (6-11), N(alpha)-(3-iododesaminotyrosyl)-

16 alpha-iodoestradiol
(RN) 71765-94-1
(RR) 71765-93-0 ((16-(125)I-labeled cpd)
(RR) 71696-91-8 ((16beta,17beta)-isomer)
(SY) 16 alpha-iodo-3,17 beta-estradiol
(SY) 16-iodoestradiol
(HM) ESTRADIOL/*analogs
(NO) imaging agent; RN given refers to (16alpha,17beta)-isomer

17 alpha-(125I)iodovinyl-11 beta-methoxyestradiol-3- methyl ether see 17-iodovinyl-11-methoxyestradiol-3-methyl ether

17 alpha-iodovinyl-11 beta-methoxyestradiol
(RN) 90857-55-9
(SY) IVME2
(SY) 11 beta-methoxy-17 alpha-iodovinylestradiol
(HM) ESTRADIOL/*analogs
(NO) RN given refers to 125I-labeled cpd (11beta,17alpha,20E)-isomer; RN for unlabeled cpd without isomeric designation not in Chemline 10/84; structure given in first source

17 alpha-(125I)iodovinylestradiol-3-methyl ether see 17-iodovinylestradiol-3-methyl ether

17 alpha-iodovinylestradiol
(RN) 82123-96-4
(RR) 84580-39-2 ((17alpha)-isomer)
(SY) 17-IV-estradiol
(HM) ESTRADIOL/*analogs
(NO) estrogen receptor-seeking radiopharmaceutical; RN given refers to (17alpha,20E)-isomer; RN for cpd without isomeric designation not in Chemline 11/23/83

alpha-isobutylphenethyl alcohol see 4-methyl-1-phenylpentan-2-ol

alpha-isopropyl-alpha-((N-methyl-N-homoveratryl)-gamma-aminopropyl)-3,4-dimethylphenylacetic acid see carboxyverapamil

alpha-(1-(isopropylamino)ethyl)-4-methylbenzyl alcohol see H35-25

alpha-isopropylmalate isomerase see 3-isopropylmalate dehydratase

16 alpha-isothiocyanopregnenolone-3-acetate
(RN) 6084-04-4
(SY) 16-isothiocyanopregnenolone 3-acetate
(HM) PREGNENOLONE/*analogs

alpha-I(3) see alpha1-proteinase inhibitor

alpha-keto acid dehydrogenase see 2-oxoisovalerate dehydrogenase (lipoamide)

alpha-ketoadipic acid
(RN) 3184-35-8
(SY) 2-oxoadipic acid
(HM) *ADIPIC ACIDS

alpha-ketoaldehyde dehydrogenase see 2-oxoaldehyde dehydrogenase

alpha-keto-beta-methylvalerate see alpha-keto-beta-methylvaleric acid

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alpha-keto-beta-methylvaleric acid
(RN) 1460-34-0
(RR) 66872-74-0 (Na salt(+-)-isomer)
(RR) 66393-67-7 (Ca salt)
(RR) 51829-07-3 (mono-Na salt(S)-isomer)
(RR) 51828-96-7 (Ca salt(S)-isomer)
(RR) 24809-08-3 ((S)-isomer)
(RR) 3715-31-9 (Na salt)
(RR) 39748-49-7 ((+-)-isomer)
(SY) alpha-keto-beta-methylvalerate
(SY) 2-keto-3-methylvaleric acid
(SY) alpha-keto-beta-methyl-n-valeric acid
(SY) 3-methyl-2-oxopentanoate
(HM) *KETO ACIDS
(II) PENTANOIC ACIDS
(II) VALERATES
(NO) RN given refers to parent cpd

alpha-keto-beta-methyl-n-valeric acid see alpha-keto-beta-methylvaleric acid

alpha-ketobutyrate dehydrogenase
(RN) EC 1.2.1.-
(HM) *KETONE OXIDOREDUCTASES
(NO) rat liver enzyme oxidatively decarboxylates alpha-ketobutyrate to carbon dioxide and propionyl CoA; requires NAD, FAD & thiamine pyrophosphate

alpha-ketobutyric acid
(RN) 600-18-0
(RR) 2013-26-5 (Na salt)
(SY) alpha-oxobutyric acid
(SY) 2-ketobutyrate
(SY) 2-ketobutyric acid
(SY) 2-oxobutanoate
(HM) *BUTYRIC ACIDS
(NO) RN given refers to parent cpd; structure

alpha-ketocaproic acid
(RN) 2492-75-3
(RR) 13022-85-0 (Na salt)
(SY) 2-ketocaproate
(HM) *HEXANOIC ACIDS
(NO) RN given refers to parent cpd

alpha-keto-delta-guanidinovaleric acid
(RN) 3715-10-4
(SY) 2-oxo-5-guanidinovaleric acid
(HM) *GUANIDINES

alpha-keto-gamma-mercaptobutyric acid see 2-keto-4-mercaptobutyric acid

alpha-keto-gamma-methiolbutyrate see 2-keto-4-methylthiobutyric acid

alpha-ketoglutaramate
(RN) 18465-19-5
(HM) *KETOGLUTARIC ACIDS
(NO) deaminated metabolite of glutamine in csf of patients with hepstic coma; intermediate in the detoxification of ammonia in brain; structure

alpha-ketoglutarate see alpha-ketoglutaric acid

alpha-ketoglutarate dioxygenase, thymine see thymine, 2-oxoglutarate dioxygenase

alpha-ketoglutarate synthase see 2-oxoglutarate synthase

alpha-ketoglutaric acid
(RN) 328-50-7
(RR) 997-43-3 (mono-K salt)
(RR) 305-72-6 (di-Na salt)
(RR) 15303-07-8 (di-NH4 salt)
(RR) 17091-15-5 (Na salt)
(RR) 39649-91-7 (di-K salt)
(RR) 42093-41-0 (mono-Mg salt)
(RR) 22202-68-2 (mono-Na salt)
(RR) 58485-42-0 (K salt)
(SY) 2-oxoglutarate
(SY) 2-ketoglutaric acid
(SY) alpha-ketoglutarate
(SY) 2-ketoglutarate
(SY) 2-oxoglutaric acid
(SY) alpha-oxoglutarate
(HM) *KETOGLUTARIC ACIDS
(NO) RN given refers to parent cpd

alpha-ketoisocaporate oxygenase
(RN) EC 1.14.99.-
(SY) 2-ketoisocaproate oxygenase
(HM) *OXYGENASES
(NO) from rat liver cytosol; oxidatively decarboxylates and hydroxylates alpha-ketoisocaporate to form beta-hydroxyisovalerate; requires Fe(2+) & thiol; activated by ascorbate

alpha-ketoisocaproate see alpha-ketoisocaproic acid

alpha-keto-isocaproic acid see alpha-ketoisocaproic acid

alpha-ketoisocaproic acid
(RN) 816-66-0
(RR) 4502-00-5 (Na salt)
(RR) 51828-95-6 (Ca salt)
(SY) alpha-ketoisocaproate
(SY) alpha-oxoisocaproate
(SY) 2-oxo-4-methylvaleric acid
(SY) 2-oxoisocaproic acid
(SY) 2-keto-4-methylvalerate
(SY) ketoleucine
(SY) alpha-keto-isocaproic acid
(SY) 2-ketoisocaproate
(SY) 4-methyl-2-oxopentanoate
(SY) 4-methyl-2-oxovalerate
(HM) *KETO ACIDS
(II) HEXANOIC ACIDS
(II) CAPROATES
(NO) RN given refers to parent cpd

alpha-ketoisopentanoic acid see alpha-ketoisovalerate

alpha-ketoisovalerate
(RN) 759-05-7
(RR) 3715-29-5 (Na salt)
(RR) 51828-94-5 (Ca salt)
(SY) alpha-oxoisovalerate
(SY) alpha-ketoisopentanoic acid
(SY) alpha-keto-isovaleric acid
(SY) alpha-ketoisovaleric acid
(SY) 2-ketoisovalerate
(SY) 3-methyl-2-oxobutyrate
(SY) 3-methyl-2-oxobutanoate
(SY) 2-oxoisovalerate
(SY) alpha-ketovaline
(HM) *KETO ACIDS
(II) VALERATES
(II) PENTANOIC ACIDS
(NO) RN given refers to parent cpd

alpha-ketoisovalerate dehydrogenase see 2-oxoisovalerate dehydrogenase (acylating)

alpha-keto-isovaleric acid see alpha-ketoisovalerate

alpha-ketoisovaleric acid see alpha-ketoisovalerate

alpha-ketomethionine see 2-keto-4-methylthiobutyric acid

alpha-ketopantoic acid reductase see 2-oxopantoate reductase

alpha-ketovaleric acid see 2-ketopentanoic acid

alpha-ketovaline see alpha-ketoisovalerate

alpha-lactylthiamine
(RN) 82205-83-2
(HM) *OXYTHIAMINE/analogs
(NO) pyruvate-thiamine adduct; structure given in first source

N-(alpha)-LAE see N-(alpha)-lauroylarginine ethyl ester

5 alpha-lanost-8-en-3 beta-ol see lanostenol

alpha-latrotoxin
(RN) 65988-34-3
(HM) *SPIDER VENOMS
(NO) major purified protein from black widow spider venom

alpha-latrotoxin receptor
(SY) receptor, alpha-latrotoxin
(SY) alpha-latrotoxin receptors
(HM) *RECEPTORS, CHOLINERGIC
(II) SPIDER VENOMS
(NO) found in rat brain synaptosomes

alpha-latrotoxin receptors see alpha-latrotoxin receptor

N-(alpha)-lauroylarginine ethyl ester
(RN) 48076-74-0
(RR) 67358-36-5 (mono-HCl)
(SY) N-(alpha)-LAE
(SY) N-(alpha)-lauroyl-L-arginine ethyl ester
(SY) N-(alpha)-lauroyl-L-arginine ethyl ester, DL-pyroglutamic acid salt
(SY) N-(alpha)-lauroyl-L-arginine ethyl ester
(SY) N-(alpha)-cocoylarginine ethyl ester
(SY) N-(alpha)-CAE
(SY) N-(alpha)-cocoyl-L-arginine ethyl ester
(SY) N-(alpha)-cocylarginine ethyl ester
(SY) NACAEE
(HM) ARGININE/*analogs
(PA) ANTIVIRAL AGENTS
(II) SURFACE-ACTIVE AGENTS
(NO) RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 8/83

N-(alpha)-lauroyl-L-arginine ethyl ester see N-(alpha)-lauroylarginine ethyl ester

N-(alpha)-lauroyl-L-arginine ethyl ester see N-(alpha)-lauroylarginine ethyl ester

N-(alpha)-lauroyl-L-arginine ethyl ester, DL- pyroglutamic acid salt see N-(alpha)-lauroylarginine ethyl ester

alpha-limit dextrinase see alpha-1,4-glucosidase

alpha-linolenic acid
(RN) 1955-33-5
(RR) 822-18-4 (Na salt)
(RR) 38660-45-6 (K salt)
(RR) 3131-67-7 (14C-labeled cpd)
(RR) 28290-79-1 ((E,E,E,)-isomer)
(RR) 463-40-1 ((Z,Z,Z)-isomer)
(SY) linolenic acid
(SY) linolenate
(HM) *LINOLENIC ACIDS
(NO) RN given refers to parent cpd without isomeric designation

alpha-lipoic amide see lipoamide

alpha-lytic protease see Myxobacter alpha-lytic proteinase

alphaLyt-1 see Lyt antibodies

alphaLyt-2 see Lyt antibodies

alpha 2-macroglobulin-collagenase complex
(SY) alpha-2-MCC
(SY) collagenase-alpha 2-macroglobulin complex
(HM) *ALPHA MACROGLOBULINS
(HM) *CLOSTRIDIOPEPTIDASE A
(NO) experimental synovitis induced by above complex

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alpha 2-macroglobulin-insulin complex
(SY) alpha-2-MIC
(SY) insulin-alpha 2-macroglobulin conjugate
(HM) *ALPHA MACROGLOBULINS
(HM) *INSULIN
(NO) recognizes both insulin and alpha 2-macroglobulin receptors

alpha 2-macroglobulin-plasmin complex see plasmin-alpha(2)-macroglobulin complex

alpha-2 macroglobulin receptors see alpha-2 macroglobulin receptor

alpha-2 macroglobulin receptor
(SY) receptor, alpha-2 macroglobulin
(SY) alpha-2 macroglobulin receptors
(HM) *RECEPTORS, IMMUNOLOGIC
(II) ALPHA MACROGLOBULINS

alpha 2-macroglobulin-thermolysin complex
(SY) alpha-2-MTHC
(SY) thermolysin-alpha(2)-macroglobulin complex
(HM) *ALPHA MACROGLOBULINS
(HM) *THERMOLYSIN

alpha(2)-macroglobulin-thrombin complex see thrombin-alpha(2)-macroglobulin complex

alpha 2-macroglobulin-trypsin complex
(SY) alpha-2-MTC
(SY) trypsin-alpha(2)-macroglobulin complex
(HM) *ALPHA MACROGLOBULINS
(HM) *TRYPSIN
(NO) cleaves peptide hormones; used in chemotherapy of acute pancreatitis; experimental synovitis induced by above cpd

N(alpha)-malto-glucagon see N(alpha)-maltoglucagon

N(alpha)-maltoglucagon
(RN) 84647-86-9
(SY) NAMG
(SY) N(alpha)-malto-glucagon
(HM) GLUCAGON/*analogs

N(alpha)-malto-S-methylmethionine-27-glucagon
(SY) NAMSMMG
(HM) GLUCAGON/*analogs

alpha-maltosidase
(RN) EC 3.2.1.-
(HM) *ALPHA-GLUCOSIDASES

alpha-mannosidase see alpha-D-mannosidase

alpha-D-mannosidase
(RN) EC 3.2.1.24
(SY) alpha-D-mannoside mannohydrolase
(SY) alpha-mannosidase
(SY) alpha 1,2-mannosidase
(HM) *MANNOSIDASES
(NO) catalyzes hydrolysis of terminal, non-reducing alpha-D-mannose residues in alpha-D-mannosides

alpha-D-mannosidase I see mannosyl-oligosaccharide 1,2-alpha-mannosidase

alpha-D-mannosidase II
(RN) EC 3.2.1.-
(SY) mannosidase II
(HM) *MANNOSIDASES
(NO) removes alpha-1,3- & alpha-1,6-mannosyl residues during post-translational modification of glycoproteins

alpha 1,2-mannosidase see alpha-D-mannosidase

alpha-D-mannoside mannohydrolase see alpha-D-mannosidase

alpha 1-4-mannosyltransferase
(RN) EC 2.4.1.-
(HM) *MANNOSYLTRANSFERASES
(NO) from Mycobacterium smegmatis; involved in methylmannose polysaccharide elongation; GDP-mannose is donor

alpha-MAPI see microbial alkaline proteinase inhibitor

alpha-mating factor see mating factor

alpha-2-MCC see alpha 2-macroglobulin-collagenase complex

alpha-melanotropin receptors see MSH receptor

alpha mercapto beta-(2-furan)acrylic acid
(RN) 55927-33-8
(SY) RMI 71,626
(SY) RMI-71626
(SY) 2-mercapto-3-furan-2-ylpropenoic acid
(HM) *ACRYLATES
(PA) ANTIDOTES
(NO) thiol antidote in mercury poisoning

alpha-methylaconitate
(RN) 6061-93-4
(SY) alpha-methyl-cis-aconitate
(SY) cis-2-butene-1,2,3-tricarboxylic acid
(HM) *ACONITIC ACID/analogs
(NO) substrate for aconitase; RN given refers to (Z)-isomer; RN for cpd without isomeric designation not in Chemline 12/84

alpha-methyl-cis-aconitate see alpha-methylaconitate

alpha-methyladrenaline see alpha-methylepinephrine

17 alpha-methyl-5 alpha-androstano(2,3-c)furazan-17 beta-ol see furazabol

17 alpha-methyl-5 alpha-dihydrotestosterone see mestanolone

alpha-(methylamino)isobutyrate see 2-(methylamino)isobutyric acid

17 alpha-methylandrostan-17 beta-ol-3-one see mestanolone

alpha-methyl-DL-aspartate see 2-methylaspartic acid

alpha-methylbenzyl alcohol see methylphenyl carbinol

alpha-methylbenzylamine see 1-phenethylamine

alpha-methylbenzyl 3-(dimethoxyphosphinyloxy)-cis-crotonate see crotoxyphos

(alpha-methylbenzyl)hydrazine see mebanazine

N-(alpha-methylbenzyl)linoleamide see N-(2(-methylbenzyl)linoleamide

N-(alpha-methylbenzyl)-cis,cis-octadeca-9,12-dienamide see N-(2(-methylbenzyl)linoleamide

7 alpha-methyl-10 beta,17 beta-diacetoxy-4 delta-estren-3-one see 7-methyl-10,17-diacetoxy-4-estren-3-one

17 alpha-methyl-17 beta-hydroxy-5 alpha-androstan-3- one see mestanolone

alpha-methylbutyrate see 2-methylbutyrate

24 alpha-methylcholest-5-en-3 beta-ol see campesterol

alpha-methyl-N-cyclopropylbenzylamine see N-(1-methyl)cyclopropylbenzylamine

alpha-methyldethiobiotin
(RN) 36846-64-7
(HM) BIOTIN/*analogs
(NO) antimetabolite of biotin isolated from Streptomyces lydicus.; structure

3 alpha-methyl-digitoxigenin glucoside see 3 alpha-methyldigitoxigenin glucoside

3 alpha-methyldigitoxigenin glucoside
(RN) 62190-59-4
(SY) 3-MDTG
(SY) 3 alpha-methyl-digitoxigenin glucoside
(HM) DIGITOXIGENIN/*analogs
(NO) binds to ouabain receptors

2 alpha-methyldihydrotestosterone propionate see drostanolone propionate

alpha-methyldopamine
(RN) 555-64-6
(RR) 3583-05-9 ((+-)-isomer)
(RR) 3459-15-2 (mono-HBr)
(RR) 2410-01-7 (mono-HCl(+-)-isomer)
(RR) 1892-59-7 (mono-HCl(R)-isomer)
(RR) 828-06-8 (mono-HCl)
(RR) 14513-20-3 ((S)-isomer)
(RR) 13402-56-7 (mono-HBr(+-)-isomer)
(RR) 2743-78-4 ((R)-isomer)
(RR) 4998-74-7 (mono-HCl(S)-isomer)
(RR) 51080-00-3 (conjugate monoacid)
(SY) catecholamphetamine
(HM) DEOXYEPINEPHRINE/*analogs
(NO) RN given refers to cpd without isomeric designation

alpha-methylene gamma-butyrolactone
(RN) 547-65-9
(HM) *4-BUTYROLACTONE/analogs

alpha-methylepinephrine
(RN) 10329-60-9
(RR) 23327-31-3 (threo-(+)-isomer)
(RR) 17298-74-7 (HCl(erythro-(+-))-isomer)
(RR) 5497-61-0 (threo-(+-)-isomer)
(RR) 946-43-0 (HCl)
(RR) 61-97-2 (HCl((R*,S*)-(+-))-isomer)
(RR) 17298-72-5 (HCl(threo(+-))-isomer)
(RR) 15398-67-1 (erythro-(-)-isomer)
(SY) alpha-methyladrenaline
(SY) 3,4-dihydroxy-alpha-(1-(methylamino)ethyl) benzyl aldohol
(HM) EPINEPHRINE/*analogs
(NO) RN given refers to cpd without isomeric designation; structure in Negwer, 5th ed, #1401

17 alpha-methylestradiol see 17-methylestradiol

alpha-methylfentanyl
(RN) 79704-88-4
(SY) alpha methyl fentanyl
(HM) FENTANYL/*analogs
(II) STREET DRUGS
(NO) combined with 3-methylfentanyl & sold as illicit "China White"

alpha methyl fentanyl see alpha-methylfentanyl

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alpha-methylglucoside
(RN) 97-30-3
(RR) 25360-06-9 (methyl-alpha-D-glucoside)
(RR) 3149-68-6 ((D)-isomer)
(RR) 60821-14-9 (13C-labeled cpd)
(RR) 40010-54-6 (6-(13)C-labeled cpd)
(RR) 36191-11-4 ((alpha-L)-isomer)
(RR) 60821-15-0 (13C-labeled cpd(beta-D)-isomer)
(RR) 68636-29-3 (5-(17)O-labeled cpd)
(RR) 68636-28-2 (6-(17)O-labeled cpd(alpha-L)-isomer)
(RR) 709-50-2 ((beta-D)-isomer)
(RR) 36191-12-5 ((L)-isomer)
(RR) 35082-77-0 (2H-labeled cpd(beta-D)-isomer)
(SY) methyl alpha-D-glucoside
(SY) alpha-methyl-D-glucoside
(SY) beta-methylglucoside
(SY) beta-methyl-D-glucoside
(SY) methyl beta-D-glucopyranoside
(SY) 1-O-methylglucose
(HM) *METHYLGLUCOSIDES
(NO) RN given refers to unlabeled cpd(alpha-D)-isomer; RN for cpd without isomeric designation not in Chemline 8/84

alpha-methyl-D-glucoside see alpha-methylglucoside

alpha-methylhistidine
(RN) 587-20-2
(RR) 62075-22-3 ((L)-isomer)
(RR) 20500-12-3 (HCl(DL)-isomer)
(RR) 3256-95-9 ((DL)-isomer)
(HM) *METHYLHISTIDINES

17 alpha-methyl-D-homo-5 beta-androstane-3 alpha, 17alpha,beta-diol see 17 alpha-methyl-homo-5 beta-androstane-3 alpha,17 alpha,beta-diol

17 alpha-methyl-homo-5 beta-androstane-3 alpha,17 alpha,beta-diol
(RN) 76612-30-1
(RR) 4975-35-3 ((3beta,5alpha,17alpha,17aalpha)-isomer)
(RR) 516-51-8 ((3beta,5alpha,17alpha,17abeta)-isomer)
(SY) 17 alpha-methyl-D-homo-5 beta-androstane-3 alpha,17alpha,beta-diol
(HM) *5-ANDROSTANE-3,17-DIOL/analogs
(NO) RN given refers to (3 alpha,5 beta,17 alpha,17a beta)-isomer; RN for cpd without isomeric designation not in Chemline 7/29/83

alpha-methyl-5-hydroxytryptamine see alpha-methylserotonin

DL-threo-alpha-methylisocitrate see threo-alpha-methylisocitrate

threo-alpha-methylisocitrate
(RN) 6061-95-6
(RR) 15852-49-0 (3H-labeled cpd)
(SY) 3-hydroxy-1,2,3-butanetricarboxylate
(SY) DL-threo-alpha-methylisocitrate
(HM) *ISOCITRATES
(NO) RN given refers to cpd without specific stereochemistry; designated cpd not in Chemline 11/1/79

alpha-methylmalate see citramalate

alpha-methylmannose see methylmannoside

alpha-methyl-D-mannose see methylmannoside

alpha-methylmannoside see methylmannoside

alpha-methyl-meta-tyrosine see alpha-methyl-m-tyrosine

15 alpha,16-methyl-16-methoxy-PGE1 see MDL 646

15 alpha,16(R),16-methyl-16-methoxy-prostaglandin E1 see MDL 646

7 alpha-methylnorethindrone enanthate 10-beta-hydroperoxide see 10-hydroperoxy-7-methylnorethindrone 17-heptanoate

17 alpha-methyl-19-norprogesterone see demegestone

DL-alpha-methylornithine see alpha-methylornithine

alpha-methylornithine
(RN) 48047-94-5
(RR) 64817-91-0 (mono-HCl(D)-isomer)
(RR) 59545-84-5 (mono-HCl(L)-isomer)
(RR) 56357-54-1 (mono-HCl(DL)-isomer, (14)C-labeled cpd)
(RR) 56327-45-8 (di-HCl(DL)-isomer)
(RR) 53481-61-1 ((DL)-isomer)
(RR) 52372-32-4 (mono-HCl(DL)-isomer)
(RR) 55301-49-0 (mono-HCl)
(RR) 42856-75-7 (monosulfate)
(RR) 53481-62-2 (monocarbonate(DL)-isomer)
(RR) 42489-35-0 (carbonate(L)-isomer)
(RR) 48047-95-6 ((L)-isomer)
(SY) alpha-methyl ornithine
(SY) DL-alpha-methylornithine
(HM) ORNITHINE/*analogs
(PA) ANTINEOPLASTIC AGENTS
(NO) inhibitor of ornithine decarboxylase; RN given refers to cpd without isomeric designation

alpha-methyl ornithine see alpha-methylornithine

alpha-methyl-para-tyrosine see alpha-methyl-4-tyrosine

alpha-methyl-para-tyrosine methyl ester see alpha-methyl-p-tyrosine methyl ester

alpha-methylphenylalanine
(RN) 4415-69-4
(RR) 30990-90-0 (HCl(L-Phe)-isomer)
(RR) 23239-35-2 ((L-Phe)-isomer)
(RR) 17350-84-4 ((D-Phe)-isomer)
(RR) 14603-95-3 (HCl(DL-Phe)-isomer)
(RR) 14603-77-1 (HCl(D-Phe)-isomer)
(RR) 1132-26-9 ((DL-Phe)-isomer)
(HM) PHENYLALANINE/*analogs
(NO) induces chronic hyperphenylalaninemia in suckling rats; models for the study of inborn errors of metabolism WD 205.5 I61m 1978 p.125; RN given refers to parent cpd without isomeric designation

alpha-methyl-N-(3-phenylpropyl)phenethylamine see stenopril

6 alpha-methylpregn-4-ene-3,20-dione see 6 alpha-methylprogesterone

6 alpha-methylprogesterone
(RN) 903-71-9
(SY) 6 alpha-methylpregn-4-ene-3,20-dione
(HM) PROGESTERONE/*analogs
(li) PROGESTATIONAL HORMONES, SYNTHETIC
(NO) progestin with anti-androgenic & synandrogenic activity

alpha-methylserotonin
(RN) 22965-81-7
(RR) 78263-92-0 (succinate)
(SY) alpha-methyl-5-hydroxytryptamine
(HM) SEROTONIN/*analogs
(NO) potent agonist at M & D receptors of serotonin; RN given refers to parent cpd

14 alpha-methyl sterol oxidase see 24,25-dihydrolanosterol 14 alpha-oxidase

alpha-methylstyrol
(RN) 98-83-9
(HM) *STYRENES

DL-alpha-methylthyroxine ethyl ester see etiroxate

17 alpha-methyltrienolone see methyltrienolone

alpha-methyltryptamine see indopan

alpha-methyl-m-tyrosine
(RN) 305-96-4
(RR) 831-74-3 ((L)-isomer)
(RR) 62-25-9 ((DL)-isomer)
(SY) alpha-methyl-meta-tyrosine
(HM) *METHYLTYROSINES
(NO) RN given refers to cpd without stereoisomeric designation; stucture in Merck Index, 9th ed, #6004

alpha-methyl-p-tyrosine methyl ester
(RN) 4502-13-0
(RR) 1421-66-5 (mono-HCl)
(RR) 7423-78-1 ((L)-isomer)
(RR) 7695-82-1 ((DL)-isomer)
(RR) 7361-31-1 (HCl(DL)-isomer)
(SY) alpha-methyl-para-tyrosine methyl ester
(HM) *METHYLTYROSINES
(NO) RN given refers to parent cpd

alpha-methyl-p-tyrosine see alpha-methyl-4-tyrosine

alpha-methyl-4-tyrosine
(RN) 658-48-0
(RR) 30625-05-9 (HCl)
(RR) 672-87-7 ((L)-isomer)
(SY) alpha-methyl-para-tyrosine
(SY) metyrosine
(SY) alpha-methyl-p-tyrosine
(HM) *METHYLTYROSINES
(PA) TYROSINE HYDROXYLASE/antag
(NO) RN given refers to parent cpd

alpha 1 microglobulin, chorionic see chorionic alpha(1)-microglobulin

alpha 1 microglobulin, guinea pig see alpha(1)-microglobulin

alpha(1)-microglobulin
(SY) human complex forming glycoprotein
(SY) alpha 1 microglobulin, guinea pig
(SY) alpha(1)-microglycoprotein
(SY) protein HC
(SY) human complex-forming protein
(SY) neutral microprotein
(HM) *ALPHA GLOBULINS
(NO) small plasma protein found in serum & urine of healthy individuals & in urine of patients with tubular proteinuria; alpha 1 microglobulin, guinea pig isolated from urine of guinea pigs with renal damage induced by Na chromate & is homologous to man; glycoprotein; MW approx 30,000

alpha(2)-microglobulin
(HM) *ALPHA GLOBULINS
(NO) see also alpha(1)-microglobulin

alpha(1)-microglycoprotein see alpha(1)-microglobulin

alpha-2-MIC see alpha 2-macroglobulin-insulin complex

alpha-momorcharin see momorcharin

alpha-monofluoromethyl-beta-(2,3-dihydroxyphenyl) alanine see MDL 72,163

alpha-monofluoromethyldopa
(RN) 69938-07-4
(RR) 69672-34-0 ((L)-isomer)
(RR) 69938-07-4 ((DL)-isomer)
(SY) MFMD
(SY) RMI 71963
(SY) alpha-fluoromethyldopa
(SY) monofluoromethyl-dopa
(SY) 2-(fluoromethyl)-3-(3,4-dihydroxyphenyl)alanine
(SY) alpha-(fluoromethyl)-3-hydroxy-L-tyrosine
(HM) METHYLDOPA/*analogs
(NO) structure given in third source; RN given refers to cpd without isomeric designation

alpha-monofluoromethylhistidine see alpha-fluoromethylhistidine

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alpha-monofluoromethylputrescine
(RN) 83306-45-0
(SY) R.M.I. 71864
(HM) PUTRESCINE/*analogs
(PA) ORNITHINE DECARBOXYLASE/antag

alpha-monofluoromethyl-4-tyrosine methyl ester
(RN) 81363-78-2
(SY) alpha-fluoromethyl-para-tyrosine methyl ester
(SY) methyl alpha-fluoromethyl-4-tyrosine
(SY) AMFMTMe
(HM) TYROSINE/*analogs
(PA) AROMATIC AMINO ACID DECARBOXYLASES/antag

alpha-monofluoromethyl-4-tyrosine
(RN) 73804-76-9
(RR) 69672-37-3 ((L)-isomer)
(SY) alpha-fluoromethyl-para-tyrosine
(SY) AMFMT
(HM) TYROSINE/*analogs
(PA) AROMATIC AMINO ACID DECARBOXYLASES/antag
(NO) RN given refers to cpd without isomeric designation

alpha-MSH acetyltransferase see peptide acetyltransferase

alpha-MSH receptors see MSH receptor

alpha-2-MTC see alpha 2-macroglobulin-trypsin complex

alpha-2-MTHC see alpha 2-macroglobulin-thermolysin complex

alpha-naphthaleneacetic acid see 1-naphthaleneacetic acid

N-(2-(alpha-naphthalenesulfonamide)ethyl)-2,4-dimethylpyrrolidine see BRL 31660

alpha-naphthoflavone
(RN) 604-59-1
(SY) 7,8-benzoflavone
(HM) *BENZOFLAVONES

alpha-naphthoflavone-5,6-dihydrodiol
(RN) 78729-84-7
(RR) 81872-44-8 ((trans)-isomer)
(SY) 5,6-dihydroxy-alpha-naphthoflavone
(HM) *BENZOFLAVONES
(NO) RN given refers to (5R-trans)-isomer; RN for cpd without isomeric designation not in Chemline 8/2/83

alpha-naphthoflavone-7,8-dihydrodiol
(RN) 86126-12-7
(SY) ANF-7,8-diol
(SY) 7,8-dihydroxy-alpha-naphthoflavone
(HM) *BENZOFLAVONES

alpha-naphthoflurorene see benzo(a)fluorenc

alpha-naphthol see 1-naphthol

alpha-naphthoxyacetic acid see 1-naphthoxyacetic acid

alpha-naphthoxylactic acid see naphthoxylactic acid

3-(alpha-naphthoxy)-1,2-propanediol see propranolol glycol

alpha-naphthyl acetate
(RN) 830-81-9
(HM) *NAPHTHOLS
(NO) RN given refers to (alpha)-isomer

alpha-naphthyl butyrate
(RN) 3121-70-8
(HM) *NAPHTHOLS

alpha naphthyl butyrate esterase see naphthylbutyrate esterase

alpha-naphthylphosphate see naphthyl phosphate

alpha-naphthyl phosphate see naphthyl phosphate

N-alpha-(2-naphthylsulfonyl-Gly)-4-amindino-Phe piperidide hydroiodide see N-alpha-(2-naphthylsulfonylglycyl)-4-amidinophenylalanine piperidide

N-alpha-(2-naphthylsulfonylglycyl)-4-amidinophenylalanine piperidide
(RN) 86845-59-2
(SY) N-alpha-(2-naphthylsulfonyl-Gly)-4-amindino-Phe piperidide hydroiodide
(SY) NAS-Gly-PHE-4-Am-PIP
(HM) *PIPERIDINES
(PA) THROMBIN/antag
(NO) thrombin inhibitor

alpha-naphthylthiourea see alpha-naphthyl thiourea

alpha-naphthyl thiourea
(RN) 86-88-4
(SY) ANTU
(SY) 1-naphthylthiourea
(SY) alpha-naphthylthiourea
(SY) Dirax
(HM) THIOUREA/*analogs
(PA) RODENTICIDES
(NO) structure

alpha-neoendorphin
(RN) 69671-17-6
(SY) alpha-neo-endorphin
(HM) *ENDORPHINS
(HM) *PROTEIN PRECURSORS
(NO) precursor or leucine enkephalin family

alpha-neo-endorphin see alpha-neoendorphin

alpha-4-nitrophenyl maltoheptaoside see 4-nitrophenyl maltoheptaoside

l-alpha-noracetylmethadol see noracymethadol

alpha-4-norpyridoxal
(RN) 7442-74-2
(RR) 3816-44-2 (HCl)
(HM) PYRIDOXAL/*analogs
(II) COCCIDIOSTATS
(NO) RN given refers to parent cpd; structure

16 alpha-OH-DHEA-sulfate see 16-hydroxydehydroepiandrosterone sulfate

1alpha-OHD2 see 1 alpha-hydroxyergocalciferol

1alpha-OHD3 see 1 alpha-hydroxycholecalciferol

3 alpha-ol-7-one-5 beta-cholanoic acid see 7-ketolithocholic acid

alpha-oxobutyric acid see alpha-ketobutyric acid

alpha-oxo-gamma-methylthiobutyric acid see 2-keto-4-methylthiobutyric acid

alpha-oxoglutarate see alpha-ketoglutaric acid

alpha-oxoisocaproate see alpha-ketoisocaproic acid

alpha-oxoisovalerate see alpha-ketoisovalerate

2-alpha-oxy-beta-N-piperidine-ethyl-selenophene hydroxide see piperidine-ethyl-selenophene

17 alpha-oxyprogesterone capronate see 17 alpha-hydroxyprogesterone caproate

N-alpha-palmitoyl-lysyllysine ethyl ester
(RN) 7325-88-4
(SY) NAPLL
(SY) N-alpha-palmitoyl-L-lysyl-L-lysine ethyl ester
(HM) *DIPEPTIDES
(PA) ANTI-INFECTIVE AGENTS
(II) FOOD PRESERVATIVES
(NO) RN given refers to di-HCl(L)-isomer; RN for parent cpd not in Chemline 8/2/83

N-alpha-palmitoyl-L-lysyl-L-lysine ethyl ester see N-alpha-palmitoyl-lysyllysine ethyl ester

4 alpha-PDD see phorbol-12,13-didecanoate

alpha-phenyl- beta-hydroxypropionic acid see tropic acid

3-(alpha-phenyl-beta-propionylethyl)-4- oxycoumarin see phepromaron

alpha-phenyl-t-butyl nitrone see phenyl-N-tert-butylnitrone

alpha-phenylethylamine see 1-phenethylamine

alpha-phenylhydracrylic acid see tropic acid

alpha-phenyl-2-piperidineacetic acid see ritalinic acid

3 alpha-phenylpropyl-5 beta- diethylaminoethyl-1,2,4-oxadiazole see proxazole

17 alpha(phenylseleno)progesterone see 17-(phenylseleno)progesterone

N(alpha)-phospholysine
(SY) N(1)-phosphono-L-lysine
(HM) LYSINE/*analogs

alpha-pinene
(RN) 80-56-8
(RR) 1330-16-1 (pinene)
(SY) 2-pinene
(SY) Wilt Pruf
(HM) *TERPENES
(NO) used in manufacture of camphor, insecticides, solvents, plasticizers, perfume bases, synthetic pine oil; can be irritating to skin, mucous membranes; RN given refers to (alpha)-isomer; structure

alpha PIP complex see alpha 2-plasmin inhibitor-plasmin complex

6-(N-alpha-pipecolinomethyl)-5-hydroxyindane
(SY) 6-PPM-5-hydroxyindane
(HM) *INDANS
(PA) ANTISPERMATOGENIC AGENTS
(NO) causes permanent sterility in male rat

threo-alpha-(2-piperidyl)-2-trifluoromethyl-6-(4-trifluoromethylphenyl)- 4-pyridinemethanol phosphate see WR-180,409

alpha 2-plasmin inhibitor-plasmin complex
(SY) alpha PIP complex
(SY) plasmin-alpha2-plasmin inhibitor complex
(HM) *ANTIFIBRINOLYTIC AGENTS
(HM) *FIBRINOLYSIN
(NO) used in enzyme-linked differential antibody immunosorbent assay in blood for the determination of protein-cleaving enzymes

alpha-1-PNIB see alpha1-proteinase inhibitor

alpha pol SF see DNA polymerase alpha stimulating factor

5 alpha-pregnane-3 alpha,20 alpha-diol see allopregnane-3,20-diol

5 alpha-pregnane-3,20-dione see 3,20-allopregnanedione

alpha-preprotachykinin see preprotachykinin

alpha-propoxycarbonyldihydroartemisine see SM 242

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17 alpha-propylmesterolone see 17-propylmesterolone

1-(alpha-propylphenethyl)pyrrolidine see prolintane

alpha1-protease isoinhibitor see alpha1-proteinase inhibitor

alpha 1-proteinase inhibitor see alpha1-proteinase inhibitor

alpha1-proteinase inhibitor
(SY) alpha(1)-proteinase inhibitor
(SY) alpha-1-PNIB
(SY) alpha1-protease isoinhibitor
(SY) R-1 protease inhibitor
(SY) alpha 1-inhibitor
(SY) alpha-1(3)
(SY) alpha 1-proteinase inhibitor
(HM) *BLOOD PROTEINS
(PA) PROTEASE INHIBITORS
(NO) major endogenous inhibitor of leukocyte elastase

alpha(1)-proteinase inhibitor see alpha1-proteinase inhibitor

alpha-putrescinylthymine
(RN) 40451-54-5
(SY) 5-(4-aminobutylaminomethyl)uracil
(SY) putThy
(HM) THYMINE/*analogs

alpha-pyridylbiphenylacetamide see difenpiramide

alpha-(4-pyridyl-1-oxide)-N-tert-butylnitrone
(SY) POBN
(HM) *NITROGEN OXIDES
(II) SPIN LABELS
(NO) structure given in first source

alpha-(4-pyrrolidinoethoxy)phenyl-4-hydroxy-alpha'-nitrostilbene see C1628M

5 alpha-reductase see cholestenone 5 alpha-reductase

N-alpha-L-rhamnopyranosyloxyhydroxyphosphinyl)-L-leucyl-L-tryptophan see phosphoramidon

alpha-L-rhamnosidase
(RN) EC 3.2.1.40
(RR) 37288-35-0 (CRN)
(SY) alpha-L-rhamnoside rhamnohydrolase
(HM) *GLYCOSIDE HYDROLASES

alpha-L-rhamnoside rhamnohydrolase see alpha-L-rhamnosidase

alpha(2)-rhodomycinone
(HM) *NAPHTHACENES

alpha-D-ribofuranose 1-phosphate see ribose 1-phosphate

L-(alphaS,5S)-alpha-amino-3-chloro-4,5-dihydro-5-isoxazoleacetic acid see acivicin

alpha-sarcin
(RN) 1407-48-3
(HM) *FUNGAL PROTEINS
(II) ASPERGILLUS
(NO) basic protein MW 16,000 isolated from aspergillus giganteus; inhibitor of eukaryotic protein synthesis

alpha-scorpion toxin receptor see scorpion toxin receptor

6 alpha-senecioyloxychaparrin
(RN) 82151-95-9
(SY) 6-ASOC
(HM) *GLAUCARUBIN/analogs
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(NO) antileukemic quassinoid from Simaba multiflora; structure given in first source

alpha 2-3-sialyltransferase see CMP-acetylneuraminate-galactoside (alpha 2-3)-sialyltransferase

alpha 2-6-sialyltransferase see CMP-acetylneuraminate galactoside (alpha 2-6)- sialyltransferase

alpha-staphylolysin see staphylolysin

alpha-staphylotoxin see staphylotoxin

alpha-stearoyl-beta-arachidonyl-L-phosphatidylcholine see 1-stearoyl-2-arachidonylphosphatidylcholine

5 alpha-stigmastane-3 beta,5,6 beta- triol 3-monobenzoate
(RN) 20835-91-0
(RR) 73544-41-9 ((3beta)-isomer)
(HM) *STEROLS
(PA) ABORTIFACIENT AGENTS, STEROIDAL
(II) CONTRACEPTIVE AGENTS
(NO) RN given refers to (3beta,5alpha,6beta)-isomer; RN for cpd without isomeric designation not in Chemline 11/27/83

alpha subunit, glycoprotein hormones see alpha subunit, pituitary hormones

alpha subunit, pituitary hormones
(SY) pituitary hormone alpha subunit
(SY) ASGPH
(SY) luteinizing hormone alpha subunit
(SY) LH-alpha
(SY) follicle stimulating hormone alpha subunit
(SY) FSH-alpha
(SY) thyroid stimulating hormone alpha subunit
(SY) TSH-alpha
(SY) thyrotropin alpha subunit
(SY) alpha subunit, glycoprotein hormones
(SY) lutropin-alpha
(HM) *PITUITARY HORMONES, ANTERIOR
(HM) *PEPTIDE FRAGMENTS
(NO) glycoprotein hormones TSH, LH, FSH, HCG are composed of two non-covalently bound subunits, alpha & beta; alpha subunits are virtually identical in structure & indistinguishable by radioimmunoassay

1 alpha-(4-(N-succinimidoxycarbonyl) butyryl)mitomycin C
(SY) MMC-G-OSU
(HM) *MITOMYCINS
(NO) intermediate in mitomycin C conjugate with alpha-fetoprotein antibody; structure given in first source

3 alpha-sulfooxy-12 alpha-hydroxy-5 beta-cholan-24- oic acid see 3-sulfodeoxycholic acid

alpha,2,6-TCT see alpha,2,6-trichlorotoluene

alpha-terpineol
(RN) 98-55-5
(RR) 7785-53-7 (D-alpha-terpineol)
(RR) 10482-56-1 (l-alpha-terpineol)
(RR) 2438-12-2 (DL-alpha-terpineol)
(HM) *TERPENES
(NO) component of dettol; RN given refers to cpd without isomeric designation

alpha-terthienyl see terthienyl

2',3 alpha'-tetrahydrofuran-2'-spiro-17-(6 alpha,7 alpha-difluoromethylene-1 alpha,2 alpha-methylene)-4-androsten-3-one see MK-316

alpha-TGT see 1,3,5-triglycidyl-s-triazinetrione

2-(alpha-thenoylthio)propionylglycine see stepronin

2-(alpha-theonyl)thiopropionylglycine see stepronin

alpha-thioglycerol see thioglycerol

alpha-thiol proteinase inhibitor
(SY) alpha-TPI
(SY) alpha-TPI(1)
(SY) alpha-TPI(2)
(HM) *BLOOD PROTEINS
(PA) PROTEASE INHIBITORS
(NO) protein inhibitor specific for thiol proteinases isolated from human serum; alpha-TPI(1) has MW 90,000; alpha-TPI(2) has MW 175,000; s cathepsin L

7 alpha-thiospironolactone
(RN) 38753-76-3
(SY) SC 24813
(SY) deacetylspironolactone
(HM) SPIRONOLACTONE/*analogs
(NO) active metabolite of spironolactone; RN given refers to (7alpha,17alpha); cpd without isomeric designation not in Chemline 6/20/83

alpha-tocopherol acetate see vitamin E acetate

alpha-tocopherol-binding protein
(SY) alpha-tocopherol binding protein
(HM) *CARRIER PROTEINS
(II) VITAMIN E

alpha-tocopherol binding protein see alpha-tocopherol-binding protein

alpha-tocopherol hydroquinone see alpha-tocopherol quinol

alpha-tocopherolquinol see alpha-tocopherol quinol

alpha-tocopherol quinol
(RN) 14745-36-9
(SY) alpha-tocopherol hydroquinone
(SY) alpha-tocopherolquinol
(SY) 2-(3-hydroxy-3,7,11,15-tetramethylhexadecyl)-3,5,6-trimethylbenzoquinol
(HM) VITAMIN E/*analogs

alpha-tocopherolquinone see tocopherylquinone

alpha-tocopherol quinone see tocopherylquinone

alpha-tocopherol receptor
(SY) vitamin E receptor
(SY) alpha-tocopherol receptors
(SY) vitamin E receptors
(SY) receptor, alpha-tocopherol
(SY) receptor, vitamin E
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) VITAMIN E

alpha-tocopherol receptors see alpha-tocopherol receptor

alpha-tocopherol succinate see vitamin E succinate

d-alpha-tocopheryl acetate see vitamin E acetate

alpha-tocopheryl acetate see vitamin E acetate

alpha tocopheryl acid succinate see vitamin E succinate

alpha-tocopheryl nicotinate
(RN) 43119-47-7
(RR) 51898-34-1 ((2R*(4R*,8R*)-(+-))-isomer)
(SY) tocopheryl nicotinate
(HM) VITAMIN E/*analogs
(HM) *NICOTINIC ACIDS
(PA) ANTIHYPERTENSIVE AGENTS
(NO) RN given refers to (2R-(2R*(2R*(4R*,8R*))-isomer

N-alpha-tosyl-(3-amidinophenyl)alanine piperidide
(RN) 73438-63-8
(SY) TAPAP
(HM) *PIPERIDINES
(PA) ANTITHROMBINS

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N-(alpha)-tosyl-L-arginine-p-nitroanilide see N-(alpha)-tosylarginine-4-nitroanilide

N-(alpha)-tosylarginine-4-nitroanilide
(RN) 36186-55-7
(SY) N-(alpha)-tosyl-L-arginine-p-nitroanilide
(HM) ARGININE/*analogs
(NO) synthetic trypsin substrate; RN given refers to (S)-isomer

alpha-TPI see alpha-thiol proteinase inhibitor

alpha-TPI(1) see alpha-thiol proteinase inhibitor

alpha-TPI(2) see alpha-thiol proteinase inhibitor

alpha,2,6-trichlorotoluene
(RN) 2014-83-7
(SY) alpha,2,6-TCT
(HM) TOLUENE/*analogs
(NO) causes elevated LDH activities in male rats

alpha-trichosanthin see trichosanthin

alpha-1,3,5-triglycidyl-s-triazinetrione see 1,3,5-triglycidyl-s-triazinetrione

N-alpha-triglycyl-8-lysine-9-desglycinamide- vasopressin see vasopressin, N-alpha-Gly-Gly-Gly-8-Lys-9-des-GlyNH2-

2-(3,4,alpha-trihydroxybenzyl)imidazoline
(RN) 85232-93-5
(RR) 85232-94-6 ((R)-isomer)
(RR) 75847-72-2 (HCl(S)-isomer
(RR) 75847-71-1 (HCl(R)-isomer)
(SY) 2-ATBI
(HM) TOLAZOLINE/*analogs
(NO) RN given refers to (S)-isomer; cpd without isomeric designation not in Chemline 8/83

3 alpha, 17,21-trihydroxy-5 beta-pregnan-20-one see tetrahydro-11-deoxycortisol

3,4,alpha-trihydroxyphenylacetamidine
(SY) THPAA
(HM) *CATECHOLAMINES
(NO) optically active catecholamidine; structure given in first source

1alpha,25,26-trihydroxyvitamin D3 see 1,25,26-trihydroxyvitamin D3

N,N,alpha-trimethylphenethylamine see dimethylamphetamine

N-(alpha)-trinitrophenylglucagon see N-trinitrophenylglucagon

N(alpha)-trinitrophenyl glucagon see N-trinitrophenylglucagon

(1-N-(alpha)-trinitrophenylhistidine-12-homoarginine)glucagon
(RN) 75881-61-7
(SY) glucagon, (1-N-(alpha)-trinitrophenylhistidyl-12-homoarginine)-
(SY) glucagon THG
(HM) GLUCAGON/*analogs
(NO) potent antagonist of glucagon-stimulated adenylate cyclase system; lowers blood sugar

6 alpha-triol see 5 alpha-androstane-3 beta,6 alpha,17 beta-triol

alpha uterine protein see progestagen-dependent endometrial protein

alpha-vinculin see vinculin

alphaxalone
(RN) 23930-19-0
(RR) 565-99-1 ((3alpha,5beta)-isomer)
(RR) 16472-72-3 ((3alpha)-isomer)
(RR) 600-59-9 ((3beta,5alpha)-isomer)
(RR) 566-00-7 ((3beta,5beta)-isomer)
(SY) alfaxalone
(SY) alfaxolone
(SY) delta(16)-alfaxalone
(HM) *PREGNANEDIONES
(PA) ANESTHETICS
(NO) constituent of alphadione; RN given refers to (3alpha,5alpha)-isomer; RN for cpd without isomeric designation not in Chemline 11/27/83; structure

O-alpha-D-Xyl-(1-2)-beta-D-Fru see xylosylfructoside

alpha-xylosyl-(1-6)-glucose see isoprimeverose

alpha-zearalenol
(RN) 36455-72-8
(RR) 36455-72-8 ((trans)-isomer)
(RR) 71030-11-0 ((beta)-isomer)
(RR) 66368-93-2 (zearalenol b)
(RR) 36455-71-7 ((cis)-isomer)
(SY) trans-zearalenol
(SY) zearalenol
(SY) beta-zearalenol
(HM) *ZERANOL/analogs
(NO) RN given refers to (3S-(3R*,7S*,11E))-isomer

alphazurine 2G see patent blue violet

alprazolam
(RN) 28981-97-7
(SY) D-65MT
(SY) U 31,889
(HM) *BENZODIAZEPINES
(PA) ANTICONVULSANTS
(PA) MUSCLE RELAXANTS, CENTRAL
(PA) HYPNOTICS AND SEDATIVES
(PA) BENZODIAZEPINE TRANQUILIZERS
(PA) ANTIDEPRESSIVE AGENTS
(NO) structure

alprenolol glucuronide
(RN) 54587-50-7
(HM) ALPRENOLOL/*analogs

alprenolol-NBD
(SY) 7-(2-allylphenoxy)-2,2-dimethyl-6-hydroxy-1-(7-(4-nitrobenzo-2-oxa-1,3-diazolyl))-1,4- diazaheptane
(HM) ALPRENOLOL/*analogs
(HM) *NBD CHLORIDE/analogs
(II) FLUORESCENT DYES

alprin
(RN) EC 3.4.-
(HM) *PEPTIDE HYDROLASES
(NO) protease from Bacillus subtilis used for hydrolysis of burn crust

alrestatin
(RN) 51411-04-2
(RR) 51876-97-2 (Na salt)
(SY) AY 22,284
(HM) *ISOQUINOLINES
(PA) ALDOSE REDUCTASE/antag
(PA) ANTICHOLINERGIC AGENTS
(PA) ALCOHOL OXIDOREDUCTASES/antag
(NO) RN given refers to parent cpd; structure

alstonine see serpentine (alkaloid)

alsystin see Bay Sir 8514

ALS-1249 see droxicainide

ALS 1249 see droxicainide

Altabactin see furaltadon

altax
(RN) 120-78-5
(SY) 2-mercaptobenzothiazole disulfide
(HM) *THIAZOLES
(NO) vulcanizing accelerant

alteichin
(HM) *PERYLENE/analogs
(NO) unusual phytotoxin from Alternaria eichorniae, fungal pathogen of water hyacinth; doubly hydrated form of 4,9-dihydroxyperylene-3,10-quinone

altenuene
(RN) 29752-43-0
(HM) *LACTONES
(II) MYCOTOXINS
(NO) metabolite of Alternaria; structure given in first source

alternansucrase
(RN) EC 3.2.1.-
(SY) glucansucrase
(HM) *GLYCOSIDE HYDROLASES
(NO) Leuconostoc mesenteroides enzyme synthesizes a glucan with alternating 1-6 & 1-3 linkages

alternariol
(RN) 641-38-3
(HM) *LACTONES
(PA) CHOLINESTERASE INHIBITORS
(II) MYCOTOXINS
(NO) structure

alternariol monomethyl ether
(RN) 23452-05-3
(HM) *LACTONES
(II) MYCOTOXINS

althiazide
(RN) 5588-16-9
(SY) altizide
(SY) altozide
(SY) 3-(allylthio)methyl)-6-chloro-3,4-dihydro-2H-1,2,4-benzothiadiazine-7-sulfonamide-1,1-dioxide
(HM) *SULFONAMIDES
(PA) DIURETICS, THIAZIDE
(PA) ANTIHYPERTENSIVE AGENTS
(PA) DIURETICS, SULFAMYL
(II) JUVENILE HORMONES
(NO) structure in USAN 1980, p.21

altimol see nitrefazole

altizide see althiazide

altozar
(RN) 41096-46-2
(RR) 65733-19-9 ((R-(E,E))-isomer)
(RR) 65733-18-8 ((S-(E,E))-isomer)
(RR) 57378-84-4 ((Z,Z)-isomer)
(RR) 57378-83-3 ((E,Z)-isomer)
(RR) 41205-09-8 (((E,E)-(+-))-isomer)
(RR) 41096-47-3 ((Z,E)-isomer)
(RR) 36557-30-9 (unspecified stereoisomer)
(RR) 53042-73-2 ((E,Z)-isomer)
(RR) 53042-55-0 ((Z,E)-isomer)
(RR) 53042-72-1 (((Z,Z)-(+-))-isomer)
(SY) ZR-512
(SY) hydroprene
(SY) ethyl-3,7,11-trimethyl-2,4-dodecadienoate
(HM) *FATTY ACIDS, UNSATURATED
(II) JUVENILE HORMONES
(NO) RN given refers to (E,E)-isomer

altozide see althiazide

altrenogest see 17-allyltrenbolone

Altro heptulose 1,7-bisphosphate see sedoheptulose 1,7-bisphosphate

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altronate dehydratase
(RN) EC 4.2.1.7
(SY) altronate hydro-lyase
(HM) *HYDRO-LYASES

altronate hydro-lyase see altronate dehydratase

altronate-NAD dehydrogenase see tagaturonate reductase

D-altronate-NAD+ 3-oxidoreductase see tagaturonate reductase

altronate oxidoreductase see tagaturonate reductase

alucol see maalox

alufibrate see alfibrate

AluI endonuclease see endodeoxyribonuclease AluI

alum see aluminum sulfate

alumacide
(RN) 88803-37-6
(HM) *TRIALKYLTIN COMPOUNDS
(HM) *ARSENIC
(PA) MOLLUSCACIDES
(NO) antifouling paint composed of tributyltin & Paris green

alumichrome
(RN) 32506-52-8
(HM) *FERRICHROME/analogs
(NO) Al(3+) analog of ferrichrome

aluminoborate cement
(SY) Albo
(HM) *GLASS IONOMER CEMENTS
(NO) made by reaction of polyacrylic acid with a series of ternary glasses; glasses are fusion product of aluminum trioxide, boric oxide & a third oxide in varying proportions; used as periodontal dressing material

aluminum acetate
(RN) 139-12-8
(SY) Burow's solution
(SY) Domeboro
(SY) aluminum acetate hydrate
(SY) basic aluminum acetate hydrate
(HM) *ACETATES

aluminum acetate hydrate see aluminum acetate

aluminum acetotartrate see acetotartaric acid

aluminum acetylsalicylate see aloxiprin

aluminum basic carbonate see basic aluminum carbonate gel

aluminum bis(alpha-para-chlorophenoxy)isobutyrate see alfibrate

aluminum carbide
(RN) 1299-86-1
(RR) 12656-43-8 (MF unknown)
(HM) *ALUMINUM

aluminum chlorhydrate
(RN) 12042-91-0
(SY) aluminum hydroxychloride
(HM) *ALUMINUM HYDROXIDE
(NO) antiperspirant; structure

aluminum chloride see aluminum chloride hexahydrate

aluminum chloride hexahydrate
(RN) 7784-13-6
(RR) 10124-27-3 (hydrate)
(RR) 7446-70-0 (anhydrous cpd)
(SY) aluminum chloride
(HM) *ALUMINUM
(II) ASTRINGENTS
(NO) for athlete's foot hyperhidrosis therapy; RN given refers to hexa hydrate

aluminum chlorohydroxyallantoinate see chlorohydroxyaluminum allantoinate

aluminum citrate see citric acid

aluminum fluoride
(RN) 7784-18-1
(SY) aluminum trifluoride
(HM) *ALUMINUM

aluminum hydroxycarbonate gel see basic aluminum carbonate gel

aluminum hydroxychloride see aluminum chlorhydrate

aluminum lactate see lactic acid

aluminum magnesium hydroxide see maalox

aluminum-magnesium hydroxide carbonate see almagate

aluminum-magnesium hydroxycarbonate see almagate

aluminum magnesium silicate
(RN) 1327-43-1
(RR) 12511-31-8 ($Mg(AlSiO_4)_2$)
(SY) Veegum
(SY) almasilate
(SY) Malinal
(HM) *ALUMINUM SILICATES
(PA) ANTACIDS
(II) PHARMACEUTIC AIDS
(NO) RN given refers to cpd with unspecified composition

aluminum monostearate see stearic acid

aluminum oxychloride
(RN) 1327-41-9
(SY) polyaluminium chloride
(SY) poly(aluminum hydroxy)chloride
(HM) *ALUMINUM HYDROXIDE
(PA) MUTAGENS
(PA) TERATOGENS
(II) POLYMERS
(NO) RN in SIS for same cpd: 13596-11-7; structure

aluminum phosphate
(RN) 13765-93-0
(RR) 7784-30-7 (Al monophosphate)
(HM) *PHOSPHATES
(PA) ANTACIDS
(II) ADJUVANTS, IMMUNOLOGIC
(NO) gel used as immunologic adjuvent; RN given refers to Al salt

aluminum sodium phosphate
(RN) 7785-88-8
(SY) sodium aluminum phosphate
(SY) Levair
(HM) *PHOSPHATES
(HM) *SODIUM
(HM) *ALUMINUM
(II) FOOD ADDITIVES
(NO) used as leavening agent

aluminum sucrose sulfate
(RN) 54182-58-0
(SY) sucralfate
(SY) ulsanic
(SY) basic aluminum sucrose sulfate
(SY) ulcogant
(HM) *ALUMINUM
(PA) ANTI-ULCER AGENTS
(PA) ANTICOAGULANTS

aluminum sulfate
(RN) 10043-01-3
(SY) alum
(HM) *ALUMINUM
(HM) *SULFATES

aluminum tartrate see tartaric acid

aluminum trifluoride see aluminum fluoride

alveolar macrophage growth factor
(SY) macrophage growth factor (alveolar)
(HM) *GROWTH SUBSTANCES
(II) MACROPHAGES
(NO) MW 18,000; peptide released by alveolar macrophages of all patients with idiopathic pulmonary fibrosis but not by normal individuals

alveolyn
(HM) *GLYCOPROTEINS
(NO) MW 250,000 glycoprotein from distal pulmonary secretions

alveolysin
(HM) *HEMOLYSINS

alverine citrate
(RN) 5560-59-8
(SY) spasmaverine
(HM) *PROPYLAMINES
(PA) PARASYMPATHOLYTICS
(NO) structure

alvogyl
(RN) 76773-78-9
(HM) *HYDROCARBONS, IODINATED
(HM) *AMINOBENZOIC ACIDS
(HM) *EUGENOL
(HM) *OILS, VOLATILE
(HM) DRUG COMBINATIONS
(NO) proprietory product used in tooth extraction wound sockets as pain reliever containing tri-iodomethane, butyl paraminobenzoate, volatile oil of peppermint, eugenol

alytesin
(RN) 31078-12-3
(SY) pGly-Arg-Leu-Gly-Thr-Gln-Trp-Ala-Val-Gly-His-Leu-Met-NH2
(HM) *PEPTIDES

ALZAMER C101ct see poly(2,2-dioxy-1,4-cyclohexane dimethylene tetrahydrofuran)

AL-1567 see alconil

Al 1567 see alconil

AL 1612
(RN) 25331-92-4
(HM) *INDOLES
(PA) TRANQUILIZING AGENTS
(PA) ANTIEMETICS
(NO) structure

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AL 321
(RN) 74772-68-2
(SY) AL-321
(SY) 5-(4-(2-methyl-2-phenylpropoxy)benzyl) thiazolidine-2,4-dione
(HM) *THIAZOLES
(PA) HYPOGLYCEMIC AGENTS
(NO) structure given in first source

AL-321 see AL 321

AL 381
(RN) 85255-64-7
(SY) AL-381
(HM) *AMIDES
(PA) ANESTHETICS, LOCAL
(NO) amide local anesthetic with characteristics similar to bupivacaine; from Apothekernes Laboratorium, Oslo, Norway; no other info available 4/20/83

AL-381 see AL 381

AL-794 see sfericase

AL 842 see deterenol

AL 87
(RN) 89749-73-5
(SY) AL-87
(HM) *ANTIBIOTICS
(NO) new antibiotic from Pseudomonas; no other structural info available 10/6/83

AL-87 see AL 87

AMAIB see 2-(methylamino)isobutyric acid

AMAIG-BE see N-acetylmuramyl-alanylglutamine-n-butyl ester

AMAIGL see acetylmuramyl-alanyl-isoglutaminyl-lysine

amalcap
(RN) 55964-93-7
(HM) *DENTAL AMALGAM
(NO) dental silver alloy containing also copper, mercury, tin & zinc

amantadine acetylamino-3-phenylpropionyl ester see MR 708

amastatin
(RN) 67655-94-1
(SY) 3-amino-2-hydroxy-5-methylhexanoyl-L-valyl-L-valyl-L-aspartic acid
*(SY) 3-amino-2-hydroxy-5-methylhexanoyl-Val-Val-Asp
(HM) OLIGOPEPTIDES
(PA) ANTIBIOTICS
(NO) structure

amatoxin
(RN) 58250-15-0
(HM) *AMANITINS

amatoxin-binding protein
(HM) *CARRIER PROTEINS
(II) AMANITINS
(NO) isolated & characterized; MW 29,000; cyanogen bromide will split the protein into 2 fragments with MW 22,000 & 7,000

amauromine
(RN) 88360-87-6
(HM) *ALKALOIDS
(PA) VASODILATOR AGENTS
(NO) isolated from Amauroascus sp. 6237; MF: C32-H36-N4-O2

amaze see isofenphos

AMA-1080 see Ro 17-2301

AMA 1080 see Ro 17-2301

(L-Amb3)-AM toxin I see (2-amino-4-(4-methoxyphenyl)butanoic acid)-AM toxin I

Ambene
(RN) 84020-72-4
(SY) Trabit
(HM) *DEXAMETHASONE
(HM) *PHENYLBUTAZONE
(HM) *VITAMIN B 12
(HM) *AMINOPYRINE
(HM) *THIAMINE
(HM) DRUG COMBINATIONS
(PA) ANTI-INFLAMMATORY AGENTS
(NO) 2 vial sets containing dexamethasone, phenylbutazone, vitamin B 12, aminopyrine & thiamine; also available in suppositories & tablets; used for treatment of rheumatism

Amberlite IRC50
(RN) 9002-29-3
(HM) *ANION EXCHANGE RESINS

Amberlite XAD-2 resin
(RN) 9060-05-3
(SY) XAD-2 resin
(SY) copoly(styrene-divinylbenzene)
(SY) AR-1
(HM) *POLYSTYRENES
(II) RESINS, SYNTHETIC
(II) ION EXCHANGE RESINS
(NO) styrene-divinylbenzene copolymer

amberlite XAD 4 see XAD-4 resin

amberlite XAD-7 see amberlite XAD 7

amberlite XAD 7
(RN) 37380-43-1
(SY) XAD-7
(SY) amberlite XAD-7
(HM) *ACRYLIC RESINS
(HM) *POLYSTYRENES
(II) ANION EXCHANGE RESINS
(NO) non-ionic copoly(styrene-acrylic compound)

Ambersorb XE-344 resin
(RN) 67763-52-4
(HM) *RESINS, SYNTHETIC
(NO) resin produced by Rohm and Haas having adsorptive capability between the Amberlite XAD-4 resins and activated charcoal

ambicromil see probicromil

ambistamin see thonzylamine

ambodryl see bromodiphenhydramine

ambrosin
(RN) 509-93-3
(HM) *SESQUITERPENES
(PA) MOLLUSCACIDES
(PA) ANTINEOPLASTIC AGENTS
(NO) from Ambrosia maritime; structure

ambruticin
(RN) 58857-02-6
(RR) 67999-78-4 (Na salt)
(SY) W7783
(HM) PYRANS
(PA) ANTIBIOTICS, ANTIFUNGAL
(NO) cyclopropyl-polyene-pyran acid from Polyangium cellulosum var. fulvum; RN given refers to parent cpd; structure

AMBTD see 6-aminomethyl-3-methyl-4H-1,2,4-benzothiadiazine 1,1-dioxide

ambunol
(RN) 2226-97-3
(HM) *ETHANOLAMINES
(II) ANTIOXIDANTS
(NO) RN given refers to HCl; RN for parent cpd not in Chemline 5/84; structure given in first source

ambush see permethrin

cis-AMCHA
(RN) 1197-17-7
(RR) 701-54-2 (cpd with unspecified stereochemistry)
(SY) cis-4-aminomethylcyclohexane-1-carboxylic acid
(HM) *TRANEXAMIC ACID
(II) ISOMERISM
(NO) MeSH heading is for trans-isomer; RN given refers to cis-isomer; RN for cpd without isomeric designation not in Chemline 6/9/83

Am Chem 66-329 see ethephon

amcinonide
(RN) 51022-69-6
(SY) CL 34,699
(SY) triamcinolone 16,17-cyclopentylidenedioxy-21-acetate
(SY) cyclort
(HM) TRIAMCINOLONE/*analogs
(PA) ANTI-INFLAMMATORY AGENTS, TOPICAL
(NO) structure

AMDHPT see 6-acetyl-7-methyl-7,8-dihydropterin

Amdro
(RN) 67485-29-4
(SY) AC 217,300
(SY) AC-217300
(HM) *PYRIMIDINONES
(PA) INSECTICIDES
(NO) used as fire ant insecticide in southern USA; poorly absorbed by mammals & more than 95% is excreted unchanged in the feces

AME see methylamphotericin B

amedin
(RN) 25520-98-3
(RR) 6834-29-3 (HCl)
(RR) 41115-83-7 (HCl(S)-isomer)
(RR) 41115-82-6 (HCl(+-)-isomer)
(RR) 41115-79-1 (HCl(R)-isomer)
(RR) 35091-55-5 ((S)-isomer)
(RR) 35091-54-4 ((R)-isomer)
(SY) dimethylamainoethyl 2-cyclohexyl-2-hydroxy-2-phenyl acetate
(HM) *MANDELIC ACIDS
(PA) PARASYMPATHOLYTICS
(NO) acetylcholine antagonist; RN given refers to parent cpd without isomeric designation; structure

amelogenins
(HM) *DENTAL ENAMEL PROTEINS
(II) TOOTH GERM

AMEO see 17-acetoxy-18-methyl-4-estren-3-one

americium dioxide see americium oxide

americium nitrate
(RN) 25933-53-3
(RR) 56609-31-5 (241AM labeled-cpd)
(SY) americium (241)trinitrate
(HM) *AMERICIUM
(II) RADIONUCLIDE IMAGING
(NO) RN given refers to parent cpd

americium oxide
(RN) 12005-67-3
(RR) 23317-46-6 (241AM-labeled cpd)
(SY) americium dioxide
(HM) *AMERICIUM
(NO) RN given refers to parent cpd

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americium (241)trinitrate see americium nitrate

ameroid
(RN) 9005-93-0
(HM) *BIOCOMPATIBLE MATERIALS
(NO) hydroscopic material which expands over a period of a few weeks; used to fill (partially) a metal constrictor for gradual constriction of renal artery in dogs; no other information available

ametantrone see NSC 287513

amethystoidin A
(RN) 81126-70-7
(SY) 7,14,20-trihydroxykaur-16-ene-11,15-dione
(HM) *DITERPENES
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(NO) from Chinese drug Rabdosia amethystoides

ametryne
(RN) 834-12-8
(RR) 23633-00-3 (14C-labeled cpd)
(HM) *HERBICIDES, TRIAZINE
(NO) minor descriptor (72-83); on-line & Index Medicus search HERBICIDES, TRIAZINE (75-83) & HERBICIDES (72-74) & TRIAZINES (72-74); RN given refers to unlabeled cpd; structure

amezinium
(RN) 41658-78-0
(RR) 51410-15-2 (chloride)
(RR) 30578-37-1 (methyl sulfate)
(RR) 51480-53-6 (trifluoacetate[1:1] salt)
(SY) 4-amino-6-methoxy-1-phenylpyridazinium methylsulfate
(SY) LU 1631
(SY) Regulton
(HM) *PYRIDAZINES
(PA) SYMPATHOMIMETICS
(PA) MONOAMINE OXIDASE INHIBITORS
(NO) RN &N1 for parent cpd from 9th CI Form Index; structure in Negwer, 5th ed, #6252

amfenac
(RN) 51579-82-9
(RR) 61618-27-7 (mono-Na salt)
(SY) AHR 5850
(SY) 2-amino-3-benzoylphenylacetic acid.Na.H2O
(SY) amfenac sodium
(HM) *PHENYLACETATES
(PA) ANTI-INFLAMMATORY AGENTS
(NO) RN given refers to parent cpd; structure

amfenac sodium see amfenac

AMFMT see alpha-monofluoromethyl-4-tyrosine

AMFMTMe see alpha-monofluoromethyl-4-tyrosine methyl ester

amfonelic acid
(RN) 15180-02-6
(HM) *NAPHTHYRIDINES
(NO) CNS-stimulant; structure

AM1 glycoprotein see glycoprotein AM1

(L-Amh3)-AM toxin I see (2-amino-6-(4-methoxyphenyl)hexanoic acid)-AM toxin I

Amiben
(RN) 133-90-4
(RR) 28283-88-7 (Al salt)
(RR) 1954-81-0 (Na salt)
(RR) 1076-46-6 (NH4 salt)
(SY) chloramben
(HM) *CHLOROBENZOATES
(II) AIR POLLUTANTS, OCCUPATIONAL
(NO) RN given refers to parent cpd

amicarbalide diisethionate
(RN) 3671-72-5
(SY) diampron
(HM) *CARBANILIDES
(PA) TRYPANOCIDAL AGENTS
(PA) ANTIPROTOZOAL AGENTS
(NO) structure

amicetin
(RN) 17650-86-1
(HM) PYRIMIDINE NUCLEOSIDES
(PA) ANTIBIOTICS

amichlophene see clofexamide

amichloral see amicloral

amiclenomycin
(RN) 53696-70-1
(HM) AMINOBUTYRIC ACIDS
(PA) ANTIBIOTICS
(NO) antibiotic isolated from Streptomyces lavendulae subsp. amiclenomycini Okami; active against mycobacterium; activity reversed by biotin & desthiobiotin; structure

amicloral
(RN) 34398-83-9
(SY) SK&F 39186
(SY) amichloral
(HM) *POLYSACCHARIDES
(NO) veterinary feed additive

Amicon XM 50 see XM-50 Amicon

amicyanin see blue copper protein

amidantel
(RN) 49745-00-8
(RR) 69884-15-7 (mono-HCl)
(SY) N-(4-((1-dimethylamino)ethylidene)amino)phenyl)-2-methoxyacetamide.HCl
(SY) Bay d 8815
(HM) *PHENYLENEDIAMINES
(PA) ANTHELMINTICS
(NO) RN given refers to parent cpd; structure

amidase
(RN) EC 3.5.1.4
(RR) 9012-56-0 (CRN)
(SY) acylase
(SY) acylamidase
(HM) *AMIDOHYDROLASES

amidefrine see amidephrine

amidephrine
(RN) 3354-67-4
(RR) 58921-07-6 (mono-HCl(+-)-isomer)
(RR) 37571-84-9 ((+-)-isomer)
(RR) 29430-15-7 ((-)-isomer)
(RR) 25952-69-6 (mono-HCl(+)-isomer)
(RR) 25952-68-5 (mono-HCl(-)-isomer)
(SY) amidefrine
(SY) 3-(2-methylamino-1-hydroxyethyl) methanesulfonanilide
(HM) *ETHANOLAMINES
(PA) ADRENERGIC ALPHA RECEPTOR AGONISTS
(NO) RN given refers to parent cpd without isomeric designation; structure

amidephrine mesylate
(RN) 1421-68-7
(RR) 63031-50-5 ((+-)-isomer)
(HM) *ETHANOLAMINES
(PA) VASOCONSTRICTOR AGENTS
(PA) ADRENERGIC ALPHA RECEPTOR AGONISTS
(NO) RN given refers to cpd without isomeric designation; structure

amide synthetase
(RN) EC 1.5.99.-
(SY) peptide amide synthetase
(SY) alpha-amidation monooxygenase
(SY) peptidyl-glycine alpha-amidating monooxygenase
(HM) *AMINE OXIDOREDUCTASES
(NO) forms alpha-amide from C-terminal glycine precursor of peptide hormones by oxidation of hydrogen & spontaneous hydrolysis of resulting imino linkage

amidine penicillin HX
(RN) 64772-29-8
(SY) 6-N,N-1',6'-hexylene formamidinopenicillanic acid
(SY) Preparation HX
(HM) *PENICILLANIC ACIDS

N-amidino-3-amino-5-ethylisopropylamino- 6-chloropyrazine carboxamide
(SY) EIPA
(HM) AMILORIDE/*analogs

1-amidino-3-(3-chloro-4-cyanophenyl)urea see cloguanamil

1-N-amidino-1-N-demethyl-2-hydroxydestomycin A
(SY) NANDHDA
(HM) AMINOGLYCOSIDES
(PA) ANTIBIOTICS
(NO) isolated from Saccharopolyspora hirsuta; structure given in first source

N-amidinoglycine see glycocyamine

5-amidinoindole
(RN) 71889-75-3
(HM) *INDOLES

N-amidino-4-morpholinecarboxamidine see moroxydine

6'-amidino-2-naphthyl-4-guanidinobenzoate see FUT 175

8-m-amidinophenyldiazoamino-3-amino-5-methyl-6-phenylphenanthridinium chloride see isometamidium chloride

(p-amidinophenyl)methanesulfonyl fluoride see (4-amidinophenyl)methanesulfonyl fluoride

(4-amidinophenyl)methanesulfonyl fluoride
(RN) 71933-13-6
(SY) p-APMSF
(SY) (p-amidinophenyl)methanesulfonyl fluoride
(HM) *PHENYLMETHYLSULFONYL FLUORIDE/analogs
(PA) PROTEASE INHIBITORS

4-amidinophenylpyroracemic acid see amidinophenylpyruvic acid

amidinophenylpyruvic acid
(RN) 10290-63-8
(RR) 21084-44-6 (mono-HCl)
(RR) 26995-84-6 (di-HCl)
(SY) 4-APPA
(SY) 4-amidinophenylpyruvic acid
(SY) 4-amidinophenylpyroracemic acid
(HM) *PHENYLPYRUVIC ACIDS
(NO) RN given refers to parent cpd; structure

4-amidinophenylpyruvic acid see amidinophenylpyruvic acid

8-3-m-amidinophenyl-2-triazano-3-amino-5-ethyel-6-phenylphenanthridinium chloride see isometamidium chloride

D-6-(2-(3-amidinoureido)-2-phenylacetamido)-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo(3.2.0)heptane-2-carboxylic acid see BL-P1654

amidol see 2,4-diaminophenol

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amidoline
(RN) 21590-92-1
(SY) etomidoline
(SY) K-2680
(SY) K 2680
(HM) *INDOLES
(II) MUSCLE, SMOOTH/drug eff
(NO) has myolytic activity on extravascular smooth muscle

amidosulfonic acid see sulfamic acid

Amifer
(HM) *FERRIC COMPOUNDS
(HM) *6-AMINOCAPROIC ACID
(PA) HEMOSTATICS
(NO) contains ferric chloride and 6-aminocaproic acid; used as hemostatic agent

amiflamin
(RN) 77502-96-6
(RR) 55875-51-9 (di-HCl)
(RR) 77518-08-2 ((-)-isomer)
(RR) 77518-07-1 ((+)-isomer)
(SY) 4-dimethylamino-alpha,2-dimethylphenethylamine
(SY) FLA-336
(SY) FLA 336(+)
(SY) FLA 336
(SY) amiflamine
(HM) *PHENETHYLAMINES
(PA) MONOAMINE OXIDASE INHIBITORS
(NO) RN given refers to cpd with unspecified isomeric designation

amiflamine see amiflamin

amifloxacin see WIN 49375

amigluracil
(RN) 55696-52-1
(HM) URACIL/*analogs
(NO) amphatericin B antagonist; Russian drug; glucosamine salt of 4-(6)-methyluracil

amikacin 3'-phosphotransferase see kanamycin kinase

amikin
(SY) amikin (amino acid)
(HM) *AMINO ACIDS
(NO) USSR made amino acid agent, composition unknown; used for nitrous parenteral feeding; amikin in Chemline is synonym to amikacin sulfate

amikin (amino acid) see amikin

AMI-mixture
(HM) *PLANT EXTRACTS
(II) PLANTS, MEDICINAL
(II) MYOCARDIAL INFARCT/drug ther
(NO) Chinese medicine; consists of Astragalus membranaceus, Codonopsis pilosula, Polygonatum sibiricum, Salvia miltiorrhiza, Paeonia obovata & Curcuma aromatica

aminaftone
(RN) 14748-94-8
(SY) aminaphthone
(HM) *P-AMINOBENZOIC ACID/analogs
(PA) HEMOSTATICS

aminaphthone see aminaftone

amine fluoride
(RN) 6818-37-7
(SY) bis(hydroxyethylaminopropyl)-N-hydroxyethyloctadecylamine dihydrofluoride
(HM) *AMINES
(HM) *FLUORIDES
(II) DENTIFRICES
(NO) for prevention of dental caries

amine oxidase
(RN) EC 1.4.-
(SY) copper amine oxidase
(HM) *AMINE OXIDOREDUCTASES
(NO) found in plasma; acts on primary amines; not same as MAO; substrate amines may be replaced by specific amine

amine oxidase, mixed function
(RN) EC 1.5.-
(SY) mixed function amine oxidase
(HM) *AMINE OXIDOREDUCTASES
(NO) secondary amines oxidized to hydroxylamines, tertiary amines oxidized to R3NO

amineptin
(RN) 57574-09-1
(RR) 30272-08-3 (HCl)
(RR) 68946-01-0 (Na salt)
(SY) S 1694
(SY) 10,11-dihydrodibenzo(a,d)cyclohept-5-enyl-7-aminoheptanoic acid
(SY) amineptine
(SY) Survector
(HM) *DIBENZOCYCLOHEPTENES
(PA) PSYCHOTROPIC DRUGS
(PA) ANALEPTICS
(PA) ANTIDEPRESSIVE AGENTS, TRICYCLIC
(NO) used in treatment of neuroses with psychoasthenic, anxio-phobic & depressive manifestations; synonym S 1694 refers to HCl; structure

amineptine see amineptin

amine tetrazolium reductase
(RN) EC 1.4.-
(SY) tryptamine dehydrogenase
(SY) monoamine tetrazolium reductase
(SY) monoamine dehydrogenase
(HM) *AMINE OXIDOREDUCTASES
(NO) tetrazolium salts as hydrogen acceptors

2,4-D amine
(RN) 2008-39-1
(SY) 2,4 D amine
(SY) 2,4-dichlorophenoxyacetic acid dimethylamine
(HM) *2,4-DICHLOROPHENOXYACETIC ACID
(HM) *DIMETHYLAMINES
(PA) HERBICIDES
(NO) (1:1) combination of above cpds

2,4 D amine see 2,4-D amine

aminitrozole
(RN) 140-40-9
(RR) 81117-04-6 (mono-HF)
(SY) nithiamide
(HM) *THIAZOLES
(PA) ANTITRICHOMONAL AGENTS
(PA) ANTI-INFECTIVE AGENTS
(NO) RN given refers to parent cpd; structure

5-aminoacetamido-4,6-dimethyl-2-hydroxyisophthalic acid diethyl ester
(RN) 88526-45-8
(SY) ADHIAD
(HM) *PHTHALIC ACIDS
(PA) ANTI-ARRHYTHMIA AGENTS
(NO) structure given in first source

aminoacetone
(RN) 298-08-8
(RR) 7737-17-9 (HCl)
(HM) ACETONE/*analogs
(NO) RN given refers to parent cpd

aminoacetone synthase see glycine acetyltransferase

m-aminoacetophenone see 3-aminoacetophenone

p-aminoacetophenone see 4-aminoacetophenone

3'-aminoacetophenone see 3-aminoacetophenone

3-aminoacetophenone
(RN) 99-03-6
(SY) m-aminoacetophenone
(SY) 3'-aminoacetophenone
(SY) meta-aminoacetophenone
(HM) *ACETOPHENONES
(NO) structure

4-aminoacetophenone
(RN) 99-92-3
(SY) p-aminoacetophenone
(SY) para-aminoacetophenone
(HM) *ACETOPHENONES

2-amino-3-acetylamino-6-(4-fluorobenzylamino)pyridine
(SY) AAFBAP
(HM) *AMINOPYRIDINES
(NO) flupirtine acetylated metabolite; structure given in first source

amino acid acetyltransferase see amino-acid acetyltransferase

amino-acid acetyltransferase
(RN) EC 2.3.1.1
(RR) 9029-88-3 (CRN)
(SY) acetyl CoA glutamate N-acetyltransferase
(SY) amino acid acetyltransferase
(SY) N-acetylglutamate synthetase
(HM) *ACETYLTRANSFERASES

amino acid-beta-naphthylamide
(HM) *AMINO ACIDS

amino acid N-choloyltransferase see glycine N-choloyltransferase

D-amino acid malonyltransferase
(RN) EC 2.3.1.-
(SY) 1-aminocyclopropanecarboxylate malonyltransferase
(SY) D-ACC-malonyltransferase
(HM) *ACYLTRANSFERASES
(NO) from mung beans

L-amino acid oxidase
(RN) EC 1.4.3.2
(RR) 9000-89-9 (CRN)
(SY) tryptophandesaminase
(SY) L-amino acid-oxygen oxidoreductase (deaminating)
(SY) tryptophan deaminase
(SY) phenylalanine deaminase
(HM) *AMINO ACID OXIDOREDUCTASES

L-amino acid-oxygen oxidoreductase (deaminating) see L-amino acid oxidase

amino acid permease
(HM) *PERMEASES

amino acid receptor
(SY) receptor, amino acid
(SY) amino acid receptors
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) AMINO ACIDS

amino acid receptors see amino acid receptor

D-amino acid transaminase
(RN) EC 2.6.1.-
(HM) *AMINOTRANSFERASES
(NO) catalyzes the alpha,beta elimination of the (D)-isomer of beta-chloroalanine or other amino acids to yield pyruvate, chloride & ammonia

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9-aminoacridine propranolol
(RN) 60566-40-7
(SY) 9-AAP
(SY) 9-aminoacridylpropranolol
(HM) PROPRANOLOL/*analogs
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS
(NO) structure

9-aminoacridylpropranolol see 9-aminoacridine propranolol

7-amino-actinomycin D
(RN) 7240-37-1
(HM) DACTINOMYCIN/*analogs

aminoacylase 1 see aminoacylase I

aminoacyladenylates
(SY) aminoacyl-AMP
(HM) ADENOSINE MONOPHOSPHATE/*analogs

aminoacyl-AMP see aminoacyladenylates

aminoacylase see aminoacylase I

aminoacylase I
(RN) EC 3.5.1.14
(RR) 9012-37-7 (CRN)
(SY) ACYI
(SY) aminoacylase 1
(SY) aminoacylase
(SY) acylamino acid amidohydrolase
(SY) acylase I
(HM) *AMIDOHYDROLASES

aminoacylase II see aspartoacylase

aminoacyl-histidine dipeptidase
(RN) EC 3.4.13.3
(SY) carnosinase
(SY) homocarnosinase
(HM) *DIPEPTIDASES

aminoacyl-tRNA hydrolase
(RN) EC 3.1.1.29
(SY) peptidyl-tRNA hydrolase
(HM) *CARBOXYLIC ESTER HYDROLASES
(NO) substrate AMINO ACIDS may be replaced by PEPTIDES as appropriate

amino acyl-tRNA-protein transferase see tRNA-protein transferase, amino acyl

amino acyl tRNA transferase see tRNA-protein transferase, amino acyl

2-aminoadenine see 2,6-diaminopurine

2-aminoadenosine
(RN) 2096-10-8
(SY) 2,6-diaminopurine ribonucleoside
(HM) ADENOSINE/*analogs

2-aminoadipate aminotransferase
(RN) EC 2.6.1.39
(SY) alpha-aminoadipate aminotransferase
(HM) *AMINOTRANSFERASES

L-aminoadipate semialdehyde dehydrogenase
(RN) EC 1.2.1.31
(SY) alpha-aminoadipate reductase system
(HM) *ALDEHYDE OXIDOREDUCTASES

aminoadipic semialdehyde synthase
(RN) EC 1.5.1.-
(SY) AASA synthase
(HM) *SACCHAROPINE DEHYDROGENASES
(HM) *MULTIENZYME COMPLEXES
(NO) bifunctional enzyme with both lysine-ketoglutarate reductase (EC 1.5.1.8) & saccharopine dehydrogenase (EC 1.5.1.9) activities

5-(2-aminoadipyl)cysteine
(SY) delta-(L-alpha-aminoadipyl)-L-cysteine
(SY) 5-(2-AADI)Cys
(HM) *DIPEPTIDES

5-(2-aminoadipyl)cysteinylvaline
(RN) 21566-74-5
(RR) 32467-88-2 ((D-Val)-(S)-isomer)
(SY) AADCV
(SY) (L-alpha-aminoadipyl)-L-cysteinyl-D-valine
(SY) (alpha-aminoadipyl)-Cys-Val
(SY) (alpha-aminoadipyl)cysteinylvaline
(HM) *OLIGOPEPTIDES
(NO) tripeptide present in fermentations of Penicillium chrysogenum; RN given refers to ((L-Val)-(S))-isomer

3-aminoalanine see 2,3-diaminopropionic acid

amino alcohol kinase see ethanolamine kinase

6-aminoallopurinol riboside
(RN) 85426-74-0
(SY) 6-amino-1-beta-D-ribofuranosylpyrazolo(3,4-d) pyrimidin-4-one
(HM) *RIBONUCLEOSIDES
(HM) ALLOPURINOL/*analogs
(NO) structure given in first source

2-amino-6-allyl-5,6,7,8-tetrahydro-4H-thiazolo-(5,4-d) azepin-dihydrochloride see B-HT 920

amino-alpha-chlorohydrin see CL 88,236

4-amino-alpha((-((tert-butylamino)methyl)-3-chloro-5-(trifluoromethyl)benzyl alcohol see mabuterol

2-amino-6-O-(2-amino-2-deoxy-beta-D-glucopyranosyl)-2-deoxy-D-glucose see 2-amino-6-O-(2-amino-2-deoxy-glucopyranosyl)-2-deoxyglucose

2-amino-6-O-(2-amino-2-deoxy-glucopyranosyl)-2-deoxyglucose
(RN) 86126-02-5
(SY) 2-amino-6-O-(2-amino-2-deoxy-beta-D-glucopyranosyl)-2-deoxy-D-glucose
(SY) Bordetella pertussis endotoxin disaccharide
(SY) BPE disaccharide
(HM) *DISACCHARIDES
(II) ENDOTOXINS
(II) BORDETELLA PERTUSSIS
(II) LIPID A
(NO) major constituent of hydrophobic region of Bordetella pertussis endotoxin lipid A fragment

4-amino-6-((2-amino-1,6-dimethyl-4-pyrimidinyl)amino)-1-methylquinaldinium ion see quinapyramine

1-amino-3-amino-oxybutyric acid see canaline

19-amino-4-androstene-3,17-dione
(SY) 19-AADO
(HM) ANDROSTENEDIONE/*analogs
(PA) AROMATASE/antag
(NO) structure given in first source

2-aminoanthracene see 2-anthramine

2-aminoanthraquinone
(RN) 117-79-3
(RR) 25620-59-1 (cpd with unspecified locant for amino group)
(RR) 51673-82-6 (conjugate monoacid)
(RR) 59637-61-5 (ion(1-))
(HM) *ANTHRAQUINONES
(NO) RN given refers to cpd with specified locant for amino group

2-amino-4-arsonobutanoic acid
(RN) 86880-40-2
(HM) *AMINOBUTYRIC ACIDS
(HM) *ARSENIC

9-amino-3-azido-7-methoxyacridine
(HM) *AMINOACRIDINES
(II) AFFINITY LABELS

aminoazo-dye-binding protein A see Z protein

3-aminobenzamide
(RN) 3544-24-9
(SY) meta-aminobenzamide
(HM) *BENZAMIDES
(NO) inhibitor of poly ADP ribose synthetase

4-aminobenzamide
(RN) 2835-68-9
(SY) para-aminobenzamide
(HM) *P-AMINOBENZOIC ACID/analogs
(PA) RADIATION-SENSITIZING AGENTS

4-aminobenzamidine
(RN) 3858-83-1
(SY) para-aminobenzamidine
(HM) *BENZAMIDINES
(PA) TRYPSIN INHIBITORS
(NO) structure

m-aminobenzeneboronic acid see 3-aminobenzeneboronic acid

3-aminobenzeneboronic acid
(RN) 30418-59-8
(SY) meta-aminophenylboronic acid
(SY) aminophenylboronic acid
(SY) m-aminobenzeneboronic acid
(HM) *BORONIC ACIDS

4-aminobenzenediazonium ouabain
(RN) 83859-88-5
(SY) ABD-ouabain
(HM) *DIAZONIUM COMPOUNDS
(HM) OUABAIN/*analogs
(II) AFFINITY LABELS
(NO) RN from first source; RN given refers to (2R-(2alpha,6alpha,7beta))-isomer; RN for cpd without isomeric designation not in Chemline 11/83

4-aminobenzenesulfonamide see sulfanilamide

4-aminobenzenesulfonic acid see 4-sulfanilic acid

4-aminobenzenesulfonylaminomethane sulfonic acid triethanolamine see solupront

4-aminobenzhydrazide
(RN) 5351-17-7
(RR) 69101-62-8 (cpd with unspecified locants for amino group)
(SY) para-aminobenzhydrazide
(SY) p-aminobenzoic acid hydrazide
(HM) *ANILINE COMPOUNDS
(PA) ANALGESICS, ANTI-INFLAMMATORY
(NO) RN given refers to cpd with specified locants for amino group

p-aminobenzoic acid hydrazide see 4-aminobenzhydrazide

p-aminobenzoic acid synthase see PABA synthase

4-aminobenzoic acid synthase see PABA synthase

p-aminobenzoic acid synthetase see PABA synthase

4-aminobenzoic acid synthetase see PABA synthase

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4-aminobenzoic acid-N-xyloside
(RN) 27661-27-4
(RR) 72782-43-5 (Na salt)
(SY) para-aminobenzoic acid-N-D-xyloside
(SY) K 247
(SY) p-(xylosylamino)benzoic acid
(SY) sodium-4-aminobenzoic acid-N-xyloside
(SY) K-247
(HM) *P-AMINOBENZOIC ACID/analogs
(PA) ANTINEOPLASTIC AGENTS
(NO) K 247 refers to Na salt; RN given refers to (D)-isomer; RN for parent cpd without isomeric designatin not in Chemline 11/28/83

2-aminobenzoic acid see anthranilic acid

3-aminobenzoic acid
(RN) 99-05-8
(RR) 17264-94-7 (mono-Na salt)
(SY) meta-aminobenzoic acid
(HM) *AMINOBENZOIC ACIDS
(PA) POLY ADP RIBOSE POLYMERASE/antag
(NO) RN given refers to parent cpd

4-aminobenzonitrile
(RN) 873-74-5
(SY) para-aminobenzonitrile
(HM) *NITRILES
(PA) TRANQUILIZING AGENTS, MAJOR
(NO) structure given in first source

2-aminobenzonorbornene
(RN) 58742-04-4
(RR) 62624-26-4 ((exo, 1alpha,2alpha,4alpha)-isomer)
(SY) endo-2-aminobenzonorbornene
(SY) exo-2-aminobenzonorbornene
(HM) *NORBORNANES
(NO) RN given refers to (endo, 1alpha,2beta,4alpha)-isomer

3-aminobenzo-6,7-quinazoline-4-one see centazolone

1-aminobenzotriazole
(RN) 1614-12-6
(SY) 1-ABTZ
(HM) *TRIAZOLES

2-aminobenzoyl-Ala-Gly-Leu-Ala-4-nitrobenzylamide see 2-aminobenzoylalanyl-glycyl-leucyl-alanyl-4-nitrobenzylamide

2-aminobenzoylalanyl-glycyl-leucyl-alanyl-4-nitrobenzylamide
(SY) 2-aminobenzoyl-Ala-Gly-Leu-Ala-4-nitrobenzylamide
(SY) AAGLAN
(HM) *OLIGOPEPTIDES
(II) FLUORESCENT DYES
(NO) fluorogenic protease substrate

p-aminobenzoylglutamic acid see 4-aminobenzoylglutamic acid

4-aminobenzoylglutamic acid
(RN) 4271-30-1
(RR) 5959-18-2 ((D)-isomer)
(RR) 2002-09-7 ((L)-isomer ion)
(SY) PABGA
(SY) glutamyl-p-aminobenzoic acid
(SY) p-aminobenzoylglutamic acid
(SY) para-aminobenzoylglutamic acid
(HM) *GLUTAMATES
(NO) RN given refers to (L)-isomer

o-aminobenzoylglycine see 2-aminohippuric acid

2-aminobenzoylglycyl-4-nitrophenylalanyl- proline
(SY) 4-nitrophenylalanyl-prolyl-2-aminohippuric acid
(SY) 2-ABZ-Gly-4-NO2-Phe-Pro
(HM) *OLIGOPEPTIDES

2-amino-3-benzoylphenylacetic acid.Na.H2O see amfenac

4-aminobenzoyl-2-phenylenediamine see Goe 1734

4-aminobenzoyl-poly-gamma-glutamate
(RN) 76567-21-0
(SY) para-aminobenzoylpoly-gamma-glutamic acid
(SY) PABPGGA
(HM) *POLYGLUTAMIC ACID/analogs
(NO) cleavage product of naturally occurring folates

4-aminobenzoyl-streptokinase-(Lys)-plasminogen complex see BRL 33575

4-aminobenzylcarazolol
(RN) 82408-63-7
(SY) para-aminobenzylcarazolol
(HM) *PROPANOLAMINES
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS
(NO) RN given refers to (+-)-isomer; RN for cpd without isomeric designation not in Chemline 4/85

1-(4-aminobenzyl)isoquinoline
(RN) 42398-69-6
(HM) PAPAVERINE/*analogs
(PA) PHOSPHODIESTERASE INHIBITORS

2-amino-beta-alanine see 2,3-diaminopropionic acid

N-(5-amino-1-beta-D-ribofuranosylimidazole-4-carbonyl)-L-aspartic acid 5'-phosphate see SAICAR

5-amino-3-beta-D-ribofuranosyl-3H-imidazo(4,5-d)(1,3)oxazin-7-one see oxanosine

2-amino-9-beta-D-ribofuranosyl-9H-purine-6-thiol see 6-thioguanosine

6-amino-1-beta-D-ribofuranosylpyrazolo(3,4-d)pyrimidin-4-one see 6-aminoallopurinol riboside

2-aminobicyclo(2,2,1)heptane-2-carboxylic acid
(RN) 20448-79-7
(RR) 72756-76-4 (11C-labeled cpd)
(RR) 55056-86-5 ((exo)-isomer)
(RR) 39669-35-7 ((endo)-isomer)
(RR) 35719-58-5 ((1S-exo)-isomer)
(RR) 35719-57-4 ((1R-exo)-isomer)
(RR) 34270-17-2 ((1R-endo)-isomer)
(RR) 34270-16-1 ((1S-endo)-isomer)
(RR) 20448-81-1 (endo-(+-)-isomer)
(RR) 20448-80-0 (exo-(+-)-isomer)
(SY) 2-aminonorbornane-2-carboxylic acid
(SY) b-BCH
(SY) 2-amino-2-carboxy-bicyclo-2,2,1-heptane
(HM) *AMINO ACIDS
(NO) amino acid analog; releases insulin; RN given refers to unlabeled cpd without isomeric designation

3-aminobicyclo(3.2.1)octane-3-carboxylic acid
(RN) 55011-70-6
(RR) 78549-71-0 ((1R-endo)-isomer)
(RR) 81639-48-7 ((endo)-isomer)
(RR) 81639-49-8 ((exo)-isomer)
(SY) 3-ABOC
(HM) *AMINO ACIDS
(II) BIOLOGICAL TRANSPORT
(NO) RN given refers to cpd without isomeric designation; structure given in first source

o-aminobiphenyl see 2-aminodiphenyl

4-aminobiphenyl N-hydroxylase
(RN) EC 1.14.13.-
(SY) 4-ABP N-hydroxylase
(HM) *HYDROXYLASES
(NO) requires NADPH

4-aminobiphenyl see 4-biphenylamine

2-(2-amino-5-bromobenzoyl)pyridine
(RN) 1563-56-0
(SY) ABBP
(HM) *PYRIDINES
(NO) urinary metabolite of bromazepam; structure given in first source

2-amino-5-bromo-6-(2-fluorophenyl)-4(3H) pyrimidinone
(RN) 74602-56-5
(SY) ABOFPP
(HM) CYTOSINE/*analogs
(PA) ANTINEOPLASTIC AGENTS
(NO) structure given in first source

2-amino-5-bromo-6-(3-fluorophenyl)-4(3H) pyrimidinone
(RN) 74602-59-8
(SY) ABMFPP
(HM) CYTOSINE/*analogs
(PA) ANTINEOPLASTIC AGENTS
(NO) structure given in first source

2-amino-5-bromo-6-methyl-4-pyrimidinol see U 25 166

2-amino-5-bromo-6-phenyl-4-pyrimidinone
(RN) 56741-95-8
(SY) ABPP
(HM) CYTOSINE/*analogs
(PA) INTERFERON INDUCERS
(PA) ANTINEOPLASTIC AGENTS

4-amino-1-(6-bromopyrid-2-yl)piperidine HCl see CM 57373

4-amino-5-bromopyrrolo(2,3-d)pyrimidine
(SY) 4-ABPP
(HM) ADENINE/*analogs
(PA) ADENOSINE KINASE/antag
(NO) from sponge of the genus Echinodictyum; structure given in first source

6-amino-5-bromouracil
(RN) 6312-73-8
(HM) BROMOURACIL/*analogs
(PA) THYMIDINE PHOSPHORYLASE/antag

4-amino-2-(4-butanoylhexahydro-1H-1,4-diazepin-1-yl)-6,7-dimethoxyquinazoline HCl see E-643

5-(4'-aminobuty)-2,4-diketothiazolidine
(SY) ABDKT
(HM) *THIAZOLES
(PA) ANTIFIBRINOLYTIC AGENTS

S-(2-((4-aminobutyl)amino)ethyl)phosphorothioate see WR 2822

5-(4-aminobutylaminomethyl)uracil see alpha-putrescinylthymine

N-(4-aminobutyl)-5-chloro-2-naphthalenesulfonamide
(RN) 81705-04-6
(SY) W13
(HM) *SULFONAMIDES
(PA) CALMODULIN/antag
(NO) calmodulin antagonist; structure given in first source

aminobutylethylisoluminol succinyl cyclic AMP
(RN) 87619-74-7
(SY) ABEI-SCAMP
(HM) ADENOSINE CYCLIC MONOPHOSPHATE/*analogs
(II) LUMINESCENCE
(NO) chemiluminescent cyclic AMP derivative

N(6)-(4-aminobutyl)lysine see deoxyhypusine

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4-aminobutyraldehyde
(RN) 4390-05-0
(HM) *ALDEHYDES

4-aminobutyric acid methyl ester
(RN) 3251-07-8
(RR) 13031-60-2 (HCl)
(SY) gamma-aminobutyric acid methyl ester
(SY) GABA methyl ester
(SY) methyl GABA
(HM) GABA/*analogs
(NO) RN given refers to parent cpd

2-aminobutyric acid see butyrine

aminobutyryl muramyl dipeptide see N-acetylmuramyl-aminobutyryl-isoglutamine

3'-amino-5-BVDU see 5-(2-bromovinyl)-3-amino-2',3'-dideoxyuridine

aminocaprolactam racemase
(RN) EC 5.1.1.-
(SY) alpha-amino-epsilon-caprolactam racemase
(HM) *AMINO ACID ISOMERASES

aminocarb
(RN) 2032-59-9
(SY) matacil
(SY) 4-dimethylamino-3-tolyl-N-methylcarbamate
(HM) *CARBAMATES
(PA) INSECTICIDES, CARBAMATE
(NO) structure

N(6)-(aminocarbonyl)-L-lysine see homocitrulline

3-(aminocarbonyl)-1-methylpyridinium see N(1)-methylnicotinamide

1-(((4-(aminocarbonyl)pyridino)methoxy)methyl)-2-((hydroxyimino)methyl)pyridinium dichloride see HI-6

4-amino-5-carboxamido-7-(D-ribofuranosyl)-pyrrolo-(2,3-d)pyrimidine see sangivamycin

2-amino-2-carboxy-bicyclo-2,2,1-heptane see 2-aminobicyclo(2,2,1)heptane-2-carboxylic acid

D-4-amino-4-carboxybutyl penicillanic acid see penicillin N

N-(2-amino-2-carboxyethyl)histidine see histidinoalanine

S-(2-amino-2-carboxyethylsulfoxyl)-L-cysteine see cystine disulfoxide

(2-amino-2-carboxymethyl)-L-oxamic acid see oxalyldiaminopropionic acid

aminocarboxymuconate-semialdehyde decarboxylase
(RN) EC 4.1.1.45
(RR) 37289-47-7 (CRN)
(SY) picolinate carboxylase
(HM) *CARBOXY-LYASES

5-amino-2-carboxy-4-oxo-1,4,5,6-tetrahydropyridine-3-acetic acid see gostatin

5-amino-5-carboxypentyltrimethylammonium see laminine

3-(3-amino-3-carboxypropyl)-N(6)-delta(2)-isopentenyl-adenine see discadenine

3-(3-amino-3-carboxypropyl)uridine
(RN) 52745-94-5
(SY) nucleoside X
(HM) URIDINE/*analogs
(NO) biosynthesized in E coli by novel enzyme which transfers 3-amino-3-carboxypropyl group into tRNA; enzyme requires S-adenosylmethione as donor cpd; structure

5-amino-5-carboxyvaleramido-(5-formyl-4-carboxy-2H,3H,6H-tetrahydro-1,3-thiazinyl)glycine see cephalosporate C-2

7-aminocephalosporanic acid
(RN) 957-68-6
(HM) *CEPHALOSPORINS
(NO) structure in Merck Index, 9th ed, #438

4-amino-2-chlorobenzoic acid see 2-chloro-4-aminobenzoic acid

2-amino-6-(p-chlorobenzyl)-4H-5,6,7,8- tetrahydrothiazolo (5,4-d)azepine see B-HT 958

2-amino-3-chlorobutyric acid see alpha-amino-beta-chlorobutyrate

3-amino-6-chloro-3-(2-chlorophenyl)-1-methylquinolin-2-one see aminoquinolone

2-amino-6-chloro-1-deazapurine
(SY) 2-ACDP
(HM) 2-AMINOPURINE/*analogs
(PA) ANTINEOPLASTIC AGENTS

6-amino-7-chloro-5,8-dioxoquinoline
(RN) 18892-39-2
(SY) 5,8-dioxo-6-amino-7-chloroquinoline
(HM) *AMINOQUINOLINES
(NO) quinone structure important in this cpd; structure

2-amino-3-(2-chloroethyl)tetrahydro-2H-1, 3,2-oxazophosphorine-2-oxide
(RN) 83802-22-6
(RR) 83802-21-5 ((R)-isomer)
(HM) IFOSFAMIDE/*analogs
(NO) RN given refers to (S)-isomer from first source; RN for cpd without isomeric designation not in Chemline 7/29/83

4-amino-5-chloro-N-(1-(3-(4-fluorophenoxy)propyl)-3-methoxy-4-piperidinyl)-2-methoxybenzamide monohydrate see R 51619

9-amino-6-chloro-2-methoxyacridine
(RN) 3548-09-2
(SY) 9-amino-2-methoxy-6-chloroacridine
(HM) *AMINOACRIDINES
(II) FLUORESCENT DYES

N-(4-amino-5-chloro-2-methoxyphenyl)-1-(phenylmethyl)-4-piperidinecarboxamide see BRL 20596

4-amino-3-chloro-2-pentenedioic acid
(SY) 2-amino-3-chloro-3-pentenedioic
(SY) 3-ACPA
(HM) GLUTAMATES
(PA) ANTIBIOTICS
(NO) from Streptomyces viridogenes; activity limited to Micrococcus luteus; structure given in first source

2-amino-3-chloro-3-pentenedioic see 4-amino-3-chloro-2-pentenedioic acid

2-amino-4-chlorophenol
(RN) 95-85-2
(SY) 4-chloro-2-aminophenol
(HM) *CHLOROPHENOLS
(NO) causes contact dermititis

2-amino-2-(o-chlorophenyl)cyclohexanone see norketamine

3-amino-1-chloropropan-2-ol see CL 88,236

2-amino-6-chloropurine
(RN) 10310-21-1
(HM) 2-AMINOPURINE/*analogs
(PA) ANTINEOPLASTIC AGENTS

22-aminocholesterol
(RN) 50921-65-8
(HM) CHOLESTEROL/*analogs
(NO) structure

6-aminochrysine see 6-chrysenamine

7-aminoclonazepam
(RN) 4959-17-5
(SY) 7-ACLZ
(HM) *CLONAZEPAM/analogs

p-aminoclonidine see 4-aminoclonidine

4-aminoclonidine
(RN) 66711-21-5
(SY) p-aminoclonidine
(SY) para-aminoclonidine
(HM) CLONIDINE/*analogs
(PA) ADRENERGIC ALPHA RECEPTOR AGONISTS

aminocyclitol acetyltransferase see aminoglycoside acetyltransferase

aminocyclitol adenylyltransferase see tobramycin adenylyltransferase

aminocyclitol phosphotransferase see kanamycin kinase

1-aminocyclobutanecarboxylic acid
(RN) 22264-50-2
(RR) 68141-39-9 (14C-labeled cpd)
(RR) 67550-32-7 (11C-labeled cpd)
(HM) *AMINO ACIDS
(NO) RN given refers to unlabeled cpd

6-(D-2-amino-2-(1,4-cyclohexadien-1-yl)acetamido-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo(3.2.0)heptane-2-carboxylic acid see epicillin

7-(D-2-amino-2-(1,4-cyclohexadienyl)acetamido)-3-methoxy-3-cephem-4-carboxylic acid see CGP 9000

1-aminocyclohexanecarboxylic acid
(RN) 2756-85-6
(RR) 68141-40-2 (14C-labeled cpd)
(HM) *AMINO ACIDS
(HM) *CYCLOHEXANECARBOXYLIC ACIDS
(NO) RN given refers to parent cpd

cis-3-aminocyclohexanecarboxylic acid see 3-aminocyclohexanecarboxylic acid

3-aminocyclohexanecarboxylic acid
(RN) 38541-66-1
(RR) 57043-02-4 ((trans-(+-))-isomer)
(RR) 34583-99-8 ((trans)-isomer)
(RR) 16636-51-4 ((cis)-isomer)
(SY) cis-ACHA
(SY) cis-3-aminocyclohexanecarboxylic acid
(HM) *AMINO ACIDS
(HM) *CYCLOHEXANECARBOXYLIC ACIDS
(NO) GABA analog; RN given refers to cis-(+-)-isomer; RN for cpd without isomeric designation not in Chemline 6/15/83; structure

4-aminocyclohexanecarboxylic acid
(RN) 57043-03-5
(RR) 66762-20-7 ((trans-(+-))-isomer)
(RR) 3685-25-4 ((trans)-isomer)
(RR) 3685-23-2 ((cis)-isomer)
(HM) *CYCLOHEXANECARBOXYLIC ACIDS
(HM) *AMINO ACIDS
(NO) RN for cpd without isomeric designation not in Chemline 12/6/82

(1L)-1,3,5/2,4,5-aminocyclohexanetetrol see S-11-P

3-aminocyclohex-1,5-dienylcarboxylic acid see isogabaculine

(4-amino-N-(1-cyclohexyl-3-pyrrolidinyl)-N- methyl) benzamide.fumarate see votracon

cis-1-amino-1,3-cyclopentanecarboxylic acid see 1-amino-1,3-dicarboxycyclopentane

1-aminocyclopropanecarboxylate malonyltransferase see D-amino acid malonyltransferase

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1-aminocyclopropanecarboxylate synthase
(RN) EC 4.4.-
(SY) ACPCA synthase
(HM) *LYASES
(NO) pyridoxal phosphate-dependent

1-aminocyclopropane-1-carboxylic acid
(RN) 22059-21-8
(RR) 68141-43-5 (14C-labeled cpd)
(RR) 68781-13-5 (HCl)
(HM) *AMINO ACIDS
(NO) RN given refers to parent cpd

1-aminocyclopropanol
(RN) 54376-44-2
(RR) 58939-46-1 (HCl)
(HM) *CYCLOPROPANES
(NO) hydrolysis product of coprine; RN given refers to parent cpd

4-amino-2-(S-cysteinyl)butyric acid
(RN) 88725-33-1
(SY) ACBA
(HM) *DIPEPTIDES
(NO) from urine of patients with maple syrup urine disease

N(4)-aminocytidine
(RN) 57294-74-3
(HM) CYTIDINE/*analogs
(PA) MUTAGENS

7-aminodesacetoxycephalosporanic acid see 7-aminodesacetoxycephalosporanic acid

N-aminodeanol see N-amino-N,N-dimethylaminoethanol

2-amino-delta(2)-thiazoline-4- carboxylate hydrolase
(RN) EC 3.5.4.-
(SY) ATC hydrolase
(HM) *HYDROLASES
(NO) an iminohydrolase forming S-carbamoyl-L-cysteine

3-amino-3-demethoxyfortimicin A
(RN) 87713-59-5
(SY) 3-ADFA
(HM) AMINOGLYCOSIDES
(PA) ANTIBIOTICS
(NO) synthetic antibiotic; structure given in first source

2-amino-3-O-demethyl-2-deoxyfortimicin A
(RN) 87760-38-1
(SY) 2-ADDFA
(HM) AMINOGLYCOSIDES
(PA) ANTIBIOTICS
(NO) synthetic antibiotic; structure given in first source

3-amino-4-deoxo-4-imino-3,4-imidazolinyl-(1H)-(2-spiro(4-piperidyl))rifamycin S see spiro-piperidyl-rifamycins

2'-amino-2'-deoxyadenosine
(RN) 10414-81-0
(HM) DEOXYADENOSINE/*analogs
(PA) ANTIVIRAL AGENTS
(PA) ANTIBIOTICS

3'-amino-3'-deoxyadenosine
(RN) 2504-55-4
(HM) DEOXYADENOSINE/*analogs

(N-2-amino-2-deoxy-alpha,beta-D-glucopyranose salicylaldimino)Cu(II) see (N-2-amino-2-deoxyglucose salicylaldimino)Copper II

4-amino-4-deoxyarabinose
(RN) 33406-49-4
(RR) 86288-09-7 ((D)-isomer)
(HM) *AMINO SUGARS
(NO) RN given refers to cpd without isomeric designation

4-amino-7-(2-deoxy-beta-D-ribofuranosyl)pyrrolo(2,3-d) pyrimidine-5-carboxamide see 2'-deoxysangivamycin

4-amino-7-(3-deoxy-beta-D-ribofuranosyl)pyrrolo(2,3-d) pyrimidine-5-carboxamide see 3'-deoxysangivamycin

2-amino-2-deoxyglucitol
(RN) 14307-03-0
(SY) glucosaminitol
(SY) 2-amino-2-deoxy-D-glucitol
(HM) GLUCOSAMINE/*analogs
(NO) RN given refers to (D)-isomer; cpd without isomeric designation not in Chemline 12/7/82

2-amino-2-deoxy-D-glucitol see 2-amino-2-deoxyglucitol

aminodeoxygluconate dehydratase
(RN) EC 4.2.1.26
(SY) D-glucosaminate dehydratase
(HM) *HYDRO-LYASES

5-amino-5-deoxygluconic acid delta-lactam
(RN) 14904-83-7
(RR) 19131-01-2 (idonic acid stereoisomer)
(SY) glucono-delta-lactam
(SY) 5-amino-5-deoxy-D-gluconic acid delta-lactam
(SY) 3,4,5-trihydroxy-6-(hydroxymethyl)-2-piperidone
(HM) *PIPERIDONES
(PA) ALPHA-GLUCOSIDASES/antag
(NO) RN given refers to (D)-isomer; RN for cpd without isomeric designation not in Chemline 7/83; structure given in first source

5-amino-5-deoxy-D-gluconic acid delta-lactam see 5-amino-5-deoxygluconic acid delta-lactam

(N-2-amino-2-deoxyglucose salicylaldimino)Copper II
(SY) (N-2-amino-2-deoxy-alpha,beta-D-glucopyranose salicylaldimino)Cu(II)
(SY) ADGSAC
(HM) *ORGANOMETALLIC COMPOUNDS
(HM) *COPPER
(PA) ANTI-INFLAMMATORY AGENTS
(NO) structure given in first source

3-amino-3-deoxyglucose see kanosamine

3'-amino-3'-deoxyguanosine
(HM) DEOXYGUANOSINE/*analogs

aminodeoxykanamycin see bekanamycin

5-amino-5-deoxy-D-mannopyranose see 5-amino-5-deoxymannopyranoside

5-amino-5-deoxymannopyranoside
(SY) ADMP
(SY) 5-amino-5-deoxy-D-mannopyranose
(HM) MANNOSE/*analogs

2-amino-2-deoxymannose see mannosamine

2-amino-2-deoxy-N'-methyl-N'-nitrosoureido-1,3,4,6-tetra-O-acetylmannopyranose
(SY) MAZ sugar
(HM) *NITROSOUREA COMPOUNDS
(PA) ANTINEOPLASTIC AGENTS
(NO) structure given in first source

4-amino-4-deoxy-N-10-methylpteroic acid
(RN) 19741-14-1
(RR) 70844-48-3 (HCl[2:1])
(SY) 2,4-diamino-N(10)-methylpteroic acid
(SY) 4-deoxy-4-amino-N(10)-methylpteroic acid
(HM) METHOTREXATE/*analogs
(NO) carboxypeptidase cleavage product of methotrexate (minus glutamic acid); RN given refers to parent cpd; structure

4-amino-4-deoxy-N-10-methylpteroyl-homocysteic acid see methotrexate-homocysteic acid

3'-amino-3'-deoxythymidine see 3'-aminothymidine

5'-amino-5'-deoxythymidine
(RN) 25152-20-9
(RR) 67883-75-4 (monoacetate)
(RR) 67883-74-3 (mono-HCl)
(SY) 5'-amino-2',5'-dideoxythymidine
(SY) 5-ADDOT
(HM) THYMIDINE/*analogs
(NO) RN given refers to parent cpd

5'-amino-5'-deoxyuridine 2'(3')-phosphate-sepharose
(SY) AD-UMP-sepharose
(HM) SEPHAROSE/*analogs

7-aminodesacetoxycephalosporanic acid
(RN) 22252-43-3
(SY) 7-desacetoxyaminocephalosporanic acid
(SY) 7-aminodeacetoxycephalosporanic acid
(HM) *CEPHALOSPORINS

1-amino-1,3-dicarboxycyclopentane
(RN) 56827-69-1
(RR) 67684-64-4 ((trans)-isomer)
(RR) 39026-64-7 ((cis)-(+-)-isomer)
(RR) 39026-63-6 ((trans)-(+-)-isomer)
(SY) cis-1-amino-1,3-cyclopentanecarboxylic acid
(SY) cis-ADCP
(HM) *CYCLOLEUCINE/analogs
(II) NEUROTOXINS
(NO) RN given refers to (cis)-isomer; RN for cpd without isomeric designation not in Chemline 7/29/83

4-amino-3-(2,6-dichlorobenzylidenehydrazino)-1,2,4- triazole see FLA 136

2-(6-amino-2,4-dichlorophenoxy) phenylacetic acid
(RN) 93565-99-2
(HM) *PHENYLACETATES
(PA) ANTI-INFLAMMATORY AGENTS
(NO) RN & structure given in first source; RN not in Chemline 3/85

3'-amino-2',3'-dideoxycytidine
(RN) 84472-90-2
(HM) DEOXYCYTIDINE/*analogs
(PA) ANTINEOPLASTIC AGENTS

5-amino-1,5-dideoxy-D-glucitol see deoxynojirimycin

5'-amino-2',5'-dideoxythymidine see 5'-amino-5'-deoxythymidine

2-amino-5-diethylaminotoluol see CD-2

4-amino-N,N-diethylaniline sulfate see N,N-diethyl 4-phenylenediamine

3-amino-1,5-dihydro-5-methyl-1-beta-D-ribofuranosyl-1, 4,5,6,8- pentaazacenaphthylene see NSC-154020

2-amino-3,4-dihydro-4-oxo-7-beta-ribofuranosyl-7H-pyrrolo(2,3-d)pyrimidine-5-carboxylic acid see cadeguomycin

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2-amino-6,7-dihydroxy-2-aminotetralin see 2-amino-2-methyl-6,7-dihydroxy-1,2,3,4-tetrahydronaphthalene

6-amino-1,3-dihydroxybenzocycloheptene
(RN) 87615-44-9
(SY) 6-ADBCH
(HM) *BENZOCYCLOHEPTENES
(NO) RN & structure given in first source; RN not in Chemline 3/84

2-amino-6,7-dihydroxybenzonorbornene
(RN) 83541-82-6
(SY) 2-DHBB
(HM) *NORBORNANES
(NO) structure given in first source

2-amino-4,6-dihydroxyindan
(RN) 87615-48-3
(SY) 2-ADHI
(HM) *INDANS
(NO) RN & structure given in first source; RN not in Chemline 3/84

6-amino-2,8-dihydroxypurine see 2,8-dihydroxyadenine

2-amino-5,6-dihydroxy-1,2,3,4-tetrahydronaphthalene see 2-amino-5,6-dihydroxytetralin

2-amino-6,7-dihydroxy-1,2,3,4-tetrahydronaphthalene see ADTN

2-amino-5,6-dihydroxytetralin
(RN) 21489-74-7
(RR) 37096-30-3 (HBr)
(RR) 73304-34-4 (HBr(+-)-isomer)
(RR) 72054-93-0 ((+-)-isomer)
(RR) 55218-10-5 (HCl)
(SY) 2-amino-5,6-dihydroxy-1,2,3,4-tetrahydronaphthalene
(SY) 5,6-ADTN
(HM) *TETRAHYDRONAPHTHALENES
(NO) dopamine agonist; RN given refers to parent cpd without isomeric designation; structure

2-amino-6,7-dihydroxytetralin see ADTN

4-amino-6,7-dimethoxy-2-(4-(5-(4-azido-3-iodophenyl) pentanoyl-1-piperazinyl)quinazoline see 4-amino-6,7-dimethoxy-2-(4-(5-(3-iodo-4-azidophenyl) pentanoyl)-1-piperazinyl)quinazoline

4-amino-6,7-dimethoxy-2-(4'-(5"-(3"'-((125)I-iodo-4' "-aminophenyl)pentanoyl)-1'-piperazinyl)quinazoline see A 55453

4-amino-6,7-dimethoxy-2-(4-(5-(3-iodo-4- azidophenyl)pentanoyl)-1-piperazinyl) quinazoline
(RN) 87620-10-8
(SY) 4-APDQ
(SY) 4-amino-6,7-dimethoxy-2-(4-(5-(4-azido-3-iodophenyl)pentanoyl-1-piperazinyl)quinazoline
(HM) *AZIDES
(II) AFFINITY LABELS

2-amino-1-(2,5-dimethoxy-4-methylphenyl)butane see dimoxamine

4-amino-6,7-dimethoxy-2-4-(5-methylthio-1,3,4-oxadiazole-2-carbonyl)piperazin-1-yl quinazoline see tiodazosin

3-amino-5-dimethylamino-6-chloro-N-(diaminomethylene) pyrazinecarboxamide see 5-dimethylamiloride

N-amino-N,N-dimethylaminoethanol
(RN) 44519-37-1
(SY) N-aminodeanol
(HM) CHOLINE/*analogs
(PA) NEUROREGULATORS
(NO) structure given in first source

5-amino-2-(2-dimethylaminoethyl)benzo(de)isoquinolin-1,3-dione see MFA 142

(2-amino-5,6-dimethylbenzimidazolyl) cobamide
(RN) 90654-06-1
(SY) ADB-cobamide
(HM) *COBAMIDES
(NO) structure given in first source

2-amino-N-(1,1-dimethylhexyl)acetamide see A 643C

2-amino-3,4-dimethylimidazo(4,5-f) quinoline
(RN) 77094-11-2
(SY) Me-IQ
(HM) *QUINOLINES
(PA) MUTAGENS
(NO) strong mutagens found in broiled food; structure given in first source

2-amino-3,8-dimethylimidazo(4,5-f) quinoxaline
(RN) 77500-04-0
(SY) Me-IQX
(HM) *QUINOXALINES
(PA) MUTAGENS
(NO) strong mutagen found in broiled foods; structure given in first source

3-amino-1,4-dimethyl-5H-pyrido(4,3-b)indole see Trp-P-1

2-amino-4,6-dinitrophenol see picramic acid

2-amino-4,6-dinitrotoluene
(RN) 35572-78-2
(SY) 2-methyl-3,5-dinitroaniline
(HM) *ANILINE COMPOUNDS

4-amino-2,6-dinitrotoluene
(RN) 19406-51-0
(SY) 4-methyl-3,5-dinitroaniline
(HM) *ANILINE COMPOUNDS

16-aminodinoprost methyl ester see 16-aminoprostaglandin F2alpha methyl ester

p-aminodiphenylamine see 4-aminodiphenylamine

4-aminodiphenylamine
(RN) 101-54-2
(RR) 71005-33-9 (sulfate)
(RR) 4698-29-7 (sulfate [2:1])
(RR) 2198-59-6 (mono-HCl)
(SY) p-aminodiphenylamine
(SY) para-aminodiphenylamine
(SY) semidine
(SY) N-phenyl-p-phenylenediamine
(HM) *PHENYLENEDIAMINES
(II) HAIR DYES
(NO) RN given refers to parent cpd

N-aminodiphenylhydantoin
(RN) 1224-08-4
(HM) PHENYTOIN/*analogs
(PA) ANTICONVULSANTS

2-amino-4,5-diphenylthiazole see Bax 439

2-aminodiphenyl
(RN) 90-41-5
(SY) o-aminobiphenyl
(SY) ortho-aminodiphenyl
(HM) *AMINOBIPHENYL COMPOUNDS

2-aminodipyridoimidazole see Glu-P-2

2-aminodipyrido(1,2-a-3',2'-d)imidazole see Glu-P-2

aminodisaccharide glycoside see methyl-2,4-diamino-2,4-dideoxy-6-O-(2,6-diamino-2,6-dideoxy-alpha-D-glucopyranosyl)-beta-D-glucopyranoside

12-aminododecanoic acid
(RN) 693-57-2
(RR) 22543-30-2 (HCl)
(SY) 12-aminolauric acid
(HM) *LAURIC ACIDS
(NO) RN given refers to parent cpd; structure given in first source

6-aminodopamine
(RN) 38411-80-2
(RR) 57412-38-1 (di-HBr)
(RR) 54749-74-5 (mono-HCl)
(RR) 53661-50-0 (mono-HBr)
(RR) 42241-07-6 (di-HCl)
(HM) DOPAMINE/*analogs
(NO) cytotoxic agent; RN given refers to parent cpd; structure

9-aminoellipticine
(RN) 54779-53-2
(HM) *ELLIPTICINES
(PA) ANTINEOPLASTIC AGENTS
(NO) structure in first source

aminoenkephalinase see enkeohalin degrading enzyme

10-amino-4-estrene-3,17-dione
(RN) 89578-47-2
(SY) 19-azaandrostenedione
(HM) *ESTRENES
(PA) AROMATASE/antag
(NO) RN & structure from first source; RN not in Chemline 7/84

2-aminoethanol see ethanolamine

3-(2-aminoethoxy)alanine see 4-oxalysine

8-(2-aminoethyl)amino-cAMP sepharose
(SY) AACAMP sepharose
(HM) SEPHAROSE/*analogs

2-(2-aminoethylamino)-4-morpholinothieno(3,2-d) pyrimidine dihydrochloride see VK 744

2-amino-5-N-ethyl-N-(beta-hydroxyethyl)aminotoluene sulfate see CD-4

cis-N-(2-aminoethyl)-4-(beta-1-naphthylvinyl)-3-methylpyridinium bromide hydrobromide see N-(2-aminoethyl)-4-(beta-1-naphthylvinyl)-3-methylpyridinium

N-(2-aminoethyl)-4-(beta-1-naphthylvinyl) -3-methylpyridinium
(RN) 89711-12-6
(RR) 89711-17-1 ((trans)-isomer)
(SY) cis-N-(2-aminoethyl)-4-(beta-1-naphthylvinyl)-3-methylpyridinium bromide hydrobromide
(SY) NANPP
(HM) *NAPHTHYLVINYLPYRIDINE/analogs
(NO) RN & structure given in first source; RN given refers to bromide.HBr(cis)-isomer; RN for parent cpd without isomeric designation not in Chemline 8/84

2-(1'-aminoethyl)bicyclo(2.2.1)heptane
(RN) 24520-60-3
(RR) 24520-59-0 (HCl)
(SY) AEBCH
(HM) *NORBORNANES
(PA) ANTIVIRAL AGENTS
(NO) RN given refers to parent cpd

2'-O-(N-(2-aminoethyl)carbamoylethyl) phosphono-N(6)-(N-(2-aminoethyl) carbamoylethyl)NAD
(SY) ACPACNAD
(HM) NADP/*analogs
(NO) reaction product of NADP and 3-propiolactone; structure given in first source

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2'-O-(N-(2-aminoethyl)carbamoylethyl) phosphono-NAD
(SY) AECEP-NAD
(HM) NADP/*analogs
(NO) reaction product of NADP and 3-propiolactone; structure given in first source

N(6)-(N-(2-aminoethyl)carbamoyl)NADP
(SY) AECENADP
(HM) NADP/*analogs
(NO) reaction product of NADP and 3-propiolactone; structure given in first source

3-amino-9-ethylcarbazole
(RN) 132-32-1
(RR) 6109-97-3 (HCl)
(HM) *CARBAZOLES
(NO) RN given refers to parent cpd

aminoethyl cellulose
(RN) 9032-36-4
(SY) AE-cellulose
(HM) CELLULOSE/*analogs
(NO) immunoadsorbant

1-amino-2-ethylcyclopropane-1-carboxylic acid
(RN) 80483-77-8
(RR) 87480-58-8 (duplicate RN)
(RR) 93453-13-5 ((trans)-isomer)
(RR) 91366-18-6 (2H-labeled cpd)
(RR) 65878-54-8 ((cis)-(+-)-isomer)
(RR) 65878-53-7 ((1R-cis)-isomer)
(RR) 65878-52-6 ((1S-cis)-isomer)
(RR) 63393-57-7 ((1R-trans)-isomer)
(RR) 63393-56-6 ((1S-trans)-isomer)
(RR) 63364-56-7 ((trans)-(+-)-isomer)
(SY) 1-AEC
(HM) *AMINO ACIDS
(PA) ACYLTRANSFERASES/antag
(NO) substrate of malonyltransferase & inhibitor of 1-aminocyclopropane-1-carboxylic acid malonyltransferase; RN given refers to cpd without isomeric designation

aminoethylcysteine see S-beta-aminoethyl cysteine

aminoethylcysteine-ketimine see thialysine ketimine

S-2-aminoethyl cysteine see S-beta-aminoethyl cysteine

aminoethyldextran
(RN) 9078-43-7
(HM) *DEXTRANS

2-aminoethyl hydrogen sulfate see ethanolamine O-sulfate

3-(2-aminoethyl)indole see tryptamine

N-(2-aminoethyl)-5-isoquinolinesulfonamide
(RN) 84468-17-7
(SY) AEIQS
(HM) *ISOQUINOLINES
(PA) PROTEIN KINASES/antag

S-aminoethylmercaptolactic acid
(RN) 85852-48-8
(SY) S-AEML
(HM) *AMINO ACIDS, SULFUR

2-aminoethyl-methionyl(11)-substance P see substance P, 2-aminoethyl-Met(11)-

2-aminoethyl-Met(11)-substance P see substance P, 2-aminoethyl-Met(11)-

2-aminoethylphosphonate aminotransferase see 2-aminoethylphosphonate-pyruvate aminotransferase

(2-aminoethyl)phosphonate-pyruvate aminotransferase see 2-aminoethylphosphonate-pyruvate aminotransferase

2-aminoethylphosphonate-pyruvate aminotransferase
(RN) EC 2.6.1.37
(RR) 37277-91-1 (CRN)
(SY) 2-aminoethylphosphonate aminotransferase
(SY) (2-aminoethyl)phosphonate-pyruvate aminotransferase
(HM) *AMINOTRANSFERASES

1,4-(N-2-aminoethyl-2'-pyridyl disulfide)-7-nitrobenzo-2-oxa-1,3-diazole
(RN) 58210-58-5
(SY) N-APDND
(HM) *BENZOXAZOLES
(II) SULFHYDRYL REAGENTS
(NO) structure

N-(2-aminoethylsulfonate)-7-nitrobenz-2-oxa-1,3- diazole see NBD-taurine

2-amino-6-ethyl-4,5,7,8-tetrahydro-6H-oxazolo(5,4-d) azepine.2HCl see B-HT 933

2-(2-aminoethyl)thiazole
(RN) 18453-07-1
(RR) 56933-57-4 (di-HCl)
(SY) 2-thiazolylethylamine
(SY) 2-(2-thiazolyl)ethylamine
(HM) *THIAZOLES
(II) RECEPTORS, HISTAMINE H1
(NO) receptor H1 agonist; RN given refers to parent cpd

5-((2-aminoethyl)thiomethyl)-N,N-dimethyl-2-furanmethanamine
(RN) 66356-53-4
(SY) 5-ADFM
(HM) RANITIDINE/*analogs
(NO) intermediate in synthesis of ranitidine; may cause contact dermatitis; structure given in first source

4-(2-aminoethyl)thio-2-methylimidazole-1- ethanol
(RN) 78949-89-0
(SY) 4-ATME
(HM) *IMIDAZOLES
(NO) thioether adduct formed from metronidazole & cysteamine

4-amino-5-ethyl-3-thiophenecarboxylic acid methyl ester see Ro 22-0654

2-aminofluorene
(RN) 153-78-6
(SY) 2-fluorenamine
(SY) 2-fluorenylamine
(HM) *FLUORENES
(PA) MUTAGENS
(PA) CARCINOGENS

5-aminofluorescein
(RN) 3326-34-9
(SY) 5-fluoresceinamine
(HM) *FLUORESCEINS
(NO) used to determine progesterone in human serum or plasma

2-amino-3-fluoro-1-phenylpropane
(RN) 77449-02-6
(RR) 77210-50-5 (HCl)
(RR) 77210-49-2 ((R)-isomer)
(RR) 70824-86-1 ((+-)-isomer)
(SY) monofluoroamphetamine
(SY) alpha-fluoromethylphenylethylamine
(HM) *AMPHETAMINES
(NO) RN given refers to (S)-isomer; RN for cpd without isomeric designation not in Chemline 3/84

2-amino-4-formyl-3-(hydroxyaminocarbonyl)butyric acid see dealanylalahopcin

6-amino-5-(formyl-N-methylamino)-1,3-dimethyluracil
(RN) 33130-55-1
(SY) ADMU
(SY) 1,3,7-DAU
(HM) URACIL/*analogs
(NO) major caffeine metabolite in rats; structure in first source

4-amino-5-(formylmethylene)-2(5H)-furanone see basidalin

5-amino-D-glucose see nojirimycin

1-(2-amino-(4-glutathion-S-yl)-1-imidazolyl)-3-methoxypropanol see misonidazole-glutathione conjugate

1-(2-amino-(5-glutathion-S-yl)-1-imidazolyl)-3-methoxypropanol see misonidazole-glutathione conjugate

aminoglutethimide phosphate
(RN) 13256-45-6
(RR) 32066-27-6 (phosphate[3:1])
(RR) 23734-88-5 (phosphate[1:1])
(RR) 59191-80-9 ((L)-isomer)
(RR) 59191-79-6 ((D)-isomer)
(HM) AMINOGLUTETHIMIDE/*analogs
(NO) inhibitor of steroidogenesis; RN given refers to phosphate in unspecified proportion to parent cpd

aminoglycoside acetyltransferase
(RN) EC 2.3.1.-
(SY) aminocyclitol acetyltransferase
(SY) neomycin acetyltransferase
(HM) *ACETYLTRANSFERASES
(NO) see also gentamicin acetyltransferase

aminoglycoside-(3)-N-acetyltransferase IV see aminoglycoside N(3')-acetyltransferase

aminoglycoside N(3')-acetyltransferase
(RN) EC 2.3.1.81
(SY) AAC(3)-IV
(SY) aminoglycoside-(3)-N-acetyltransferase IV
(HM) *ACETYLTRANSFERASES
(NO) catalyzes the reaction of CoA & acetyl-2-deoxystreptamine antibiotic to yield acetyl-CoA & a 2-deoxystreptamine antibiotic; has broad specificity; acts on gentamicin, tobramycin, sisomicin, netilmicin, kanamycin, neomycin & apramycin

aminoglycoside adenylyltransferase see gentamicin 2''-nucleotidyltransferase

aminoglycoside 3''-adenylyltransferase see streptomycin 3''-adenylyltransferase

aminoglycoside 4'-adenylyltransferase see tobramycin adenylyltransferase

aminoglycoside 4,4'-adenylyltransferase see tobramycin adenylyltransferase

aminoglycoside 2''-O-nucleotidyltransferase see gentamicin 2''-nucleotidyltransferase

aminoglycoside phosphotransferase see kanamycin kinase

aminoglycoside 3'-phosphotransferases (I and II)
(RN) EC 2.7.1.-
(SY) APT-3'-I and II
(HM) *PHOSPHOTRANSFERASES, ATP
(NO) enzyme I transfers terminal phosphate of ATP to 3'-hydroxyl group of kanamycins, neomycins, paromomycins, ribostamycin & to ribose 5''-hydroxyl group of lividomycins, 3',4-dideoxyribostamycin, but not to 3'-hydroxyl of butirosin; enzyme II transfers to the same 3'-hydroxy groups as enzyme I, plus to bufirosin but not to the 5''-hydroxyl group as above

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aminoguanidine
(RN) 79-17-4
(HM) *GUANIDINES
(NO) diamine oxidase inhibitor; structure

1-amino-19-guanidino-11,15-dihydroxy-4,9,12-triazanonadecane-10,13-dione see spergualin

5-amino-8-guanidino-2-(4-hydroxyphenylmethyl)-4-oxooctanoic acid see arphamenine B

5-amino-8-guanidino-4-oxo-2-phenylmethyloctanoic acid see arphamenine A

3-amino-4-(2((2-guanidinothiazol-4-yl)methylthio) ethylamino)-1,2,5-thiadiazole-1-oxide monohydrochloride see BL 6341A

8-aminoguanosine
(RN) 3868-32-4
(HM) GUANOSINE/*analogs
(PA) PURINE NUCLEOSIDE PHOSPHORYLASES/antag

3-aminoharman
(RN) 84872-35-5
(SY) 3-amino-1-methyl-9H-pyrido(3,4-b)indole
(HM) *CARBOLINES
(PA) MUTAGENS
(NO) structure given in first source

4-aminohepta-5,6-dienoic acid see gamma-allenyl GABA

4-aminoheptanoylphenone
(RN) 53033-83-3
(RR) 63834-37-7 (HCl)
(SY) para-aminoheptanoylphenone
(HM) *KETONES
(PA) RADIATION-PROTECTIVE AGENTS
(NO) RN given refers to parent cpd

N-(4-(((2-amino-3,4,5,6,7,8-hexahydro-4-oxo-5-((2'-deoxyuridin-5-yl)methyl) pyrido(3,2-d)pyrimidin-6-yl)methyl)amino) benzoyl)glutamic acid 5'-monophosphate
(RN) 92008-00-9
(RR) 92008-01-0 (isomer II)
(SY) ADPPGM
(HM) *URIDINE MONOPHOSPHATE/analogs
(PA) THYMIDYLATE SYNTHETASE/antag
(NO) RN & structure given in first source; RN not in Chemline 1/85; RN given refers to isomer I; RN for cpd without isomeric designation not available

2-amino-N-(3,4,4a,5,6,7-hexahydro-5,6,8-trihydroxy-3-methyl-1-oxo-1H-2-benzopyran-4-yl)propanamide see actinobolin

6-aminohexanoic acid cyclic dimer hydrolase
(RN) EC 3.5.2.-
(SY) 6-AHA-cyclic dimer hydrolase
(HM) *AMIDOHYDROLASES

6-aminohexanoic acid-cyclic dimer
(SY) nylon oligomer
(HM) *6-AMINOCAPROIC ACID/analogs
(II) NYLONS
(NO) structure given in first source

6-aminohexanoic acid linear oligomer hydrolase
(RN) EC 3.5.1.-
(SY) nylon degrading enzyme
(SY) nylon oligomer hydrolase
(HM) *AMIDOHYDROLASES

1-O-(6-aminohexanoyl)-2,3-diphosphoglycerol
(SY) AHDPG
(HM) *DIPHOSPHOGLYCERIC ACIDS
(NO) structure given in first source

4-aminohexanoylphenone
(RN) 38237-76-2
(SY) para-aminohexanoylphenone
(HM) *HEXANONES
(PA) RADIATION-PROTECTIVE AGENTS

5-amino-2-hexenedioic acid
(RN) 74743-93-4
(RR) 74669-20-8 ((R)-isomer)
(RR) 74669-19-5 ((S)-isomer)
(SY) 5-aminohex-2-enedioic acid
(HM) *AMINO ACIDS, DICARBOXYLIC
(NO) RN given refers to (+-)-isomer; structure given in first source

5-aminohex-2-enedioic acid see 5-amino-2-hexenedioic acid

4-aminohex-5-enoic acid
(RN) 60643-86-9
(RR) 77162-51-7 ((-)-isomer)
(RR) 74046-07-4 ((+)-isomer)
(RR) 68506-86-5 ((+-)-isomer)
(SY) gamma-vinyl GABA
(SY) gamma-vinyl-gamma-aminobutyric acid
(SY) RMI 71754
(SY) gamma-vinyl-GABA
(SY) vinyl-GABA
(SY) vigabatrin
(HM) *AMINOCAPROIC ACIDS
(PA) GABA TRANSAMINASE/antag
(PA) ANTICONVULSANTS
(NO) irreversible inhibitor of GABA aminotransferase; RN given refers to cpd without isomeric designation

N(6)-(6-aminohexyl)-adenosine 5'-monophosphate-sepharose
(SY) N-AAMS
(SY) 5'-adenylate-aminohexyl-sepharose
(HM) SEPHAROSE/*analogs

aminohexylagarose see aminohexyl-sepharose

1-(N-6-amino-n-hexyl) carbamoylimidazole
(SY) 6-AHCI
(HM) *IMIDAZOLES
(PA) PROTEASE INHIBITORS
(PA) TRYPSIN INHIBITORS
(PA) PLASMINOGEN ACTIVATORS/antag
(PA) FIBRINOLYSIN/antag
(PA) UROKINASE/antag
(NO) irreversible inhibitor of urokinase, kidney-cell plasminogen activator, plasmin & beta-trypsin; structure given in first source

N(6)-((6-aminohexyl)carbamoylmethyl) ATP
(RN) 55860-26-9
(SY) ACM-ATP
(HM) ADENOSINE TRIPHOSPHATE/*analogs

N-(6-aminohexyl)-5-chloro-1-naphthalenesulfonamide see W-7

aminohexyl-FAD see N(6)-aminohexyl-flavin adenine dinucleotide

N(6)-aminohexyl-flavin adenine dinucleotide
(SY) aminohexyl-FAD
(SY) AHFAD
(HM) FAD/*analogs

N-(6-aminohexyl)-1-naphthalenesulfonamide
(RN) 79458-81-4
(RR) 61714-25-8 (HCl)
(SY) W-5
(HM) *SULFONAMIDES
(NO) calmodulin antagonist; RN given refers to parent cpd

aminohexyl-sepharose
(RN) 58856-73-8
(RR) 69072-03-3 (conjugate monoacid)
(SY) AH-Sepharose 4B
(SY) omega-aminohexyl-sepharose
(SY) albumin modified omega-aminohexyl Sepharose 2B
(SY) hexyl-agarose
(SY) aminohexylagarose
(HM) SEPHAROSE/*analogs
(NO) RN given refers to cpd with unknown MF

4-aminohexynoate see RMI 71645

4-amino-5-hexynoic acid see RMI 71645

o-aminohippuric acid see 2-aminohippuric acid

2-aminohippuric acid
(RN) 526-21-6
(SY) ortho-aminohippuric acid
(SY) o-aminohippuric acid
(SY) o-aminobenzoylglycine
(HM) *AMINOHIPPURIC ACIDS

2-aminohistamine
(RN) 39050-13-0
(SY) 2-(2-amino-4-imidazolyl)ethylamine
(HM) HISTAMINE/*analogs
(NO) structure given in first source

2-amino-N(6)-hydroxyadenine
(RN) 7269-57-0
(SY) 2-amino-6-N-hydroxylaminopurine
(HM) ADENINE/*analogs
(PA) MUTAGENS
(NO) mutagen & bacterial growth inhibitor; structure in first source

2-amino-4-hydroxyaminopteridine
(RN) 2236-60-4
(SY) AHAPT
(HM) *PTERIDINES

3-amino-5-hydroxybenzoic acid
(RN) 76045-71-1
(SY) 3-AHBA
(HM) *AMINOBENZOIC ACIDS
(NO) direct precursor of 7-carbon amino starter-unit for biosyn of ansamycins

1-N-((S)-4-amino-2-hydroxybutyl)-kanamycin see butikacin

N(6)-(4-amino-2-hydroxybutyl)-L-lysine see hypusine

4-amino-2-hydroxybutyric acid
(RN) 13477-53-7
(RR) 40371-51-5 ((S)-isomer)
(RR) 3938-83-8 ((+-)-isomer)
(HM) GABA/*analogs
(NO) RN given refers to cpd without isomeric designation

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4-amino-3-hydroxybutyric acid
(RN) 352-21-6
(RR) 924-49-2 ((+-)-isomer)
(RR) 7013-05-0 ((S)-isomer)
(RR) 7013-07-2 ((R)-isomer)
(RR) 16748-85-9 (mono-Na salt)
(RR) 51085-21-3 (HCl)
(RR) 36835-60-6 (Mg salt, HBr)
(SY) GABOB
(SY) gamma-amino-beta-hydroxybutyric acid
(HM) GABA/*analogs
(NO) RN given refers to cpd without isomeric designation

1-N-((S)-4-amino-2-hydroxybutyryl)-2"-deoxykanamycin B
(RN) 83071-96-9
(SY) AHBD-kanamycin B
(HM) KANAMYCIN/*analogs

1-N-((S)-4-amino-2-hydroxybutyryl)dibekacin see habekacin

2-amino-4-hydroxy-6,7-dimethyl-5,6,7,8-tetrahydropteridine
(RN) 611-54-1
(RR) 62510-32-1 (sulfate)
(RR) 21248-26-0 (HCl)
(RR) 945-43-7 (mono-HCl)
(SY) 6,7-dimethyl-5,6,7,8-tetrahydropterin
(HM) *PTERIDINES
(NO) used as a synthetic cofactor in place of tetrahydrofolate; RN given refers to parent cpd; structure

2-amino-9-(2-hydroxyethyl)methyl-9H-purine see 6-deoxyacyclovir

2-amino-4-hydroxy-6-formylpteridine
(RN) 712-30-1
(SY) 6-formylpterin
(SY) pterin-6-aldehyde
(HM) *PTERIDINES
(NO) pteridine precursor in biosynthesis of dihydropteroate; structure

2-amino-4-hydroxy-6-hydroxymethyldihydropteridine pyrophosphokinase
(RN) EC 2.7.6.3
(RR) 37278-23-2 (CRN)
(SY) H2-pteridine-CH2OH pyrophosphokinase
(SY) 7,8-dihydro-6-hydroxymethylpterin pyrophosphokinase
(HM) *PHOSPHOTRANSFERASES, ATP

2-amino-6-N-hydroxylaminopurine see 2-amino-N(6)-hydroxyadenine

2-amino-3-hydroxy-15-methylhexadecane-1-sulfonic acid see capnine

3-amino-2-hydroxy-5-methylhexanoyl-Val-Val-Asp see amastatin

3-amino-2-hydroxy-5-methylhexanoyl-L-valyl-L-valyl-L-aspartic acid see amastatin

2-amino-3-hydroxy-5-methyl-4-isoxazole-3'-propionic acid see alpha-amino-3-hydroxy-5-methyl-4-isoxazolepropionic acid

5-amino-3-hydroxy-7-methyloctanoic acid
(SY) 5-AHMOA
(HM) *AMINO ACIDS
(NO) structure given in first source

5-amino-4-hydroxy-3-(phenylazo)-2,7-naphthalenedisulfonic acid see D.C. Red No. 33

3-amino-2-hydroxy-4-phenylbutanoic acid
(RN) 62084-21-3
(RR) 62023-63-6 ((R-(R*,S*))-isomer)
(RR) 62023-62-5 ((S-(R*,R*))-isomer)
(RR) 62023-61-4 ((R-(R*,R*))-isomer)
(RR) 59554-14-2 ((S-(R*,S*))-isomer)
(SY) AHPA
(HM) *PHENYLBUTYRATES
(NO) RN given refers to parent cpd

21-amino-17-hydroxy-4-pregn-3,20-dione see 21-amino-17-hydroxyprogesterone

21-amino-17-hydroxyprogesterone
(RN) 84869-30-7
(SY) 21-A-17-OHP
(SY) 21-amino-17-hydroxy-4-pregn-3,20-dione
(HM) *HYDROXYPROGESTERONES

amino-1-hydroxypropane-1,1-diphosphonate see (3-amino-1-hydroxypropylidene)-1,1-biphosphonate

N-(S-3-amino-2-hydroxypropionyl)-gentamicin see Sch 21420

1-(2-(3-amino-2-hydroxypropoxy)phenyl)-3-phenyl-1-propanone see N-depropylpropafenone

(3-amino-1-hydroxypropylidene)-1,1-biphosphonate
(RN) 40391-99-9
(RR) 57248-88-1 (di-Na salt)
(SY) aminohydroxypropylidene diphosphonate
(SY) (3-amino-1-hydroxypropylidene)-1,1-bisphosphonate
(SY) amino-1-hydroxypropane-1,1-diphosphonate
(SY) APD
(HM) *DIPHOSPHONATES
(NO) inhibits osteolytic bone lesions; RN given refers to parent cpd

(3-amino-1-hydroxypropylidene)-1,1-bisphosphonate see (3-amino-1-hydroxypropylidene)-1,1-biphosphonate

aminohydroxypropylidene diphosphonate see (3-amino-1-hydroxypropylidene)-1,1-biphosphonate

S-(3-amino-2-hydroxypropyl)phosporothioate see WR 77913

N-(p-(2-(2-amino-4-hydroxy-6-pteridinyl)ethyl)amino) benzoyl)glutamic acid see homofolic acid

N-(4-((1-(2-amino-4-hydroxy-6-pteridinyl)ethyl)amino) benzoyl)glutamic acid see ninopterin

p-((2-amino-4-hydroxy-6-pteridylmethyl)amino)benzoic acid see pteroic acid

4-((2-amino-4-hydroxy-6-pteridylmethyl)amino)benzoic acid see pteroic acid

5-amino-5-hydroxy-2,4,6(1H,3H,5H)-pyrimidinetrione bromide see 5-amino-5-hydroxy-2,4,6(1H,3H,5H)-pyrimidinetrione

5-amino-5-hydroxy-2,4,6(1H,3H,5H)-pyrimidinetrione chloride see 5-amino-5-hydroxy-2,4,6(1H,3H,5H)-pyrimidinetrione

5-amino-5-hydroxy-2,4,6(1H,3H,5H)-pyrimidinetrione
(RN) 85048-88-0
(RR) 85048-89-1 (bromide)
(SY) 5-AHPTO
(SY) 5-amino-5-hydroxy-2,4,6(1H,3H,5H)-pyrimidinetrione chloride
(SY) 5-amino-5-hydroxy-2,4,6(1H,3H,5H)-pyrimidinetrione bromide
(SY) dehydrouramil hydrate hydrochloride
(HM) *PYRIMIDINONES
(NO) has diabetogenic action; structure & RN from first source; RN given refers to chloride; RN for parent ion not in Chemline 6/83

n-(4(N-((2-amino-4-hydroxy-6-quinazolinyl)methyl)prop-2-ynylamino)benzoyl)-L-glutamic acid see CB 3717

4(5)-aminoimidazole-5(4)-carboxamide orotic acid salt see orazamide

aminoimidazole carboxamide ribonucleoside see AICA ribonucleoside

aminoimidazole carboxamide ribonucleotide see AICA ribonucleotide

5(4)-amino-4(5)-imidazolecarboxamide ureidosuccinate
(RN) 34879-34-0
(HM) *AMINOIMIDAZOLE CARBOXAMIDE/analogs

aminoimidazole ribonucleotide carboxylase see phosphoribosylaminoimidazole carboxylase

aminoimidazole ribotide
(RN) 25635-88-5
(RR) 3318-04-5 (phosphonoribofuranosyl-isomer)
(RR) 61176-62-3 ((beta-D-ribofuranosyl)-isomer)
(RR) 41536-03-2 ((alpha-D-ribofuranosyl)-isomer)
(SY) 5-amino-1-ribofuranosylimidazole 5'-phosphate
(HM) *RIBONUCLEOTIDES
(NO) RN given refers to (D)-(beta)-isomer; structure in Merck Index, 9th ed, #181 as AIR

aminoimidazole N-succinocarboxamide ribonucleotide synthetase see phosphoribosylaminoimidazole-succinocarboxamide synthetase

5-amino-4-imidazole-N-succinocarboxamide ribonucleotide see SAICAR

2-amino-9-(4-imidazolyl)-7-azanonanoic acid see gizzerosine

2-(2-amino-4-imidazolyl)ethylamine see 2-aminohistamine

N-(4-((aminoiminomethyl)amino)-1-carboxybutyl)-2-pyrrolidone-5-carboxylic acid see pyronopaline

7-amino-3-imino-3H-phenothiazine see thionine

2-aminoindan
(RN) 2975-41-9
(RR) 2338-18-3 (HCl)
(HM) *INDANS
(PA) ANTIDIABETICS
(NO) RN given refers to parent cpd; structure

5'-amino-5-iodo-2',5'-dideoxyuridine see AIdUrd

2-amino-5-iodo-6-phenyl-4-pyrimidinone
(RN) 72943-43-2
(SY) AIPP
(HM) CYTOSINE/*analogs
(PA) INTERFERON INDUCERS
(PA) ANTINEOPLASTIC AGENTS

2-aminoisobutyric acid
(RN) 62-57-7
(RR) 80565-20-4 (11C-labeled cpd)
(RR) 917-98-6 (14C-labeled cpd)
(SY) alpha-aminoisobutyric acid
(SY) alpha-aminoisobutyrate
(HM) *AMINOISOBUTYRIC ACIDS
(NO) RN given refers to unlabeled cpd

3-aminoisobutyric acid
(RN) 144-90-1
(RR) 38679-93-5 (tritium-labeled cpd)
(RR) 10569-72-9 ((+-)-isomer)
(RR) 4249-19-8 ((S)-isomer)
(RR) 2140-95-6 ((R)-isomer)
(SY) beta-aminoisobutyric acid
(HM) *AMINOISOBUTYRIC ACIDS
(NO) RN given refers to cpd without isomeric designation

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2-amino-7-isopropyl-5-oxo-5H-(1)benzopyrano(2,3b) pyridine-3-carboxylic acid see amoxanox

2-amino-1-(isopropylsulfoxyl)-6-benzimidazole phenyl ketone oxime see enviroxime

1-aminoisoquinoline
(RN) 1532-84-9
(HM) *ISOQUINOLINES
(NO) structure in first source

aminoketobutyric acid ligase see glycine acetyltransferase

aminokrovin
(RN) 76773-71-2
(HM) *PLASMA SUBSTITUTES
(PA) ANTI-ULCER AGENTS
(NO) product of acid hydrolysis of human blood

2-amino-6-(S)-lactoyl-7,8-dihydro-4(3H)- pteridinone see sepiapterin

12-aminolauric acid see 12-aminododecanoic acid

aminolevulinate aminotransferase
(RN) EC 2.6.1.43
(SY) 4,5-dioxovaleric acid transaminase
(SY) L-alanine gamma,delta-dioxovaleric acid aminotransferase
(SY) L-alanine-4,5-dioxovaleric acid aminotransferase
(HM) *AMINOTRANSFERASES

aminomalonate decarboxylase see aspartate 4-decarboxylase

aminomalonic acid
(RN) 1068-84-4
(HM) *MALONATES
(PA) ASPARAGINE SYNTHETASE/antag

3-amino-4-mercapto-6-methylpyridazine
(RN) 18591-81-6
(HM) *PYRIDAZINES
(PA) ANALGESICS

2-amino-6-mercapto-9-ribofuranosylpurine 5'- triphosphate see 6-thioguanosine 5'-triphosphate

aminomethane see methylamine

aminomethanesulfonic acid
(RN) 13881-91-9
(HM) *SULFONIC ACIDS

(L-2-amino-4-(p-methoxyphenyl)butanoic acid)-AM toxin I see (2-amino-4-(4-methoxyphenyl)butanoic acid)-AM toxin I

3-amino-6-methoxyacridine
(RN) 84746-03-2
(SY) 3-A-6-MA
(HM) *AMINOACRIDINES
(II) FLUORESCENT DYES
(NO) structure given in first source

3-amino-7-methoxyacridine
(RN) 82138-45-2
(SY) 3-A-7-MA
(HM) *AMINOACRIDINES
(II) FLUORESCENT DYES
(NO) structure given in first source

2-amino-4-methoxy-3-butenoic acid
(RN) 35891-72-6
(RR) 69624-91-9 ((E)-isomer)
(SY) L-2-amino-4-methoxy-trans-3-butenoic acid
(HM) *AMINOBUTYRIC ACIDS
(PA) PORPHOBILINOGEN SYNTHASE/antag
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(PA) METHIONINE ADENOSYLTRANSFERASE/antag
(PA) AMINOTRANSFERASES/antag
(II) TOXINS
(NO) bacterial toxin isolated from Pseudomonas aeruginosa; RN given refers to (S-(E))-isomer

L-2-amino-4-methoxy-trans-3-butenoic acid see 2-amino-4-methoxy-3-butenoic acid

4-amino-3-(3'-methoxycarbonyl-2'-thioureido)benzophenone
(RN) 39070-62-7
(SY) AMTB
(HM) PHENYLTHIOUREA/*analogs
(NO) prodrug of mebendazole; structure given in first source

9-amino-2-methoxy-6-chloroacridine see 9-amino-6-chloro-2-methoxyacridine

4-amino-2-methoxy-5-((methylamino)sulfoxyl)-N-((1-(2-propenyl)-2-pyrrolidinyl)methyl)benzamide see RIV 2093

(2-amino-4-(4-methoxyphenyl)butanoic acid)-AM toxin I
(SY) AM toxin I, (2-amino-4-(4-methoxyphenyl) butanoic acid)-
(SY) AM toxin I, AMPBA-
(SY) (L-Amb3)-AM toxin I
(SY) (L-2-amino-4-(p-methoxyphenyl)butanoic acid)-AM toxin I
(HM) *PEPTIDES, CYCLIC
(II) MYCOTOXINS
(NO) structure given in first source

(L-2-amino-6-(p-methoxyphenyl)hexanoic acid)-AM toxin I see (2-amino-6-(4-methoxyphenyl)hexanoic acid)-AM toxin I

(2-amino-6-(4-methoxyphenyl)hexanoic acid)-AM toxin I
(SY) AM toxin I, (2-amino-6-(4-methoxyphenyl) hexanoic acid)-
(SY) AMPHA-AM toxin I
(SY) (L-2-amino-6-(p-methoxyphenyl)hexanoic acid)-AM toxin I
(SY) (L-Amh3)-AM toxin I
(HM) *PEPTIDES, CYCLIC
(II) MYCOTOXINS
(NO) structure given in first source

4-amino-6-methoxy-1-phenylpyridazinium methylsulfate see amezinium

1-amino-3-methoxypropan-2-ol
(SY) 1-AMPO
(HM) *PROPANOLAMINES

3-amino-4-methoxytoluene see cresidine

9-amino-10-methylacridinium
(RN) 951-01-9
(RR) 36141-84-1 (iodide)
(RR) 64046-88-4 (bromide)
(RR) 5776-38-5 (chloride)
(RR) 60013-44-7 (nitrate)
(RR) 57380-62-8 (HI)
(SY) 10-methyl-9-aminoacridine
(HM) *9-AMINOACRIDINE/analogs
(NO) RN given refers to parent cpd

1-amino-2-methylanthraquinone
(RN) 82-28-0
(HM) *ANTHRAQUINONES

p-aminomethylbenzoic acid see 4-aminomethylbenzoic acid

4-aminomethylbenzoic acid
(RN) 56-91-7
(SY) PAMBA
(SY) para-aminomethylbenzoic acid
(SY) p-aminomethylbenzoic acid
(HM) *P-AMINOBENZOIC ACID/analogs
(PA) ANTIFIBRINOLYTIC AGENTS
(NO) structure

6-amino-4-methyl-8-(beta-D-ribofuranosyl)-(4H,8H) pyrrolo(4,3,2-de)pyrimido(4,5-c)pyridazine see NSC-154020

4-aminomethyl-1-(2,3-bis(decyloxy)propyl)-4-phenylpiperidine see CP 46665

2-amino-3-methyl-1-butanol see valinol

8-((4-amino-1-methylbutyl)amino)-6-methoxy-4-methyl-5-(3-trifluoromethylphenoxy)quinoline see WR 225448

2-aminomethyl-4-t-butyl-6-iodophenol see MK-447

2-aminomethyl-4-butyl-6-iodophenyl see MK-447

aminomethyl carrier protein see H-protein

7-amino-4-methylcoumarin
(RN) 26093-31-2
(RR) 52840-41-2 (conjugate monoacid)
(SY) 4-methyl-7-aminocoumarin
(HM) *COUMARINS
(II) INDICATORS AND REAGENTS
(NO) RN given refers to parent cpd

1-(aminomethyl)cyclohexaneacetic acid see gabapentin

cis-4-aminomethylcyclohexane-1-carboxylic acid see cis-AMCHA

3-(4-(trans-4-aminomethylcyclohexylcarbonyl)phenyl) propionic acid hydrochloride see TEI 5103

2-amino-2-methyl-6,7-dihydroxy-1,2,3,4-tetrahydronaphthalene
(RN) 92575-16-1
(SY) 2-methyl-6,7-ADTN
(SY) 2-amino-6,7-dihydroxy-2-aminotetralin
(HM) *TETRAHYDRONAPHTHALENES
(NO) does not have dopamine agonist activity; structure given in first source

2-amino-6-methyldipyrido(1,2-a-3',2'-d)imidazole see Glu-P-1

2-amino-5-methylhistamine
(RN) 89026-20-0
(RR) 89026-19-7 (di-HCl)
(HM) *METHYLHISTAMINES
(NO) histamine H2 receptor agonist; RN given refers to parent cpd; structure given in first source

2-(aminomethyl)-5-hydroxy-4H-pyran-4-one see kojic amine

2-amino-3-methylimidazolo(4,5-f)quinoline see 2-amino-3-methylimidazo(4,5-f)quinoline

2-amino-3-methylimidazo(4,5-f)quinoline
(RN) 76180-96-6
(RR) 77314-22-8 (HBr)
(SY) 2-AMIQ
(SY) 2-amino-3-methylimidazolo(4,5-f)quinoline
(SY) IQ
(HM) *QUINOLINES
(PA) MUTAGENS
(NO) mutagen found in broiled food; RN given refers to parent cpd; structure given in first source

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6-aminomethyl-3-methyl-4H-1,2,4-benzothiadiazine 1,1-dioxide
(RN) 80938-51-8
(RR) 79987-38-5 (HCl)
(SY) AMBTD
(SY) 6-aminomethyl-methyl-4H-1,2,4-benzothiadiazine-1,1-dioxide
(HM) *BENZOTHIADIAZINES
(PA) TAURINE/antag
(NO) RN given refers to parent cpd; structure given in first source

6-aminomethyl-methyl-4H-1,2,4-benzothiadiazine-1,1-dioxide see 6-aminomethyl-3-methyl-4H-1,2,4-benzothiadiazine 1,1-dioxide

N-aminomethylmorpholine 3,3-diethyl-2,4- pyridinedione
(RN) 81424-62-6
(SY) NADPDO
(HM) *PYRIDONES
(PA) ANTICONVULSANTS

4-amino-2-methyl-1-naphthol see vitamin k5

5(S)-amino-7-methyl-3(E)-octenoic acid see 5-amino-7-methyl-3-octenoic acid

5-amino-7-methyl-3-octenoic acid
(SY) AMOA
(SY) 5(S)-amino-7-methyl-3(E)-octenoic acid
(HM) *AMINO ACIDS
(NO) structure given in first source

2-amino-4-methyl-1-pentanal see leucinal

2-amino-4-methyl-1-pentanethiol see leucinthiol

3-amino-4-methylpentanoic acid see beta-leucine

2-(aminomethyl)phenol
(RN) 932-30-9
(SY) 2-hydroxybenzylamine
(HM) *BENZYLAMINES
(PA) DIURETICS

3-amino-2-methyl-8-phenylmethoxyimidazo(1,2-a)pyrazine see Sch 32651

3-amino-6-methyl-5-phenyl-2(1H)-pyridinone see APP 201-533

1-(4-amino-2-methyl-5-phenyl-3-pyrrolyl)isopropyl ketone see isoprazone

2-amino-4-methylphosphinobutyric acid see phosphinothricin

(aminomethyl)phosphonic acid see 1-aminomethylphosphonic acid

1-aminomethylphosphonic acid
(RN) 1066-51-9
(RR) 68935-97-7 (sulfate[2:1])
(RR) 55101-58-1 (di-Na salt)
(RR) 55101-49-0 (NH4 salt)
(RR) 55101-48-9 (K salt)
(RR) 55101-47-8 (Na salt)
(RR) 55101-42-3 (monosulfate)
(RR) 55101-41-2 (HCl)
(RR) 32582-05-1 (Ca salt)
(RR) 32582-04-0 (Mg salt)
(SY) (aminomethyl)phosphonic acid
(HM) *ORGANOPHOSPHORUS COMPOUNDS
(NO) RN given refers to parent cpd

N-aminomethylpiperazine 3,3-diethyl-2,4-pyridinedione
(RN) 81424-63-7
(SY) NAPDPD
(HM) *PYRIDONES
(PA) ANTICONVULSANTS

2-amino-2-methyl-1,3-propandiol
(RN) 115-69-5
(SY) 2-amino-2-methyl-1,3-propanediol
(SY) ammediol
(HM) *PROPANEDIOLS
(II) BUFFERS

2-amino-2-methyl-1,3-propanediol see 2-amino-2-methyl-1,3-propandiol

2-amino-2-methyl-1-propanol
(RN) 124-68-5
(RR) 67952-40-3 (nitrate salt)
(RR) 3207-12-3 (HCl)
(HM) *PROPANOLAMINES
(II) BUFFERS
(NO) RN given refers to parent cpd

aminomethylpsoralen see aminomethyltrioxsalen

2-amino-7-methyl-4(1H)-pteridinone see 7-methylpterin

2-amino-4-methylpyridine see 2-amino-4-picoline

2-amino-3-methyl-9H-pyrido(2,3-b)indole
(RN) 68006-83-7
(SY) 2-A-3-MPI
(HM) *CARBOLINES
(PA) MUTAGENS
(NO) pyrolysis product of soybean globulins; structure

3-amino-1-methyl-5H-pyrido(4,3-b)indole see Trp-P-2

3-amino-1-methyl-9H-pyrido(3,4-b)indole see 3-aminoharman

(1-(4-amino-2-methyl-5-pyrimidinyl)methyl-3-(2-chloroethyl)-3-nitrosourea hydrochloride see ACNU

3-((4-amino-2-methyl-5-pyrimidinyl)methyl)-1-(2-chloroethyl)-1-nitrosourea see ACNU

5-aminomethylsalicylic acid
(RN) 2820-31-7
(RR) 33242-33-0 (HCl)
(HM) *AMINOSALICYLIC ACIDS
(NO) RN given refers to parent cpd

2-aminomethyl-4-tert-butyl-6-propionylphenol see ONO 3144

2-amino-6-methyl-5,6,7,8-tetrahydro-4(3H)-pteridinone see 6-methyltetrahydropterin

4'-aminomethyl-4,5',8-trimethylpsoralen see aminomethyltrioxsalen

aminomethyltrioxsalen
(RN) 64358-50-5
(RR) 62442-61-9 (HCl)
(SY) 4'-aminomethyl-4,5',8-trimethylpsoralen
(SY) aminomethylpsoralen
(SY) 5-AMTP
(HM) *TRIOXSALEN/analogs
(II) CROSS-LINKING REAGENTS
(NO) RN given refers to parent cpd

2-aminomisonidazole
(RN) 76620-73-0
(SY) miso-amine
(HM) MISONIDAZOLE/*analogs
(NO) metabolite of misonidazole

aminon
(RN) 34815-94-6
(HM) *PYRAZOLES
(II) INDICATORS AND REAGENTS
(NO) used in extractive and photometric determination of pilocarpine

1-aminonaphthalene-5-sulfonate see 1-naphthylamine-5-sulfonic acid

1-aminonaphthalene-3,6,8-trisulfonic acid see 8-amino-1,3,6-naphthalenetrisulfonic acid

8-amino-1,3,6-naphthalenetrisulfonic acid
(RN) 117-42-0
(RR) 79873-38-4 (unspecified Na salt)
(RR) 901-79-1 (tri-Na salt)
(SY) 1-aminonaphthalene-3,6,8-trisulfonic acid
(SY) 1,3,6-ANTS
(HM) *NAPHTHALENES
(NO) RN given refers to parent cpd

2-amino-7-naphthol
(RN) 93-36-7
(RR) 51761-16-1 (HCl)
(HM) *NAPHTHOLS
(PA) MUTAGENS
(NO) mutagen metabolite of 2-aminonaphthalene; RN given refers to parent cpd

5-amino-1-naphthol
(RN) 83-55-6
(RR) 63134-21-4 (HCl)
(HM) *NAPHTHOLS

7-amino-1-naphthol
(RN) 4384-92-3
(HM) *NAPHTHOLS
(II) FLUORESCENT DYES
(NO) structure given in first source

6-aminonicotinic acid
(RN) 3167-49-5
(RR) 5336-87-8 (mono-HCL)
(RR) 70022-07-0 (phosphate (1:1))
(HM) NIACIN/*analogs
(NO) RN given refers to parent cpd

7-aminonitrazepam
(RN) 4928-02-3
(HM) NITRAZEPAM/*analogs
(NO) urinary metabolite of nitrazepam

2-amino-5-nitrobenzophenone
(RN) 1775-95-7
(HM) *BENZOPHENONES
(NO) urinary metabolite of nitrazepam

2-amino-6-((4-nitrobenzyl)thio)-9-beta-D-ribofuranosylpurine see 6-(4-nitrobenzylthio)guanosine

2-amino-4-(5-nitro-2-furyl)thiazole see ANFT

2-amino-p-nitrophenol see 2-amino-4-nitrophenol

2-amino-4-nitrophenol
(RN) 99-57-0
(SY) 2-amino-p-nitrophenol
(HM) *NITROPHENOLS

4-amino-2-nitrophenol
(RN) 119-34-6
(HM) *NITROPHENOLS

2-amino-1-nitrophenylpropane-1,3-diol see 1-(4'-nitrophenyl)-2-aminopropane-1,3-diol

2-amino-5-nitrothiazole
(RN) 121-66-4
(RR) 1320-42-9 (unspecified isomeric cpd)
(HM) *THIAZOLES
(PA) RADIATION-SENSITIZING AGENTS
(NO) RN given refers to cpd without isomeric designation

2-amino-6-nitrotoluene
(RN) 603-83-8
(HM) *TOLUIDINES

(N-(2-amino-3-nitro-5-(trifluoromethyl)phenyl))-2,2,3,3-tetrafluoropropanamide see nifluridide

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2-aminonorbornane-2-carboxylic acid see 2-aminobicyclo(2,2,1)heptane-2-carboxylic acid

3-aminonorharman
(RN) 73834-77-2
(SY) 3-amino-9H-pyrido(3,4-b)indole
(HM) *CARBOLINES
(PA) MUTAGENS
(NO) structure given in first source

aminooligopeptidase
(RN) EC 3.4.11.-
(SY) amino-oligopeptidase
(HM) *AMINOPEPTIDASES
(NO) human, intestinal brush-border enzyme; acts on oligopeptides with bulky side-chains removing N-terminal amino acids until dipeptide remains

amino-oligopeptidase see aminooligopeptidase

3-(3-amino-1,2,4-oxadiazol-5-yl)-5-chloro-2,6-pyrazinediamine see CGS 4270

3-amino-2-oxetane carboxylic acid see oxetin

2-amino-4-oxo-6-acetyl-7,8-dihydro-3H,9H- pyrimidodiazepine
(RN) 80003-63-0
(SY) AOADPD
(SY) 6-acetylhomopterin
(SY) quench spot
(HM) *AZEPINES
(NO) a 6-acetylpyrimidodiazepine intermediate in biosyn of drosopterin

2-amino-3-oxobutyrate CoA ligase see glycine acetyltransferase

1-aminooxy-3-aminopropane
(HM) *PROPYLAMINES
(PA) ORNITHINE DECARBOXYLASE/antag
(PA) PROPYLAMINE TRANSFERASE/antag
(PA) S-ADENOSYLMETHIONINE DECARBOXYLASE/antag
(NO) polyamine biosyn inhibitor; structure given in first source

2-aminooxypropionic acid
(RN) 2786-22-3
(RR) 63916-10-9 (HBr(+-)-isomer)
(RR) 42989-99-1 (HCl(R)-isomer)
(SY) alpha-aminoxypropionic acid
(HM) ALANINE/*analogs
(NO) RN given refers to parent cpd without isomeric designation

aminopenicillanic acid
(RN) 551-16-6
(RR) 13833-83-5 (K salt)
(RR) 1203-85-6 (Na salt)
(SY) 6-aminopenicillanic acid
(HM) *PENICILLANIC ACIDS
(NO) RN given refers to parent cpd; structure

6-aminopenicillanic acid see aminopenicillanic acid

aminopentamide
(RN) 60-46-8
(RR) 6191-22-6 ((+-)-isomer)
(RR) 35144-63-9 (unspecified sulfate)
(SY) centrine
(HM) *BENZHYDRYL COMPOUNDS
(PA) PARASYMPATHOLYTICS
(NO) RN given refers to parent cpd without isomeric designation; structure

5-aminopentanesulfonic acid
(RN) 37043-68-8
(HM) *ALKYL SULFONATES
(PA) ANALEPTICS

5-aminopentanoic acid see 5-aminovaleric acid

4-aminopentanoylphenone
(RN) 38237-74-0
(SY) para-aminopentanoylphenone
(SY) 4-aminovalerylphenone
(HM) *PENTANONES
(PA) RADIATION-PROTECTIVE AGENTS

8-(4-aminopentylamino)-6-methoxyquinoline see quinocide

L-2-amino-4-pentynoic acid see propargylglycine

aminopeptidase A see aspartate aminopeptidase

aminopeptidase B see arginine aminopeptidase

aminopeptidase Co
(RN) EC 3.4.11.-
(HM) *AMINOPEPTIDASES
(NO) from Saccharomyces cerevisiae; requires cobalt ions; active against basic amino acids

aminopeptidase I
(RN) EC 3.4.11.-
(HM) *AMINOPEPTIDASES
(NO) from various enterobacteria, requires Mn or Mg, broad substrate specificity

aminopeptidase II
(RN) EC 3.4.11.-
(HM) *AMINOPEPTIDASES
(NO) extracellular enzyme from Saccharomyces cerevisiae

aminopeptidase M
(RN) EC 3.4.11.-
(SY) human fibroblast surface glycoprotein
(HM) *AMINOPEPTIDASES
(NO) from rat renal brush border membranes

aminopeptidase (microsomal) see alanine aminopeptidase

aminopeptidase N see alanine aminopeptidase

aminopeptidase P
(RN) EC 3.4.11.9
(SY) X-prolyl aminopeptidase
(HM) *AMINOPEPTIDASES
(NO) proline specific exopeptidase

16-amino-PGF2alpha methyl ester see 16-aminoprostaglandin F2alpha methyl ester

9-aminophenanthrene
(RN) 947-73-9
(RR) 64849-97-4 (cpd with unspecified amino locant)
(HM) *PHENANTHRENES
(II) FLUORESCENT DYES
(NO) fluorescence-labeling reagent for free fatty acids

N-(4-aminophenethyl)spiroperidol
(SY) NAPES
(HM) *SPIROPERIDOL/analogs

p-aminophenethyltrimethylammonium see 4-aminophenethyltrimethylammonium

4-aminophenethyltrimethylammonium
(RN) 24620-02-8
(RR) 24619-80-5 (iodide)
(SY) p-aminophenethyltrimethylammonium
(SY) PAPETA
(SY) para-aminophenethyltrimethyammonium
(HM) *AMMONIUM COMPOUNDS
(PA) GANGLIONIC STIMULANTS
(NO) nicotinic agent; RN given refers to parent cpd

o-aminophenol see 2-aminophenol

o-aminophenol oxidase see 2-aminophenol oxidase

2-aminophenol oxidase
(RN) EC 1.10.3.4
(SY) isophenoxazine synthase
(SY) phenoxazinone synthetase
(SY) o-aminophenol oxidase
(SY) ortho-aminophenol oxidase
(HM) *OXIDOREDUCTASES
(NO) converts 4-methyl-3-hydroxyanthranilic acid or other aminophenols to phenoxazines

2-aminophenol
(RN) 95-55-6
(RR) 51-19-4 (HCl)
(RR) 38171-52-7 (mono-K salt)
(RR) 30798-41-5 (mono-Na salt)
(RR) 60715-75-5 (ion(1+))
(SY) ortho-aminophenol
(SY) o-aminophenol
(HM) *AMINOPHENOLS
(NO) RN given refers to parent cpd

4-aminophenol
(RN) 123-30-8
(RR) 70110-94-0 (18O-labeled cpd)
(RR) 63084-98-0 (sulfate [2:1])
(RR) 54646-39-8 (sulfate)
(RR) 53741-39-2 (3H-labeled cpd)
(RR) 51-78-5 (HCl)
(RR) 15267-98-8 (mono-Na salt)
(RR) 38171-53-8 (mono-K salt)
(RR) 60715-76-6 (ion(1+))
(RR) 38816-93-2 (conjugate monoacid)
(SY) para-aminophenol
(SY) 4-hydroxyaniline
(HM) *AMINOPHENOLS
(NO) RN given refers to parent cpd

N(5-(4-aminophenoxy)pentyl)phthalimide see amphotalide

p-aminophenyl-2-acetamido-2-deoxy-beta-D-glucoside see 4-aminophenyl-2-acetamido-2-deoxyglucoside

4-aminophenyl-2-acetamido-2-deoxyglucoside
(RN) 3459-29-8
(SY) APADTG
(SY) p-aminophenyl-2-acetamido-2-deoxy-beta-D-glucoside
(HM) *GLUCOSIDES
(NO) RN given refers to (alpha-D)-isomer; RN for cpd without isomeric designation not in Chemline 10/84

p-aminophenylalanine see 4-aminophenylalanine

4-aminophenylalanine
(RN) 2410-24-4
(RR) 943-80-6 ((L)-isomer)
(RR) 2922-41-0 ((DL)-isomer)
(RR) 17362-67-3 ((L)-isomer, 14C & 15N-labeled cpd)
(RR) 17375-01-8 ((D)-isomer, 14C & 15N-labeled cpd)
(SY) p-aminophenylalanine
(SY) para-aminophenylalanine
(HM) PHENYLALANINE/*analogs
(NO) RN given refers to cpd without isomeric designation

4-(4-aminophenylalanyl)-8-tryptophan-somatostatin see somatostatin, 4-(4-NH2-Phe)-8-Trp-

p-aminophenyl-beta-D-galactopyranoside see 4-aminophenyl-beta-galactoside

4-aminophenyl-beta-galactoside
(RN) 5094-33-7
(RR) 3398-86-5 ((alpha-D)-isomer)
(SY) p-aminophenyl-beta-D-galactopyranoside
(SY) para-aminophenyl-beta-D-galactopyranoside
(HM) *GALACTOSIDES
(NO) RN given refers to (beta-D)-isomer

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4-aminophenyl beta-lactoside
(RN) 17691-02-0
(SY) para-aminophenyl beta-lactoside
(SY) PAPBL
(SY) p-nitrophenyl beta-D-lactoside
(HM) *GLYCOSIDES
(II) INDICATORS AND REAGENTS

m-aminophenylboronate-agarose see 3-aminophenylboronate-sepharose

3-aminophenylboronate-sepharose
(SY) m-aminophenylboronate-agarose
(SY) 3-APB-sepharose
(HM) SEPHAROSE/*analogs
(NO) specifically binds capped snRNA & mRNA

aminophenylboronic acid see 3-aminobenzeneboronic acid

4-amino-3-phenylbutyric acid
(RN) 1078-21-3
(RR) 35568-36-6 ((L)-(-)-isomer)
(RR) 3060-41-1 (HCl)
(RR) 35568-37-7 ((DL)-(+-)-mixture)
(SY) phenybut
(SY) beta-phenyl-gamma-aminobutyric acid
(SY) phenibut
(SY) fenibut
(SY) phenyl-GABA
(HM) GABA/*analogs
(PA) CONVULSANTS
(NO) phenyl deriv of GABA; RN given refers to cpd without isomeric designation; structure

4-aminophenyl disulfide see 4,4'-diaminodiphenyldisulfide

N(6)-2-(4-aminophenyl)ethyladenosine
(SY) NAMPEA
(HM) ADENOSINE/*analogs
(II) AFFINITY LABELS

1-amino-2-phenylethylphosphonic acid
(RN) 6324-00-1
(RR) 26598-58-3 ((+-)-isomer)
(SY) 1A-2-PEPA
(HM) *ORGANOPHOSPHORUS COMPOUNDS
(NO) RN given refers to cpd without isomeric designation: structure given in first source

4-aminophenyl fucoside
(RN) 42935-25-1
(SY) para-aminophenyl alpha-fucopyranoside
(HM) *GLYCOSIDES

1-(4-aminophenyl)isoquinoline
(RN) 58992-84-0
(HM) PAPAVERINE/*analogs
(PA) PHOSPHODIESTERASE INHIBITORS

4-aminophenylmercuriacetate
(RN) 6283-24-5
(SY) acetoxymercurianiline
(SY) 4-aminophenylmercuric acetate
(SY) para-aminophenylmercuriacetate
(HM) *PHENYLMERCURIC ACETATE/analogs
(II) SULFHYDRYL REAGENTS
(NO) covalently linked to agarose for purification of FAD & COA with chromatography

4-aminophenylmercuric acetate see 4-aminophenylmercuriacetate

2-(4'-aminophenyl)-6-methylbenzene-thiazole-3',7-disulfonic acid see APMB

aminopheaylmethylenebenzothiophene see AF-CX 921 XX

3-(1-(4-aminophenyl)-3-oxobutyl)-4-hydroxy-2H-1-benzopyran-2-one
(RN) 47331-24-8
(HM) ACENOCOUMAROL/*analogs
(NO) acenocoumarin amino metabolite; structure given in first source

2-(4-aminophenyl)-2-phenethylamine see SK&F 12185

3-(2-aminophenyl)propanamine
(RN) 39909-27-8
(SY) 3-APPN
(HM) *ANILINE COMPOUNDS
(HM) *PROPYLAMINES
(PA) SEROTONIN ANTAGONISTS
(NO) structure given in first source

2-amino-1-phenyl-1-propanone see cathinone

N-(4-aminophenyl)stearylamide
(SY) N-(para-aminophenyl)stearylamide
(HM) *STEARIC ACIDS

4-aminophenyl 1-thio-beta-glucopyranosiduronic acid
(SY) PAPTGA
(HM) *THIOGLUCOSIDES

L-2-amino-4-phosphonobutanoic acid see 2-amino-4-phosphonobutyric acid

2-amino-4-phosphonobutyric acid
(RN) 6323-99-5
(SY) L-APB
(SY) L-2-amino-4-phosphonobutanoic acid
(HM) *AMINOBUTYRIC ACIDS
(NO) glutamate antagonist in locust muscle; structure

2-amino-7-phosphonoheptanoic acid
(RN) 85797-13-3
(RR) 81338-24-1 ((S)-isomer)
(RR) 81338-23-0 ((R)-isomer)
(RR) 78966-69-5 ((+-)-isomer)
(HM) *AMINO ACIDS
(PA) ANTICONVULSANTS
(NO) (D)-isomer active as an antagonist of N-methyl-D-aspartate excitation of central neurons; (L)-isomer inactive; RN given refers to cpd without isomeric designation

2-amino-6-phosphonohexanoic acid
(RN) 78944-89-5
(SY) 6-phosphononorleucine
(HM) *NORLEUCINE/analogs
(NO) RN given refers to DL-isomer; RN for cpd without isomeric designation not in Chemline 11/84

2-amino-8-phosphonooctanoic acid
(RN) 81771-84-8
(SY) 2-AP8
(HM) *AMINO ACIDS
(NO) RN given refers to (+-)-isomer; RN for cpd without isomeric designation not in Chemline 4/85

2-amino-5-phosphonovalerate
(RN) 76726-92-6
(RR) 79055-68-8 ((D)-isomer)
(RR) 79055-67-7 ((L)-isomer)
(RR) 76326-31-3 ((DL)-isomer)
(SY) 2 APV
(SY) 2-amino-5-phosphonovaleric acid
(SY) 2-amino-5-phosphopentanoate
(HM) VALINE/*analogs
(PA) ANTICONVULSANTS
(NO) potent & selective antagonist of amino acid-induced synaptic excitation; RN given refers to cpd without isomeric designation

2-amino-5-phosphonovaleric acid see 2-amino-5-phosphonovalerate

2-amino-5-phosphopentanoate see 2-amino-5-phosphonovalerate

2-amino-4-picoline
(RN) 695-34-1
(RR) 6890-50-2 (nitrate)
(RR) 2403-84-1 (HCl)
(SY) 2-amino-4-methylpyridine
(SY) VMI 20-4
(SY) 4-methyl-2-aminopyridine
(SY) aminton
(HM) *PICOLINES
(PA) SYMPATHOMIMETICS
(PA) ANALGESICS
(PA) ANTIHYPERTENSIVE AGENTS
(NO) RN given refers to parent cpd

3-aminopicolinic acid
(RN) 1462-86-8
(HM) *PICOLINIC ACIDS

1-aminoproline
(RN) 10139-05-6
(RR) 15265-22-2 ((L)-isomer)
(SY) 1-amino-D-proline
(HM) PROLINE/*analogs
(PA) VITAMIN B 6/antag
(NO) constituent of linatine; thought to be responsible for in vivo toxicity of linseed meal for turkey poults; RN given refers to(D)-isomer; cpd without isomeric designation not in Chemline 6/16/83

1-amino-D-proline see 1-aminoproline

3-aminopropanesulfonic acid see homotaurine

D-aminopropanol dehydrogenase see butanediol dehydrogenase

D-1-amino-2-propanol-NAD oxidoreductase see butanediol dehydrogenase

2-aminopropanol
(RN) 78-91-1
(RR) 2749-11-3 ((S)-isomer)
(RR) 6168-72-5 ((+-)-isomer)
(HM) *PROPANOLAMINES
(NO) RN given refers to cpd without isomeric designation

aminopropeptide Col 1-3 see procollagen Type III-N-terminal peptide

aminopropeptides (procollagen) see procollagen Type III-N-terminal peptide

2-aminopropionic acid-1-(4-chlorophenyl)-2-methyl-2-propyl ester.HCl see alaproclate

2-amino-2',6'-propionoxyxylidide see tocainide

p-aminopropiophenone see 4-aminopropiophenone

2-aminopropiophenone see cathinone

4-aminopropiophenone
(RN) 70-69-9
(RR) 6170-25-8 (HCl)
(SY) p-aminopropiophenone
(SY) para-aminopropiophenone
(HM) *PROPIOPHENONES
(PA) RADIATION PROTECTIVE AGENTS
(NO) RN given refers to parent cpd

aminopropylcadaverine see N-(3-aminopropyl)cadaverine

N-(3-aminopropyl)cadaverine
(RN) 56-19-9
(SY) 3-APCAD
(SY) aminopropylcadaverine
(HM) *CADAVERINE/analogs

N-(3-aminopropyl)-N(6)-(2-carboxyethyl)-1,4-diaminobutane see N(8)-2-carboxyethylspermidine

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9(3-aminopropyl)-9H-fluorene-9-carboxamide see deisopropylindecainide

2-amino-2-propylpentanoic acid see dipropylglycine

N-(3-aminopropyl)pyrrolidin-2-one
(RN) 7663-77-6
(SY) isoputreamine lactam
(HM) *PYRROLIDINONES
(NO) product of spermidine catabolism in mice

aminopropyl silica gel
(HM) *SILICA

3-aminopropyl-5-tetrazole
(RN) 56217-93-7
(SY) GABA tetrazole
(HM) *TETRAZOLES
(NO) structure give in first source

S-(3-aminopropyl)thiosulfuric acid ester
(RN) 13286-24-3
(HM) *THIOSULFURIC ACID ESTERS

3-aminopropyltriethoxysilane see gamma-aminopropyltriethoxysilane

16-aminoprostaglandin F2alpha methyl ester
(SY) 16-amino-PGF2alpha methyl ester
(SY) methyl 16-amino-PGF(2alpha)
(SY) 16-aminodinoprost methyl ester
(HM) *PROSTAGLANDINS F, SYNTHETIC
(PA) ABORTIFACIENT AGENTS, NON-STEROIDAL
(NO) structure given in first source

6-aminopurine-8-thiol see meradine

aminopurinol see 4-aminopyrazolo(3,4-d)pyrimidine

5'-(6-aminopurin-9-yl)-5'-deoxyribofuranose 1',2'-cyclic monophosphate
(RN) 84498-18-0
(SY) AD-CYCL AMP
(HM) ADENOSINE CYCLIC MONOPHOSPHATE/*analogs
(NO) structure given in first source

4-aminopyrazolo(3,4-d)pyrimidine
(RN) 2380-63-4
(SY) aminopurinol
(HM) ADENINE/*analogs
(PA) ANTICHOLESTEREMIC AGENTS
(PA) ANTIPROTOZOAL AGENTS
(NO) adenine analog which suppresses growth of E coli & Bacillus cereus; inhibits cell growth & purine biosynthesis in rat hepatoma

aminopyrene
(RN) 1606-67-3
(RR) 64990-23-4 (cpd with unspecified locant)
(SY) 1-pyrenamine
(HM) *PYRENES
(NO) RN given refers to cpd with specified locant; structure

3-aminopyridine adenine dinucleotide phosphate
(RN) 54758-28-0
(HM) NADP/*analogs

3-aminopyridine adenine dinucleotide
(RN) 21106-96-7
(HM) NAD/*analogs
(NO) structure

3-aminopyridine 1,N(6)-ethenoadenine dinucleotide phosphate
(RN) 87865-72-3
(SY) AADP
(SY) Pyridinium, 3-amino-1-(5-O-(hydroxy(phosphonooxy)phosphinyl)-beta-D-ribofuranosyl)-P'->5'-ester with 3-(2-O-phosphono-beta-D-ribofuranosyl)-3H-imidazo(2,1-i)purine, inner salt
(HM) *ADENINE NUCLEOTIDES
(II) FLUORESCENT DYES
(NO) fluorescent reagent for NADP-requiring enzymes

3-aminopyridine 1,N(6)-ethenoadenine dinucleotide
(RN) 82773-63-5
(SY) 3-AEADT
(HM) *ADENINE NUCLEOTIDES
(NO) structure given in first source

4-aminopyridine methiodide see 4-aminopyridine

2-aminopyridine see alpha-aminopyridine

3-aminopyridine see beta-aminopyridine

4-aminopyridine
(RN) 504-24-5
(RR) 1003-40-3 (HCl)
(RR) 70444-32-5 (methyliodide[1:1] salt)
(SY) VMI 103
(SY) pymadine
(SY) 4-aminopyridine methiodide
(HM) *AMINOPYRIDINES
(PA) NEUROMUSCULAR DEPOLARIZING AGENTS
(PA) ANALEPTICS
(PA) CHOLINESTERASE INHIBITORS
(PA) PESTICIDES
(PA) CARDIOVASCULAR AGENTS
(NO) do not confuse with pimadin which refers to 1-(3-anilinopropyl)-4-phenylisonipecotic acid ethyl ester; RN given refers to parent cpd

2-amino-9H-pyrido(2,3-b)indole
(RN) 26148-68-5
(RR) 81827-79-4 (D-labeled cpd)
(HM) *CARBOLINES
(PA) MUTAGENS
(NO) pyrolysis product of soybean globulins; RN given refers to unlabeled cpd; structure

3-amino-9H-pyrido(3,4-b)indole see 3-aminonorharman

2-amino-11H-pyrido(2,1-b)quinazolin-11-one
(RN) 86797-87-7
(SY) 2-APQ
(HM) *QUINAZOLINES
(PA) MUTAGENS
(PA) BRONCHODILATOR AGENTS
(NO) structure given in first source

4-aminopyrimidine
(RN) 591-54-8
(HM) *PYRIMIDINES

aminopyrine-barbital see Veramid

6-amino-1H-pyrrolo(3,2-c)pyridin-4(5H)-one see 3,7-dideazaguanine

3-(4-amino-1H-pyrrolo(2,3-d)pyrimidin-1- yl)-5-(hydroxymethyl)-1,2-cyclopentanediol
(RN) 88767-13-9
(SY) 3-APPHC
(HM) *TUBERCIDIN/analogs
(PA) ANTIVIRAL AGENTS
(NO) RN given refers to (1alpha,2alpha,3beta,5beta)-isomer; RN for cpd without isomeric designation not in Chemline 5/84; RN & structure given in first source; RN not in Chemline 5/84

4-aminoquinoline
(RN) 578-68-7
(HM) *AMINOQUINOLINES
(PA) *ANTIMALARIALS

6-aminoquinoline
(RN) 580-15-4
(HM) *AMINOQUINOLINES

aminoquinolone
(RN) 76684-34-9
(SY) 3-amino-6-chloro-5-(2-chlorophenyl)-1-methylquinolin-2-one
(HM) *AMINOQUINOLINES
(NO) metabolite of peptido-aminobenzophenone; structure given in first source

aminoquinuride
(RN) 3811-56-1
(RR) 5424-37-3 (di-HCl)
(SY) Surfen
(HM) UREA/*analogs
(PA) ANTI-INFECTIVE AGENTS, LOCAL
(NO) RN given refers to parent cpd; structure

aminorex fumarate
(RN) 13425-22-4
(RR) 32487-53-9 (fumarate[2:1])
(RR) 16422-62-1 (unspecified fumarate)
(HM) *AMINOREX/analogs
(PA) APPETITE DEPRESSANTS
(NO) RN given refers to fumarate[1:1]

5-amino-6-ribitylamino-2,4(1H,3H) pyrimidinedione 5'-phosphate
(SY) 5-ARPDP
(HM) URACIL NUCLEOTIDES
(NO) structure given in first source

5-amino-6-ribityla.ino-2,4(1H,3H) pyrimidinedione
(SY) 5-ARPD
(HM) URIDINE/*analogs
(NO) structure given in first source

5-amino-1-ribofuranosylimidazole 5'-phosphate see aminoimidazole ribotide

8-amino-3-D-ribofuranosyl-1,2,4-triazolo (4,3-a)pyrazine
(RN) 68797-11-5
(SY) 8-ARTP
(HM) *TRIAZOLES
(HM) *PYRAZINES
(PA) ENZYME INHIBITORS
(NO) has weak antiviral & coronary vasodilator action; RN & structure given in first source; RN not in Chemline 8/84

5-aminosaccharin
(HM) SACCHARIN/*analogs
(NO) impurity in saccharin produced by the Maumee process

6-aminosaccharin
(RN) 22094-62-8
(HM) SACCHARIN/*analogs
(NO) impurity in saccharin produced by the Maumee process

5-aminosalicylate see 5-aminosalicylic acid

4-aminosalicylic acid phenyl ester see phenyl 4-aminosalicylate

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5-aminosalicylic acid
(RN) 89-57-6
(RR) 35589-28-7 (mono-Na salt)
(RR) 6291-36-7 (HCl)
(RR) 40853-20-1 (conjugate monoacid)
(SY) 5-AS
(SY) meta-aminosalicylic acid
(SY) 5-aminosalicylate
(HM) *AMINOSALICYLIC ACIDS
(NO) RN given refers to parent cpd; structure in Merck Index, 9th ed, #490

aminosol
(RN) 65071-99-0
(HM) *PROTEIN HYDROLYSATES

aminosuberate
(RN) 19641-63-5
(RR) 71132-82-6 (unspecified Na salt(+-)-isomer)
(RR) 71132-81-5 (unspecified Na salt(R)-isomer)
(RR) 19641-59-9 ((+-)-isomer)
(RR) 4254-88-0 ((S)-isomer)
(SY) D-alpha-aminosuberate
(SY) alpha-2-aminooctanedioate
(HM) *AMINO ACIDS, DICARBOXYLIC
(NO) RN given refers to (R)-isomer; RN for cpd without isomeric designation not in Chemline 11/5/83

1,6-aminosuberoyl-8-arginine vasopressin see vasopressin, 1,6-Asu-8-Arg-

L-aminosuberylcalcitonin see 1,7-(aminosuberyl)calcitonin

1,7-(aminosuberyl)calcitonin
(RN) 60731-46-6
(SY) asu-calcitonin
(SY) elcatonin
(SY) asu(1,7)-eel calcitonin
(SY) L-aminosuberylcalcitonin
(HM) CALCITONIN/*analogs
(NO) synthetic S-S bond between 1-7 amino acids displaced by C-C bond; deamino dicarba analog of eel calcitonin

amino sugar U 7
(RN) 88760-87-6
(SY) U-7 amino sugar
(SY) 2,3-diamino-2,3-dideoxy-D-glucofuranurano-6,3-lactam
(HM) *GLUCURONATES
(NO) from Pseudomonas aeruginosa P14; structure given in first source

2-(3-(2-(4-aminosulfonylanilino-4-hydroxy-5-pyrimidinyl)ureido)-2-(4-hydroxyphenyl)acetamido) penicillanic acid see VX-VC 43

N(5)-(((aminosulfonyl)oxy) hydroxyphosphinyl)ornithine
(RN) 65370-68-5
(SY) N-delta-(N'-sulfodiaminophosphinyl)-L-ornithine
(SY) ASOHO
(HM) ORNITHINE/*analogs
(PA) ORNITHINE CARBAMOYLTRANSFERASE/antag
(NO) constituent of phaseolotoxin; RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 8/85

N-(p-aminosulfonylphenyl)retinamide see N-(4-aminosulfonylphenyl)retinamide

N-(4-aminosulfonylphenyl)retinamide
(RN) 93449-27-5
(SY) R-81001
(SY) N-(p-aminosulfonylphenyl)retinamide
(HM) TRETINOIN/*analogs

aminosyn
(HM) *AMINO ACIDS
(HM) *GLUCOSE
(II) INFANT FOOD
(II) FOOD, FORMULATED
(NO) mixture of amino acids and glucose; used for total parenteral nutrition

4-amino-TEMPO-ouabain see 4-amino-2,2,6,6-tetramethylpiperidin-1-oxy-ouabain

amino-terminal disulfide knot
(SY) N-DSK
(HM) *FIBRIN FIBRINOGEN DEGRADATION PRODUCTS
(NO) produced by CNBr cleavage of fibrinogen

amino-terminal parathyroid hormone
(SY) a-terminal PTH
(SY) N-terminal PTH
(HM) *PARATHYROID HORMONES
(HM) *PEPTIDE FRAGMENTS

4-amino-6-tert-butyl- 3-(methylthio)-s-triazin-5-(4H)- one see metribuzin

2-amino-3-tert-butylpropionic acid see gamma-methylleucine

N-(4-((2-(2-amino-5,6,7,8-tetrahydro-4-hydroxy-6-pteridinyl)ethyl)amino)benzoyl)-L-glutamic acid see tetrahydrohomofolic acid

2-amino-1,2,3,4-tetrahydroisoquinoline-1, 3-dione
(RN) 22177-46-4
(SY) ATHQD
(HM) *AMINOQUINOLINES
(PA) ANALGESICS, ANTI-INFLAMMATORY
(NO) structure given in first source

2-aminotetrahydronaphthalene see 2-aminotetralin

N-(4-(2-(2-amino-1,4,7,8-tetrahydro-4-oxo-6-pteridinyl)ethyl)amino)benzoyl)glutamic acid see dihydrohomofolic acid

2-aminotetralin
(RN) 2954-50-9
(RR) 70146-16-6 (HBr)
(RR) 45812-93-3 (HCl(+-)-isomer)
(RR) 29389-63-7 (HCl(R)-isomer)
(RR) 21966-60-9 ((R)-isomer)
(RR) 21880-88-6 (HCl(S)-isomer)
(RR) 21880-87-5 ((S)-isomer)
(RR) 2217-42-7 ((+-)-isomer)
(RR) 1743-01-7 (HCl)
(SY) 2-aminotetrahydronaphthalene
(HM) *TETRAHYDRONAPHTHALENES
(NO) RN given refers to parent cpd without isomeric designation; structure

4-amino-2,2,6,6-tetramethylpiperidine
(RN) 36768-62-4
(SY) 4-amino-2,2,6,6-TMP
(HM) *PIPERIDINES

4-amino-2,2,6,6-tetramethylpiperidin-1-oxyl see tempamine

4-amino-2,2,6,6-tetramethylpiperidin-1-oxy-ouabain
(SY) tempamine-ouabain
(SY) 4-amino-TEMPO-ouabain
(HM) *CYCLIC N-OXIDES
(II) SPIN LABELS
(NO) structure given in first source

2-amino-1,3,4-thiadiazole see NSC-4728

2-aminothiazoline
(RN) 1779-81-3
(RR) 65767-36-4 (sulfate)
(RR) 65767-35-3 (phosphate)
(RR) 65767-34-2 (nitrate)
(RR) 13483-03-9 (mono-HBr)
(SY) Revercan
(SY) 2-amino-2-thiazoline
(HM) *THIAZOLES
(PA) RADIATION-PROTECTIVE AGENTS
(NO) RN given refers to parent cpd; structure in first source & in Negwer, 5th ed, #97

2-amino-2-thiazoline see 2-aminothiazoline

7-(2-(2-aminothiazol-4-yl)acetamido)-3-(((1-(2-dimethylaminoethyl)-1H-tetrazol-5-yl)thio)methyl)ceph-3-em-4-carboxylic acid see cefotiam

2-(2-amino-4-thiazolyl)-2-(carboxymethoxyimino) acetamido)-8-oxo-3-vinyl-5-thia-1-azabicyclo(4.2.0) oct-2-ene-2-carboxylic acid see FK 027

7-D((2,5)-2-(2-aminothiazol-4-yl)-2,4-formamido-acetamido)-3-((1,2,3-thiadiazol-5-yl-thiomethyl))-3-cephem-4-carboxylic acid see CGP 31523A

7-(2-(2-aminothiazol-4-yl)-2-(1H-imidazol-4-yl) methoxyiminoacetamido)-3-((1-pyridinio)methyl)-8-oxo-5-thia-1-azabicyclo(4.2.0)oct-2-ene-2-carboxylate HCl see DN 9550

7-(2-(2-aminothiazol-4-yl)-2-methoxyiminoacetamido)-3-methyl-3-cephem- 4-carboxylic acid glycyloxybenzoyloxymethyl ester
(SY) AMMCCGBO methyl ester
(HM) *THIAZOLES
(NO) prodrug of 7-(2-(2-aminothiazol-4-yl)-2-methoxyiminoacetamido)-3-methyl-3-cephem-4-carboxylic acid; structure given in first source

7((2-amino-4-thiazolyl)(methoxyimino)acetyl)amino)-3-(((1-(2-sulfaminoethyl)-1H-tetrazol-5-yl)thio)methyl)-3-cephem-4-carboxylic acid see SK&F 88070

5-amino-2-thiocytosine dihydrochloride dihydrate see 5-amino-2-thiocytosine

5-amino-2-thiocytosine
(SY) 5-amino-2-thiocytosine dihydrochloride dihydrate
(HM) CYTOSINE/*analogs

aminothiophenol
(RN) 137-07-5
(RR) 3292-42-0 (HCl)
(SY) o-aminothiophenol
(HM) *ANILINE COMPOUNDS
(NO) RN given refers to parent cpd; structure

o-aminothiophenol see aminothiophenol

2-amino-3-(thio-thiosulfonate)propionic acid see cysteine thiosulfonate

N-aminothiourea see thiosemicarbazide

3'-aminothymidine
(RN) 52450-18-7
(SY) 3'-amino-3'-deoxythymidine
(HM) THYMIDINE/*analogs

4-amino-2,2,6,6-TMP see 4-amino-2,2,6,6-tetramethylpiperidine

4-aminotoluene see 4-toluidine

o-aminotoluidine see 3,4-toluenediamine

2-aminotoluidine see 3,4-toluenediamine

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4-amino-6-(trichloroethoxyl)-1,3-benzenedisulfonamide see L-631,529

2-aminotridecane undecylenate see VUFB 7477

1-amino-1,5,6-trideoxy-5-(hydroxymethyl)-D-chiro- inositol see validamine

2-amino-6-trifluoromethylbenzonorbornene
(RN) 83118-50-7
(RR) 83118-48-3 ((1alpha,2beta,4alpha)-isomer)
(SY) 2-ATFMB
(HM) *NORBORNANES
(NO) RN given refers to (all-alpha)-isomer; RN for cpd without isomeric designation not in Chemline 6/84; structure given in first source

9-amino-6-trifluoromethylbenzonorbornene
(RN) 87405-61-6
(SY) 9-ATFMB
(HM) *NORBORNANES
(NO) structure given in first source

3-amino-1-(m-(trifluoromethyl)phenyl)-2-pyrazoline see BW 755C

2-amino-6-(1,2,3-trihydroxypropyl)-4(3H)- pteridinone see neopterin

6-amino-2,4,5-trihydroxypyrimidine see isouramil

3-amino-4-trimethylaminobutyric acid see enteriamine

2-amino-3-((N-2,4,6-trimethylbenzenesulfonyl)indole) propionic acid
(SY) N-mesitylenesulfonyltryptophan
(SY) Mts-tryptophan
(HM) TRYPTOPHAN/*analogs

2-amino-3,7,8-trimethylimidazo(4,5-f) quinoxaline
(SY) ATMIQ
(SY) 7,8-DiMIQX
(HM) *QUINOXALINES
(PA) MUTAGENS
(NO) mutagen formed by heating mixture of creatinine, glucose & glycine; structure given in first source

aminotripeptidase see tripeptide aminopeptidase

3-aminotyrosine
(HM) TYROSINE/*analogs

11-aminoundecanoic acid
(RN) 2432-99-7
(RR) 27323-47-3 (cpd with unspecified amino-locant)
(RR) 54572-25-7 (Al[3:1] salt)
(RR) 67866-73-3 (conjugate monoacid)
(HM) *AMINO ACIDS
(PA) ANTI-INFECTIVE AGENTS
(NO) N1 is same as NM; first sourcediscusses ammonium salt of the cpd; RN given refers to parent cpd

5-aminouracil
(RN) 932-52-5
(HM) URACIL/*analogs

6-aminouracil
(RN) 873-83-6
(HM) URACIL/*analogs

5-aminovaleric acid
(RN) 660-88-8
(RR) 627-95-2 (HCl)
(SY) delta-aminovaleric acid
(SY) 5-aminopentanoic acid
(HM) *AMINO ACIDS
(NO) from red fox anal secretion; RN given refers to parent cpd

4-aminovalerylphenone see 4-aminopentanoylphenone

aminzen see 2-amino-4-picoline

amiphenazole
(RN) 490-55-1
(RR) 6020-54-8 (mono-HBr)
(RR) 942-31-4 (mono-HCl)
(SY) Daptazile
(HM) *THIAZOLES
(NO) used as a respiratory tonic, morphine antagonist, & antidote in barbiturate poisoning; RN given refers to parent cpd; structure

amiprophos methyl
(RN) 36001-88-4
(HM) *ORGANOTHIOPHOSPHORUS COMPOUNDS
(PA) INSECTICIDES, ORGANOTHIOPHOSPHATE
(PA) HERBICIDES
(NO) structure

2-AMIQ see 2-amino-3-methylimidazo(4,5-f)quinoline

amisulpride see sulpiride

amitan see tetram

amitraz
(RN) 33089-61-1
(SY) U 36059
(SY) Taktic
(SY) mitaban
(HM) *TOLUIDINES
(PA) INSECTICIDES
(NO) ixodicide (tick control); structure

amitriptyline N-oxide
(RN) 4317-14-0
(SY) equilibrin
(HM) AMITRIPTYLINE/*analogs

ammate see sulfamic acid

AMMCCGBO methyl ester see 7-(2-(2-aminothiazol-4-yl)-2-methoxyiminoacetamido)-3-methyl-3-cephem-4-carboxylic acid glycyloxybenzoyloxymethyl ester

AMMCGAB methyl ester see 7beta-(2-(2-aminothiazol-4-yl)-2-methoxyiminoacetamido)-3-methyl-3-cephem-4-carboxylic acid glycylaminobenzoyloxymethyl ester

ammediol see 2-amino-2-methyl-1,3-propandiol

ammoniacal silver
(HM) *SILVER

ammonia monooxygenase
(RN) EC 1.7.3.-
(SY) ammonia mono-oxygenase
(HM) *OXIDOREDUCTASES
(NO) ammonia is oxidized to hydroxylamine by nitrifying bacterium, Nitrosomonas europaea; also hydroxylates alkanes & arenes; converts alkenes to epoxides

ammonia mono-oxygenase see ammonia monooxygenase

ammonia phosphoribosylpyrophosphate aminotransferase see phosphoribosyl pyrophosphate aminotransferase

ammonia-process caramel see caramel

ammonium acetate
(RN) 631-61-8
(HM) *ACETATES

ammonium bicarbonate
(RN) 1066-33-7
(RR) 40861-29-8 (NH4-Zn salt)
(RR) 10361-29-2 (unspecified NH4 salt)
(HM) *BICARBONATES
(NO) RN given refers to mono-NH4 salt; see also record for ammonium carbonate (di-NH4 salt)

ammonium bisulfate
(RN) 7803-63-6
(HM) *AMMONIUM SULFATE

ammonium borate
(RN) 27522-09-4
(RR) 12007-89-5 (HB5O8)
(RR) 12007-58-8 (H2B4O7 (di-NH4 salt))
(RR) 12007-57-7 (mono-NH4 salt)
(HM) *BORATES
(II) INDICATORS AND REAGENTS
(NO) RN given refers to H3BO3

ammonium carbonate
(RN) 506-87-6
(RR) 10361-29-2 (unspecified NH4 salt)
(SY) diammonium carbonate
(HM) *CARBONATES
(NO) RN given refers to di-NH4 salt; see also record for ammonium bicarbonate (mono-NH4 salt)

ammonium 4-chloro-7-sulfobenzofurazan see 4-chloro-7-sulfobenzofurazan

ammonium citrate, dibasic see citric acid

ammonium cyanide
(RN) 12211-52-8
(HM) *CYANIDES

ammonium dithiomolybdate see dithiomolybdic acid

ammonium dithiotungstate see dithiotungstic acid

ammonium dodecyl sulfate see dodecyl sulfate

ammonium ferrous sulfate
(RN) 19864-63-2
(RR) 27733-56-8 (H2SO4-NH4-Fe(2+)[3:2:2])
(RR) 10402-23-0 (cpd with unspecified ratio, unspecified iron valence)
(RR) 10045-89-3 (H2SO4-NH4-Fe(2+)[2:2:1])
(RR) 7783-85-9 (H2SO4-NH4-Fe(2+)[2:2:1] hexahydrate)
(SY) ferrous ammonium sulfate
(HM) *FERROUS COMPOUNDS
(HM) *AMMONIUM COMPOUNDS
(NO) supplies nutritional iron

ammonium fluoride
(RN) 12125-01-8
(RR) 61007-71-4 (dihydrate)
(RR) 12331-96-3 (monohydrate)
(RR) 1341-49-7 (cpd with MF NH4-HF2)
(HM) *FLUORIDES
(PA) MUTAGENS
(NO) RN given refers to parent cpd

ammonium-7-fluorobenzo-2-oxa-1,3-diazole-4-sulfonate see 7-fluorobenzo-2-oxa-1,3-diazole-4-sulfonate

ammonium 4-fluoro-7-sulfobenzofurazan see 7-fluorobenzo-2-oxa-1,3-diazole-4-sulfonate

ammonium fumarate see fumaric acid

ammonium heptamolybdate see ammonium molybdate

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ammonium hexachloroplatinate
(RN) 16919-58-7
(HM) *PLATINUM
(HM) *CHLORIDES
(NO) structure

ammonium hydrogen phosphate see ammonium phosphate

ammonium hydroxide
(RN) 1336-21-6
(HM) *HYDROXIDES

ammonium lauryl sulfate see dodecyl sulfate

ammonium metavanadate see metavanadate

ammonium 4-methylumbelliferyl 5'-thymidylate see 4-methylumbelliferyl thymidine 5'-phosphate

ammonium molybdate
(RN) 11098-84-3
(RR) 12027-67-7 (ammonium molybdate (VI))
(RR) 12054-85-2 (tetrahydrate)
(RR) 12501-45-0 (mono-NH4 salt)
(RR) 13106-76-8 (H2MoO4 di-NH4 salt)
(RR) 13847-77-3 (99Mo-labeled di-NH4 salt)
(RR) 27546-07-2 (H2Mo2O7 di-NH4 salt)
(RR) 33972-39-3 (H2Mo2O7 diNH4 salt tetrahydrate)
(RR) 57018-33-4 (H2Mo3O10 di-NH4 salt hydrate)
(RR) 12207-64-6 (H2Mo4O13 di-NH4 salt)
(RR) 37216-99-2 (H2Mo4O13 di-NH4 salt dihydrate)
(RR) 12776-74-8 (H2Mo4O13 di-NH4 salt hydrate)
(RR) 53169-40-7 (H2Mo6O19 (di-NH4 salt monohydrate)
(RR) 12519-53-8 (H2Mo14O43 di-NH4 salt)
(RR) 11089-16-0 (H2Mo14O43 di-NH4 salt trihydrate)
(RR) 12764-69-1 (H2Mo16O49 di-NH4 salt monohydrate)
(RR) 57126-31-5 (H4Mo4O14 tetra-NH4 salt)
(RR) 12519-54-9 (H2Mo22O67 di-NH4 salt)
(RR) 12332-67-1 (H4Mo5O17 tetra-NH4 salt)
(RR) 12411-64-2 (H4Mo8O26 tetra-NH4 salt)
(RR) 57126-27-9 (H4Mo8O26 tetra-NH4 salt hydrate)
(RR) 51429-77-7 (H6Mo8O27 hexa-NH4 salt tetrahydrate)
(RR) 39400-54-9 (H8Mo36O112 octa-NH4 salt)
(RR) 57126-24-6 (H8Mo36O112 octa-NH4 salt hydrate)
(RR) 11089-32-0 (H8Mo10O34 octa-NH4 salt)
(SY) ammonium heptamolybdate
(SY) ammonium molybdate(VI)
(SY) ammonium molybdate (VI)
(HM) *MOLYBDENUM
(II) STAINS AND STAINING
(NO) RN given refers to unspecified ammonium molybdate salt

ammonium molybdate(VI) see ammonium molybdate

ammonium molybdate (VI) see ammonium molybdate

ammonium molybdophosphate see phosphomolybdic acid

ammonium monofluorophosphate see fluorophosphate

ammonium nitrate
(RN) 6484-52-2
(HM) *NITRATES
(NO) structure

ammonium orthophosphate see ammonium phosphate

ammonium perfluorooctanoate see perfluorooctanoic acid

ammonium peroxydisulfate
(RN) 7727-54-0
(SY) ammonium persulfate
(HM) *AMMONIUM SULFATE

ammonium persulfate see ammonium peroxydisulfate

ammonium phosphate
(RN) 10124-31-9
(RR) 7722-76-1 (mono-NH4 phosphate)
(RR) 7783-28-0 (di-NH4 phosphate)
(RR) 10361-65-6 (tri-NH4 phosphate)
(SY) ammonium phosphate, dibasic
(SY) diammonium phosphate
(SY) ammonium hydrogen phosphate
(SY) diammonium hydrogen phosphate
(SY) ammonium orthophosphate
(HM) *PHOSPHATES
(NO) RN given refers to unspecified ammonium salt

ammonium phosphate, dibasic see ammonium phosphate

ammonium-potassium antiporter
(SY) NH4(+)-K(+)-exchanger
(SY) ammonium-potassium exchanger
(SY) methylammonium-potassium antiport
(HM) *CARRIER PROTEINS
(HM) *MEMBRANE PROTEINS
(II) AMMONIUM
(II) POTASSIUM

ammonium-potassium exchanger see ammonium-potassium antiporter

ammonium 7H-purin-6-yl 1-thio-beta-glucopyranosiduronate see purin-6-yl 1-thio-beta-glucopyranosiduronic acid

ammonium pyrrolidine dithiocarbamate see pyrrolidine dithiocarbamic acid

ammonium pyruvate see pyruvic acid

ammonium rhodanate see ammonium thiocyanate

ammonium succinate see succinic acid

ammonium sulfamate see sulfamic acid

ammonium tartrate see tartaric acid

ammonium tetrachloroplatinite(II) see tetrachloroplatinate

ammonium tetraisothiocyanatodiamine chromate see Reinecke Salt

ammonium tetramethylene dithiocarbamate see pyrrolidine dithiocarbamic acid

ammonium tetrathiomolybdate see tetrathiomolybdate

ammonium tetrathiotungstate
(RN) 13862-78-7
(SY) thiotungstic acid, diammonium salt
(HM) *TUNGSTEN
(NO) structure

ammonium thiocyanate
(RN) 1762-95-4
(RR) 43086-59-5 (NH4-(15)N-labeled cpd)
(SY) ammonium rhodanate
(HM) *THIOCYANATES
(NO) RN given refers to NH4 salt

ammonium thioglycolate see 2-mercaptoacetate

ammonium-5-tungsto-2-antimoniate see 5-tungsto-2-antimoniate

ammonium vanadate see vanadate

ammonyx LO see dodecyldimethylamine oxide

AMNTSAN see N-amyl-N-methylnitrosamine

AMOA see 5-amino-7-methyl-3-octenoic acid

amoebapore
(HM) *MEMBRANE PROTEINS
(II) AMOEBA
(II) ION CHANNELS
(NO) ion-channel forming material in virulent strains of Entamoeba histolytica; may be responsible for many symptoms associated with amoebic dysentery; MW 13,000

A14-monoiodoinsulin see insulin, iodo-

amopen
(RN) 81030-75-3
(HM) *AMOXICILLIN
(HM) *THIAMINE
(HM) *RIBOFLAVIN
(HM) *ASCORBIC ACID
(HM) *NICOTINAMIDE
(HM) DRUG COMBINATIONS

amorphin protein
(SY) 85K amorphin
(HM) *MUSCLE PROTEINS
(NO) Z band 85,000 dalton protein from chicken pectoralis muscle myofibrils

85K amorphin see amorphin protein

amoscanate
(RN) 26328-53-0
(RR) 73201-61-3 (former CAS registry number)
(SY) C 9333-Go
(SY) 4-isothiocyanato-4'-nitrodiphenylamine
(SY) CGP 4540
(SY) nithiocyamine
(SY) 4-isothiocyanato-N-(4-nitrophenyl)benzenamine
(SY) C-9333-Go
(SY) CGP-4540
(SY) nithiocyanamine
(HM) *DIPHENYLAMINE/analogs
(HM) *THIOCYANATES
(PA) ANTHELMINTICS
(PA) SCHISTOSOMICIDES
(PA) ANTINEMATODAL AGENTS
(PA) FILARICIDES
(NO) structure; RN given refers to parent cpd

amosite
(RN) 12172-73-5
(HM) *ASBESTOS
(NO) structure

amosulalol see YM-09538

amoxanox
(SY) AA 673
(SY) AA-673
(SY) 2-amino-7-isopropyl-5-oxo-5H-(1)benzopyrano(2,3b)pyridine-3-carboxylic acid
(HM) *AMINOPYRIDINES
(PA) SRS-A/antag
(NO) structure given in first source

AMO 1618 see AMO-1618

AMO-1618
(RN) 2438-53-1
(RR) 59933-65-2 (cpd with unspecified locant for piperidinyl group chloride)
(RR) 6295-53-0 (iodide)
(SY) (5-hydroxycarvacryl)trimethylammonium chloride 1-piperidinecarboxylate
(SY) AMO 1618
(HM) *AMMONIUM COMPOUNDS
(II) PLANT GROWTH REGULATORS
(NO) RN given refers to chloride with piperidinyl group in position 1; RN for parent cpd not in Chemline 8/11/83; structure

AMPA see alpha-amino-3-hydroxy-5-methyl-4-isoxazolepropionic acid

AMP-agarose see adenosine monophosphate-sepharose

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AMPase see adenosine monophosphatase

AMPD see 4-aza-4-methyl-5-pregnane-3,20-dione

AMP deoxyguanosine phosphotransferase see deoxyguanosine kinase

ampevit
(RN) 65666-64-0
(HM) *AMINO ACIDS
(HM) *NUCLEIC ACIDS
(HM) *VITAMINS
(HM) *MINERALS
(HM) DRUG COMBINATIONS
(II) PROTEIN HYDROLYSATES
(NO) geriatric preparation

AMPHA-AM toxin I see (2-amino-6-(4-methoxyphenyl)hexanoic acid)-AM toxin I

amphetamine receptor
(SY) amphetamine receptors
(SY) receptor, amphetamines
(HM) *RECEPTORS, ADRENERGIC
(II) AMPHETAMINES

amphetamine receptors see amphetamine receptor

amphiboles
(RN) 1318-09-8
(HM) *SILICA
(II) ASBESTOS
(NO) rock forming silicate minerals

amphiphatic agents
(HM) *SURFACE-ACTIVE AGENTS
(NO) detergent or wetting agent reducing surface tension

AMPHIS-Cu see copper(II)-methyl 2-(2-aminoethyl)aminoethylpyridine- 6-carboxylhistidinate

AMPHIS-Fe see iron(II)-methyl 2-(2-aminoethyl)aminomethylpyridine-6-carboxylhistidinate

amphoglucamine
(RN) 58722-78-4
(SY) N-methyl-D-glucamine amphotericin B
(SY) amphoglucomine
(HM) AMPHOTERICIN B/*analogs

amphoglucomine see amphoglucamine

ampholan see dodicin

Ampholine
(RN) 37348-94-0
(HM) *AMINO ACIDS
(HM) *POLYMERS
(II) BUFFERS
(II) ISOELECTRIC FOCUSING
(NO) polyaminopolycarboxlic acids; ampholyte (buffer) system used for isoelectric focusing

ampholyt G see dodicin

amphomycin
(RN) 1402-82-0
(SY) krystallomycin
(SY) crystallomycin
(SY) zaomycin
(SY) aspartmycin
(HM) OLIGOPEPTIDES
(PA) ANTIBIOTICS

amphotalide
(RN) 1673-06-9
(SY) N(5-(4-aminophenoxy)pentyl)phthalimide
(HM) *PHTHALIMIDES
(PA) SCHISTOSOMICIDES

amphotericin A
(RN) 1405-32-9
(HM) AMPHOTERICIN B/*analogs

amphotericin B, N-(N'-(3-dimethylaminopropyl)-N"-ethylguanyl)-
(RN) 87263-93-2
(SY) guanido-amphotericin B
(SY) N-(N'-(3-dimethylaminopropyl)-N"-ethylguanyl) amphotericin B
(HM) AMPHOTERICIN B/*analogs
(NO) guanido derivative of amphotericin B

amphotericin B methyl ester see methylamphotericin B

amplox see broadcillin

AMP nucleosidase
(RN) EC 3.2.2.4
(RR) 9025-45-0 (CRN)
(HM) *NUCLEOSIDASES

AMP nucleotidase see 5'-nucleotidase

5'-AMP nucleotidase see 5'-nucleotidase

ampoxen see nylon 6

1-AMPO see 1-amino-3-methoxypropan-2-ol

AMP-PCP see 5'-adenylyl methylenediphosphonate

AMPPCP see 5'-adenylyl methylenediphosphonate

AM-protein see actin-modulating proteins

AMP-S see adenosine 5'-phosphorothioate

AMP-sepharose see adenosine monophosphate-sepharose

AMP sulfite-(acceptor) oxidoreductase see adenylylsulfate reductase

amrinone
(RN) 60719-84-8
(SY) Win 40680
(HM) *AMINOPYRIDINES
(PA) CARDIOTONIC AGENTS
(NO) structure

amrumycin
(RN) 72779-40-9
(HM) *ANTIBIOTICS
(NO) no other info available 6/8/82

AMSA see m-AMSA

m-AMSA
(RN) 51264-14-3
(SY) NSC-141549
(SY) NSC-156303
(SY) Cain's Acridine
(SY) SN11841
(SY) NSC 249992
(SY) AMSA
(SY) amsacrine
(SY) NSC-24992
(SY) 4'-((9-acridinyl)amino)methanesulfon-m-anisidide
(SY) 4'-(9-acridinylamino)methanesulfon-m-anisidide
(SY) N-(4'(9-acridinylamino)-3-methoxyphenyl) methanesulfonamide
(SY) meta-AMSA
(SY) amsidine
(HM) *AMINOACRIDINES
(PA) ANTINEOPLASTIC AGENTS
(II) INTERCALATING AGENTS
(NO) structure

amsacrine see m-AMSA

amsidine see m-AMSA

amsonic acid
(RN) 81-11-8
(RR) 25394-13-2 (unspecified Na salt)
(RR) 7336-20-1 (di-Na salt)
(SY) DAS
(SY) 4,4'-diacetamido-2,2'stilbene disulfonate
(SY) 4,4-diaminostilben-2,2'-disulfonic acid
(SY) DASSA
(HM) *SITS/analogs
(II) INDICATORS AND REAGENTS
(NO) RN given refers to parent cpd

AMTB see 4-amino-3-(3'-methoxycarbonyl-2'-thioureido) benzophenone

7-AMTCC see 7 beta-(2-(2-aminothiazol-4-yl)-2-methoxyiminoacetamido)-3-((1,2 3-thiadiazol-5-yl) thiomethyl)ceph-3-em-4-carboxylic acid

amtizol
(HM) *NARCOTIC ANTAGONISTS
(PA) KETAMINE/antag
(NO) used for recovery of consciousness after ketamine anesthesia; no other information avaliable 3/85

AM toxin I, (2-amino-4-(4-methoxyphenyl)butanoic acid) - see (2-amino-4-(4-methoxyphenyl)butanoic acid)-AM toxin I

AM toxin I, (2-amino-6-(4-methoxyphenyl)hexanoic acid) - see (2-amino-6-(4-methoxyphenyl)hexanoic acid)-AM toxin I

AM toxin I, AMPBA- see (2-amino-4-(4-methoxyphenyl)butanoic acid)-AM toxin I

AM toxin I
(RN) 55070-01-4
(HM) *PEPTIDES, CYCLIC
(II) MYCOTOXINS
(NO) structure given in first source; see also related AM toxin II

AM toxin II
(RN) 56072-96-9
(HM) *PEPTIDES, CYCLIC
(II) MYCOTOXINS
(NO) cyclic tetradepsipeptide from Alternaria mali; see also related AM toxin I; structure

AM toxin III
(RN) 57765-94-3
(SY) AM-toxin III
(HM) *PEPTIDES, CYCLIC
(II) MYCOTOXINS
(NO) structure given in first source

AM-toxin III see AM toxin III

5-AMTP see aminomethyltrioxsalen

AM-VR-methyltransferase see S-adenosylmethionine-vitexin 2"-O-rhamnoside-7-O-methyltransferase

amygdalose see gentiobiose

amyl acetate
(RN) 628-63-7
(SY) pentyl acetate
(HM) *ALCOHOLS, AMYL
(NO) sources do not specify n-isomer

n-amylamine
(RN) 110-58-7
(RR) 142-65-4 (HCl)
(RR) 73200-62-1 (sulfate[2:1])
(SY) n-pentylamine
(HM) *AMINES
(NO) strong irritant; RN given refers to parent cpd; structure

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amylase-trypsin inhibitor
(SY) trypsin-amylase inhibitor
(SY) alpha-amylase-trypsin inhibitor
(HM) *TRYPSIN INHIBITORS
(NO) from ragi grains; inhibits both amylase & trypsin

amyl dimethylaminobenzoate see padimate A

Amylex see phaseolamin

N-amyl-N-methylnitrosamine
(RN) 13256-07-0
(SY) AMNTSAN
(SY) methyl-n-amylnitrosamine
(HM) *NITROSAMINES
(PA) CARCINOGENS

amyl nitrate
(RN) 1002-16-0
(SY) pentyl nitrate
(HM) *ALCOHOLS, AMYL
(HM) *NITRATES

N-amyl-N'-nitro-N-nitrosoguanidine
(RN) 13010-10-1
(SY) ANNG
(HM) METHYLNITRONITROSOGUANIDINE/*analogs
(PA) MUTAGENS

amylodextrin
(RN) 9005-84-9
(SY) amylodextrins
(HM) *DEXTRINS

amylodextrins see amylodextrin

amylo-1,6-glucosidase
(RN) EC 3.2.1.33
(RR) 9012-47-9 (CRN)
(HM) *GLYCOGEN DEBRANCHING ENZYME
(NO) catalyzes endohydrolysis of 1,6-alpha-D-glucoside linkages at points of branching in chains of 1,4-linked alpha-D-glucose residues

amyloid beta-protein (Alzheimer's) see amyloid fibril protein (Alzheimer's)

amyloid P component
(SY) protein AP
(SY) protein SAP
(SY) pentraxin
(HM) *AMYLOID
(NO) highly immunogenic protein found adsorbed to the surface of amyloid fibers; pentagonally structured unit found in tissue & plasma; different from Protein AA & protein SAA; found in normal tissue and plasma; amino acid sequence simmilarity to a constituent of complement C1 named C1t; may be identical to it

amyloid A-degrading activity see amyloid A-degrading serine protease

amyloid A-degrading serine protease
(RN) EC 3.4.21.-
(SY) amyloid A-degrading activity
(SY) AAD-protease
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) reduced in amyloidosis associated with rheumatoid arthritis

amyloid fibril protein AL
(SY) amyloid protein AL
(HM) *AMYLOID
(NO) major protein of amyloid fibrils from patients with localized laryngeal amyloidosis; amino acid sequence given in first source

amyloid fibril protein (Alzheimer's)
(SY) amyloid beta-protein (Alzheimer's)
(SY) ABP (Alzheimer's)
(HM) *AMYLOID
(II) ALZHEIMER'S DISEASE
(NO) only present in Alzheimer's disease

amyloid fibril protein AS-SAM
(SY) AS-SAM
(HM) *AMYLOID
(NO) unique amyloid fibril protein isolated from senescence-accelerated mice; MW 5200; found in mice with amyloidosis

amyloid fibril protein Nis
(SY) AFP-NIS
(HM) *AMYLOID
(NO) found in patient with medullary carcinoma of the thyroid; MW 17,000; amino acid composition given in first source

amyloid fibril protein SKO-III
(SY) protein SKO-III
(HM) *AMYLOID
(NO) MW 14kD; associated with familial amyloidotic polyneuropathy of Jewish type; prealbumin variant with isoleucine replaced by phenylalanine at position 33

amyloid prealbumin
(RN) 87090-18-4
(HM) *PREALBUMIN
(HM) *AMYLOID
(NO) abnormal prealbumin; methionine substituted for valine at position 30; amino acid sequence given in first source

amyloid protein AL see amyloid fibril protein AL

amyloid protein AR
(SY) immunoglobulin-lamda light chain type amyloid-fibril protein AR
(HM) *AMYLOID
(NO) isolated from patient with primary amyloidosis; consists of 154 amino acid residues

amyloid-related apoprotein SAA see apolipoprotein SAA

amylomaltase see 4 alpha-glucanotransferase

amylopectin glucanohydrolase see pullulanase

amylopectin sulfate
(RN) 9047-13-6
(SY) SN-263
(SY) gastramyl
(HM) *AMYLOPECTIN
(NO) antipeptic, anti-ulcer, mucin-like agent prepared by sulfation of potato amylopectin

amylose sulfate see sulfated polysaccharides

amylosulfate sodium
(RN) 9010-01-9
(SY) sodium amylosulfate
(HM) *AMYLOPECTIN
(PA) ANTICOAGULANTS

amyrin
(RN) 559-70-6
(RR) 6811-63-8 ((3alpha)-isomer)
(SY) beta-amyrin
(HM) *TRITERPENES
(NO) RN given refers to (3 beta)-isomer; RN for cpd without isomeric designation not in Chemline 8/2/83

amyrin acetate
(RN) 863-76-3
(SY) beta-amyrin acetate
(HM) *TRITERPENES
(PA) ANTI-INFLAMMATORY AGENTS

AM 2604a see virustomycin A

AM-2604 A see virustomycin A

AM3 see immunoferon

ANA-ADP see 3'-O-(5-azidonaphthoyl)adenosine diphosphate

ANAA-HASE see alpha-N-acylamino acid hydrolase

anabiol
(RN) 1986-53-4
(SY) bolandiol dipropionate
(SY) estr-4-ene-3 beta,17 beta-diol dipropionate
(HM) *ESTRENES
(II) ANABOLIC STEROIDS

ANABP(3) see N-4-azido-2-nitrophenyl-gamma-aminobutyryl-ATP

anacarcin forte
(HM) *PLANT EXTRACTS
(II) PLANTS, MEDICINAL
(NO) from seeds of Semecarpus anacardium

ANAC-BE26 see alpha-N-acetyl beta-endorphin(1-26)

anadur
(RN) 52279-57-9
(SY) nandrolone p-hexyloxyphenylpropionate
(SY) 19-nortestosterone 4-hexoxyphenylpropionate
(HM) NANDROLONE/*analogs
(II) ANABOLIC STEROIDS

anagestone
(RN) 2740-52-5
(HM) *PREGNENES
(II) PROGESTATIONAL HORMONES, SYNTHETIC

anagrelide
(RN) 58579-51-4
(SY) BL 4162A
(SY) 6,7-dichloro-1,5-dihydroimidazo(2,1-b) quinazolin-2(3H)-one.HCl
(HM) *QUINAZOLINES
(PA) FIBRINOLYTIC AGENTS
(II) PLATELET AGGREGATION/drug eff
(NO) RN given refers to parent cpd; RN in Chemline for mono-HCl: 58579-51-4; structure

anahist see thonzylamine

analog II, tamoxifen see tamoxifen analog II

analog-41 see dalargin

analog 41 see dalargin

8-ANANA see 8-O-acetyl-N-acetylneuraminic acid

9-ANANA see 9-O-acetyl-N-acetylneuraminic acid

anandron see RU 23908

A1NAP-Ins see insulin, A1-(2-nitro-4-azidophenyl)-

ANAPP(3) see 3'-O-(3-(N-(4-azido-2-nitrophenyl)amino)propionyl) adenosine-5'-triphosphate

anapsos
(RN) 75919-65-2
(SY) calagualine
(HM) *GLYCOSIDES
(NO) glycoside composed of glucose & fructose & a triterpenic aglycon; isolated from mashed & dried rhizomes of calaguala Polypodium leucotomoss)

ANAPTA-LHRH see LHRH, acetyl-2-(2-naphthyl)-Ala(1)-4-F-Phe(2)-Trp(3)- Arg(6)-

anatase see titanium dioxide

anatase titanium dioxide see titanium dioxide

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anatoxin-a see algae toxins

anatoxin a see algae toxins

anatoxin-a(s) see algae toxins

anatoxin-b see algae toxins

anatoxin-b(s) see algae toxins

anatoxin-c see algae toxins

anatoxin-d see algae toxins

anatoxin I see algae toxins

ANAVACYM
(SY) MEV-A
(HM) DOXORUBICIN
(HM) VINCRISTINE
(HM) CYCLOPHOSPHAMIDE
(HM) METHOTREXATE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above 4 cpds

ANCA see 9-anthroic acid

AN 7 complex
(SY) AN-7 complex
(SY) AN 7A
(SY) AN-7A
(SY) AN 7B
(SY) AN-7B
(SY) AN 7D
(SY) AN-7D
(HM) PEPTIDES
(PA) ANTIBIOTICS
(NO) from Streptomyces griseoincarnatus AJ9424

AN-7 complex see AN 7 complex

ancovenin
(RN) 88201-41-6
(HM) *PEPTIDES
(PA) KININASE II/antag
(NO) from Streptomyces sp.; dialysable peptide composed of 16 amino acid residues

Ancylol see disophenol

ANC 821
(SY) ANC-821
(HM) *QUINUCLIDINES
(PA) CHOLINOLYTICS
(NO) structure given in first source

ANC-821 see ANC 821

andecalin see andekalin

andecalinum see andekalin

andekalin
(SY) andecalin
(SY) andecalinum
(HM) *POVIDONE
(HM) *PANCREATIC EXTRACTS
(HM) DRUG COMBINATIONS
(NO) each set contains pancreatic extract (as lyophilized powder or tablet) 40U + 1.5ml vial of 15% sterile aqueous povidone solution

Androcur see cyproterone acetate

8S androgen receptor-promoting factor
(SY) 8S ARPF
(HM) *PROTEINS
(II) RECEPTORS, ANDROGEN
(NO) protein that converts 4.5S form of androgen receptor to 8S form

3,5s-androgen receptor protein
(SY) particular estrogen-binding protein
(SY) unusual sex steroid-binding protein
(HM) *CARRIER PROTEINS
(II) RECEPTORS, ESTROGEN
(NO) specifically binds estrogens and some androgens; differs from the classical 8s or 4s-forms of liver estrogen receptors; found in cytosol of male rat liver cells but not in female liver cells; can be induced in females by administration of testosterone

andromedotoxin see grayanotoxin I

5,16-androstadien-3 beta-ol synthetase see androsta-5,16-dien-3 beta-ol synthetase

androsta-5,16-dien-3 beta-ol synthetase
(RN) EC 1.-
(SY) pregnenolone side-chain cleavage enzyme
(SY) 5,16-androstadien-3 beta-ol synthetase
(HM) *OXIDOREDUCTASES
(NO) NADPH- & O(2)-dependent

1,4-androstadiene-17-beta-ol-3-one see dehydrotestosterone

1,4-androstadiene-3,17-dione
(RN) 897-06-3
(HM) *ANDROSTADIENES
(NO) structure

androsta-4,6-diene-3,17-dione see 4,6-androstadiene-3,17-dione

4,6-androstadiene-3,17-dione
(RN) 633-34-1
(RR) 4080-56-2 ((9beta,10alpha)-isomer)
(SY) 6-dehydroandrostene-3,17-dione
(SY) androsta-4,6-diene-3,17-dione
(HM) *ANDROSTADIENES
(NO) RN given refers to cpd without isomeric designation

4,16-androstadien-3-one synthesizing enzyme
(RN) EC 1.-
(SY) 4,16-adien-3-one synthase
(HM) *OXIDOREDUCTASES
(NO) requires NADPH; converts progesterone to 4,16-androstadien-3-one

4,16-androstadien-3-one
(RN) 4075-07-4
(HM) *ANDROSTADIENES

androstane
(RN) 24887-75-0
(RR) 438-23-3 ((5beta)-isomer)
(RR) 438-22-2 ((5alpha)-isomer)
(SY) 5 alpha-androstane
(HM) *ANDROSTANES
(NO) RN given refers to cpd without isomeric designation

5-androstane 3,17-diol dipropionate
(RN) 4350-14-5
(RR) 62902-08-3 ((3beta,5alpha,17beta)-isomer)
(SY) 5 alpha-androstane 3 alpha,17 beta-diol dipropionate
(HM) *5-ANDROSTANE-3,17-DIOL/analogs
(NO) RN given refers to (3alpha,5alpha,17beta)-isomer; RN for cpd without isomeric designation not in Chemline 4/84

5-androstane-3,7-diol disulfate
(RN) 89453-66-7
(RR) 55928-42-2 ((3beta,5alpha,17beta)-isomer)
(RR) 21152-49-8 ((3alpha,5alpha,17beta)-isomer)
(SY) 5 alpha-androstane-3 alpha,17 beta-diol 3,17-disulfate
(HM) *5-ANDROSTANE-3,17-DIOL/analogs
(NO) RN given refers to (3beta,5alpha,17alpha)-isomer; RN for cpd without isomeric designation not in Chemline 11/84

3,17-androstanediol glucuronide see androstane-3,17-diol glucuronide

androstane-3,17-diol glucuronide
(RN) 27195-25-1
(RR) 28802-69-9 ((3beta,5alpha,17beta)-isomer)
(RR) 27195-26-2 ((3alpha,5beta,17beta)-isomer)
(SY) 5 alpha-androstane-3 alpha,17 beta-diol glucuronide
(SY) 3-hydroxy-5-androstan-17-yl-glucopyranosiduronic acid
(SY) 3,17-androstanediol glucuronide
(HM) *5-ANDROSTANE-3,17-DIOL/analogs
(NO) RN given refers to cpd with unspecified glucuronide locant

5-androstane-3,17-diol receptors see 5-androstane-3,17-diol receptor

5-androstane-3,17-diol receptor
(SY) receptor, 5-androstane-3,17-diol
(SY) 5-androstane-3,17-diol receptors
(SY) 5-adiol receptor
(HM) *RECEPTORS, ANDROGEN
(II) 5-ANDROSTANE-3,17-DIOL

androstane-3,14-diol
(SY) 5 beta,14 beta-androstane-3 beta,14-diol
(HM) *5-ANDROSTANE-3,17-DIOL/analogs
(NO) lead structure in cardiac glycosides

5-androstane-3,17-dione
(RN) 5982-99-0
(RR) 39012-43-6 ((4-(3)H-labeledcpd-(4alpha,5beta))-isomer)
(RR) 39012-45-8 ((4-(3)H-labeled cpd-(4beta,5beta))-isomer)
(RR) 39057-30-2 ((2-3(H)-labeled cpd-(2beta,5beta))-isomer)
(RR) 51424-48-7 ((2-3(H)-labeled cpd-(2alpha,5beta))-isomer)
(RR) 846-46-8 ((5alpha)-isomer)
(RR) 1229-12-5 ((5beta)-isomer)
(SY) 3,17-dioxy-5 alpha-androstane
(SY) 5 alpha-androstane-3,17-dione
(SY) 5 beta-androstane-3,17-dione
(HM) ETIOCHOLANOLONE/*analogs
(NO) RN given refers to cpd without isomeric designation

androstanolone propionate see dihydrotestosterone propionate

androstan-3-one
(RN) 1224-95-9
(SY) 5 alpha-androstan-3-one
(HM) STANOLONE/*analogs

androsta-1,4,6-triene-3,17-dione
(RN) 633-35-2
(SY) 1,4,6-androstatriene-3,17-dione
(HM) *ANDROSTATRIENES
(NO) blocks aromatization of testosterone to estradiol

1,4,6-androstatriene-3,17-dione see androsta-1,4,6-triene-3,17-dione

androst-16-en-3 alpha-ol see 5 alpha-androst-16-en-3 alpha-ol

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androst-16-en-3 beta-ol sulfotransferase
(RN) EC 2.8.2.-
(SY) AEBO sulfotransferase
(HM) *SULFURTRANSFERASES
(NO) a beta sulfotransferase

4-androstene-3 alpha,17 beta-diol
(RN) 1852-61-5
(RR) 15216-04-3 ((3beta,17alpha)-isomer)
(RR) 3105-78-0 (T(-3)-4-(14)C-labeled cpd)
(RR) 15183-38-7 ((3alpha,17alpha)-isomer)
(RR) 1156-92-9 ((3beta,17beta)-isomer)
(RR) 17218-62-1 (unspecified stereochemistry)
(HM) *ANDROSTENEDIOLS
(NO) RN given refers to (3alpha,17beta)-isomer

5-androstene-3 beta,16 alpha,17 beta- triol
(RN) 4150-30-5
(HM) *ANDROSTENOLS
(NO) structure

5-androstene-3 beta,17 beta-diol sulfate
(RN) 60825-60-7
(RR) 25654-87-9 (monosulfate)
(RR) 27073-60-5 ((17alpha)-isomer)
(HM) *5-ANDROSTENE-3,17-DIOL/analogs
(NO) sulfate conjugate; RN given refers to cpd with unspecified locant for sulfate

androstenedione 17 alpha-oxidoreductase
(RN) EC 1.1.1.-
(SY) steroid 17alpha oxidoreductase
(HM) *TESTOSTERONE DEHYDROGENASES
(NO) forms epitestosterone

4-androstene-3,17-dione-19-al see 19-oxo-delta(4) androstene-3,17-dione

androstenedione-7-carboxyethylthioether-human serum albumin see polyandroalbumin

Androst-4-ene-3,17-dione, mixt. with (17beta)-17-hydroxyandrost-4-en-3-one, 3-hydroxyestra-1,3,5(10)-trien-17-one, (3beta)-3-hydroxypregn-5-en-20-one and thyroid hormones see metharmon F

4-androstene-3-one-17 beta-carboxylic acid see testosterone formate

4-androstene-3,11,17-trione see adrenosterone

androst-4-ene-3,6,17-trione
(RN) 2243-06-3
(HM) *ANDROSTENES

16-androstene
(RN) 16506-82-4
(RR) 6618-43-5 ((5alpha)-isomer)
(HM) *ANDROSTENES
(NO) RN given for cpd without isomeric designation

4-androsten-3-one-17 beta-carboxylic acid
(RN) 302-97-6
(SY) AOBCA
(HM) *ANDROSTENES
(PA) TESTOSTERONE 5-ALPHA-REDUCTASE/antag

5-androst-16-en-3-one receptors see 5 alpha-androst-16-en-3-one receptor

androsterone glucuronide
(RN) 1852-43-3
(RR) 4271-00-5 ((3beta,5alpha)-isomer)
(RR) 21085-76-7 (Na salt(3alpha,5alpha)-isomer)
(RR) 3602-09-3 ((beta-D)-isomer)
(RR) 21085-77-8 (Na salt(3alpha,5beta)-isomer)
(SY) etiocholanolone glucuronide
(HM) ANDROSTERONE/*analogs
(NO) RN given refers to (3alpha,5alpha)-isomer

androsterone sulfate
(RN) 2479-86-9
(RR) 22229-22-7 (Na salt(3beta,5alpha)-isomer)
(RR) 7231-50-7 ((3beta,5alpha)-isomer)
(RR) 1852-41-1 (Na salt)
(RR) 977-36-6 ((3alpha,5beta)-isomer)
(RR) 977-35-5 ((3beta,5alpha)-isomer)
(RR) 7231-50-7 ((3beta,5beta)-isomer)
(RR) 2681-45-0 (Na salt(3alpha,5beta)-isomer)
(HM) ANDROSTERONE/*analogs
(NO) RN given refers to (3alpha,5alpha)-isomer; RN for cpd without isomeric designation not in Chemline 6/13/83

ANDS see 3-azido-2,7-naphthalene disulfonate

andursil
(RN) 55874-20-9
(RR) 55874-19-6 (tablet form)
(SY) brimos
(HM) *ALUMINUM HYDROXIDE
(HM) *MAGNESIUM HYDROXIDE
(HM) *DIMETHYLPOLYSILOXANES
(HM) DRUG COMBINATIONS
(PA) ANTACIDS
(NO) contains aluminum hydroxide, magesium hydroxide, magnesium carbonate & dimethylpolsiloxane; RN given refers to liquid form

D and C Yellow No. 7 see fluorescein

D and C Yellow No. 8 see fluorescein

ANEAG see N-epsilon-acetimidoglucagon-Ala(1)

anemaran
(SY) anemaran A
(SY) anemaran B
(SY) anemaran C
(SY) anemaran C
(SY) anemarans
(HM) *POLYSACCHARIDES
(PA) HYPOGLYCEMIC AGENTS
(II) PLANTS, MEDICINAL
(NO) from Anemarrhena asphodeloides rhizomes

anemaran A see anemaran

anemaran B see anemaran

anemaran C see anemaran

anemaran C see anemaran

anemarans see anemaran

Anemonia sulcata toxin I see toxin I (Anemonia sulcata)

Anemonia sulcata toxin II see toxin II (Anemonia sulcata)

anemonia toxin II see toxin II (Anemonia sulcata)

Anesoxyn-50 see Entonox

trans-anethole see anethole

anethole
(RN) 104-46-1
(RR) 25679-28-1 ((Z)-isomer)
(RR) 4180-23-8 ((E)-isomer)
(SY) p-propenylanisole
(SY) trans-anethole
(HM) *ANISOLES
(II) FLAVORING AGENTS
(NO) RN given refers to unspecified stereoisomer; structure in Merck Index, 9th ed, #678

ANF-7,8-diol see alpha-naphthoflavone-7,8-dihydrodiol

ANF IV see atriopeptin 25

ANF precursors see atrial natriuretic factor precursors

ANF receptor see atrial natriuretic factor receptor

ANFT
(RN) 38514-71-5
(RR) 74857-92-4 (2-(14)C-labeled cpd)
(SY) 2-amino-4-(5-nitro-2-furyl)thiazole
(HM) *FANFT/analogs
(PA) CARCINOGENS
(PA) MUTAGENS
(NO) RN given refers to unlabeled cpd

ANF (101-126) see atrial natriuretic factor (8-33)

ANF (1-16) see atrial natriuretic factor (1-16)

ANF-26 see atrial natriuretic factor 26

ANF(8-33) see atrial natriuretic factor (8-33)

angelicae sinensis
(HM) *PLANT EXTRACTS
(II) PLANTS, MEDICINAL
(NO) isolated from the root of Angelicae sinensis; used in therapy of acute ischemia

angelicin
(RN) 523-50-2
(SY) isopsoralen
(HM) *PSORALENS
(PA) TRANQUILIZING AGENTS
(PA) ANTICONVULSANTS
(II) INTERCALATING AGENTS
(NO) used as tranquillizer; sedative; or anticonvulsant, structure

4-ANGH see N-(4-azido-2-nitrophenyl)glycyl hydrazide

angiogenesis factor inhibitors
(SY) tumor angiogenesis factor inhibitors
(SY) antiinvasion factors
(HM) *PROTEINS
(PA) ANGIOGENESIS FACTOR/antag
(NO) proteins obtained from cartilage & some other tissues which prevent angiogenesis of tumors; can also be useful in other diseases involving abnormal proliferation of blood vessels such as diabetic retinopathy & retrolental fibroplasia as well as processes involving resorption of bone

angiokines
(SY) angiokine 1
(SY) angiokine 2
(SY) angiokine 3
(HM) *LYMPHOKINES
(II) NEOVASCULARIZATION
(NO) angiogenic lymphokines involved in capillary development

angiokine 1 see angiokines

angiokine 2 see angiokines

angiokine 3 see angiokines

angiotensinase A see aspartate aminopeptidase

angiotensinase C see proline carboxypeptidase

angiotensin I, 1-Asn-5-Val-9-Gly-
(SY) angiotensin I, 1-asparaginyl-5-valyl-9-glycine-
(SY) 1-Asn-5-Val-9-Gly-angiotensin I
(SY) 1-asparaginyl-5-valyl-9-glycine angiotensin I
(SY) AVGA I
(HM) *ANGIOTENSIN I/analogs
(NO) from plasma of American eel, Anquilla rostrata

angiotensin I, 1-Asn-5-Val-9-His-
(SY) angiotensin I, 1-asparaginyl-5-valyl-9-histidine
(SY) 1-Asn-5-Val-9-His-angiotensin I
(SY) 1-asparaginyl-5-valyl-9-histidine angiotensin I
(HM) ANGIOTENSIN I/*analogs
(NO) organ non-specific in goosefish & salmon

angiotensin I, 1-asparaginyl-5-valyl-9-glycine- see angiotensin I, 1-Asn-5-Val-9-Gly-

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angiotensin I, 1-asparaginyl-5-valyl-9-histidine see angiotensin I, 1-Asn-5-Val-9-His-

angiotensin converting enzyme inhibitor see angiotensin II converting enzyme inhibitor

angiotensin I, de-leucine(10)- see angiotensin I, des-Leu(10)-

angiotensin I, desaspartic acid- see angiotensin I, des-Asp-

angiotensin I, des-Asp-

(RN) 58799-62-5
(SY) 1-de-L-aspartic acid angiotensin I
(SY) angiotensin I, desaspartic acid-
(SY) desaspartic acid angiotensin I
(SY) des-Asp-angiotensin I
(SY) (des-Asp)angiotensin I
(HM) *ANGIOTENSIN I/analogs
(NO) nonapeptide; structure

angiotensin I, des-Leu(10)-

(RN) 25673-02-3
(RR) 34273-12-6 (5-Ile cpd)
(SY) des-Leu(10)-angiotensin I
(SY) des-leucine(10)-angiotensin I
(SY) angiotensin I, de-leucine(10)-
(HM) *ANGIOTENSIN I/analogs
(NO) major product of platelet-dependent angiotensin I metabolism; RN given refers to 5-Val cpd

angiotensin II, 1-Aib

(RN) 53462-47-8
(SY) angiotensin II, 1-alpha-aminoisobutyric acid
(SY) 1-Aib-angiotensin II
(SY) 1-alpha-aminoisobutyric acid-angiotensin II
(HM) ANGIOTENSIN II/*analogs
(PA) ANTIHYPERTENSIVE AGENTS

angiotensin II, Ala-Pro-Gly-3-Ile-5-Val- see crinia-angiotensin

angiotensin II, 1-alpha-aminoisobutyric acid see angiotensin II, 1-Aib

angiotensin II, N-(alpha)-(N-fluoresceinthiocarbamoyl) -1-aspartyl-5-isoleucine- see angiotensin II, N-(alpha)-(N-fluoresceinthiocarbamoyl) -1-Asp-5-Ile-

angiotensin II, N-(alpha)-(N-fluoresceinthiocarbamoyl)-1-Asp-5-Ile-

(SY) FTC-AIA
(SY) angiotensin II, N-(alpha)-(N-fluoresceinthiocarbamoyl)-1-aspartyl-5- isoleucine-
(HM) ANGIOTENSIN II/*analogs
(II) FLUORESCENT DYES
(NO) structure given in first source

angiotensin II, 1-aspartyl-5-valine- see angiotensin II, 1-Asp-5-Val-

angiotensin II, 1-Asp-5-Val-

(RN) 53-75-8
(RR) 63-16-1 ((D-Asp-L-Val)-isomer)
(RR) 63-17-2 ((D-beta-Asp-L-Val)-isomer)
(SY) aspartyl(1)-valyl(5)-angiotensin II
(SY) angiotensin II, 1-aspartyl-5-valine-
(SY) 1-aspartyl-5-valine angiotensin II
(SY) 1-Asp-5-Val-angiotensin II
(SY) 5-valyl angiotensin II
(HM) ANGIOTENSIN II/*analogs
(NO) RN given refers to (L-Asp-L-Val)-isomer

angiotensin II converting enzyme inhibitor

(SY) CEI
(SY) Converting enzyme inhibitor
(SY) angiotensin converting enzyme inhibitor
(SY) nonapeptide converting-enzyme inhibitor
(SY) Glu-Trp-Pro-Arg-Pro-Glu-Ile-Pro-Pro-OH
(SY) bradykinin potentiator B, 2-L-tryptophan-3-de-L-leucine-4-de-L-proline-8-L-glutamine
(HM) *OLIGOPEPTIDES
(PA) ENZYME INHIBITORS
(PA) KININASE II/antag
(NO) nonapeptide which prevents the formation of angiotensin II; structure

angiotensin II, 1-desaspartyl-2-desarginine- see angiotensin II, 1-des-Asp-2-des-Arg-

angiotensin II, 1-desaspartyl-5-isoleucine- see angiotensin II, 1-des-Asp-5-Ile-

angiotensin II, 1-des-Asp-2-des-Arg-

(RN) 12676-15-2
(SY) angiotensin II, 1-desaspartyl-2-desarginine-
(SY) 1-des-Asp-2-des-Arg-angiotensin II
(SY) 1-desaspartyl-2-desasparagine angiotensin II
(SY) 1-de-L-aspartic acid-2-de-L-arginineangiotensin II
(SY) angiotensin II (3-8) hexapeptide
(HM) ANGIOTENSIN III/*analogs

angiotensin II, 1-des-Asp-5-Ile-

(RN) 13602-53-4
(SY) angiotensin II, 1-desaspartyl-5-isoleucine-
(SY) 1-desaspartyl-5-isoleucine angiotensin II
(SY) 1-des-Asp-5-Ile-angiotensin II
(SY) des-Asp(1)-(Ile(5))-angiotensin II
(SY) angiotensin III, 5-Ile-
(SY) 5-Ile-angiotensin III
(HM) ANGIOTENSIN III/*analogs

angiotensin II (3-8) hexapeptide see angiotensin II, 1-des-Asp-2-des-Arg-

angiotensin III, 5-Ile- see angiotensin II, 1-des-Asp-5-Ile-

angiotensin III, 8-Ile-

(RN) 56451-37-7
(SY) 1-de-L-aspartic acid-8-L-isoleucineangiotensin II
(SY) des-Asp-1 Ile-8 AII
(SY) isoleucine-7 AIII
(SY) Ile(7)-AIII
(SY) angiotensin III, 8-isoleucine-
(SY) 8-isoleucine angiotensin III
(SY) 8-Ile-angiotensin III
(HM) ANGIOTENSIN III/*analogs
(PA) ANGIOTENSIN III/antag
(NO) heptapeptide angiotensin III analog

angiotensin III, 8-isoleucine- see angiotensin III, 8-Ile-

angiotensin II, 8-Ile-

(RN) 9088-02-2
(SY) (isoleucine (8))angiotensin II
(SY) 8-L-isoleucineangiotensin II
(SY) angiotensin II, 8-isoleucine-
(SY) 8-isoleucine angiotensin II
(SY) 8-Ile-angiotensin II
(HM) ANGIOTENSIN II/*analogs
(PA) ANGIOTENSIN II/antag

angiotensin II, 8-isoleucine- see angiotensin II, 8-Ile-

angiotensin II, 1-malyl-8-leucine- see angiotensin II, 1-malyl-8-Leu-

angiotensin II, 1-malyl-8-Leu-

(RN) 85708-72-1
(SY) 1-malyl-8-leucine-angiotensin II
(SY) angiotensin II, 1-malyl-8-leucine-
(SY) 1-malyl-8-Leu-angiotensin II
(HM) ANGIOTENSIN II/*analogs

angiotensin II, 1-malyl-

(RN) 85708-73-2
(SY) 1-malyl-angiotensin II
(HM) ANGIOTENSIN II/*analogs

angiotensin II, 1-sarcosyl-8-glycine- see angiotensin II, 1-Sar-8-Gly-

angiotensin II, 1-sarcosyl-5-isoleucine- see angiotensin II, 1-Sar-5-Ile-

angiotensin II, 1-sarcosyl-5-isoleucyl-8-glycine- see angiotensin II, 1-Sar-5-Ile-8-Gly-

angiotensin II, 1-sarcosyl-8-leucine- see sarleucin

angiotensin II, 1-sarcosyl-4-methyltyrosine- see angiotensin II, 1-Sar-4-methyl-Tyr-

angiotensin II, 1-sarcosyl-8-threonine- see angiotensin II, 1-Sar-8-Thr-

angiotensin II, 1-sarcosyl-5-valyl- see angiotensin II, 1-Sar-5-Val-

angiotensin II, 1-Sar-8-Gly-

(RN) 50642-32-5
(SY) (1-sarcosine,8-glycine)angiotensin II
(SY) angiotensin II, 1-sarcosyl-8-glycine-
(SY) 1-sarcosyl-8-glycine angiotensin II
(SY) 1-Sar-8-Gly-angiotensin II
(HM) ANGIOTENSIN II/*analogs
(PA) ANGIOTENSIN II/antag

angiotensin II, 1-Sar-5-Ile-8-Gly-

(RN) 51887-62-8
(SY) 1-Sar-5-Ile-8-Gly-angiotensin II
(SY) 1-sarcosyl-5-isoleucyl-8-glycine angiotensin II
(SY) angiotensin II, 1-sarcosyl-5-isoleucyl-8- glycine-
(HM) ANGIOTENSIN II/*analogs
(PA) ANGIOTENSIN II/antag

angiotensin II, 1-Sar-5-Ile-

(RN) 51833-69-3
(RR) 85848-63-1 ((5-L-allo-Ile)-isomer)
(RR) 82043-64-9 ((7-D-Pro)-isomer)
(SY) Sar(1)-Ile(5)-angiotensin II
(SY) 1-Sar-5-Ile-angiotensin II
(SY) 1-sarcosyl-5-isoleucine angiotensin II
(SY) angiotensin II, 1-sarcosyl-5-isoleucine-
(SY) angiotensin II, 1-Sar-
(HM) ANGIOTENSIN II/*analogs
(PA) ENZYME INHIBITORS
(II) VASOCONSTRICTION/drug eff
(NO) RN given refers to (5-L-Ile)-isomer; RN for cpd without isomeric designation not in Chemline 5/84

angiotensin II, 1-Sar-8-Leu- see sarleucin

angiotensin II, 1-Sar-4-methyl-Tyr-

(SY) 1-Sar-4-methyl-Tyr-angiotensin II
(SY) 1-sarcosyl-4-methyltyrosine-angiotensin II
(SY) angiotensin II, 1-sarcosyl-4-methyltyrosine-
(SY) SMT-angiotensin II
(HM) ANGIOTENSIN II/*analogs
(PA) ANGIOTENSIN II/antag

angiotensin II, 1-Sar-8-Thr-

(RN) 56832-47-4
(SY) 1-Sar-8-Thr-angiotensin II
(SY) angiotensin II, 1-sarcosyl-8-threonine-
(SY) 1-sarcosyl-8-threonine angiotensin II
(SY) (1-sarcosine-8-threonine)angiotensin II
(HM) ANGIOTENSIN II/*analogs
(PA) ANGIOTENSIN II/antag

angiotensin II, 1-Sar-5-Val-

(RN) 51274-62-5
(SY) 1-sarcosyl-5-valyl-angiotensin II
(SY) angiotensin II, 1-sarcosyl-5-valyl-
(SY) 1-Sar-5-Val-angiotensin
(HM) ANGIOTENSIN II/*analogs
(NO) RN given refers to L-Val; RN for cpd without isomeric designation not in Chemline 5/84

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angiotensin II, 1-Sar- see angiotensin II, 1-Sar-5-Ile-

angiotensin II, 1-succinamoyl-5-Val-8-PhGly- see arfalasin

angiotensin I, 5-Ile-
(RN) 484-42-4
(SY) angiotensin I, 5-isoleucine-
(SY) 5-Ile-angiotensin I
(SY) 5-isoleucine-angiotensin I
(HM) *ANGIOTENSIN I/analogs
(NO) RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 9/85

angiotensin I, 5-isoleucine- see angiotensin I, 5-Ile-

angiotensin I (Phe 8-His 9) hydrolase
(RN) EC 3.4.15.-
(SY) atypical angiotensin converting enzyme
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) cleaves the COOH-terminal dipeptide His(9)-Leu(10) from the decapeptide angiotensin I

angiotensin I, 1-Sar-7-Ala-
(RN) 78809-84-4
(RR) 84166-54-1 (5-Ile cpd)
(SY) angiotensin I, 1-sarcosyl-7-alanine
(SY) 1-sarcosyl-7-alanine angiotensin I
(SY) 1-Sar-7-Ala-angiotensin I
(HM) *ANGIOTENSIN I/analogs
(NO) has potent inotropic but weak pressor activities

angiotensin I, 1-sarcosyl-7-alanine see angiotensin I, 1-Sar-7-Ala-

angiotensin I, 5-Val-
(RN) 484-43-5
(SY) 5-valyl angiotensin I
(SY) angiotensin I, 5-valyl-
(HM) ANGIOTENSIN I/*analogs
(NO) isolated from bovine brain

angiotensin I, 5-valyl- see angiotensin I, 5-Val-

angiovist 370 see urovision

angiten BO1 see antigen Boston 1

angolon see imolamine

Angravid see bisecurin I

anguidine see diacetoxyscirpenol

angustmycin A
(RN) 2004-04-8
(SY) U 7984
(SY) decoyinine
(SY) U-7984
(SY) decoyinin
(HM) ADENOSINE/analogs
(PA) ANTIBIOTICS
(NO) structure; from Streptomyces hygroscopicus; inhibits GMP synthesis

anhydrite
(RN) 14798-04-0
(SY) anhydrous calcium sulfate
(HM) *CALCIUM
(HM) *SULFATES
(NO) causes skin irritation of coal miners

2,7-anhydro-N-acetylneuraminic acid
(SY) 2,7-AHANA
(HM) *SIALIC ACIDS
(NO) from human wet cerumen

anhydro-aklavinone see monoanhydroaklavinone

2,5-anhydro-D-altritol see 2,5-anhydrotalitol

anhydro-ara-5-fluorocytosine see 5-fluoro-2,2'-cyclocytidine

2,2'-anhydro-aThy see 2,2'-anhydro-1-beta-arabinofuranosylthymine

2,2'-anhydro-1-beta-arabinofuranosylthymine
(RN) 22423-26-3
(SY) 2,2'-anhydro-11-beta-D-arabinofuranosylthymine
(SY) 2,2'-anhydro-aThy
(HM) *ARABINONUCLEOSIDES
(PA) ANTIVIRAL AGENTS

2,2'-anhydro-11-beta-D-arabinofuranosylthymine see 2,2'-anhydro-1-beta-arabinofuranosylthymine

2,6-anhydro-1-deoxy-D-galacto-hept-1-enitol see 2,6-anhydro-1-deoxygalacto-hept-1-enitol

2,6-anhydro-1-deoxygalacto-hept-1-enitol
(RN) 62771-96-4
(SY) 2,6-anhydro-1-deoxy-D-galacto-hept-1-enitol
(HM) *SUGAR ALCOHOLS
(II) AFFINITY LABELS
(NO) RN given refers to (D)-isomer; RN from CA Vol 90 Form Index; RN for cpd without isomeric designation not in Chemline 7/29/83; structure given in first source

2,6-anhydro-1-deoxy-D-gluco-hept-1-enitol see 2,6-anhydro-1-deoxygluco-hept-1-enitol

2,6-anhydro-1-deoxygluco-hept-1-enitol
(RN) 74310-30-8
(SY) ADGHE
(SY) 2,6-anhydro-1-deoxy-D-gluco-hept-1-enitol
(SY) heptenitol
(HM) *SUGAR ALCOHOLS
(NO) structure given in first source

2,5-anhydro-1-deoxy-1-phosphonoaltritol
(RN) 86762-89-2
(RR) 90693-28-0 (di-Li salt)
(SY) 2,5-anhydro-1-deoxy-1-phosphono-D-altritol
(SY) 2,5-APAT
(HM) *HEXOSEPHOSPHATES
(NO) RN & structure given in first source; RN given refers to (D)-isomer; RN for cpd without isomeric designation not in Chemline 9/84

2,5-anhydro-1-deoxy-1-phosphono-D-altritol see 2,5-anhydro-1-deoxy-1-phosphonoaltritol

1,5-anhydro-2-deoxy-5-thio-D-arabino-hex-1-enitol see 5-thioglucal

anhydro-4-epitetracycline see 5a,6-anhydrotetracycline

anhydrogalacturonic acid
(RN) 34150-36-2
(HM) *URONIC ACIDS
(NO) RN given refers to (D)-isomer; RN for cpd without isomeric designation not in Chemline 12/1/83

1,5-anhydroglucitol
(RN) 154-58-5
(SY) 1-deoxyglucose
(HM) *DEOXYGLUCOSE
(II) ISOMERISM
(NO) structure

anhydroleucovorin see 5,10-methenyltetrahydrofolate

2,5-anhydro-D-mannitol-1-phosphate see 2,5-anhydromannitol 1-phosphate

2,5-anhydromannitol 1-phosphate
(RN) 52011-52-6
(SY) 2,5-AHMP
(SY) 2,5-anhydro-D-mannitol-1-phosphate
(HM) *MANNITOL PHOSPHATES

1,5-anhydro-mannitol
(RN) 492-93-3
(SY) 1,5-anhydro-D-mannitol
(HM) MANNITOL/*analogs

1,5-anhydro-D-mannitol see 1,5-anhydro-mannitol

2,5-anhydromannitol
(RN) 41107-82-8
(RR) 34828-64-3 ((D)-isomer)
(HM) MANNITOL/*analogs
(NO) RN given refers to cpd with specified locants

anhydroretinol see anhydrovitamin A

2,5-anhydrotalitol
(SY) 2,5-anhydro-D-talitol
(SY) 2,5-anhydro-D-altritol
(HM) *SUGAR ALCOHOLS

2,5-anhydro-D-talitol see 2,5-anhydrotalitol

5a,6-anhydrotetracycline
(RN) 1665-56-1
(RR) 13803-65-1 (HCl(4S-(4alpha,4aalpha,12aalpha))-isomer)
(RR) 4465-65-0 (HCl(4R-(4alpha,4abeta,12abeta))-isomer)
(RR) 7518-17-4 ((4R-(4alpha,4abeta,12abeta))-isomer)
(SY) 4-epianhydrotetracycline
(SY) anhydro-4-epitetracycline
(HM) *TETRACYCLINES
(NO) impurity in pahrmaceutical preparations of tetracycline; RN given refers to (4S-(4alpha,4aalpha,12aalpha))-isomer; RN for cpd without isomeric designation not in Chemline 11/5/83

1,2-anhydro-3,4,6-tri-O-benzyl-beta-mannopyranose
(SY) ATBMP
(SY) 1,2-anhydro-3,4,6-tri-O-benzyl-beta-D-mannopyranose
(HM) *MANNOSIDES
(NO) structure given in first source

1,2-anhydro-3,4,6-tri-O-benzyl-beta-D-mannopyranose see 1,2-anhydro-3,4,6-tri-O-benzyl-beta-mannopyranose

anhydrotrypsin
(HM) *TRYPSIN
(NO) Serine-183 is replaced by dehydroalanine

anhydrous calcium sulfate see anhydrite

trans-anhydrovitamin A see anhydrovitamin A

anhydrovitamin A
(RN) 1224-78-8
(SY) anhydroretinol
(SY) trans-anhydrovitamin A
(HM) VITAMIN A/*analogs
(NO) RN given refers to (all-E)-isomer; RN for cpd without isomeric designation not in Chemline 8/31/83; structure given in first source

6-ANH see 6-(2-nitro-4-azidophenylamino)caproate

AN-201 II see AN 201 II

AN 201 II
(SY) N-beta-acetylstreptothricin D
(SY) AN-201 II
(HM) *STREPTOTHRICINS
(NO) from Streptomyces sp. NCIB 11813

anilazine see dyrene

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aniline
(RN) 62-53-3
(RR) 36296-19-2 (Al salt)
(RR) 17032-11-0 (conjugate acid)
(RR) 51004-15-0 (di-HF)
(RR) 45497-73-2 (HI)
(RR) 542-11-0 (HBr)
(RR) 142-04-1 (HCl)
(RR) 542-13-2 (HF)
(RR) 16346-76-2 ((14)C-labeled cpd)
(RR) 36663-09-9 (HCl-(14)C-labeled cpd)
(RR) 35805-35-7 (3H-labeled cpd)
(RR) 53894-37-4 (Mg[1:1] salt)
(RR) 20732-26-7 (mono-Li salt)
(RR) 14796-11-3 (perchlorate)
(RR) 37832-42-1 (phosphate [1:1])
(RR) 41603-55-8 (phosphate [1:2])
(RR) 17843-02-6 (phosphate [2:1])
(RR) 33921-12-9 (phosphonate [1:1])
(RR) 34475-46-2 (ion(1+))
(RR) 1865-45-8 (Na salt)
(RR) 20305-50-4 (sulfate)
(RR) 2424-53-5 (monosulfate)
(RR) 542-16-5 (sulfate [2:1])
(RR) 18960-62-8 ((13)C-labeled cpd)
(RR) 55147-73-4 (2-(13)C-labeled cpd)
(RR) 55147-72-3 (3-(13)C-labeled cpd)
(RR) 36559-14-5 ((14)C-labeled cpd)
(RR) 7022-92-6 (15N-labeled cpd)
(RR) 41498-56-0 (HCl-(15)N-labeled cpd)
(RR) 29607-68-9 (diphosphate [1:1])
(RR) 56134-84-0 (diphosphate [3:1])
(RR) 56134-83-9 (diphosphate [4:1])
(RR) 38527-84-3 (sulfate[2:1] (14)C-labeledcpd)
(RR) 55147-71-2 (4-(13)C-labeled cpd)
(RR) 542-15-4 (nitrate)
(HM) *ANILINE COMPOUNDS
(NO) RN given refers to parent cpd

aniline blue
(RN) 8004-91-9
(HM) *FLUORESCENT DYES
(NO) fluorochrom widely used by botanists

anilinium tripolyphosphate
(SY) AnTPP
(HM) *ANILINE COMPOUNDS
(II) INDICATORS AND REAGENTS
(NO) glycine polymerization reagent

9-anilinoacridine
(RN) 3340-22-5
(HM) *AMINOACRIDINES

anilino-N-2-m-chlorophenoxypropylacetamidine see BW 501C

2-anilinoethanol see N-phenylethanolamine

3-(1-anilinoethylidene)-5-benzylpyrrolidine-2,4-dione see TN 16

anilinomethanesulfonate
(RN) 103-06-0
(RR) 26021-90-9 (Na salt)
(SY) anilino-N-methanesulfonic acid
(HM) *METHANESULFONATES
(NO) RN given refers to parent cpd

anilino-N-methanesulfonic acid see anilinomethanesulfonate

1-anilino-8-naphthalenesulfonate
(RN) 82-76-8
(RR) 20096-52-0 (3H-labeled cpd)
(RR) 60543-22-8 (mono-NH4 hemihydrate)
(RR) 28836-03-5 (mono-NH4)
(RR) 18108-68-4 (Mg [2:1])
(RR) 1445-19-8 (mono-Na)
(SY) 8-anilino-1-naphthalenesulfonate
(HM) *ANILINO NAPHTHALENESULFONATES
(II) FLUORESCENT DYES
(NO) RN given refers to parent cpd

8-anilino-1-naphthalenesulfonate see 1-anilino-8-naphthalenesulfonate

6-anilino-1-naphthalenesulfonic acid
(RN) 83662-03-7
(SY) 6-ANSA
(HM) *ANILINO NAPHTHALENESULFONATES

2-anilinonaphthalene see Neozone

N-(1-anilinonaphthalyl)-4-maleimide
(RN) 50539-45-2
(SY) N-(1-anilinonaphthyl-4-)-maleimide
(SY) ANM
(HM) *MALEIMIDES
(II) INDICATORS AND REAGENTS

N-(1-anilinonaphthyl-4-)-maleimide see N-(1-anilinonaphthalyl)-4-maleimide

6-anilino-5,8-quinolinedione see LY 83583

animal lectins
(HM) *LECTINS

anionic hypothalamus-derived growth factor see hypothalamus-derived growth factor

anionized ferritin
(HM) *FERRITIN
(NO) reduces vascular permeability & total hydraulic conductivity

anion-sensitive ATPase see bicarbonate ATPase

anion transport membrane protein (erythrocyte membrane) see anion transport proteins

anion transport proteins
(SY) erythrocyte membrane anion transport protein
(SY) EMATP
(SY) anion transport proteins (hepatocyte plasma membrane)
(SY) anion transport membrane protein (erythrocyte membrane)
(SY) ATPHPM
(SY) organic anion transport proteins
(HM) *CARRIER PROTEINS

anion transport proteins (hepatocyte plasma membrane) see anion transport proteins

anipamil
(RN) 83200-10-6
(HM) *PROPYLAMINES
(PA) CALCIUM CHANNEL BLOCKERS
(NO) RN from USAN; RN not in Chemline 6/85; structure given in first source

aniracetam
(RN) 72432-10-1
(RR) 75878-25-0 (cpd with unspecified locant for methoxy group)
(SY) 1-anisoyl-2-pyrrolidinone
(SY) Ro 13-5057
(SY) Ro-13-5057
(SY) 1-(4-methoxybenzoyl)-2-pyrrolidinone
(HM) *PYRROLIDINONES
(NO) mental performance enhancer; RN given refers to cpd with locant for methoxy group in position 4 & from USAN 1983

anisatin
(RN) 51372-90-8
(RR) 5230-87-5 (1S-(1alpha,4beta,5beta,6beta,7beta,9alpha,9abeta)-isomer)
(SY) shikimin
(HM) *SPIRO COMPOUNDS
(PA) GABA/antag
(II) PLANTS, TOXIC
(II) NEUROTOXINS
(NO) RN given refers to cpd without isomeric designation

p-anisidine see 4-anisidine

4-anisidine
(RN) 104-94-9
(RR) 20265-97-8 (HCl)
(RR) 28965-97-1 (conjugate monoacid)
(SY) p-anisidine
(SY) para-anisidine
(HM) *ANILINE COMPOUNDS
(NO) RN given refers to parent cpd

anisodamine
(RN) 55869-99-3
(RR) 56193-49-8 (HBr salt)
(SY) 6-hydroxyhyoscyamine
(HM) *SOLANACEOUS ALKALOIDS
(PA) PARASYMPATHOLYTICS
(PA) VASODILATOR AGENTS
(NO) alkaloid isolated from Chinese solanacea plant; anticholinergicdrug with strong spasmolytic property; RN given refers to (1R-(1alpha,3beta,(S*),5alpha,6alpha))-isomer; structure

anisodine
(RN) 52646-92-1
(RR) 76822-34-9 (HCl)
(HM) *SCOPOLAMINE DERIVATIVES
(NO) RN given refers to parent cpd; structure

anisodinic acid
(RN) 85700-56-7
(HM) *PHENYLACETATES
(NO) side chain of anisodine; structure given in first source

4-anisoyl activator-free plasmin see BRL 26920

p-anisoylated streptokinase-plasminogen complex see BRL 26921

1-anisoyl-2-pyrrolidinone see aniracetam

S-anisylformamidino-4-(N-methylisothioamide) morpholine dihydrochloride see S-anisylformamidino-4-(N-methylisothioamide)morpholine

S-anisylformamidino-4-(N-methylisothioamide)morpholine
(SY) AFM1MD
(SY) S-anisylformamidino-4-(N-methylisothioamide) morpholine dihydrochloride
(HM) *MORPHOLINES
(PA) RADIATION PROTECTIVE AGENTS
(NO) structure given in first source

p-anisyltetrazolium blue see 4-anisyltetrazolium blue

4-anisyltetrazolium blue
(SY) p-anisyltetrazolium blue
(SY) ATB
(HM) *TETRAZOLIUM SALTS

anit-8,9-diol 10,11-oxide benz(a)anthracene see 8,9-dihydro-8,9-dihydroxybenzanthracene 10,11-oxide

A1(2-nitro-4-azidophenyl)insulin see insulin, A1-(2-nitro-4-azidophenyl)-

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ankyrin
(SY) goblin
(HM) *MEMBRANE PROTEINS
(NO) high affinity membrane attachment site for human erythrocyte spectrin

ANLS see N-acetylneuraminoyllactose sulfate ester

ANM see N-(1-anilinonaphthalyl)-4-maleimide

Anna Pavala Sindhooram
(RN) 72625-96-8
(HM) *PLANT EXTRACTS
(HM) *MINERALS
(PA) ANTICHOLESTEREMIC AGENTS
(NO) prepared from green vitreol, Corallium rubrum and herbal juices

ANNG see N-amyl-N'-nitro-N-nitrosoguanidine

anordrin
(RN) 56470-64-5
(RR) 64682-11-7 ((2alpha,5alpha,17alpha)-isomer)
(SY) AF 53
(HM) *NORANDROSTANES
(PA) LUTEOLYTIC AGENTS
(II) CONTRACEPTIVES, ORAL, SYNTHETIC
(II) CONTRACEPTIVES, POSTCOITAL
(NO) RN given refers to (2beta,5alpha,17alpha)-isomer; RN for cpd without isomeric designatin not in Chemline 11/5/83; structure

anorexigenic peptide see pyroglutamyl-histidyl-glycine

anovlar see Modicon

ANPAA-apamin see
4-azido-2-nitrophenylaminoacetylmonoiodoapamin

ANPA-5-HT see
4-azido-3-nitrophenyl-azo-(5-hydroxytryptamine)

ANPAPATP see
3'-O-(3-(N-(4-azido-2-nitrophenyl)amino)propionyl)-8-azidoadenosine 5'-triphosphate

ANPAS see
4-azido-3-nitrophenyl-azo-(5-hydroxytryptamine)

ANP 4364
(RN) 56776-24-0
(RR) 56776-25-1 (monomethanesulfonate salt)
(RR) 56425-52-6 ((Z)-isomer)
(RR) 56425-50-4 ((Z)-HCl)
(RR) 56425-53-7 ((Z)-monomethanesulfonate)
(RR) 70441-81-5 ((E)-monomethanesulfonate)
(SY) ANP-4364
(SY) (2,3-dichloro-4-methoxy)-2-phenylfuryl O-(diethylaminoethyl) ketone oxime monomethanesulfonate
(SY) diclofurime
(HM) *OXIMES
(PA) VASODILATOR AGENTS
(PA) ANTIHYPERTENSIVE AGENTS
(NO) RN given refers to parent cpd

ANP-4364 see ANP 4364

ansamitocin P 3' see ansamitocins

ansamitocin P 3 see ansamitocins

ansamitocin P 4 see ansamitocins

ansamitocins
(RN) 69279-90-9
(RR) 66584-72-3 (ansamitocin P 3)
(RR) 66547-09-9 (ansamitocin P 3')
(RR) 66547-10-2 (ansamitocin P 4)
(SY) ansamitocin P 3
(SY) ansamitocin P 3'
(SY) ansamitocin P 4
(HM) *MAYTANSINE/analogs
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) maytansinoid antibiotics produced by an actinomycete strain Norcardia sp. No. C-15003 (N-1); P-1 & P-2 identified with maytanacine & maytansinol propionate, respectively; structures for ansamitocins P-0, P-1, P-2, P-3, P-3', P-4 in second source

ansamycins
(RN) 51374-14-2
(HM) *ANTIBIOTICS
(NO) antibiotic family of which streptovaricins, rifamycins, maytansine, rubransarols, rubradirins & mycotrienins are members

ansatrienin A2
(RN) 85819-32-5
(HM) QUINONES
(PA) ANTIBIOTICS
(NO) from Streptomyces collinus; structure given in first source

ansatrienin A3
(RN) 85819-31-4
(HM) QUINONES
(PA) ANTIBIOTICS
(NO) from Streptomyces collinus; structure given in first source

6-ANSA see 6-anilino-1-naphthalenesulfonic acid

4F-antag see LHRH,
Ac-dehydro-Pro(1)-4-F-Phe(2)-Trp(3,6)-

antamanide, 2-phenylalanyl-6-valine- see antamanide, Phe(4)-Val(6)-

antamanide, Phe(4)-Val(6)-
(RN) 33426-38-9
(SY) Phe(4)-Val(6)-antamanide
(SY) antamanide, 2-phenylalanyl-6-valine-
(SY) 4-phenylalanyl-6-valine-antamanide
(HM) *ANTAMANIDE/analogs
(NO) RN given refers to all (L)-isomer; RN for cpd without isomeric designation not in Chemline 6/84

ANT-ATP see 3'-O-anthraniloyl ATP

antepar
(RN) 144-29-6
(RR) 41372-10-5 (unspecified hydrate)
(SY) piperazine citrate
(HM) *PIPERAZINES
(PA) ANTHELMINTICS
(NO) RN given refers to parent cpd

anthelmycin see hikizimycin

antheridiol
(RN) 22263-79-2
(HM) *PHYTOSTEROLS

anthglutin
(RN) 69168-09-8
(SY)
1-gamma-L-glutamyl-2-(2-carboxyphenyl)hydrazine
(SY) gamma-glutamyl(o-carboxy)phenylhydrazide
(SY) GGCPH
(HM) *GLUTAMATES
(PA) GAMMA-GLUTAMYLTRANSFERASE/antag
(NO) reversible inhibitor of glutamyl transpeptidase; structure

anthiolimine
(RN) 305-97-5
(SY) anthiomaline
(HM) *ANTIMONY
(PA) ANTHELMINTICS
(NO) structure

anthiomaline see anthiolimine

anthocyanin see malvidin-3-glucoside

anthophyllite
(RN) 61029-21-8
(HM) *ASBESTOS

anthopleurin-A
(RN) 60880-63-9
(SY) anthopleurin a
(HM) *PEPTIDES
(II) SEA ANEMONES
(NO) cardiotonic agent from the sea anemone Anthopleura xanthogrammica

anthopleurin a see anthopleurin-A

anthopleurin B
(RN) 72067-68-6
(HM) *PEPTIDES
(PA) CARDIAC STIMULANTS
(II) SEA ANEMONES

anthracene
(RN) 120-12-7
(RR) 12261-48-2 (Na salt ion(1-))
(HM) *ANTHRACENES
(NO) RN given refers to parent cpd

anthracene blue SWGG see gallocyanine

9-anthracenecarboxylic acid see 9-anthroic acid

9,10-anthracenedicarboxaldehyde bis(4,5-dihydro-1H-imidazol-2-yl)hydrazone see bisantrene

anthracene-1,5-disulfonic acid
(RN) 61736-91-2
(SY) A-1,5-DSA
(HM) *ANTHRACENES
(II) FLUORESCENT DYES

9-anthracene epoxide see 9-anthryloxirane

9-(2-anthracene)nonanoic acid see 9-(2-anthryl)nonanoic acid

anthracycline antibiotics
(SY) anthracyclines
(HM) NAPHTHACENES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(PA) ANTIBIOTICS
(NO) antibiotics based on tetrahydrotetracene quinone glycoside derivatives; have antitumor properties

anthracycline-binding protein see daunorubicin-binding protein

anthracyclines see anthracycline antibiotics

anthralin 10,10'-dimer
(RN) 54304-27-7
(HM) *ANTHRALIN/analogs
(NO) oxidation product of anthralin

2-anthramine
(RN) 613-13-8
(SY) 2-aminoanthracene
(HM) *ANTHRACENES
(PA) CARCINOGENS
(PA) MUTAGENS
(NO) structure

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anthranil
(RN) 271-58-9
(HM) *ISOXAZOLES

anthranilamide
(RN) 88-68-6
(SY) ortho-aminobenzamide
(HM) *ANTHRANILIC ACIDS
(NO) structure

anthranilate see anthranilic acid

anthranilic acid
(RN) 118-92-3
(RR) 60613-06-1 (mono-Li salt)
(RR) 14342-65-5 (Ca[2:1] salt)
(RR) 7459-95-2 (di-HCl)
(RR) 7058-55-1 (Cd salt)
(RR) 2099-63-0 (HCl)
(RR) 552-37-4 (mono-Na salt)
(SY) anthranilate
(SY) 2-aminobenzoic acid
(HM) *ANTHRANILIC ACIDS
(PA) ANTICONVULSANTS
(NO) RN given refers to parent cpd; structure in Negwer, 5th ed, #565

anthranilic acid N-malonyltransferase see malonyl-CoA-anthranilic acid N-malonyltransferase

3'-O-anthraniloyl ATP
(SY) ANT-ATP
(HM) *ANTHRANILIC ACIDS
(HM) ADENOSINE TRIPHOSPHATE/*analogs
(II) FLUORESCENT DYES
(II) AFFINITY LABELS

anthraniloyl glucuronide
(HM) *ANTHRANILIC ACIDS
(HM) *GLUCURONATES

9,10-anthraquinone
(RN) 84-65-1
(RR) 3426-73-1 (radical ion(1-))
(HM) *ANTHRAQUINONES
(NO) RN given refers to parent cpd

N,N'-1,5-anthraquinonylenebisbenzamide
(RN) 82-18-8
(SY) 1,5-AQBB
(HM) *ANTHRAQUINONES
(II) DYES

anthrax toxin
(SY) anthrax toxin PA
(SY) anthrax toxin EF
(SY) anthrax toxin LF
(SY) anthrax toxin I
(SY) anthrax toxin II
(SY) anthrax toxin III
(SY) bacillus anthracis calmodulin-dependent adenylate cyclase
(HM) *BACTERIAL TOXINS
(II) ANTHRAX
(NO) consists of 3 separate proteins; PA (protective factor), EF (edema factor) & LF (lethal factor); bacillus anthracis calmodulin-dependent adenylate cyclase is component of EF protein

anthrax toxin EF see anthrax toxin

anthrax toxin I see anthrax toxin

anthrax toxin II see anthrax toxin

anthrax toxin III see anthrax toxin

anthrax toxin LF see anthrax toxin

anthrax toxin PA see anthrax toxin

9-anthroic acid
(RN) 723-62-6
(RR) 50961-28-9 (11C-labeled cpd Na salt)
(RR) 16336-69-9 (Na salt)
(SY) ANCA
(SY) 9-anthracenecarboxylic acid
(HM) *ANTHRACENES
(NO) RN given refers to unlabeled parent cpd

anthrone
(RN) 90-44-8
(HM) *ANTHRACENES
(NO) used in colorimetric determination of sugar & animal starch in body fluids; structure

anthroylcholine see 9-anthroylcholine

9-anthroylcholine
(RN) 74095-55-9
(SY) anthroylcholine
(HM) CHOLINE/*analogs

anthroylouabain
(RN) 62026-02-2
(HM) OUABAIN/*analogs
(HM) *ANTHRACENES
(II) FLUORESCENT DYES
(NO) structure

12-(9-anthroyloxy)stearic acid
(RN) 30536-60-8
(HM) *STEARIC ACIDS
(II) FLUORESCENT DYES
(NO) emits radioluminescence when excited by radioactive decay of tritium

2-(9-anthroyloxy)stearic acid
(RN) 78447-89-9
(SY) AOSA
(HM) *STEARIC ACIDS
(II) FLUORESCENT DYES

anthroylstearic acid see 12-(9-anthroyl)stearic acid

12-(9-anthroyl)stearic acid
(RN) 37469-99-1
(SY) anthroylstearic acid
(HM) *STEARIC ACIDS
(II) FLUORESCENT DYES

Anthr-PC see 1-palmitoyl-2-(9-(2-anthryl)nonanoyl)glycero-3-phosphocholine

9-anthryldiazomethane see 9-diazomethylanthracene

9-(2-anthryl)nonanoic acid
(RN) 82793-56-4
(SY) 9-(2-anthracene)nonanoic acid
(HM) *ANTHRACENES
(NO) photoactivable molecule; tool for elucidation of structure & functions of biological membranes; structure given in first source

9-anthryloxirane
(SY) 9-anthracene epoxide
(HM) *ANTHRACENES
(PA) CARCINOGENS
(NO) structure given in first source

antiadipositum X 112
(RN) 92526-18-6
(SY) antiadipositum X-112
(HM) *PHENYLPROPANOLAMINE
(HM) *NIKETHAMIDE
(HM) *SALICYLIC ACIDS
(HM) DRUG COMBINATIONS
(PA) APPETITE DEPRESSANTS
(NO) contains cathine HCl, nikethamide, caffeine, sodium salicylate & nineteen other low-dose herbal ingredients

antiadipositum X-112 see antiadipositum X 112

antiamoebin
(RN) 12692-85-2
(HM) PEPTIDES, CYCLIC
(PA) ANTIBIOTICS
(NO) antiprotozoal, anthelmintic antibiotic produced by the fungus Emericellopsis poonensis Thirum

antiarrhythmic peptide
(SY) AAP
(SY) Gly-Pro-HyPro-Gly-Ala-Gly
(SY) acetamidino-antiarrhythmic peptide
(SY) atrial peptide
(SY) Gly-Pro-4-Hyp-Gly-Ala-Gly
(HM) *OLIGOPEPTIDES
(PA) ANTI-ARRHYTHMIA AGENTS
(NO) atrial peptide from bovine atria; hexapeptide composed of hydroxyproline(1), proline(1), glycine(3) & alanine(1); both N-terminal & carboxy-terminal residues are glycine

Antiban see stibocaptate

Antibiotic AM 2604A see virustomycin A

antibiotic A 19009
(RN) 87768-72-7
(SY) N-(N(3)-fumaramoyl-2,3-diaminopropanoyl)alanine
(SY) A-19009
(HM) DIPEPTIDES
(PA) ANTIBIOTICS
(NO) from Streptomyces collinus Lindenbein; structure given in first source

antibiotic BBM 928 see BBM-928

antibiotic BN 183B see bactobolin

antibiotic BN-227-F see BN-227-F

antibiotic DC 11 see tetrocarcin A

Antibiotic FA 2097 see FA-2097

antibiotic G-418
(RN) 49863-47-0
(SY) G-418
(SY) geneticin
(SY) G 418 sulfate
(HM) GENTAMICINS
(PA) ANTIBIOTICS
(NO) from Micromonospora rhodorangea

antibiotic JI-20B
(RN) 51846-98-1
(HM) *GENTAMYCINS
(NO) see also antibiotic complex JI-20 & JI-20A

antibiotic M144255
(SY) zincophorin
(SY) M 144255
(HM) CARBOXYLIC ACIDS
(PA) ANTIBIOTICS
(II) IONOPHORES
(NO) isolated from Streptomyces griseus

antibiotic OA-6129D see OA 6129D

antibiotic OA-6129E see OA 6129E

Antibiotic PR 1350 see PR 1350

Antibiotic SF 1130X3 see oligostatin C

antibiotic SF 1293 see bialaphos

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antibiotics M-4365
(RN) 76773-74-5
(RR) 35834-26-5 (rosamicin (M-4365A2))
(RR) 60802-40-6 (rosamicin Na di-phosphate salt)
(RR) 59227-85-9 (A3)
(RR) 59227-83-7 (G1)
(RR) 58947-83-4 (G3)
(SY) 11-4365A2
(SY) 20-dihydrorosaramicin
(HM) *LEUCOMYCINS
(NO) series of macrolide antibiotics of which rosamicin is a member of; RN given refers to cpd with unknow MF; see also record for antibiotic M-4365 G2

antibiotic Su-1 see Su-2 complex

antibiotic Su-2 see Su-2 complex

antibiotic Su-3 see Su-2 complex

antibiotic TA see Myxococcus xanthus antibiotic TA

Antibiotic U 43120 see volonomycin

antibiotic X-14667A see X-14667A

antibiotic X-14667B see X-14667B

antibiotic X 14885A see X 14885A

antibiotic X 14931A
(SY) X-14931A
(HM) PYRANS
(PA) ANTIBIOTICS
(NO) naturally occurring 19-deoxyaglycone of dianemycin; structure given in first source

antibiotic X 14952B
(SY) X 14952B
(SY) X-14952B
(HM) GLYCOSIDES
(PA) ANTIBIOTICS
(NO) from Streptomyces sp; structure given in first source

antibiotic 1107
(RN) 81988-07-0
(HM) ANTIMYCIN a/*analogs
(PA) ANTIBIOTICS, ANTIFUNGAL
(NO) one of antibiotics of the antimycin A complex

antibiotic 1588
(RN) 80701-02-6
(HM) BLEOMYCINS
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) from Streptomyces lilacinoverticillatus; belongs to phleomycin-bleomycin family

antibiotic 16686 see A 16686

antibiotic 24010
(RN) 12676-16-3
(HM) ANTIBIOTICS
(PA) ANTIBIOTICS, ANTIFUNGAL

antibiotic 255-E see elaiophylin

Antibiotic 333-25 see octapeptin antibiotics

antibiotic 339-29 see aplasmomycin

antibiotic 354 see clazamycin B

antibiotic 56-62 see elaiophylin

antibiotic-79002 see N(1')-ethylindirubin

antibiotic 79002 see N(1')-ethylindirubin

antibiotic-79005 see N(1')-octadecylindirubin

antibiotic 79005 see N(1')-octadecylindirubin

antibiotic 8006-I see 8006-I

P-B antibodies see Paul-Bunnell antibodies

anti-H-2 antibodies
(HM) *ISOANTIBODIES
(II) H-2 ANTIGENS

anticapsin
(RN) 28978-07-6
(HM) ALANINE/*analogs
(NO) biologically active metabolite of Streptomyces griseoplanus; structure

antichymotrypsin see alpha(1)-antichymotrypsin

anticodon Q-U-G see tRNA, histidine-

anticomplement
(HM) *COMPLEMENT INACTIVATORS
(NO) in serum of children with protein-calorie malnutrition

anticonvulsant 7903 see 3,4-dichlorophenyl propenylisobutylamide

antideoxyribonucleoprotein
(HM) *ANTINUCLEAR FACTORS
(II) DEOXYRIBONUCLEOPROTEINS/immunol

antiepilepsirine
(RN) 23434-86-8
(HM) *PIPERIDINES
(PA) ANTICONVULSANTS
(NO) structure given in first source

antiestrogen-binding protein see tamoxifen receptor

antifagin
(SY) antiphagin
(SY) Staph antiphagin
(HM) *STAPHYLOCOCCAL VACCINES
(NO) staphylococcal immune preparation

antifein see Antiphein

antiffeine see Antiphein

antifreeze glycopeptides see antifreeze glycoproteins

antifreeze glycoproteins
(SY) AFGP
(SY) antifreeze glycopeptides
(SY) antifreeze peptides
(SY) antifreeze proteins
(HM) *GLYCOPROTEINS
(II) FREEZING
(NO) glycoproteins & peptides found in blood sera of polar fishes; depress the freezing temperature of water as much as NaCl

antifreeze peptides see antifreeze glycoproteins

antifreeze proteins see antifreeze glycoproteins

antigastrin
(RN) 10400-14-3
(RR) 62903-79-1 (mono-HCl)
(SY) SC 15396
(HM) *PYRIDINES
(PA) ANTI-ULCER AGENTS
(NO) inhibits the effect of gastrin & pentagastrin in rats & dogs; RN given refers to parent cpd; structure

S antigen
(SY) retinal S-antigen
(SY) antigen, S
(HM) *ANTIGENS
(NO) protein purified from mammalian retina; consistently induces a severe anterior & posterior uveitis in lower mammals & in subhuman primates; rhodopsin kinase resembles uveitis inducing activity

O antigen, bacterial
(SY) O antigens, bacterial
(SY) O antigens, Vibrio
(SY) O-AQO1
(SY) antigen O, Salmonella
(SY) O antigens, E coli
(SY) O antigen, Serretia marcescens
(SY) O antigen, Pseudomonas
(SY) O antigen, E coli 25
(SY) bacterial O antigen
(SY) O9 antigen, E coli
(SY) O antigen, E coli 09
(SY) Ogawa O-antigen
(SY) O-18ac antigen, E coli
(SY) O antigen, Yersinia pestis
(HM) *ANTIGENS, BACTERIAL
(NO) from patients with acute diarrhea; O-AQO1 from Vibrio parahaemolyticus AQ-3206

antigen Boston 1
(SY) angiten BO1
(SY) BO1
(HM) *ANTIGENS, IMMUNE RESPONSE
(NO) class II HLA antigen

antigen chol-1 see chol-1 antigen

O antigen, E coli 09 see O antigen, bacterial

O antigen, E coli 25 see O antigen, bacterial

antigen, erythrocyte T see beta-D-galactosyl(1-3)-N-acetyl-D-galactosamine

antigen, factor VIII clotting see factor VIII clotting antigen

antigen, factor VIII related see factor VIII related antigen

antigen, factor VII related see factor VII related antigen

antigen, factor X see factor X antigen

antigen, fetal sulfoglycoprotein see fetal sulfoglycoprotein antigen

antigen, FR see FR antigen

antigen, F41 see F41 antigen

antigen Gm 3.2 see Gm-3.2 antigen

antigen p35, hairy cell leukemia see hairy cell leukemia antigen p35

antigen HLA-A29 see HLA-A29

antigen, HLA-DR7 see HLA-DR7

antigen, H-2K(K) see H-2K(K) antigen

antigen ICP 10-AG-4 see ICP 10-AG-4 antigen

antigen, K see K antigen

antigen, K88 see K88 antigen

antigen, K99 see K99 antigen

antigen L
(HM) *ANTIGENS, BACTERIAL
(II) MYCOBACTERIUM, ATYPICAL

antigen, LC see leukocyte common antigen

antigen, MM see MM antigen

antigen, Montenegro see leishmunin

antigen NB-70K see ovarian tumor associated antigen

antigen-1, normal fecal see fecal antigen-1, normal

O antigen, oligodendrocyte surface see oligodendrocyte O antigen

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antigen, poly(Glu(56)Lys(35)Phe(9))(GLphi) see poly(Glu(56)Lys(35)Phe(9))(GLphi) antigen

O antigen, Pseudomonas see O antigen, bacterial

antigen p53 see phosphoprotein pp53

antigen p97 see melanoma-specific protein

antigen E (ragweed) see ragweed antigen E

antigen, renal tubular see renal tubular antigen

antigen, RNP see RNP antigen

antigen, S see S antigen

antigen O, Salmonella see O antigen, bacterial

O antigens, bacterial see O antigen, bacterial

antigens Ca see Ca antigens

O antigens, E coli see O antigen, bacterial

O antigen, Serretia marcescens see O antigen, bacterial

N antigens, erythrocyte
(SY) human blood group N antigen
(SY) human N erythrocyte antigens
(HM) *ANTIGENS
(NO) glycoprotein

antigen, Sm see Sm antigen

antigens, Tla see Tla antigens

O antigens, Vibrio see O antigen, bacterial

antigen, Vi see Vi antigen

antigen, Von Willebrand see Von Willebrand antigen

antigen 5 (wasp venom)
(SY) wasp venom antigen 5
(HM) *WASP VENOMS
(HM) *ANTIGENS
(NO) isolated from wasp venom

O antigen, Yersinia pestis see O antigen, bacterial

antigen V (Yersinia pestis)
(SY) V antigen (plague virulence)
(SY) antigen V (YP)
(HM) *ANTIGENS, BACTERIAL
(II) YERSINIA PESTIS

antigen V (YP) see antigen V (Yersinia pestis)

antigen 987P
(SY) 987P
(HM) *ANTIGENS, BACTERIAL

antigonadotropin, pineal
(HM) *PEPTIDES
(PA) LH-FSH RELEASING HORMONE/antag
(II) PINEAL BODY

antigrippen
(RN) 76721-94-3
(HM) *ASPIRIN
(HM) *ASCORBIC ACID
(HM) *RUTIN
(HM) *DIPHENHYDRAMINE
(HM) DRUG COMBINATIONS
(NO) Russian drug; for treatment of influenza; contains acetylsalicylic acid; ascorbic acid; calcium lactate; benadryl; rutin

antihemorrhagic factor
(HM) *BLOOD PROTEINS
(PA) ANTIVENINS
(II) HEMORRHAGE/drug ther
(NO) purified serum factor in snakes which inhibited hemorrhagic principles in venoms

antiinvasion factors see angiogenesis factor inhibitors

antileukoprotease
(HM) *PROTEASE INHIBITORS
(NO) acid-stable proteinase inhibitor (elastase, cathepsin) against proteinases liberated from cervix mucus disintigrating leukocytes

antilipopolysaccharide antibodies see antilipopolysaccharide plasma

antilipopolysaccharide factor (Limulus)
(SY) anti-LPS (Limulus)
(SY) Limulus anti-LPS
(SY) anti-lipopolysaccharide factor (Limulus)
(HM) *INVERTEBRATE HORMONES
(PA) ANTICOAGULANTS
(PA) ANTI-INFECTIVE AGENTS
(II) LIMULUS
(NO) found in amebocytes from hemolymph of Tachypleus tridentatus & Limulus polyphemus; potent anticoagulant which inhibits the endotoxin-mediated activation of Limulus coagulation system; MW appr. 10,000; see also record for antilipopolysaccharide plasma

antilipopolysaccharide plasma
(SY) anti-LPS
(SY) antilipopolysaccharide antibodies
(SY) anti-lipopolysaccharide
(SY) anti-endotoxin antibodies
(HM) LIPOPOLYSACCHARIDES/*immunol
(II) ANTIBODIES
(II) IgG/immunol
(NO) used to treat patients in septic shock or with septic arthritis; see also record for antilipopolysaccharide factor (Limulus)

antimacrophage globulin
(SY) anti-macrophage serum
(HM) *IMMUNE SERA
(PA) IMMUNOSUPPRESSIVE AGENTS

antimicrobial cationic granule protein see bactericidal permeability increasing protein

antimicrobial peptides, neutrophil see microbicidal cationic proteins

antimony choline
(RN) 81435-66-7
(SY) Sb-choline
(HM) *ANTIMONY
(HM) CHOLINE/*analogs
(NO) stibonium analog of choline; structure in first source

antimony dimercaptosuccinate see stibocaptate

antimony-N-methylglucamine
(HM) MEGLUMINE/*analogs
(HM) *ANTIMONY
(PA) ANTIPROTOZOAL AGENTS

antimony trioxide
(RN) 1309-64-4
(HM) *ANTIMONY

antimycin
(RN) 11118-72-2
(HM) ANTIMYCIN A/*analogs

antiobiotic BN-227 see BN-227

S 1 antioxidant see dimethyl-di-(N-phenylaminophenoxy)silane

antiperinuclear factor
(HM) *ANTINUCLEAR FACTORS
(NO) detected by indirect immunofluorescence on smears of human buccal mucosa cells in 92% of rheumatoid arthritis cases

antiphagin see antifagin

Antiphein
(RN) 880-90-0
(SY) antiffeine
(SY) antifein
(HM) *IMIDAZOLES
(NO) memory affecting agent; structure

antiporters
(HM) *CARRIER PROTEINS
(II) MEMBRANE PROTEINS
(NO) class of porter proteins which transport solutes out of cells or organelles by exchange of that solute with another

antiprothrombinase
(HM) *BLOOD COAGULATION FACTORS
(NO) spontaneously acquired anticoagulant found in patients with systemic lupus erythematosus

antipyrine iodide see iodoantipyrine

N-antipyrinylnicotinamide see nifenazone

antipyrylazo III
(RN) 14918-39-9
(HM) *NAPHTHALENESULFONATES
(NO) metallochromic indicator; structure

antiseminalplasmin
(HM) *PROTEINS
(NO) contains three proteins, one with RNAase activity, one with proteinase activity & one one with no proteinase activity; from bovine seminal plasma; antagonist of seminalplasmin

antistaphylococcal gamma globulin
(HM) *GAMMA GLOBULINS

antistaphylolysin
(HM) *HEMOLYSINS
(II) ANTIBODIES, BACTERIAL

antistreptokinase
(HM) *ANTIBODIES, BACTERIAL
(II) STREPTOCOCCUS/immunol
(II) STREPTOCOCCAL INFECTIONS/immunol

anti-T see Thomsen-Friedenreich antibodies

antithrombin BM
(HM) *GLYCOPROTEINS
(PA) ANTITHROMBINS
(NO) from human plasma; binds only moderately to heparin; MW 70,000; different from antithrombin III & heparin cofactor A

antithrombin III Padua
(SY) AT III Padua
(HM) *ANTITHROMBIN III
(NO) abnormal antithrombin III characterized by abnormal migration in agarose heparin

antithrombin III Padua(2)
(SY) AT III Padua(2)
(HM) *ANTITHROMBIN III
(NO) significantly different from antithrombin III Padua

antithrombin III-protease complex
(SY) AT III-protease complex
(HM) *ANTITHROMBIN III
(HM) *PEPTIDE HYDROLASES
(NO) found in 46% of patients with disseminated intravascular coagulation

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antithrombin III related antigen see factor VIII related antigen

antithrombin III Toyama
(SY) AT III Toyama
(HM) *ANTITHROMBIN III
(NO) familial abnormal antithrombin III characterized by low heparin cofactor & recurrent thrombophlebitis

antithrombin III Trento
(SY) AT III Trento
(HM) *ANTITHROMBINS
(NO) abnormal antithrombin pattern only in absence of heparin

antithrombin III Vicenza
(SY) AT III Vicenza
(HM) *ANTITHROMBIN III
(NO) dysfunctional antithrombin III characterized by low activity & abnormal pattern of serum two-dimensional crossed immunoelectrophoresis in presence of heparin

antithrombin V
(HM) *ANTITHROMBINS
(NO) pathological inhibitor or coagulation as an accompanying symptom of various diseases

antiThy antibody see anti-Thy antibody

Antitumor B III
(HM) *PLANT EXTRACTS
(HM) *FLUOROURACIL
(HM) DRUG COMBINATIONS
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(II) PLANTS, MEDICINAL
(NO) consists of traditional herbs & 5-fluorouracil

anti T-6 see OKT monoclonal antibodies

antivitamins K
(HM) VITAMIN K/*antag
(PA) ANTICOAGULANTS

antizyme, ornithine decarboxylase see ornithine decarboxylase antizyme

Antlermicin A see tetrocarcin A

antlermicin A see tetrocarcin A

AnTPP see anilinium tripolyphosphate

antracol see propineb

antrafenine
(RN) 55300-29-3
(RR) 55300-30-6 (di-HCl)
(SY) SL 73033
(SY) Stakane
(SY) 2-(4-(m-trifluoromethyl-phenyl)-1-piperazinyl) ethyl 2-(7-trifluoromethyl-4-quinolinylamino) benzoate
(HM) *PIPERAZINES
(PA) ANALGESICS
(PA) ANALGESICS, ANTI-INFLAMMATORY
(NO) RN given refers to parent cpd; structure

antramin
(HM) *HISTAMINE
(HM) *AMINO ACIDS
(PA) SOMATOTROPIN RELEASE INHIBITING HORMONE/antag
(PA) GASTRINS/antag
(NO) secreted by pylorus; consists of histamine & 3 amino acids

antrimycin
(RN) 80801-26-9
(SY) antrimycin A
(HM) PEPTIDES
(PA) ANTIBIOTICS
(NO) from Streptomyces xanthocidicus MG125-CF1; structure given in first source

antrimycin A see antrimycin

antrycide see quinapyramine

1,3,6-ANTS see 8-amino-1,3,6-naphthalenetrisulfonic acid

ANTU see alpha-naphthyl thiourea

ANT 2p
(RN) 30514-93-3
(SY) 2-(3-chloro-4-trifluoromethyl)anilino-3,5-dinitrothiophene
(HM) *THIOPHENES
(II) INDICATORS AND REAGENTS

ANUP see 4-azido-2-nitrophenyluridylyl pyrophosphate

AN 1111 see pipenzolate

AN-201 I see An 201 I

An 201 I
(RN) 52599-88-9
(SY) N-beta-acetylstreptothricin E
(SY) AN-201 I
(HM) *STREPTOTHRICINS
(NO) from Streptomyces sp. NCIB 11813

AN 3
(SY) AN-3
(HM) PEPTIDES
(PA) ANTIBIOTICS
(NO) isolated from Streptomyces albulus

AN-3 see AN 3

AN 69 see AN-69

AN-69
(RN) 60650-36-4
(SY) polyacrylonitrile RP-6
(SY) AN 69
(HM) *ACRYLIC RESINS
(HM) *ACRYLONITRILE/analogs
(II) MEMBRANES, ARTIFICIAL
(NO) copolymer of acrylonitrile & sodium methallylsulfonate used in hemodialysis

AN-7A see AN 7 complex

AN 7A see AN 7 complex

AN 7B see AN 7 complex

AN-7B see AN 7 complex

AN-7D see AN 7 complex

AN 7D see AN 7 complex

AOADPD see
2-amino-4-oxo-6-acetyl-7,8-dihydro-3H,9H-pyrimidodiazepine

AOBCA see 4-androsten-3-one-17 beta-carboxylic acid

AOMA see surfomer

AOPCP
(RN) 3768-14-7
(SY) alpha,beta-methylene-adenosinediphosphate
(SY) adenosine-alpha,beta-methylene diphosphate
(SY) adenosine-5 alpha, beta-methylene diphosphonate
(SY) alpha,beta-methylene ADP
(HM) ADENOSINE DIPHOSPHATE/*analogs

AOPP see alpha-aminooxy-beta-phenylpropionic acid

AOSA see 2-(9-anthroyloxy)stearic acid

AOTA see N-acetylhomotaurine

217AO
(RN) 3147-20-4
(RR) 470-94-0 (oxalate[1:1])
(RR) 34067-35-1 (oxalate [2:1])
(RR) 1866-65-5 (unspecified oxalate)
(SY) O,O-diethyl S-(2-dimethylaminoethyl) phosphorothioate
(HM) *ORGANOTHIOPHOSPHORUS COMPOUNDS
(PA) CHOLINESTERASE INHIBITORS
(NO) RN given refers to parent cpd

AP-A see adenosine monophosphate-adenosine

4-APABC see 4-acetamidophenyl 2'-acetoxybiphenyl-2-carboxylate

ApABGlu see 4-acetamidobenzoylglutamate

apacillin see apalcillin

APACo III see aquopentanamine cobalt(III)

APAD see 3-acetylpyridine adenine dinucleotide

APADH see 3-acetylpyridine adenine dinucleotide

APADTG see
4-aminophenyl-2-acetamido-2-deoxyglucoside

APA-glucagon see glucagon, 12-(N(6)-(4-azidophenylamidino)lysine)-

ApaI endonuclease see endodeoxyribonuclease ApaI

apalcillin
(RN) 63469-1y-2
(RR) 6413-69-0 (Na salt(2S-(2alpha,5alpha,6beta))-isomer)
(RR) 74591-00-7 (Na salt(2S-(2alpha,5alpha,6beta(R*)))-isomer)
(RR) 58795-03-2 (Na salt(2S-(2alpha,5alpha,6beta(S*)))-isomer)
(SY) PC-904
(SY) apacillin
(SY) APPC
(SY) PC 904
(HM) AMPICILLIN/*analogs
(NO) RN given refers to parent cpd(2S-(2alpha,5alpha,6beta(S*)))-isomer; RN for parent cpd without isomeric designation not in Chemline 12/6/83; structure

APA-Lys-DNS see
N-(alpha)-(4-amino-4-deoxy-N(10)-methylpteroyl)-N-(epsilon)-(5-(N,N-dimethylamino)-1-naphthalenesulfonyl)lysine

apamin receptor
(SY) apamin receptors
(SY) receptor, apamin
(HM) *SYNAPTIC RECEPTORS
(II) APAMIN

apamin receptors see apamin receptor

APA-Orn-DNS see
N(alpha)-(4-amino-4-deoxy-N(10)-methylpteroyl)-N (delta)-(5-(N,N-dimethylamino)-1-naphthalenesulfonyl) ornithine

ApApA
(RN) 917-44-2
(SY) adenylyl-adenylyl-adenosine
(SY) adenylyl-(3'-5')-adenylyl-(3'-5')-adenosine
(HM) *ADENINE NUCLEOTIDES

2,5-APAT see 2,5-anhydro-1-deoxy-1-phosphonoaltritol

L-APB see 2-amino-4-phosphonobutyric acid

AP4A binding protein see diadenosine tetraphosphate-binding protein

APBQ see 2-acetamido-4-benzoquinone

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3-APB-sepharose see 3-aminophenylboronate-sepharose

APC
(HM) AMINOACRIDINES
(HM) PREDNISONE
(HM) CHLORAMBUCIL
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

3-APCAD see N-(3-aminopropyl)cadaverine

11-APCD see
11-azapentacyclo(6.2.1.0(2,7).0(4,10).0(5,9)decane

AP combination
(SY) MP protocol
(HM) MELPHALAN
(HM) PREDNISONE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds; used in treatment of multiple myeloma; do not confuse with AP regimen which is a chemotherapy protocol of DOXORUBICIN & CISPLATIN

APCPP see 5'-adenylyl methylenediphosphonate

APCPT-LHRH see LHRH,
Ac-dehydro-Pro(1)-4-Cl-Phe(2)-Trp(3,6)-

ApCy see adenylyl-(3'-5')-cytidine

APD see
(3-amino-1-hydroxypropylidene)-1,1-biphosphonate

N-APDND see 1,4-(N-2-aminoethyl-2'-pyridyl disulfide)-7- nitrobenzo-2-oxa-1,3-diazole

4-APDQ see
4-amino-6,7-dimethoxy-2-(4-(5-(3-iodo-4-azidophenyl) pentanoyl)-1-piperazinyl)quinazoline

3-APDTPHS see 3-((4-azidophenyl)dithio)propionic N-hydroxysuccinimide

APEL protocol
(HM) DOXORUBICIN
(HM) VINDESINE
(HM) CISPLATIN
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) combination chemotherapy consisting of vindesine, cisplatin, doxorubicin; used in treatment of soft tissue sarcoma

AP endonuclease see endodeoxyribonuclease (apurinic or apyrimidinic)

apernyl
(RN) 57762-41-1
(HM) *ASPIRIN
(HM) *PARABENS
(HM) DRUG COMBINATIONS
(PA) ANALGESICS
(NO) consists of acetylsalicylic acid, p-hydroxybenzoic acid propyl ester & neutral filler

APFO see perfluorooctanoic acid

APFPT-LHRH see LHRH,
Ac-dehydro-Pro(1)-4-F-Phe(2)-Trp(3,6)-

d(ApGpCpT) see
deoxy-(adenylyl-guanylyl-cytidylyl-thymidine)

d(ApGpCpT)2-actinomycin D complex see actinomycin D-dATGCAT complex

4-AP-m(7)GTP see gamma-(4-aminophenyl) 7-methylguanosine 5'- triphosphate

aphantoxin
(RN) 77238-17-6
(HM) *TOXINS
(II) ALGAE, BLUE-GREEN
(NO) from blue-green algae; blocks sodium conductance of squid axon membrane with no effect on potassium conductance

aphidicolin
(RN) 38966-21-1
(HM) *DITERPENES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(PA) ANTIVIRAL AGENTS
(PA) DNA POLYMERASE II/antag
(NO) new antiviral antibiotic produced by Cephalosporium aphidicola; structure

aphidicolin-17-acetate see aphidicolin-17-monoacetate

aphidicolin-17-monoacetate
(RN) 51103-57-2
(SY) aphidicolin-17-acetate
(HM) *DITERPENES
(PA) DNA POLYMERASE II/antag
(NO) structure given in first source

aphos
(RN) 74548-80-4
(HM) *ORGANOPHOSPHORUS COMPOUNDS
(PA) FUNGICIDES, INDUSTRIAL

Ap3A hydrolase see diadenosine triphosphate hydrolase

AP4A hydrolase see bis(5'-guanosyl) tetraphosphatase

apigenin dimethylether
(SY) 5-hydroxy-4',7-dimethoxyflavone
(HM) *FLAVONES
(PA) ANTI-INFLAMMATORY AGENTS
(II) RHUS
(NO) from roots of *Rhus undulata

apigenin 7-O-(6-O-malonylglucoside)
(RN) 86546-87-4
(SY) malonyl apigenin 7-O-glucoside
(SY) 7-MAG
(HM) *BIOFLAVONOIDS
(II) PIGMENTS
(NO) vacuolar pigment from parsley

apigenin O-4'-methyltransferase
(RN) EC 2.1.1.75
(SY) flavonol 4'-O-methyltransferase
(SY) flavonol 4'-OMT
(HM) *METHYLTRANSFERASES

apiitol see 3-(hydroxymethyl)erythritol

apilac see apilacum

apilacum
(RN) 12678-43-2
(SY) apilac
(SY) apilak
(HM) *BIOLOGICAL PRODUCTS
(II) BEES
(NO) crude drug prepared from secretions of allotrophic gland of bees used in treatment of nutritional disorders, lactaction disorders, puerperal hemorrhage, hypotension, menopausal hypertension, arteriosclerosis, angina pectoris & seborrhea

apilak see apilacum

apiose
(RN) 639-97-4
(SY) D-apiose
(HM) *PENTOSES
(NO) RN given refers to (D)-isomer; no other isomer for this cpd in Chemline 12/13/82 structure

D-apiose see apiose

aplasmomycin
(RN) 61230-25-9
(SY) antibiotic 339-29
(HM) PEPTIDES
(PA) ANTIBIOTICS
(II) IONOPHORES
(NO) from Streptomyces griseus isolated from shallow sea sediment in Sagami Bay; natural ionophore; RN given refers to Na salt; RN for parent cpd not in Chemline 12/6/83; structure

A 150 (plastic)
(RN) 53095-20-8
(SY) A-150 plastic
(HM) *PLASTICS
(NO) no other information available 2/8/83

A-150 plastic see A 150 (plastic)

aplodan see creatinol phosphate

Aplysia gonad lectin see galaptins

aplysiatoxin
(RN) 52659-57-1
(HM) *LYNGBYA TOXINS
(NO) structure

APMB
(RN) 5855-98-1
(SY) 2-(4'-aminophenyl)-6-methylbenzene-thiazole-3', 7-disulfonic acid
(HM) *THIAZOLES
(NO) produces strong inhibition on both surfaces of the erythrocyte membrane; structure

p-APMSF see (4-amidinophenyl)methanesulfonyl fluoride

APMSH see MSH, 13-(4-azido-Phe)alpha-

m(6)(2)Apm(6)(2)A see
N(6),N(6)-dimethyladenylyl(3'-5')N(6),N(6)-dimethyladenosine

APN-AVP see vasopressin, Asu(1,6)-3-Phe(4-N3)Arg-

APNBH see
N-alanylproline-O-(4-nitrobenzoyl)hydroxylamine

cis-APO see
7-(2-(4-hydroxyphenethylamino)cyclopentyl)heptanoic acid

apo-ACP see apoacyl carrier protein

apoacyl carrier protein
(SY) apo-ACP
(HM) *ACYL CARRIER PROTEIN
(HM) *APOPROTEINS

apoA-I see apolipoprotein A-I

apo A-I see apolipoprotein A-I

apoA-II see apolipoprotein A-II

apo-AI(Milano) see apolipoprotein A-I

apo-alpha-lactalbumin
(HM) *LACTALBUMIN
(HM) *APOPROTEINS

apoA-I Tangier see apolipoprotein A-I Tangier

apoazurin
(HM) *AZURIN
(HM) *APOPROTEINS

apo-E-Bethesda see apolipoprotein E-Bethesda

apo E-Bethesda see apolipoprotein E-Bethesda

apo B-100 see apolipoprotein B-100

apo B-48 see apolipoprotein B-48

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apocarotenal
(RN) 1107-26-2
(HM) *CAROTENOIDS
(NO) structure

apoceruloplasmin
(HM) *CERULOPLASMIN
(NO) ceruloplasmin deficient in copper

apo B, chylomicron see chylomicron apolipoprotein B

apo C-I see apolipoprotein C-I

apocrine epithelial antigen see epithelial membrane glycoprotein

apocytochrome b
(SY) apocytochrome b5
(HM) *CYTOCHROME B

apocytochrome b5 see apocytochrome b

apocytochrome C
(HM) *CYTOCHROME C
(HM) *APOPROTEINS

apo D see apolipoprotein D

apoD see apolipoprotein D

APOEDA see 6
alpha-arabinosyloxy-2,6-dimethyl-2,7-octadienoic acid

apo E see apolipoprotein E-1

apo E1 see apolipoprotein E-1

apo E2 see apolipoprotein E-2

apo E-2 see apolipoprotein E-2

apo E-3 see apolipoprotein E-3

apoE3 see apolipoprotein E-3

apo E-4 see apolipoprotein E-4

apo E4 see apolipoprotein E-4

apoferredoxin
(HM) *FERREDOXINS

apoflavodoxin
(HM) *FLAVODOXIN
(HM) *APOPROTEINS

Apo A-I (Giessen) see apolipoprotein-I(Giessen)

apo B, glycosylated see glycosylated lipoproteins, LDL

Apo H see beta 2-glycoprotein I

apo E-HDL(c) see apolipoprotein E-HDL(c)

apohemoglobin
(HM) *HEMOGLOBINS
(HM) *APOPROTEINS

apo A-II see apolipoprotein A-II

apo C-II see apolipoprotein C-II

apo E-A-II see apolipoprotein E-A-II

apo C-III see apolipoprotein C-III

Apo C-III-2 see apolipoprotein C-III

apo A-II isoproteins see apolipoprotein A-II isoproteins

apo A-I isoproteins see apolipoprotein A-I isoproteins

apo E isoproteins see apolipoprotein E isoproteins

apo A-IV see apolipoprotein A-IV

apolactoferrin
(HM) *LACTOFERRIN
(HM) *APOPROTEINS

apo LDL see apolipoprotein LDL

apoLDL-lipoproteins see apolipoprotein LDL

apolipophorin III
(HM) *APOLIPOPROTEINS
(II) INSECTS
(II) CARRIER PROTEINS
(NO) MW 17,000; from hemolymph of adult Manduca sexta (tobacco hornworm); non-glycosylated polypeptide lacking cysteine & tryptophan; associates with lipophorin

apolipoprotein AI see apolipoprotein A-I

apolipoprotein A-I
(SY) apoprotein A-I
(SY) apoA-I
(SY) apo A-I
(SY) AAL
(SY) albumin-apo-A-I-containing lipoprotein
(SY) apolipoprotein AI
(SY) apo-AI(Milano)
(HM) *APOLIPOPROTEINS A
(II) LIPOPROTEINS, HDL
(NO) major apoprotein of high density lipoprotein which has as its function activation of lecithin-cholesterol acyl transferase

apolipoprotein E-Bethesda
(SY) apo E-Bethesda
(SY) apo-E-Bethesda
(HM) *APOLIPOPROTEINS E
(NO) variant of apo E in type III hyperlipoproteinemia

apolipoprotein B-100
(SY) apo B-100
(HM) *APOLIPOPROTEINS B
(NO) immunologically distinct from other apolipoproteins B; associated with triacylglycerol-rich lipoproteins of hepatic origin

apolipoprotein B-48
(SY) apo B-48
(SY) apoprotein B-48
(HM) *APOLIPOPROTEINS B
(NO) immunologically distinct from other apolipoproteins B; associated with intestinal triacylglycerol-rich lipoproteins

apolipoprotein B, chylomicron see chylomicron apolipoprotein B

apolipoprotein C-I
(SY) apo C-I
(HM) *APOLIPOPROTEINS C

apolipoprotein CII see apolipoprotein C-II

apolipoprotein D
(SY) apoD
(SY) apo D
(SY) lipoprotein D
(HM) *APOLIPOPROTEINS

apolipoprotein E-1
(SY) apo E1
(SY) apo E-1
(HM) *APOLIPOPROTEINS E

apolipoprotein E2 see apolipoprotein E-2

apolipoprotein E-2
(SY) apo E-2
(SY) apo E2
(SY) apolipoprotein E2
(HM) *APOLIPOPROTEINS E

apolipoprotein E3 see apolipoprotein E-3

apolipoprotein E-3
(SY) apoE3
(SY) isoapolipoprotein E3
(SY) apolipoprotein E3
(SY) apo E-3
(HM) *APOLIPOPROTEINS E

apolipoprotein E4 see apolipoprotein E-4

apolipoprotein E-4
(SY) apo E4
(SY) apo E-4
(SY) apolipoprotein E4
(HM) *APOLIPOPROTEINS E
(NO) increased prevalence in type V hyperlipoproteinemia

apolipoprotein-I(Giessen)
(SY) Apo A-I (Giessen)
(HM) *APOLIPOPROTEINS A
(NO) variant form of apo A-I; defective in activating lecithin-cholesterol acyltransferase; proline replaced by arginine at position 143

apolipoprotein B, glycosylated see glycosylated lipoproteins, LDL

apolipoprotein H see beta 2-glycoprotein I

apolipoprotein E-HDL(c)
(SY) apo E-HDL(c)
(HM) *APOLIPOPROTEINS E
(NO) cholesterol-induced high density lipoprotein containing only E apoprotein

apolipoprotein A-II
(SY) apoA-II
(SY) apoprotein A-II
(SY) apo A-II
(HM) *APOLIPOPROTEINS A
(II) LIPOPROTEINS, HDL

apolipoprotein C-II
(SY) apolipoprotein CII
(SY) apo C-II
(SY) apoprotein C-II
(HM) *APOLIPOPROTEINS C
(NO) potent activator for lipoprotein lipase

apolipoprotein E-A-II
(SY) apo E-A-II
(HM) *APOLIPOPROTEINS E
(HM) *APOLIPOPROTEINS A

apolipoprotein C-III
(SY) apo C-III
(SY) apolipoprotein C-III-1
(SY) apolipoprotein C-III-0
(SY) sialyl apolipoprotein C-III
(SY) sialyl apo C-III
(SY) Apo C-III-2
(HM) *APOLIPOPROTEINS C

apolipoprotein C-III-0 see apolipoprotein C-III

apolipoprotein C-III-1 see apolipoprotein C-III

apolipoprotein A-II isoproteins
(SY) apo A-II isoproteins
(HM) *APOLIPOPROTEINS A
(II) LIPOPROTEINS, HDL
(NO) human apo A-II consists of 4 isoproteins

apolipoprotein A-I isoprotein-2 see apolipoprotein A-I isoproteins

apolipoprotein A-I isoprotein-4 see apolipoprotein A-I isoproteins

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apolipoprotein A-I isoproteins
(SY) apo A-I isoproteins
(SY) apolipoprotein A-I isoprotein-2
(SY) apolipoprotein A-I isoprotein-4
(HM) *APOLIPOPROTEINS A
(II) LIPOPROTEINS, HDL
(NO) human HDL apo A-I composed of six isoproteins; MW 28,000 each

apolipoprotein E isoproteins
(SY) apo E isoproteins
(HM) *APOLIPOPROTEINS E
(II) LIPOPROTEINS, VLDL
(NO) increased in VLDL of diabetic patients

apolipoprotein A-IV
(SY) apo A-IV
(HM) *APOLIPOPROTEINS A
(NO) in human mesenteric lymph chylomicrons & free plasma

apolipoprotein LDL
(SY) apoLDL-lipoproteins
(SY) apo low density lipoproteins
(SY) apo LDL
(HM) *APOLIPOPROTEINS

apolipoprotein E-2(Lys(146)-Gln)
(SY) apo E2(Lys-Gln)
(SY) apo E-2 (Lys-Gln)
(HM) *APOLIPOPROTEINS E
(NO) apolipoprotein E2 variant in which glutamine replaces lysine at position 146; occurring in type III hyperlipoproteinemia

apolipoprotein S-peptides
(SY) sugar-induced HDL apolipoprotein peptides
(SY) apoprotein S
(HM) *APOLIPOPROTEINS
(HM) *LIPOPROTEINS, HDL
(NO) induced by glucose infusions

apolipoprotein C-I precursor
(SY) apo C-I precursor
(SY) pre apo C-I
(HM) *APOLIPOPROTEINS C
(HM) *PROTEIN PRECURSORS

apolipoprotein B,E receptor
(SY) apo B,E receptors
(SY) receptor, apoprotein B, E
(SY) apo-B,E receptor
(SY) apo B-100,E receptor
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) APOLIPOPROTEINS
(NO) capable of binding apo B-LDL & apo E-HDL lipoproteins; from hepatic membrane of dog, swine & man

apolipoprotein E receptor
(SY) apo E receptors
(SY) receptor, apo E
(SY) apo E receptor
(SY) apolipoprotein E receptors
(SY) receptor, apolipoprotein E
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) APOLIPOPROTEINS

apolipoprotein E receptors see apolipoprotein E receptor

apolipoprotein SAA
(SY) amyloid-related apoprotein SAA
(SY) apoSAA(1)
(SY) apoSAA(2)
(SY) apoprotein SAA
(SY) apo SAA
(HM) *APOLIPOPROTEINS
(II) AMYLOID PROTEIN SAA

apolipoprotein SAS(SAM)
(SY) apoprotein SAS(SAM)
(SY) apo SAS(SAM)
(HM) *APOLIPOPROTEINS
(NO) apoprotein consisting of high density lipoproteins which cross-reacts with antiserum against murine senile amyloid fibril protein

apolipoprotein A-I Tangier
(SY) Tangier apo A-I
(SY) apo A-I Tangier
(SY) apoA-I Tangier
(HM) *APOLIPOPROTEINS A
(II) TANGIER DISEASE
(NO) abnormal apolipoprotein A-I found in patients with Tangier disease

apolipoprotein VLDL II
(SY) apoVLDL-II
(SY) apo very low density lipoprotein II
(SY) apo VLDL-II
(HM) *APOLIPOPROTEINS
(HM) *LIPOPROTEINS, VLDL
(NO) major apoprotein in avian very low density lipoproteins

apo low density lipoproteins see apolipoprotein LDL

apo E-2 (Lys-Gln) see apolipoprotein E-2(Lys(146)-Gln)

apo E2(Lys-Gln) see apolipoprotein E-2(Lys(146)-Gln)

apomorphine receptor
(SY) apomorphine receptors
(SY) receptor, apomorphine
(HM) *RECEPTORS, ENDORPHIN
(II) APOMORPHINE

apomorphine receptors see apomorphine receptor

apomyoglobin
(HM) *MYOGLOBIN

aponin
(RN) 62563-70-6
(HM) *PLANT EXTRACTS
(NO) extracted from cultures of the blue-green alga Gomphosphaeria aponina; has deleterious effect on the ichthyotoxicity of G. breve-organism responsible for the red tide

apoplastocyanin
(HM) *PLASTOCYANIN
(HM) *APOPROTEINS

apo C-I precursor see apolipoprotein C-I precursor

apoprotein A-I see apolipoprotein A-I

apoprotein B-48 see apolipoprotein B-48

apoprotein A-II see apolipoprotein A-II

apoprotein C-II see apolipoprotein C-II

apoprotein S see apolipoprotein S-peptides

apoprotein SAA see apolipoprotein SAA

apoprotein SAS(SAM) see apolipoprotein SAS(SAM)

APO protocol see VPD

apo-RBP see apo-retinol-binding protein

apo-B,E receptor see apolipoprotein B,E receptor

apo B-100,E receptor see apolipoprotein B,E receptor

aporeceptor, calcitriol see 1,25-dihydroxycholecalciferol receptor

apo E receptor see apolipoprotein E receptor

apo B,E receptors see apolipoprotein B,E receptor

apo E receptors see apolipoprotein E receptor

apo-retinol-binding protein
(SY) apo-RBP
(HM) *RETINOL-BINDING PROTEINS
(HM) *APOPROTEINS

apo SAA see apolipoprotein SAA

apoSAA(1) see apolipoprotein SAA

apoSAA(2) see apolipoprotein SAA

apo SAS(SAM) see apolipoprotein SAS(SAM)

apo A-I Tangier see apolipoprotein A-I Tangier

apothionein
(HM) *METALLOTHIONEIN
(HM) *APOPROTEINS

apotransferrin
(HM) *TRANSFERRIN
(NO) transferrin which is incompletely saturated with iron

apo very low density lipoprotein II see apolipoprotein VLDL II

apovincaminic acid
(RN) 27773-65-5
(HM) *VINCA ALKALOIDS
(PA) VASODILATOR AGENTS
(NO) structure in first source

apovitellenin
(SY) apovitellenin I
(HM) *EGG PROTEINS
(NO) low MW protein readily isolated from major lipoprotein of avian egg yolk

apovitellenin I see apovitellenin

apo VLDL-II see apolipoprotein VLDL II

apoVLDL-II see apolipoprotein VLDL II

apoyohimbine
(RN) 2671-50-3
(HM) YOHIMBINE/*analogs
(PA) ADRENERGIC ALPHA RECEPTOR BLOCKADERS
(NO) RN from Toxline, RN not in Chemline 11/84

AppA see diadenosine pyrophosphate

apparicine see pericalline

4-APPA see amidinophenylpyruvic acid

APPC see apalcillin

APPCP see alpha,beta-methyleneadenosine 5'-triphosphate

N-APPGPM see N-acetylprolyl-prolyl-glycyl-prolyl-methylamide

3-APPHC see 3-(4-amino-1H-pyrrolo(2,3-d)pyrimidin-1-yl)-5-(hydroxymethyl)-1,2-cyclopentanediol

AP4A phosphorylase see diadenosine 5,5'''-P(1),P(4)-tetraphosphate alpha, beta-phosphorylase

3-APPN see 3-(2-aminophenyl)propanamine

AppppA see diadenosine tetraphosphate

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AP protocol
(SY) AP regimen
(HM) DOXORUBICIN
(HM) CISPLATIN
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol of above cpds; do not confuse with AP combination which is a chemotherapy protocol of MELPHALAN & PREDNISONE

APPTL-GnRH see GnRH, (Ac-dehydro-Pro(1)-4-Cl-Phe(2)-Trp(3,6))-N-(alpha)-MeLeu(7)-

AP4A pyrophosphatase see bis(5'-nucleosyl)tetraphosphatase (symmetrical)

AP4A pyrophosphohydrolase see bis(5'-nucleosyl)tetraphosphatase (symmetrical)

APP 201-533
(SY) 3-amino-6-methyl-5-phenyl-2(1H)-pyridinone
(HM) *PYRIDONES
(PA) CARDIOTONIC AGENTS
(NO) structure given in first source

2-APQ see 2-amino-11H-pyrido(2,1-b)quinazolin-11-one

apramycin
(RN) 37321-09-8
(RR) 37304-82-8 (former CAS registry number)
(RR) 65710-07-8 (unspecified sulfate)
(HM) *NEBRAMYCIN/analogs
(NO) most complex of the nebramycin factors; RN given refers to parent cpd; structure

AP regimen see AP protocol

APRL see 1-hexadecyl-2-acetyl-glycero-3-phosphocholine

aprobarbital see allylpropymal

aprobarbitone see allylpropymal

aprofen
(RN) 3563-01-7
(RR) 2589-00-5 (HCl)
(SY) aprophen
(SY) 2,2-diphenylpropanoic acid N,N-diethylaminoethyl ester
(HM) *PHENYLPROPIONATES
(PA) PARASYMPATHOLYTICS
(NO) RN given refers to parent cpd; structure

apronalide
(RN) 528-92-7
(SY) sedormid
(SY) allylisopropylacetylurea
(SY) allylisopropylacetylcarbamide
(HM) UREA/*analogs
(PA) HYPNOTICS AND SEDATIVES
(NO) structure

aprophen see aprofen

A protein see gene proteins, viral

APRP see acute-phase reactant proteins

APS kinase see adenylylsulfate kinase

APS 306
(RN) 90880-59-4
(SY) APS-306
(HM) *PROSTAGLANDINS X
(II) PROSTAGLANDINS, SYNTHETIC

APS-306 see APS 306

APTAA-LHRH see ORG 30276

APT-3'-I and II see aminoglycoside 3'-phosphotransferases (I and II)

aptazapine
(RN) 71576-40-4
(RR) 71576-41-5 (maleate[1:1])
(SY) CGS-7525A
(SY) 1,3,4,14b-tetrahydro-2-methyl-10H-pyrazino-(1,2-a)pyrrolo(2,1-c)(1,4)-benzodiazepine
(SY) CGS 7525A
(HM) *BENZODIAZEPINES
(PA) ADRENERGIC ALPHA RECEPTOR BLOCKADERS
(PA) ANTIDEPRESSIVE AGENTS
(NO) structure given in first source

APTLSP see substance P, Arg(1)-Pro(2)-Trp(7),(9)-LeuNH(2)(11)-

aptocaine
(RN) 19281-29-9
(SY) pirothesin
(HM) *TOLUIDINES
(PA) ANESTHETICS, LOCAL
(NO) RN given refers to parent cpd; structure

4-APTP see N-((4-azidophenyl)thio)phthalimide

13-ApT see 7-(2-(4-hydroxyphenethylamino)cyclopentyl)heptanoic acid

ApUp see adenylyl-(3'-5')-uridine 3'-monophosphate

apurinic DNA endonuclease see endodeoxyribonuclease (apurinic or apyrimidinic)

apurinic endonuclease see endodeoxyribonuclease (apurinic or apyrimidinic)

A2-purinoceptor see purine receptor

apurone see flumequine

2 APV see 2-amino-5-phosphonovalerate

apyrimidinic acid
(HM) *POLYNUCLEOTIDES
(NO) DNA hydrolysate devoid of pyrimidine nucleotides

AP-14 see difenamizole

AP 14 see difenamizole

AP 237 see AP-237

AP-237
(RN) 17719-89-0
(RR) 17730-82-4 (HCl)
(SY) 1-N-butyryl-4-cinnamylpiperazine
(SY) AP 237
(SY) 1-(1-oxobutyl)-4-(3-phenyl-2-propenyl) piperazine.HCl
(HM) *PIPERAZINES
(PA) ANALGESICS
(NO) RN given refers to parent cpd; structure

2-AP8 see 2-amino-8-phosphonooctanoic acid

(AP)3A see adenylyl-(3'-5')-adenylyl-(3'-5')-adenylyl-(3'-5')-adenosine

Ap4A see diadenosine tetraphosphate

AP4G see adenosine 5'-P(1)-tetraphosphate-P(4)-5'''-guanosine

AP40 see bio-vitroceramic AP40

Ap5A see 1',(1),P(5)-di(adenosine-5'-)pentaphosphate

5'Ap3A see adenosine 5'-triphosphate 5'-adenosine

AQA 39Cl see AQ-A 39

AQ-AH-208 see AQ-A 39

AQ-AH 208 see AQ-A 39

AQA 39 see AQ-A 39

AQ-A-39 see AQ-A 39

AQ-A 39
(RN) 77862-92-1
(RR) 77910-19-1 (HCl)
(SY) 5,6-dimethoxy-2-(3-((alpha-(3,4-dimethoxy) phenylethyl)methylamino)propyl)phthalimidine
(SY) AQA 39
(SY) AQA 39Cl
(SY) AQ-A-39
(SY) AQ-AH 208
(SY) AQ-AH-208
(HM) *PHTHALIMIDES
(PA) CARDIOVASCULAR AGENTS
(PA) ANTIMUSCARINIC AGENTS
(PA) CALCIUM CHANNEL BLOCKERS
(NO) bradycardic agent which blocks myocardial calcium channels in frequency- & voltage-dependent manner; RN given refers to parent cpd; structure given in Unlisted Drugs

1,5-AQBB see N,N'-1,5-anthraquinonylenebisbenzamide

O-AQO1 see O antigen, bacterial

aqua(1,1-bis(aminomethyl)cyclohexane)sulfatoplatinum (II) see spiroplatin

aqua-cem
(HM) *ACRYLIC RESINS
(II) GLASS IONOMER CEMENTS
(NO) poly(acrylic acid)-based glass ionomer cement

aquacobalamin
(RN) 13422-52-1
(HM) VITAMIN B 12/*analogs
(NO) RN given refers to hydroxide; RN for parent cpd not in Chemline 1/85

aquaplast, caprolactone
(RN) 24980-41-4
(SY) PCL-700
(SY) poly(epsilon-caprolactone)
(SY) PCL 700
(HM) *POLYESTERS
(NO) polymer made by Union Carbide; basic ingredient poly (epsilon-caprolactone); used to make splint/brace material; aquaplast is also a synonym for CARBOXYMETHYLCELLULOSE; structure

aquashade
(RN) 92170-50-8
(HM) *TARTRAZINE
(HM) *BENZENESULFONATES
(PA) HERBICIDES
(II) DYES
(NO) mixture of acid yellow 23 (tartrazine) & acid blue 9; reduces light available for aquatic plant photosynthesis

aquasol A see retinol palmitate

AquI endonuclease see endodeoxyribonuclease AvaI

aquilide A
(RN) 88825-03-0
(HM) *INDANS
(PA) MUTAGENS
(NO) from bracken fern (Pteridium aquilinum); structure given in first source

aquo-MetHb see aquomethemoglobin

aquomethemoglobin
(RN) 61008-19-3
(RR) 61614-13-9 (aquo-MetHb A0)
(RR) 69865-44-7 (aquo-MetHb A1C)
(SY) aquo-MetHb
(SY) aquomethemoglobins
(HM) *METHEMOGLOBIN
(NO) high spin cpmplex of H20 & MetHb; RN given refers to aquo-MetHb A & not in Chemline 8/11/83

aquomethemoglobins see aquomethemoglobin

aquometmyoglobin
(HM) *METMYOGLOBIN
(NO) complex of metmyoglobin & H2O

aquopentanamine cobalt(III)
(SY) APACo III
(HM) *ALLYLAMINE/analogs

ara-AC see 5-azacytosine arabinoside

ara ATP see ara-ATP

ara-ATP
(RN) 3714-60-1
(SY) arabinofuranosyladenine triphosphate
(SY) ara ATP
(SY) 9 beta-D-arabinofuranosyladenine 5'-triphosphate
(HM) *ARABINOFURANOSYLADENINE MONOPHOSPHATE/analogs
(NO) structure

2-F-araATP see 2-fluoro-araATP

araban
(RN) 11078-27-6
(HM) *POLYSACCHARIDES
(NO) contains arabinose & galactose

arabinan synthase
(RN) EC 2.4.2.-
(HM) *PENTOSYLTRANSFERASES
(NO) UDP-beta-L-arabinose is donor

D-arabinitol see arabitol

D-arabinitol dehydrogenase
(RN) EC 1.1.1.11
(RR) 9028-18-6 (CRN)
(SY) D-arabitol dehydrogenase
(HM) *SUGAR ALCOHOL DEHYDROGENASES

arabinofuranosyladenine triphosphate see ara-ATP

arabinofuranosylthymine see ara-T

arabinofuranosyluridine triphosphate see ara-UTP

arabinogalactan
(RN) 9036-66-2
(HM) *GALACTANS
(II) POLYSACCHARIDES, BACTERIAL
(NO) polysaccharide in cell wall of Nocardia asteroides

arabino-hexosulose see glucosone

D-arabino-2-hexosulose see glucosone

D-arabino-3-hexulose 6-phosphate formaldehyde-lyase see hexose phosphate synthetase

D-arabino-3-hexulose-6-phosphate-lyase see hexose phosphate synthetase

arabinomannan
(RN) 53026-40-7
(SY) D-arabinomannan
(HM) *MANNANS
(II) POLYSACCHARIDES, BACTERIAL
(NO) concanavalin A-reactive polysaccharide from Mycobacterium

D-arabinomannan see arabinomannan

L-arabinose binding protein see arabinose-binding protein

arabinose-binding protein
(SY) arabinose binding protein
(SY) L-arabinose binding protein
(HM) *CARRIER PROTEINS
(II) BACTERIAL PROTEINS
(II) ARABINOSE
(NO) on membrane bound polysomes from E coli

arabinose binding protein see arabinose-binding protein

L-arabinose isomerase
(RN) EC 5.3.1.4
(RR) 9023-80-7 (CRN)
(HM) *CARBOHYDRATE ISOMERASES

arabinosephosphate isomerase
(RN) EC 5.3.1.13
(SY) arabinose 5-phosphate ketolisomerase
(HM) *CARBOHYDRATE ISOMERASES
(NO) catalyzes reversibly the conversion of arabinose phosphate to ribulosephosphate

arabinose 5-phosphate ketolisomerase see arabinosephosphate isomerase

D-arabinose 5-phosphate see arabinose 5-phosphate

arabinose 5-phosphate
(RN) 13137-52-5
(RR) 41548-30-5 (di-Li salt)
(RR) 69881-35-2 ((beta-D)-isomer)
(SY) D-A-5-P
(SY) D-arabinose 5-phosphate
(HM) *PENTOSEPHOSPHATES
(NO) RN given refers to (D)-isomer

arabinosidase see alpha-L-arabinofuranosidase

arabinosylcytosine deaminase
(RN) EC 3.5.4.-
(SY) ara-C deaminase
(SY) cytarabine deaminase
(HM) *NUCLEOSIDE DEAMINASES

arabinosylcytosine kinase
(RN) EC 2.7.1.-
(SY) 1 beta-D-arabinofuranosylcytosine kinase
(HM) *PHOSPHOTRANSFERASES, ATP

arabinosylcytosine 5'-monophosphate see 1-beta-D-arabinofuranosylcytosine 5'-monophosphate

arabinosyl-hydroxyproline transferase
(RN) EC 2.4.2.-
(SY) AR-HPT
(SY) protein-arabinosyltransferase
(HM) *PENTOSYLTRANSFERASES
(NO) involved in glycoprotein synthesis in plants

arabinosylthymidine see ara-T

arabinosylthymine see ara-T

arabinosylthymine 5'-triphosphate
(RN) 66097-68-5
(SY) ara-TTP
(SY) 1 beta-D-arabinofuranosylthymine 5'-triphosphate
(SY) ara TTP
(HM) *ARABINONUCLEOTIDES
(NO) structure

D-arabitol see arabitol

arabitol
(RN) 2152-56-9
(RR) 488-82-4 ((D)-isomer)
(RR) 7643-75-6 ((L)-isomer)
(SY) D-arabinitol
(SY) D-arabitol
(HM) *SUGAR ALCOHOLS
(NO) RN given refers to cpd without isomeric designation

D-arabitol dehydrogenase see D-arabinitol dehydrogenase

D-araboascorbic acid see isoascorbic acid

ara-CDP 2-cyclohexylmethyl ester see P(1)-(1-cyclohexylmethyl)-P(2)-(1-beta-arabinofuranosylcytosin-5'-yl)pyrophosphate

ARA-CDP-diolein see 1 beta-arabinofuranosylcytosine 5'-diphosphate-1,2- diolein

ARA-CDP-dipalmitin see 1 beta-D-arabinofuranosylcytosine 5'-diphosphate-L-1, 2 dipalmitin

ARA-CDP-distearin see 1 beta-arabinofuranosylcytosine 5'-diphosphate-1,2- distearin

ara-CDP hexadecyl ester see P(1)-(1-hexadecyl)-P(2)-(1-beta-arabinofuranosylcytosin-5'-yl)pyrophosphate

arachidonate see arachidonic acid

arachidonate epoxygenase
(RN) EC 1.14.13.-
(SY) NADPH-dependent arachidonic acid epoxygenase
(HM) *OXYGENASES
(NO) requires cytochrome P-450; uses NADPH and oxygen; forms 5,6-,8,9-11,12- and 14,15-cis-epoxyeicosatrienoic acids

arachidonate lipoxygenase
(RN) EC 1.13.11.-
(SY) arachidonic acid 12-lipoxygenase
(SY) 12-lipoxygenase
(SY) arachidonic acid 15-lipoxygenase
(SY) arachidonic acid lipoxygenase
(SY) 5-lipoxygenase
(SY) 15-lipoxygenase
(HM) *LIPOXYGENASES
(NO) aspect of EC 1.13.11.12; arachidonic acid yields HETE

arachidonic acid
(RN) 7771-44-0
(RR) 506-32-1 ((Z)-isomer)
(RR) 6610-25-9 (Na salt(Z)-isomer)
(RR) 13103-38-3 (K salt(Z)-isomer)
(RR) 65388-02-5 (Zn salt(Z)-isomer)
(SY) arachidonate
(HM) *ARACHIDONIC ACIDS
(NO) RN given refers to unspecified stereoisomer; structure in Merck Index, 9th ed, #793

arachidonic acid 15-hydroperoxide see 15-hydroperoxy-5,8,11,13-eicosatetraenoic acid

arachidonic acid 5-hydroperoxide
(RN) 74581-83-2
(SY) 5-HPETE
(SY) cis,trans-5-hydroperoxy-6,8,11,14-eicosatetraenoic acid
(SY) 6,8,11,14-eicosatetraenoic acid 5-hydroperoxide
(SY) 5-hydroperoxy-6,8,11,14-eicosatetraenoic acid
(HM) *ARACHIDONIC ACIDS
(NO) 5-HPETE is used inconsistently in literature as syn for cpds with various tetraene locants; RN given refers to (6,8,11,14)-isomer; RN in CA Vol 91 Form Index for (E,Z,Z,Z)-isomer: 70968-82-0; RN for (5,8,11,13)-isomer: 71133-12-5; in Merck, arachidonic acid is the (5,8,11,14)-isomer

arachidonic acid lipoxygenase see arachidonate lipoxygenase

arachidonic acid 12-lipoxygenase see arachidonate lipoxygenase

arachidonic acid 15-lipoxygenase see arachidonate lipoxygenase

arachidonic acid omega-9 hydroperoxide see 12-HPETE

arachidonyl-CoA see arachidonyl-coenzyme A

arachidonyl-coenzyme A
(RN) 17046-56-9
(SY) coenzyme A, arachidonyl-
(SY) arachidonyl-CoA
(HM) *ACYL COENZYME A

arachidonyl coenzyme A synthetase
(RN) EC 6.2.1.-
(HM) *COENZYME A SYNTHETASES

2-arachidonyl diglyceride see diarachidonyl diglyceride

1-arachidonyl monoglyceride
(RN) 35474-99-8
(SY) 1-monoarachidonic glyceride
(SY) glyceryl monoarachidonate
(SY) glycerylarachidonate
(HM) *GLYCERIDES
(NO) causes platelet aggregation

arachidonyl phosphatidylinositol
(HM) *PHOSPHATIDYLINOSITOLS

arachidonyl transacylase
(RN) EC 2.3.1.-
(HM) *ACYLTRANSFERASES
(NO) catalyzes CoA-independent transfer of arachidonate from phosphatidylcholine to lysoplasmenylethanolamine

arachidoyl CoA see arachidoyl coenzyme A

arachidoyl coenzyme A
(RN) 15895-27-9
(SY) arachidoyl CoA
(SY) coenzyme A, arachidoyl
(HM) *ACYL COENZYME A

Arachin
(RN) 1398-00-1
(HM) *PLANT PROTEINS

arachis oil
(RN) 8002-03-7
(SY) peanut oil
(SY) ground nut oil
(HM) *OILS
(II) PEANUTS

arachnidan hyperglycemic hormone see hyperglycemic hormone, arachnidan

ara 5'-CMP see 1-beta-D-arabinofuranosylcytosine 5'-monophosphate

araC protein see ara-C protein

ara-DAP
(RN) 34079-68-0
(SY) 2,6-diaminopurine-9-beta-D-arabinofuranoside
(SY) 2,6-diamino-9 beta-arabinofuranosylpurine
(SY) 2,6-diaminopurine arabinoside
(HM) VIDARABINE/*analogs
(PA) ANTIVIRAL AGENTS
(NO) structure

ara-C deaminase see arabinosylcytosine deaminase

ara-G see 9 beta-D-arabinofuranosylguanine

ara-GTP see 9-beta-D-arabinofuranosylguanosine 5'-triphosphate

AraHx see hypoxanthine arabinoside

ara-hx see hypoxanthine arabinoside

ara-HxMP see 9-beta-D-arabinofuranosylhypoxanthine 5'-monophosphate

(3S,4R,4aR,5R,6R)-4-(L-alanylamino)-3-(dichloromethyl)-3,4,4a,5,6,7-hexahydro-5,6,8-trihydroxy-3-methyl-1H-2-oxa-1-naphthalenone see bactobolin

araldite
(RN) 37226-48-5
(RR) 54991-02-5 (araldite D)
(RR) 85-42-7 (araldite HT 907)
(RR) 26616-47-7 (araldite CY 175)
(RR) 25085-98-7 (araldite CY 179)
(SY) hexahydrophthalic anhydride
(HM) *EPOXY RESINS
(HM) *PHTHALIC ANHYDRIDES
(NO) RN given refers to araldite; see also record for araldite B

aramite
(RN) 140-57-8
(SY) CES
(SY) Niagaramite
(SY) 2-(p-tert-butylphenoxy)-1-methylethyl 2-chloroethyl sulfurous acid ester
(HM) *PHENYL ETHERS
(PA) INSECTICIDES, ORGANOCHLORINE
(II) FOOD ADDITIVES
(NO) structure in Merck Index, 9th ed, #797

ara-C protein
(SY) ara C protein
(SY) araC protein
(HM) *REPRESSOR PROTEINS
(NO) represses the promoters on arabinose operon of E coli

ara C protein see ara-C protein

ara-T
(RN) 605-23-2
(SY) arabinosylthymidine
(SY) arabinosylthymine
(SY) 1 beta-D-arabinofuranosylthymine
(SY) thymine arabinoside
(SY) arabinofuranosylthymine
(HM) THYMIDINE/*analogs
(HM) *ARABINONUCLEOSIDES
(PA) ANTIVIRAL AGENTS
(NO) selectively inhibits replication of herpes simplex virus

ara TTP see arabinosylthymine 5'-triphosphate

ara-TTP see arabinosylthymine 5'-triphosphate

ara-UTP
(RN) 60102-52-5
(SY) arabinofuranosyluridine triphosphate
(HM) *URIDINE TRIPHOSPHATE/analogs

arazide
(RN) 69370-82-7
(SY)
2'-azido-2'-deoxy-beta-D-arabinofuranosyladenine
(HM) VIDARABINE/*analogs

3-I-Ara-U see 1-(3'-iodo-3'-deoxyarabinofuranosyl)uracil

AR-L 113 BS
(RN) 77414-25-6
(RR) 53930-22-6 (mono-HCl)
(SY) sulmazole sulfide
(HM) *IMIDAZOLES
(NO) sulmazole metabolite; RN given refers to parent cpd; structure given in first source

AR-L 114 BS
(RN) 77414-24-5
(RR) 53930-43-1 (mono-HCl)
(SY) AR-L-114-BS
(SY) sulmazole sulfone
(HM) *IMIDAZOLES
(NO) sulmazole metabolite; RN given refers to parent cpd; structure given in first source

AR-L-114-BS see AR-L 114 BS

AR-L 115 BS see sulmazole

arcaine
(RN) 544-05-8
(RR) 14923-17-2 (sulfate[1:1])
(RR) 58585-47-0 (di-HCl)
(RR) 36587-93-6 (unspecified sulfate)
(SY) tetramethylenediguanide
(HM) *BIGUANIDES
(NO) RN given refers to parent cpd; structure

(5S,6aR)-5-chloro-4,5,6,6a-tetrahydro-6a-hydroxy-3-imino-3H-3a-azapentalene see clazamycin A

AR-L-57 CL see AR-L 57 CL

AR-L 57 CL
(RN) 61393-38-2
(SY) AR-L 57
(SY) AR-L-57 CL
(HM) *IMIDAZOLES
(PA) CARDIOTONIC AGENTS
(NO) structure

AR C239 see AR-C239

AR-C239
(RN) 67339-62-2
(SY) 2-(2-(4-(o-methoxyphenyl)piperazine-1-yl)ethyl)-4,4-dimethyl-1,3(2H,4H)isoquinolinedione
(SY) AR C239
(HM) *ISOQUINOLINES
(PA) ADRENERGIC ALPHA RECEPTOR BLOCKADERS
(NO) structure given in first source

AR-DF 26 see gliquidone

Arduan see pipecurium

A2C reagent see A(2)C

arecaidine esters
(SY) isoarecaidine esters
(HM) ARECOLINE/*analogs

arechin see chloroquine diphosphate

arecoline methiodide
(RN) 4554-30-7
(HM) ARECOLINE/*analogs
(II) RECEPTORS, NICOTINIC/drug eff
(NO) agonist of nicotinic acetylcholine receptors

arecolone methiodide
(RN) 87453-64-3
(HM) ARECOLINE/*analogs
(II) RECEPTORS, NICOTINIC/drug eff
(NO) agonist of nicotinic acetylcholine receptors; structure given in first source

arenaemycin E
(RN) 31501-48-1
(SY) pentalenolactone
(HM) SESQUITERPENES
(PA) ANTIBIOTICS
(NO) from Streptomyces species; arenaemycin C is the chlorhydrin of the parent cpd, arenaemycin D is the diol & arenaemycin E is the epoxide; structure

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arenarin
(RN) 8076-32-2
(HM) *ANTIBIOTICS
(II) PLANTS, MEDICINAL
(NO) antibiotic from Helichrysum arenarum D.C.; Russian drug

arene monooxygenase (epoxidizing)
(RN) EC 1.14.99.8
(RR) 37256-83-0 (CRN)
(SY) naphthalene oxygenase
(HM) *OXYGENASES
(NO) substrate NAPHTHALENES may be replaced by other substrates

arene oxides
(HM) *ETHERS, CYCLIC

arfalasin
(RN) 60173-73-1
(RR) 71546-00-4 (acetate salt)
(SY) Hoe 409
(SY) Hoe-409
(SY) 1-succinamoyl-5-valyl-8-phenylglycine angiotensin II
(SY) angiotensin II, 1-succinamoyl-5-Val-8-PhGly-
(HM) ANGIOTENSIN II/*analogs
(NO) RN given refers to parent cpd (L)-isomer; RN for cpd without isomeric designation not in Chemline 8/85

arflamin see solufenum

Arfonad see trimethaphan camsylate

ARF protein cofactor
(SY) protein cofactor, ARF
(SY) protein cofactor(guanine nucleotide regulatory protein)
(SY) adenylate cyclase receptor complex
(HM) *MEMBRANE PROTEINS
(II) CARRIER PROTEINS
(II) ADENYL CYCLASE
(II) RECEPTORS, ADRENERGIC, BETA
(NO) MW 21,000; cofactor for cholera toxin-dependent ADP-ribosylation of the stimulatory GTP-binding regulatory component of adenylate cyclase

Arg-Arg-Lys-Ala-Ser-Gly-Pro-Pro-Val see arginyl-arginyl-lysyl-alanyl-seryl-glycyl-prolyl-prolyl-valine

Arg-Arg-2-NNap see arginylarginine 2-naphthylamide

Arg(9,12,24,28,29)-beta-endorphin see beta-endorphin, Arg(9,12,24,28,29)-

Arg-chloromethyl ketone see arginine chloromethyl ketone

Arg(2)-dermorphin see dermorphin, 2-arginine-

argemone oil
(HM) *OILS
(NO) edible oil in Argemone mexicana seed oil

Arg(2)-Gly(3)-Phe(4)-dermorphin see dermorphin, 2-arginyl-3-glycyl-4-phenylalanine-

Arg-4-HMeC see arginine 4-methyl-7-coumarylamide

Arg(III)-tRNA see tRNA, arginine-

argininal
(SY) arginine aldehyde
(HM) ARGININE/*analogs

L-Argininamide, N-benzoyl-L-isoleucyl-5-oxo-5-(1-piperidinyl)-L-norvalylglycyl-N-(4-nitrophenyl)- see S-2337

arginine aldehyde see argininal

arginine aminopeptidase
(RN) EC 3.4.11.6
(RR) 9073-92-1 (CRN)
(SY) aminopeptidase B
(SY) chloride-dependent arginine aminopeptidase
(HM) *AMINOPEPTIDASES

arginine aspartate
(RN) 7675-83-4
(RR) 41055-75-8 ((DL)-isomer)
(HM) *ASPARTIC ACID
(HM) *ARGININE
(NO) RN given refers to (L)-isomer of aspartic acid with L-arginine (1:1)

arginine(9,12,24,28,29)-beta-endorphin see beta-endorphin, Arg(9,12,24,28,29)-

arginine beta-naphthylamide
(RN) 7182-70-9
(RR) 18905-73-2 (HCl)
(HM) ARGININE/*analogs
(NO) RN given refers to (S)-isomer; RN for cpd without isomeric designation not in Chemline 5/83

arginine butyrate
(RN) 80407-72-3
(HM) ARGININE/*analogs
(NO) protects against lethal effect of encelphalomyocarditis virus in mice

arginine chloromethyl ketone
(RN) 76833-33-5
(SY) Arg-chloromethyl ketone
(HM) *AMINO ACID CHLOROMETHYL KETONES

arginine converting enzyme see arginine deiminase

arginine decarboxylase
(RN) EC 4.1.1.19
(RR) 9024-77-5 (CRN)
(HM) *CARBOXY-LYASES

8-L-arginine-9-deglycinamide vasopressin see vasopressin, 9-des-Gly-NH(2)-8-Arg-

arginine deiminase
(RN) EC 3.5.3.6
(RR) 9027-98-9 (CRN)
(SY) arginine dihydrolase
(SY) peptidylarginine deiminase
(SY) arginine converting enzyme
(HM) *HYDROLASES
(NO) arginine converted to citrulline + NH3

2-arginine-dermorphine see dermorphin, 2-arginine-

arginine dihydrolase see arginine deiminase

arginine esterase
(RN) EC 3.1.-
(SY) ME-1
(SY) arginine ester hydrolase
(SY) ME-2
(SY) ME 1
(SY) ME 2
(SY) arginine esterase A
(SY) esterase E-II
(SY) esterase A
(HM) *CARBOXYLIC ESTER HYDROLASES
(NO) probably refers to an aspect of a proteinase; also index to specific proteinase class

arginine esterase A see arginine esterase

arginine ester hydrolase see arginine esterase

arginine-glycine transamidinase see glycine amidinotransferase

arginine hydroxamate see argininehydroxamic acid

argininehydroxamic acid
(RN) 5699-67-2
(RR) 25125-95-6 ((S)-isomer)
(SY) arginine hydroxamate
(HM) ARGININE/*analogs
(NO) RN given refers to cpd without isomeric designation

arginine(III)-tRNA see tRNA, arginine-

arginine (B22)insulin see insulin, Arg (B22)-

arginine-15-kallikrein-trypsin inactivator see trasylol, Arg(15)-

8-arginine-1-(3-mercaptopropanoic acid)vasotocin see vasotocin, 1-(3-mercaptopropanoic acid)-8-Arg-

arginine 4-methylcoumarinyl-7-amide see arginine 4-methyl-7-coumarylamide

arginine 4-methyl-7-coumarylamide
(SY) Arg-4-HMeC
(SY) arginine 4-methylcoumarinyl-7-amide
(HM) *COUMARINS
(II) FLUORESCENT DYES

9-arginine-neurotensin see neurotensin, Arg(9)-

arginine-ornithine-binding protein see arginyl-ornithine transport protein

arginine oxidase
(RN) EC 1.4.3.-
(HM) *AMINO ACID OXIDOREDUCTASES
(NO) catalyzes the oxidative deamination from arginine to 2-ketoarginine

arginine permease
(RN) 56626-25-6
(HM) *PERMEASES

arginine-2-phenyl-5-thiazolone
(RN) 71198-10-2
(SY) PTA-ARG
(HM) ARGININE/*analogs
(NO) trypsin & pronase substrate; structure given in first source

arginine phosphate see phospho-L-arginine

arginine protease
(RN) EC 3.4.99.-
(HM) *PEPTIDE PEPTIDOHYDROLASES

arginine repressor protein
(SY) Arg R protein
(HM) *REPRESSOR PROTEINS

arginine synthetase system
(HM) *MULTIENZYME COMPLEXES
(HM) *ARGININOSUCCINATE SYNTHETASE
(HM) *ARGININOSUCCINATE LYASE
(NO) usually assayed to follow aspartate & citrulline which yield arginosuccinate

arginine thiazolidinecarboxylate
(RN) 57631-15-9
(SY) ATCA
(HM) *ARGININE
(NO) prophylactic against galactosamine hepatotoxicity; thiazolidinecarboxylate salt of arginine

arginine-tRNA see tRNA, arginine-

L-Arginine, N(2)-(N-(N-(N-(N-L-tyrosylglycyl)glycyl)-L-phenylalanyl)-L-leucyl)- see enkephalin-Leu, Arg(6)-

arginine vasopressin (4-9) see argipressin (4-9)

arginine vasotocin receptors see vasotocin receptor

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argininyl(1)-prolyl(2)-tryptophanyl(7),(9)-leucinamide(11)-substance P see substance P, Arg(1)-Pro(2)-Trp(7),(9)-LeuNH(2)(11)-

Arg (B22)insulin see insulin, Arg (B22)-

arginyl adenylate
(RN) 15470-08-3
(HM) ADENOSINE MONOPHOSPHATE/*analogs

arginylarginine 2-naphthylamide
(RN) 15483-59-7
(SY) Arg-Arg-2-NNap
(HM) *DIPEPTIDES
(NO) substrate for dipeptidyl peptidase III

arginyl-arginyl-lysyl-alanyl-seryl-glycyl-prolyl-prolyl-valine
(SY) Arg-Arg-Lys-Ala-Ser-Gly-Pro-Pro-Val
(SY) AALASGPPV
(HM) *OLIGOPEPTIDES
(NO) synthetic nonapeptide ; substrate for in vitro phosphorylation by protein kinase C

6-arginyl-7-glycyl-9-leucyl-9-lysyl-methionine enkephalin see enkephalin-Met, Arg(6)-Gly(7)-Leu(8)-Lys(9)-

6-arginyl-7-glycyl-8-leucyl-methionine enkephalin see enkephalin-Met, Arg(6)-Gly(7)-Leu(8)-

2-arginyl-3-glycyl-4-phenylalanine-dermorphin see dermorphin, 2-arginyl-3-glycyl-4-phenylalanine-

arginyl(III)-tRNA see tRNA, arginine-

6-arginyl-leucine enkephalin see enkephalin-Leu, Arg(6)-

arginyllysine esteropeptidase
(RN) EC 3.4.22.-
(SY) Arg-Lys esteropeptidase
(SY) arginyl-lysyl-esteropeptidase
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) cleaves peptides at Arg-Lys bond; converts somatostatin 28 into somatostatin 14

arginyl-lysyl-aspartic acid see RGH 0205

arginyl-lysyl-aspartyl-valine see RGH 0206

arginyl-lysyl-esteropeptidase see arginyllysine esteropeptidase

6-arginyl-methionine enkephalin see enkephalin-Met, Arg(6)-

arginyl-ornithine transport protein
(SY) arginine-ornithine-binding protein
(SY) Arg-Orn-binding protein
(HM) *CARRIER PROTEINS
(II) DIPEPTIDES
(NO) periplasmic protein from E coli K-12 with low-affinity system distinct from high-affinity system of LAO-binding protein

6-arginyl-7-phenylalaninamide-methionine enkephalin see enkephalin-Met, Arg(6)-PheNH(2)(7)-

6-arginyl-7-phenylalanyl-methionine enkephalin see enkephalin-Met, Arg(6)-Phe(7)-

arginylproline
(RN) 2418-69-1
(RR) 23828-45-7 (diacetate(L)-isomer)
(SY) Arg-Pro
(HM) *DIPEPTIDES
(II) SUBSTANCE P
(NO) first & second amino acid in substance P sequence; RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 11/83

arginyl-prolyl-lysyl-prolinamide see substance P(1-4)

arginyltransferase
(RN) EC 2.3.2.8
(RR) 37257-24-2 (CRN)
(SY) arginyl-tRNA protein transferase
(HM) *ACYLTRANSFERASES
(II) PEPTIDE CHAIN ELONGATION

arginyl-tRNA see tRNA, arginine-

arginyl-tRNA protein transferase see arginyltransferase

1-arginyl-7,9-tryptophanyl-11-leucine substance P see spantide

arginyl(1)-tryptophanyl(7),(9)-leucyl(12)-substance P see substance P, Arg(1)-Trp(7),(9)-Leu(12)-

5-arginyl-7,9-tryptophyl-11-norleucyl-substance P(5-11) see substance P(5-11), Arg(5)-Trp(7,9)-Nle(11)-

5-arginyl-7,9-tryptophyl-substance P(5-11) see substance P(5-11), Arg(5)-Trp(7,9)-

arginyltuftsin see tuftsin, Arg-

arginyl-tyrosyl-leucyl-prolyl-threonyl see proctolin

argipressin receptor
(SY) receptor, arginine(8)-vasopressin
(SY) argipressin receptors
(HM) *RECEPTORS, ANGIOTENSIN
(II) ARGIPRESSIN

argipressin receptors see argipressin receptor

argipressin (4-9)
(RN) 87619-87-2
(SY) arginine vasopressin (4-9)
(HM) *ARGIPRESSIN
(HM) *PEPTIDE FRAGMENTS
(NO) principal metabolite of argipressin; RN given refers to (all-L)-isomer; RN for cpd without isomeric designation not in Chemline 8/85

Arg-Lys-Asp see RGH 0205

Arg-Lys-Asp-Val see RGH 0206

Arg-Lys esteropeptidase see arginyllysine esteropeptidase

Arg-Lys-Glu-Val-Tyr see splenopentin

8-Arg-1-(3-mercaptopropanoic acid)vasotocin see vasotocin, 1-(3-mercaptopropanoic acid)-8-Arg-

9-D-Arg NT see neurotensin, Arg(9)-

Arg-Orn-binding protein see arginyl-ornithine transport protein

Arg-Pro see arginylproline

Arg R protein see arginine repressor protein

D-Arg(1)-D-Pro(2)-D-Trp(7),(9)-LeuNH(2)(11)-substance P see substance P, Arg(1)-Pro(2)-Trp(7),(9)-LeuNH(2)(11)-

Arg-15-PTI see trasylol, Arg(15)-

Arg-Thr-Lys-Pro-Arg see tuftsin, Arg-

Arg-tRNA see tRNA, arginine-

Arg(1)-Trp(7,9)-Leu(11)-substance P see spantide

D-Arg(1)-Trp(7),(9)-Leu(12)-substance P see substance P, Arg(1)-Trp(7),(9)-Leu(12)-

Arg(5)-Trp(7,9)-Nle(11)-SP(5-11) see substance P(5-11), Arg(5)-Trp(7,9)-Nle(11)-

Arg(5)-Trp(7,9)-substance P(5-11) see substance P(5-11), Arg(5)-Trp(7,9)-

Arg-tuftsin see tuftsin, Arg-

Arg-Tyr-Leu-Pro-Thr see proctolin

9-D-Arg see neurotensin, Arg(9)-

AR-HPT see arabinosyl-hydroxyproline transferase

aridicin A see aridicins

aridicin B see aridicins

aridicin C see aridicins

aridicins
(SY) aridicin A
(SY) aridicin B
(SY) aridicin C
(HM) GLYCOPEPTIDES
(PA) ANTIBIOTICS
(NO) from Kibdelosporangium aridum; inhibit Gram-positive bacteria

arildone
(RN) 56219-57-9
(SY) Win 38020
(SY) Win-38020
(HM) *KETONES
(PA) ANTIVIRAL AGENTS

aristeromycin
(RN) 19186-33-5
(RR) 62357-70-4
((1alpha,2beta,3beta,5beta)-(+-)-isomer)
(RR) 13190-75-5
((1alpha,2alpha,3beta,5beta)-(+-)-isomer)
(SY) cycloadenosine
(HM) ADENOSINE/*analogs
(NO) RN given refers to (1R-(1alpha,2alpha,3beta,5alpha)-isomer

aristolic acid
(RN) 35142-05-3
(HM) *PLANT EXTRACTS
(PA) ABORTIFACIENT AGENTS, NON-STEROIDAL

aristolochic acid A see aristolochic acid I

aristolochic acid I
(RN) 313-67-7
(RR) 52232-70-9 (Na salt)
(SY) Tardolyt
(SY) 8-methoxy-6-nitrophenanthro(3,4-d)-1,3-dioxole-5-carboxylic acid
(SY) aristolochic acid A
(HM) *PHENANTHRENES
(PA) ANTINEOPLASTIC AGENTS
(PA) ANTIVIRAL AGENTS
(PA) MUTAGENS
(PA) CARCINOGENS
(NO) RN given refers to parent cpd; structure

aristolochic acid II
(RN) 475-80-9
(SY) 6-nitrophenanthro(3,4-d)-3-dioxole-5-carboxylic acid
(HM) *PHENANTHRENES
(PA) MUTAGENS
(PA) CARCINOGENS
(NO) structure given in first source

Aristospan see triamcinolone hexacetonide

ARK 62-62
(SY) ARK-62-62
(SY) cis-bis(ascorbato)-1,2-diaminocyclohexaneplatinum II
(HM) *ORGANOPLATINUM COMPOUNDS
(PA) RADIATION-SENSITIZING AGENTS
(NO) structure given in first source

ARK-62-62 see ARK 62-62

AR-LH-31 see AR-LH31

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AR-LH31
(SY) AR-LH 31
(SY) AR-LH-31
(SY) 8-(3-diethylaminopropyl)-6,6-dimethyl-(2-phenyl-1H-imidazo(4,5h))isoquinoline-7,9-(6H)-dione
(HM) *ISOQUINOLINES
(PA) ANTI-ARRHYTHMIA AGENTS

AR-LH 31 see AR-LH31

AR-L115 see sulmazole

AR-L 57 see AR-L 57 CL

armatan
(RN) 77323-26-3
(HM) *POLYSACCHARIDES
(II) ALGAE, RED
(NO) acidic sulfated polysaccharide isolated from red algae (Asparagopsis Armata) with marked affinity for mononuclear phagocytes system

armator III alloy
(RN) 82641-39-2
(SY) armator 3
(HM) *GOLD ALLOYS

armator 3 see armator III alloy

armillaridin
(HM) *SESQUITERPENES
(NO) isolated from Armillaria mellea mycelium I; structure given in first source

armillarin
(HM) *SESQUITERPENES
(NO) isolated from Armillaria mellea mycelium I; structure given in first source

armillarisin A
(RN) 53696-74-5
(RR) 53696-75-6 (armillarisin B)
(HM) *BENZOPYRANS
(PA) ANTI-INFECTIVE AGENTS

arnebin I see beta, beta-dimethylacrylshikonin

arnica
(RN) 8057-65-6
(HM) *PLANT EXTRACTS
(II) ALLERGENS

aroclor 1016
(RN) 12674-11-2
(SY) aroclor-1016
(HM) *AROCLORS

aroclor-1016 see aroclor 1016

aroclor 1242
(RN) 53469-21-9
(SY) aroclor-1242
(HM) *AROCLORS
(II) ENVIRONMENTAL POLLUTANTS

aroclor-1242 see aroclor 1242

aroclor 1248
(RN) 12672-29-6
(SY) aroclor-1248
(HM) *AROCLORS

aroclor-1248 see aroclor 1248

aroclor 1254
(RN) 11097-69-1
(SY) aroclor-1254
(HM) *AROCLORS

aroclor-1254 see aroclor 1254

aroclor 1260
(RN) 11096-82-5
(SY) aroclor-1260
(SY) askarel
(HM) *AROCLORS

aroclor-1260 see aroclor 1260

arogenate see pretyrosine

arogenate dehydratase see pretyrosine dehydratase

arogenate dehydrogenase
(RN) EC 1.-
(HM) *OXIDOREDUCTASES
(NO) decarboxylates arogenate to tyrosine; requires NAD or NADP

aromatic amine dehydrogenase
(RN) EC 1.5.99.-
(HM) *AMINE OXIDOREDUCTASES
(NO) oxidatively deaminates aromatic amines to aldehydes; phenazine methosulfate acts as electron acceptor

aromatic amino acid aminotransferase
(RN) EC 2.6.1.57
(RR) 37332-38-0 (CRN)
(HM) *AMINOTRANSFERASES
(NO) substrate AMINO ACIDS may be replaced by specific amino acid as appropriate

aromatic ketoacid reductase see diiodophenylpyruvate reductase

aromatic NADH-dependent nitro reductase
(RN) EC 1.-
(SY) nitrofuran reductase
(SY) nitrofurazone reductase
(SY) type I nitroreductases
(SY) NADH-dependent nitro reductase
(SY) nitrofurantoin reductase
(HM) *OXIDOREDUCTASES
(NO) see also record for nitro reductase; type I nitroreductase is not inhibited by oxygen

arom enzyme
(SY) arom enzyme conjugate
(SY) arom pentafunctional enzyme
(HM) *MULTIENZYME COMPLEXES
(NO) multienzyme complex of aromatic amino acid biosyn in Neurospora crassa consists of 5-dehydroshikimate reductase EC 1.1.1.25 5-dehydroquinate dehydratase EC 4.2.1.10 5-dehydroquinate synthetase EC 4.6.1.3 3-enolpyruvylshikimic acid 5-phosphate synthetase shikimic acid kinase EC 2.7.1.71

arom enzyme conjugate see arom enzyme

arom pentafunctional enzyme see arom enzyme

arotinoid ethyl ester see Ro 13-6298

arotinoid ethylsulfone see Ro 15-1570

arotinoid Ro 136298 see Ro 13-6298

arotinoid Ro-137..0 see Ro 13-7410

arotinolol see S-596

5-ARPDP see 5-amino-6-ribitylamino-2,4(1H,3H)pyrimidinedione 5'-phosphate

5-ARPD see 5-amino-6-ribitylamino-2,4(1H,3H)pyrimidinedione

arpenal
(RN) 298-60-2
(SY) N-(3-diethylaminopropyl)-2,2-diphenylacetamide
(HM) *DIPHENYLACETIC ACIDS
(PA) PARASYMPATHOLYTICS
(II) ASTHMA/drug ther
(NO) arpenal in Chemline refers to ester rather than the amide; RN given refers to the amide; structure

8S ARPF see 8S androgen receptor-promoting factor

arphamenine A
(RN) 85713-14-0
(SY) 5-amino-8-guanidino-4-oxo-2-phenylmethyloctanoic acid
(HM) *GUANIDINES
(PA) AMINOPEPTIDASES/antag
(NO) from Chromobacterium violaceum; structure given in second source

arphamenine B
(RN) 88465-81-0
(SY) 5-amino-8-guanidino-2-(4-hydroxyphenylmethyl)-4-oxooctanoic acid
(HM) *GUANIDINES
(PA) AMINOPEPTIDASES/antag
(NO) from Chromobacterium violaceum; structure given in second source

Arpocox see arprinocid

6-ARPPP see NSC-154020

arprinocid
(RN) 55779-18-5
(SY) Arpocox
(SY) MK-302
(SY) 9-(2-chloro-6-fluorobenzyl adenine)
(SY) ICI 123487
(SY) MK 302
(SY) ICI-123487
(HM) ADENINE/*analogs
(PA) COCCIDIOSTATS
(NO) structure

arsanilazocarboxypeptidase A
(HM) *CARBOXYPEPTIDASES
(NO) deriv of carboxypeptidase A, EC 3.4.17.1

arsanilazotyrosine see tyrosine-4-azobenzenearsonate

arsanil isothiocyanate
(RN) 62327-35-9
(SY) arsonic acid benzene isothiocyanate
(SY) AABITC
(HM) *THIOCYANATES
(II) HAPTENS

arsenate see arsenic acid

arsenic acid
(RN) 7778-39-4
(RR) 1327-52-2 (cpd with unknown MF)
(RR) 7786-36-9 (H5AsO5)
(RR) 10102-53-1 (HAsO3)
(RR) 13453-15-1 (H4As2O7)
(SY) orthoarsenic acid
(SY) arsenate
(HM) *ARSENATES
(PA) HERBICIDES
(NO) RN given refers to orthoarsenic acid(H3AsO4); see also sodium arsenate

arsenic-binding protein
(HM) *CARRIER PROTEINS
(II) ARSENIC
(NO) found in rainbow trout

arsenic(III) oxide see arsenic trioxide

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arsenic pentoxide
(RN) 1303-28-2
(HM) *ARSENIC

arsenic sulfide see arsenic trisulfide

arsenic trihydride see arsine

arsenic trioxide
(RN) 1327-53-3
(SY) diarsenic trioxide
(SY) arsenous anhydride
(SY) arsenic(III) oxide
(HM) *ARSENIC
(NO) structure

arsenic trisulfide
(RN) 1303-33-9
(SY) arsenic sulfide
(HM) *ARSENIC
(HM) *SULFIDES

arsenite
(RN) 15502-74-6
(HM) *ARSENIC
(NO) salt of arsenous acid XASO(3)

arsenobetaine
(RN) 64436-13-1
(HM) *ARSENICALS

arsenocholine
(RN) 39895-81-3
(HM) *ARSENICALS

arsenous acid
(RN) 13464-58-9
(HM) *ARSENIC

arsenous anhydride see arsenic trioxide

arsenoxide see oxophenarsine

arsine
(RN) 7784-42-1
(SY) arsenic trihydride
(SY) AsH3
(HM) *ARSENIC
(II) AIR POLLUTANTS, OCCUPATIONAL
(NO) structure

arsonic acid benzene isothiocyanate see arsanil isothiocyanate

4-arsono-2-hydroxybutanoic acid
(RN) 86880-38-8
(HM) *ARSENIC
(HM) *HYDROXYBUTYRATES

1-(4-arsono-2-nitrophenyl)lysine
(SY) alpha ANP-LYS
(SY) alpha-(4-arsono-2-nitrophenyl)-L-lysine
(HM) LYSINE/*analogs

6-(4-arsono-2-nitrophenyl)lysine
(SY) epsilon-(4-arsono-2-nitrophenyl)-L-lysine
(SY) epsilon ANP-LYS
(HM) LYSINE/*analogs

arsphenoxidum see oxophenarsine

ARTDL 6 alpha-hydroxylase see 5 alpha-androstane-3 beta,17 beta-diol 6 alpha- hydroxylase

ARTDL 7 alpha-hydroxylase see 5 alpha-androstane 3 beta,17 beta-diol 7 alpha- hydroxylase

artesannuin see artemisinine

artemether
(RN) 71939-51-0
(RR) 82638-05-9 (duplicate RN)
(RR) 80286-56-2 ((3R-(3alpha,5abeta,6beta,8aalpha,9alpha,10beta,12beta,12aR = *))-isomer)
(RR) 76496-29-2 ((3R-(3alpha,5abeta,6alpha,8abeta,9alpha,10alpha,12beta,12a = R^))-isomer)
(RR) 76496-28-1 ((3R-(3alpha,5abeta,6alpha,8abeta,9alpha,10beta,12beta,12aR = *))-isomer)
(RR) 71963-77-4 ((3R-(3alpha,5abeta,6beta,8abeta,9alpha,10alpha,12beta,12aR = *)-isomer)
(RR) 71939-51-0 ((3alpha,5abeta,6beta,8abeta,9alpha,10beta,12beta,12aR*)-isomer)
(SY) O-methyldihydroartemisinine
(HM) *PYRANS
(PA) ANTIMALARIALS
(PA) SCHISTOSOMICIDES
(NO) RN given refers to (3alpha,5abeta,6beta,8abeta,9alpha,10beta,12beta,12aR*)-isomer

artemisinine
(RN) 63968-64-9
(SY) qinghaosu
(SY) arteannuin
(SY) quinghaosu
(SY) Qung Hau Sau
(HM) *SESQUITERPENES
(PA) ANTIMALARIALS
(NO) sesquiterpene lactone from Chinese medicinal herb Artemisia annua; structure given in first source

arteparon
(RN) 63449-40-1
(RR) 9050-01-5 (former CAS registry number)
(SY) arteparon forte
(HM) *MUCOPOLYSACCHARIDES
(HM) *GLYCOSAMINOGLYCANS
(NO) mucopolysaccharide polysulfuric acid esters used in therapy of osteoarthritis

arteparon forte see arteparon

artesunate
(RN) 83507-69-1
(RR) 80155-81-3 (Na salt)
(RR) 82864-68-4 (Na salt(3R-(3alpha,5abeta,6beta,8abeta,9alpha,10alpha,12alpha,12a = R*))-isomer)
(SY) sodium artesunate
(SY) quinghaosu reduced succinate ester
(HM) *SESQUITERPENES
(PA) ANTIMALARIALS
(NO) RN given refers to cpd without isomeric designation

arthrin
(HM) *MICROFILAMENT PROTEINS
(HM) *MUSCLE PROTEINS
(NO) MW 55,000; isolated from the thin filaments of the insect fibrillar flight muscle; similar to actin

8-ARTP see 8-amino-3-D-ribofuranosyl-1,2,4-triazolo(4,3-a) pyrazine

artroglobina
(HM) *GAMMA GLOBULINS
(NO) specific gamma globulin from serum of horses primed with injections of cartilage & parathyroid; for treatment of arthroses & decalcifying osteopathies

arugomycin
(RN) 88465-80-9
(HM) NAPHTHACENES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) from organism 1098-AV(2); structure given in first source

Arumalon see Rumalon

aryl acylamidase
(RN) EC 3.5.1.13
(RR) 9025-18-7 (CRN)
(SY) aryl-acylamide amidohydrolase
(SY) phenacetin N-deacetylase
(HM) *AMIDOHYDROLASES

aryl-acylamide amidohydrolase see aryl acylamidase

arylamide N-hydroxylase
(RN) EC 1.14.13.-
(SY) 2-acetylaminofluorene N-hydroxylase
(HM) *HYDROXYLASES

arylamine N-methyltransferase see tryptamine N-methyltransferase

arylamine sulfotransferase
(RN) EC 2.8.2.3
(HM) *SULFURTRANSFERASES
(NO) catalyzes reversibly the reaction of 3'-phosphoadenylylsulfate & an arylamine to yield adenosine 3',5'-bisphosphate & an arylsulfamate

arylamine synthetase
(HM) *MULTIENZYME COMPLEXES
(NO) chorismic acid to p-aminophenylalanine

arylazido aminopropionyl adenosine triphosphate see 3'-O-(3-(N-(4-azido-2-nitrophenyl)amino)propionyl) adenosine-5'-triphosphate

3'-arylazido-8-azido ATP see 3'-O-(3-(N-(4-azido-2-nitrophenyl)amino)propionyl)-8-azidoadenosine 5'-triphosphate

arylazido-beta-alanine NAD see arylazido-beta-alanyl-NAD

arylazido-beta-alanyl-ATP see 3'-O-(3-(N-(4-azido-2-nitrophenyl)amino)propionyl) adenosine-5'-triphosphate

arylazido-beta-alanyl-NAD
(SY) arylazido-beta-alanine NAD
(HM) NAD/*analogs
(HM) *AZIDES
(II) AFFINITY LABELS

arylazido-beta-alanyl-NADP
(RN) 73617-93-3
(SY) N3'-O-(3-(N-azido-2-nitrophenyl)amino)propionyl) NADP
(HM) NADP/*analogs
(HM) *AZIDES
(II) AFFINITY LABELS

arylesterase
(RN) EC 3.1.1.2
(RR) 9032-73-9 (CRN)
(SY) paraoxon hydrolyzing enzyme
(SY) paraoxonase
(SY) paroxonase
(HM) *CARBOXYLIC ESTER HYDROLASES
(NO) substrate PHENOLS may be replaced by specific phenol or PARAOXON as appropriate

aryl hydrocarbon receptor
(SY) receptor, aryl hydrocarbon
(SY) aryl hydrocarbon receptors
(SY) AH receptors
(SY) polyaromatic hydrocarbon receptors
(HM) *RECEPTORS, DRUG
(II) HYDROCARBONS

aryl hydrocarbon receptors see aryl hydrocarbon receptor

arylhydroxamic acid acyltransferase
(RN) EC 2.3.1.-
(SY) N,O-arylhydroxamic acid acyltransferase
(SY) AHXA acyltransferase
(HM) *ACYLTRANSFERASES

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N,O-arylhydroxamic acid acyltransferase see arylhydroxamic acid acyltransferase

arylhydroxylamine esterifying enzyme
(RN) EC 2.3.1.-
(SY) AHAEE
(HM) *ACYLTRANSFERASES
(NO) converts hydroxylamines formed from mutagenic nitro cpds to hydroxamic esters

arylsulfatase C
(RN) EC 3.1.6.-
(SY) arylsulphatase C
(HM) *ARYLSULFATASES
(NO) arylsulfatases A & B hydrolyze nitrocatechol sulfate, but p-nitrophenyl sulfate is hydrolyzed only slightly by both enzymes; arylsulfatase C hydrolyzes both p-nitrophenyl sulfate & nitrocatechol sulfate, low substrate specificity located chiefly in microsomes; A & B are found in lysosomes; arylsulfatase A is CEREBROSIDE SULFATASE & arylsulfatase B is CHONDRO-4-SULFATASE

aryl sulfotransferase
(RN) EC 2.8.2.1
(RR) 9026-09-9 (CRN)
(SY) phenol sulfotransferase
(SY) phenol sulfokinase
(SY) aryl sulfotransferase IV
(SY) catecholamine sulfotransferase A
(SY) catecholamine sulfotransferase B
(SY) phenol sulfotransferase M
(SY) phenol sulfotransferase P
(SY) dopamine sulfotransferse
(HM) *SULFURTRANSFERASES
(NO) exists in 2 forms in man, phenolsulfotransferase P and M, with different substrates and inhibitor specificities

aryl sulfotransferase IV see aryl sulfotransferase

arylsulphatase C see arylsulfatase C

AR-1 see Amberlite XAD-2 resin

AR 336 see enviroxime

AR-336 see enviroxime

ASA-BMPA see N-(4-azidosalicylamide)-1,2-bis(mannos-4'-yloxy) propyl-2-amine

(1S,6S,8aS)-1-acetoxy-6-aminooctahydroindolizine see slaframine

ASADOG see 3-((N-acetylseryl)amino)-3,6-dideoxyglucose

asafoetida
(RN) 9000-04-8
(HM) *RESINS
(NO) from rhizomes of Ferula asafetida & other Ferula species; used in losenges for anti-smoking; oleo-gum resin cpd containing a molecule of 7-hydroxycoumarin

ASA-G see broncaspin

AS-AGal-thyroglobulin see asialoagalactothyroglobulin

ASA-hpGRF(40) see somatotropin releasing hormone(1-40)-OH, Ala(34)-Ser (38)-Arg(40)-

Asalei see leucine sarcolysine

Asaley see leucine sarcolysine

trans-asarone see asarone

asarone
(RN) 494-40-6
(RR) 5273-86-9 ((Z)-isomer)
(RR) 2883-98-9 ((E)-isomer)
(SY) beta-asarone
(SY) trans-asarone
(SY) isoasarone
(HM) *ANISOLES
(PA) CARCINOGENS
(II) FLAVORING AGENTS
(II) PLANTS, MEDICINAL
(NO) RN given refers to unspecified stereoisomer; structure in Merck Index, 9th ed, #847

asarum oil
(RN) 8016-69-1
(HM) *PLANT EXTRACTS
(PA) ANTI-INFLAMMATORY AGENTS
(II) PLANTS, MEDICINAL
(NO) isolated from Asarum heterotropoides

(1S,3aS,5aS,6S(Z),9aR,10R)dodecahydro-6-(2-penten-4-yl)pyrrolo(1,2-a)quinoline-1-ethanol see gephyrotoxin

ascamycin
(HM) ADENOSINE/analogs
(PA) ANTIBIOTICS
(NO) from a Streptomyces species; structure given in first source

ascaridole
(RN) 512-85-6
(HM) *TERPENES
(PA) ANTHELMINTICS
(NO) monoterpene endoperoxide with anthelmintic properties; structure given in first source

ASCB-Lys-Ala-Val see N(alpha)-(1-adamantanesulfonyl)-N(epsilon)-(4-carboxybenzoyl)lysyl-alanyl-valinal

(5S,6aS)-5-chloro-4,5,6,6a-tetrahydro-6a-hydroxy-3-imino-3H-3a-azapentalene see clazamycin B

ascladiol
(RN) 32013-85-7
(HM) *FURANS
(II) MYCOTOXINS
(NO) direct precursor of patulin biosynthesis in Penicillium urticae

asclepain
(RN) EC 3.4.22.7
(HM) *PEPTIDE PEPTIDOHYDROLASES

ascofuranone
(RN) 38462-04-3
(HM) *SESQUITERPENES
(PA) ANTIBIOTICS
(PA) ANTILIPEMIC AGENTS
(NO) structure

ascorbate-cytochrome b5 reductase
(RN) EC 1.10.2.1
(SY) ascorbate: ferricytochrome b5 oxidoreductase
(HM) *OXIDOREDUCTASES

ascorbate: ferricytochrome b5 oxidoreductase see ascorbate-cytochrome b5 reductase

ascorbate peroxidase
(RN) EC 1.11.1.-
(SY) ascorbic acid peroxidase
(SY) L-ascorbic acid peroxidase
(HM) *PEROXIDASES

ascorbate-2-phosphate
(RN) 23313-12-4
(RR) 23666-04-8 (Mg salt)
(SY) ascorbyl-2-phosphate
(HM) ASCORBIC ACID/*analogs
(NO) inhibitor of ascorbate-2-sulfate sulfohydrolase from bovine liver; RN given refers to parent cpd

ascorbate-3-phosphate
(RN) 21090-54-0
(RR) 29838-78-6 (Mg salt[1:1])
(RR) 27019-27-8 (unspecified Mg salt)
(SY) ascorbyl-3-phosphate
(HM) ASCORBIC ACID/*analogs
(NO) RN given refers to parent cpd

L-ascorbate-2-sulfate sulfohydrolase
(RN) EC 3.1.6.-
(HM) *ARYLSULFATASES
(NO) analyzed in Arylsulfatase A

ascorbate 2-sulfate see ascorbic acid 2-sulfate

ascorbate-tetramethyl-p-phenylenediamine oxidase see tetramethylphenylenediamine oxidase

L-ascorbic acid peroxidase see ascorbate peroxidase

ascorbic acid peroxidase see ascorbate peroxidase

ascorbic acid 2-sulfate
(RN) 37627-95-5
(RR) 66651-98-7 (unpsecified Na salt)
(RR) 65907-80-4 (mono-Na salt)
(RR) 57579-82-5 (K salt)
(RR) 53910-28-4 (di-Na salt)
(RR) 53910-27-3 (Ba salt[1:1])
(RR) 52174-99-9 (di-K salt)
(RR) 51006-18-9 (unspecified Ba salt)
(SY) ascorbate 2-sulfate
(HM) ASCORBIC ACID/*analogs
(PA) ANTICHOLESTEREMIC AGENTS
(NO) RN given refers to parent cpd

ascorbyl palmitate
(RN) 137-66-6
(HM) ASCORBIC ACID/*analogs
(NO) structure in Negwer, 5th ed, #5041

ascorbyl-2-phosphate see ascorbate-2-phosphate

ascorbyl-3-phosphate see ascorbate-3-phosphate

ascorutin
(RN) 8067-12-7
(SY) rutascorbin
(HM) *ASCORBIC ACID
(HM) *RUTIN
(HM) DRUG COMBINATIONS
(NO) combination of above cpds; used in treatment of diabetic retinopathy

ascriptin
(RN) 59215-60-0
(HM) *ASPIRIN
(HM) *ALUMINUM HYDROXIDE
(HM) *MAGNESIUM HYDROXIDE
(HM) DRUG COMBINATIONS
(NO) aspirin mixed with aluminum & magnesium hydroxides

asebotoxin III
(RN) 28894-73-7
(RR) 23984-17-0 (asebotoxin I)
(SY) acebotoxin III
(HM) *TERPENES
(II) TOXINS
(NO) isolated from Pieris japonica; RN given refers to above cpd

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aserbine
(HM) *MALATES
(HM) *BENZOATES
(HM) *SALICYLIC ACIDS
(HM) DRUG COMBINATIONS
(PA) ANTI-INFECTIVE AGENTS, LOCAL
(NO) proteolytic agent consisting of combination of malic, benzoic, and salicylic acids

ASF see acrosome stabilizing factor

ASGPH see alpha subunit, pituitary hormones

AsH3 see arsine

asialoagalactothyroglobulin
(SY) AS-AGal-thyroglobulin
(HM) THYROGLOBULIN/*analogs
(II) AUTOANTIGENS
(NO) binds to surface of human thyroid cells

asialo-alpha 1-acid glycoprotein see asialoorosomucoid

asialocaeruloplasmin see asialoceruloplasmin

asialoceruloplasmin
(SY) asialocaeruloplasmin
(HM) CERULOPLASMIN/*analogs
(NO) ceruloplasmin with terminal sialic acid residue enzymatically removed; structure

asialofetuin
(SY) asialo-fetuin
(HM) *ALPHA FETOPROTEINS

asialo-fetuin see asialofetuin

asialofetuin-Ep 459 see Ep 459-asialofetuin conjugate

asialogalactoorosomucoid
(SY) AGOR
(HM) OROSOMUCOID/*analogs

asialoganglioside G(A1) see G(A1) ganglioside

asialoglycophorin
(HM) *ASIALOGLYCOPROTEINS
(NO) glycophorin is a sialoglycoprotein

asialoglycoprotein-binding protein
(SY) asialoglycoprotein binding protein
(HM) *CARRIER PROTEINS
(II) ASIALOGLYCOPROTEINS

asialoglycoprotein binding protein see asialoglycoprotein-binding protein

asialoglycoprotein receptor
(SY) asialoorosomucoid receptor
(SY) asialoorosomucoid receptors
(SY) receptor, asialoorosomucoid
(SY) asialoglycoprotein receptors
(SY) receptor, asialoglycoprotein
(SY) hepatic lectin
(SY) asialoorosomucoid-binding protein
(SY) liver carbohydrate-binding protein
(HM) *RECEPTORS, IMMUNOLOGIC
(II) OROSOMUCOID/analogs

asialoglycoprotein receptors see asialoglycoprotein receptor

asialo GM1 ganglioside
(RN) 71012-19-6
(SY) ganglio-N-tetraosylceramide
(SY) ganglioside, asialo GM1
(HM) *GLYCOSPHINGOLIPIDS

asialo GM2 see ganglio-N-triaosylceramide

asialohaptoglobin
(HM) *HAPTOGLOBINS

asialo-HCG
(SY) desialo HCG
(HM) *GONADOTROPINS, CHORIONIC

asialo-mucin
(SY) asialomucin
(HM) *MUCINS

asialomucin see asialo-mucin

asialoorosomucoid
(SY) asialo-orosomucoid
(SY) asialo-alpha 1-acid glycoprotein
(HM) OROSOMUCOID/*analogs

asialo-orosomucoid see asialoorosomucoid

asialoorosomucoid-binding protein see asialoglycoprotein receptor

asialoorosomucoid receptor see asialoglycoprotein receptor

asialoorosomucoid receptors see asialoglycoprotein receptor

asialoovomucoid
(SY) asialo-ovomucoid
(HM) *OVOMUCIN/analogs

asialo-ovomucoid see asialoovomucoid

asialothyroglobulin
(HM) THYROGLOBULIN/*analogs

asialotranscortin
(HM) TRANSCORTIN/*analogs

asialotransferrins
(SY) asialotransferrin Type 3
(HM) TRANSFERRIN/*analogs

asialotransferrin Type 3 see asialotransferrins

asialo-von Willebrand Factor
(SY) AS-VWF
(HM) VON WILLEBRAND FACTOR/*analogs

asiaticoside
(RN) 16830-15-2
(SY) madecassol
(HM) *TRITERPENES
(PA) ANTI-INFECTIVE AGENTS

asilone
(RN) 68248-27-1
(SY) asilone gel
(SY) paractol
(SY) vindol
(HM) *SIMETHICONE
(HM) *ALUMINUM HYDROXIDE
(HM) *MAGNESIUM OXIDE
(HM) DRUG COMBINATIONS
(PA) ANTACIDS
(NO) antacid combination of dimethicone, aluminum hydroxide gel & light magnesium oxide; asilone in Chemline not specified as containing MgO

asilone gel see asilone

ASI 222 see ASI-222

ASI-222
(RN) 59006-00-7
(RR) 65411-64-5 (HCl)
(RR) 63938-94-3 (dihydrate)
(SY) 3 beta-O-(4-amino-4,6-dideoxy-beta-D-galactopyranosyl)digitoxigenin
(SY) ASI 222
(HM) DIGITOXIGENIN/*analogs
(II) CARDIAC GLYCOSIDES
(II) DIGITALIS GLYCOSIDES
(NO) semisynthetic cardiac glycoside; RN given refers to (3beta,5beta)-isomer; structure

ASI-254 see ASI 254

ASI 254
(RN) 65955-49-9
(SY) 3 beta-O-(4amino-4,6-dideoxy-beta-D-glucopyranosyl)digitoxigenin
(SY) ASI-254
(HM) DIGITOXIGENIN/*analogs
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS

askarel see aroclor 1260

ASL 7022
(RN) 75305-17-8
(RR) 77741-98-1 (HBr)
(SY) ASL-7022
(SY) 2-(2-(3,4-dihydroxyphenyl)-1-methylethyl)amino-6,7-dihydroxy-1,2,3,4-tetrahydronaphthalene
(HM) *CATECHOLAMINES
(PA) ADRENERGIC ALPHA RECEPTOR AGONISTS
(PA) CARDIOTONIC AGENTS
(NO) RN given refers to parent cpd; structure given in first source

ASL-7022 see ASL 7022

ASL 8052
(RN) 81161-17-3
(SY) ASL-8052
(SY) esmolol
(HM) *PROPANOLAMINES
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS

ASL-8052 see ASL 8052

asmoganglina
(HM) *EPHEDRINE
(HM) *TISSUE EXTRACTS
(HM) DRUG COMBINATIONS
(NO) combination of ephedrin, medullary suprarenal gland extract & posterior hypophysis extract; implicated in gas gangrene cause after intramuscular injection

ASMP see 5'-deoxy-5'-thioadenosine 5'-monophosphate

Asn-Ala-Gly-Ala see asparaginyl-alanyl-glycyl-alanine

Asn-Ala-Gly-Ala-Asn see asparaginyl-alanyl-glycyl-alanyl-asparagine

Asn-Ala-Gly-Ala-NH2 see asparaginyl-alanyl-glycyl-alaninamide

Asn (B10)insulin see insulin, Asn(B10)-

Asn-tRNA see tRNA, asparagine-

1-Asn-5-Val-9-Gly-angiotensin I see angiotensin I, 1-Asn-5-Val-9-Gly-

1-Asn-5-Val-9-His-angiotensin I see angiotensin I, 1-Asn-5-Val-9-His-

asocainol
(RN) 77400-65-8
(SY) Goe-3764
(SY) Goe 3764
(SY) Goe-4704A
(SY) Goe 4704A
(SY) Goe 4474
(SY) Goe-4474
(SY) (+-)-6,7,8,9-tetrahydro-2,12-dimethoxy-7-methyl-6-phenethyl-5H-dibenz(d,f)azonine-1-ol
(HM) *AZOCINES
(PA) ANTI-ARRHYTHMIA AGENTS
(NO) RN given from USAN; RN not in Chemline 10/84; structure given in first source

6-ASOC see 6 alpha-senecioyloxychaparrin

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ASOHO see
N(5)-(((aminosulfonyl)oxy)hydroxyphosphinyl)ornithine

asolectin
(RN) 69279-91-0
(SY) azolectin
(SY) soybean lecithin fraction IV-S
(HM) *PHOSPHOLIPIDS
(NO) highly purified phospholipid product containing lecithin, cephalin, inositol phosphatides & soybean oil; used to reconstitute acetylcholine receptor into liposomes

Asp-Amp see beta-D-aspartylaminomethylphosphonic acid

asparagine aminotransferase see serine-glyoxylate aminotransferase

asparagine-N-glycosyltransferase
(RN) EC 2.4.1.-
(SY) N-glycosyltransferase
(HM) *HEXOSYLTRANSFERASES
(NO) HEXOSYLTRANSFERASES may be replaced by specific transferase as appr.; involved in glycoprotein biosynthesis

asparagine (B10)insulin see insulin, Asn(B10)-

10-asparagine-B-insulin see insulin, Asn(B10)-

asparagine-tRNA see tRNA, asparagine-

asparaginyl-alanyl-glycyl-alaninamide
(RN) 84619-63-6
(SY) Asn-Ala-Gly-Ala-NH2
(SY) asparaginyl-D-alanyl-glycyl-alaninamide
(HM) *OLIGOPEPTIDES
(PA) ANALGESICS
(NO) synthetic tetrapeptide; has analgesic activity

asparaginyl-D-alanyl-glycyl-alaninamide see asparaginyl-alanyl-glycyl-alaninamide

asparaginyl-alanyl-glycyl-alanine
(RN) 84268-42-8
(SY) Asn-Ala-Gly-Ala
(HM) *OLIGOPEPTIDES
(PA) ANALGESICS
(NO) found in human brain; RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 6/83

asparaginyl-alanyl-glycyl-alanyl-asparagine
(RN) 84619-64-7
(SY) Asn-Ala-Gly-Ala-Asn
(HM) *OLIGOPEPTIDES
(PA) ANALGESICS
(NO) synthetic pentapeptide; has analgesic acitivity

asparaginylglucosamine see N-acetylglucosaminylasparagine

asparaginyl tRNA see tRNA, asparagine-

asparaginyl-tRNA see tRNA, asparagine-

L-asparaginyl tRNA synthetase
(RN) EC 6.1.1.22
(RR) 37211-76-0 (CRN)
(HM) *AMINO ACYL T RNA SYNTHETASES

1-asparaginyl-5-valyl-9-glycine angiotensin I see angiotensin I, 1-Asn-5-Val-9-Gly-

1-asparaginyl-5-valyl-9-histidine angiotensin I see angiotensin I, 1-Asn-5-Val-9-His-

asparagusate dehydrogenase see asparagusate reductase (NADH)

asparagusate reductase (NADH)
(RN) EC 1.6.4.7
(SY) asparagusate dehydrogenase
(HM) *NADH, NADPH OXIDOREDUCTASES

asparagusic acid
(RN) 2224-02-4
(HM) *THIOPHENES
(NO) structure

asparenomycin
(RN) 76466-24-5
(SY) asparenomycin A
(SY) asparenomycin B
(SY) asparenomycin C
(SY) 1-Azabicyclo(3.2.0)hept-2-ene-2-carboxylic acid, 3-((2-(acetylamino)ethenyl)sulfinyl)-6-(2-hydroxy-1-methylethylidene)-7-oxo-
(HM) *THIENAMYCINS
(NO) from Streptomyces tokunonensis sp. nov.; structure given in first source

asparenomycin A see asparenomycin

asparenomycin B see asparenomycin

asparenomycin C see asparenomycin

aspartate-alpha-decarboxylase
(RN) 9024-58-2
(SY) aspartate 1-decarboxylase
(HM) *GLUTAMATE DECARBOXYLASE
(NO) forms beta-alanine

aspartate aminopeptidase
(RN) EC 3.4.11.7
(RR) 9074-83-3 (CRN)
(SY) aminopeptidase A
(SY) angiotensinase A
(HM) *AMINOPEPTIDASES

aspartate beta-decarboxylase see aspartate 4-decarboxylase

aspartate 1-decarboxylase see aspartate-alpha-decarboxylase

aspartate 4-decarboxylase
(RN) EC 4.1.1.12
(RR) 9024-57-1 (CRN)
(SY) aspartate beta-decarboxylase
(SY) aminomalonate decarboxylase
(HM) *CARBOXY-LYASES

D-aspartate oxidase
(RN) EC 1.4.3.1
(HM) *AMINO ACID OXIDOREDUCTASES

L-aspartate oxidase
(RN) EC 1.4.3.-
(SY) B-protein
(HM) *AMINO ACID OXIDOREDUCTASES
(NO) E coli enzyme; forms unstable product, iminoaspartate

aspartate receptor see aspartic acid receptor

aspartate receptors see aspartic acid receptor

aspartate semialdehyde see aspartic semialdehyde

aspartic acid beta-naphthylamide
(SY) Asp-NA
(HM) ASPARTIC ACID/*analogs

L-aspartic acid hydrazide see beta-L-aspartyl-hydrazine

aspartic acid 4-methyl ester
(RN) 2177-62-0
(HM) ASPARTIC ACID/*analogs
(NO) RN given refers to L-isomer; RN for cpd without isomeric designation not in Chemline 12/84

aspartic acid receptor
(SY) aspartate receptor
(SY) receptor, aspartic acid
(SY) receptor, aspartate
(SY) aspartic acid receptors
(SY) aspartate receptors
(HM) *SYNAPTIC RECEPTORS
(II) ASPARTIC ACID

aspartic acid receptors see aspartic acid receptor

aspartic acid-tRNA see tRNA, aspartic acid-

aspartic proteinases see carboxyl (acid) proteinases

aspartic semialdehyde
(RN) 498-20-4
(RR) 2338-03-6 ((S)-isomer)
(RR) 23632-91-9 ((R)-isomer)
(RR) 15106-57-7 ((+-)-isomer)
(SY) aspartate semialdehyde
(HM) ASPARTIC ACID/*analogs
(NO) RN given refers to cpd without isomeric designation

aspartmycin see amphomycin

aspartoacylase
(RN) EC 3.5.1.15
(RR) 9031-86-1 (CRN)
(SY) aminoacylase II
(SY) N-acyl-L-aspartate amidohydrolase
(HM) *AMIDOHYDROLASES

aspartoyl(3)-secretin
(RN) 73829-72-8
(HM) SECRETIN/*analogs
(NO) porcine secretin has aspartyl(3)

aspartylglucosamine see N-acetylglucosaminylasparagine

aspartylglucosylamine see N-acetylglucosaminylasparagine

aspartylglutamate
(RN) 6157-06-8
(SY) Asp-Glu
(HM) *DIPEPTIDES
(NO) RN given refers to all (L)-isomer; RN for cpd without isomeric designation not in Chemline 8/83

aspartylglycine
(RN) 3790-51-0
(SY) H-Asp(Gly)-OH
(SY) Asp-Gly
(HM) *DIPEPTIDES

aspartylglycosamine see N-acetylglucosaminylasparagine

aspartyllysine
(RN) 5853-83-8
(SY) Asp-Lys
(SY) beta-aspartyl-epsilon-lysine
(SY) N-epsilon-(beta-aspartyl)lysine
(HM) *DIPEPTIDES
(NO) from feces of axenic mice

aspartyl peptidase E
(RN) EC 3.4.13.-
(SY) peptidase E, aspartate-specific
(HM) *DIPEPTIDASES
(NO) from Salmonella; hydrolyzes Asp-X peptides; inactive toward peptides with N-terminal asparagine or glutamic acid; see also entry for peptidase E

aspartyl-phenylalanine
(RN) 13433-09-5
(SY) Asp-Phe
(SY) N-L-alpha-aspartyl-L-phenylalanine
(HM) *DIPEPTIDES
(NO) metabolite of aspartame; may inhibit angiotensin converting enzyme; RN given refers to all (L)-isomer; RN for cpd without isomeric designation not in Chemline 6/85

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aspartyl phosphate see beta-aspartyl phosphate

aspartyl proteinases see carboxyl (acid) proteinases

aspartyl-seryl-aspartyl-prolyl-arginine see IgE pentapeptide

aspartyl tRNA see tRNA, aspartic acid-

aspartyl-tRNA see tRNA, aspartic acid-

1-aspartyl-5-valine angiotensin II see angiotensin II, 1-Asp-5-Val-

aspartyl(1)-valyl(5)-angiotensin II see angiotensin II, 1-Asp-5-Val-

AspCNU see N-chloroethylnitrosourea asparaginamide

Aspegic see Solusprin

asperase
(RN) EC 3.4.-
(HM) *PEPTIDE HYDROLASES
(NO) enzymatic substance with proteolytic action

asperentin see cladosporin

aspergillopeptidase B see aspergillus alkaline proteinase

aspergillus alkaline proteinase
(RN) EC 3.4.21.-
(SY) prozime 10
(SY) aspergillopeptidase B
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) catalyzes hydrolysis of proteins; does not split peptide amides; included in the group of microbial serine proteinases EC 3.4.21.14; formerly EC 3.4.21.15

Aspergillus nuclease S1 see endonuclease S1 (Aspergillus)

Aspergillus oryzae carboxyl proteinase
(RN) EC 3.4.23.-
(SY) takadiastase
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) included in the group of microbial carboxyl proteinases EC 3.4.23.6

Asp-Glu see aspartylglutamate

Asp-Gly see aspartylglycine

asphalt
(RN) 8052-42-4
(SY) bitumen
(HM) *HYDROCARBONS

aspiculamycin see gougerotin

ASP-IPAP see N-3'a-propylphenazonyl-2-acetoxybenzamide

aspirinase see acetylsalicylic acid hydrolase

aspirin esterase see acetylsalicylic acid hydrolase

aspirin hydrolase see acetylsalicylic acid hydrolase

aspirin-isopropylantipyrine see N-3'a-propylphenazonyl-2-acetoxybenzamide

aspirin lysinate see Solusprin

Aspisol see Solusprin

asp56-LDH(K)
(HM) *ANTIGENS, VIRAL, TUMOR
(HM) *RETROVIRIDAE PROTEINS
(II) KIRSTEN SARCOMA VIRUS
(II) HARVEY SARCOMA VIRUS
(II) LACTATE DEHYDROGENASE
(NO) 56,000-dalton peptide; antigen in diverse cell lines transformed by the Kirsten sarcoma & Harvey sarcoma viruses; has LDH activity

Asp-Lys see aspartyllysine

Asp-Met-His-Asp-Phe-Phe-Val-Gly-Leu-Met-NH2 see neuromedin K

Asp-NA see aspartic acid beta-naphthylamide

aspoxicillin see T. . 058

Asp-Phe see aspartyl-phenylalanine

Asp-Pro-Pro-Asp-Pro-Asp-Arg-Phe-Tyr-Gly-Met-Met-NH2 see hylambatin

ASP protein see adrenal-seminal-pituitary protein

Asp-Ser-Asp-Pro-Arg see IgE pentapeptide

Asp-tRNA see tRNA, aspartic acid-

1-Asp-5-Val-angiotensin II see angiotensin II, 1-Asp-5-Val-

AS-SAM see amyloid fibril protein AS-SAM

Asta CD 072 see Cormelian-Digotab

astato-2-methyl-1,4-naphthoquinol bis(disodium phosphate) see astato-2-methyl-1,4-naphthoquinol diphosphate

astato-2-methyl-1,4-naphthoquinol diphosphate
(RN) 81781-58-0
(RR) 84270-06-4 (tetra-Li salt)
(RR) 81705-05-7 (tetra-Na salt)
(SY) At-MNQDP
(SY) astato-2-methyl-1,4-naphthoquinol bis(disodium phosphate)
(HM) VITAMIN K/*analogs
(HM) *ASTATINE
(PA) ANTINEOPLASTIC AGENTS
(NO) RN given refers to parent cpd; structure given in first source

astaxanthin see astaxanthine

astaxanthine
(RN) 472-61-7
(SY) astaxanthin
(HM) *CAROTENOIDS
(NO) pigment in flesh of Scottish salmon (Salmo salar) crustacea-lobster (Homarus gammarus, flamingo feathers; structure

Asta Z 7557
(RN) 88746-71-8
(RR) 84210-80-0 (duplicate RN)
(SY) Asta-Z-7557
(SY) mafosfamid
(HM) CYCLOPHOSPHAMIDE/*analogs
(NO) metabolite of cyclophosphamide; no other info available 5/18/83

Asta-Z-7557 see Asta Z 7557

Asta 5122 see sufosfamide

astemizole
(RN) 68844-77-9
(SY) R 43 512
(SY) 1-(4-fluorophenylmethyl) N-1-(2-(4-methoxyphenyl)ethyl)-4-piperidiyl-1H-benzimidazole-2-amine
(SY) R-43-512
(HM) *BENZIMIDAZOLES
(PA) HISTAMINE H1 RECEPTOR BLOCKADERS
(NO) structure given in first source

asterogenol
(RN) 75921-90-3
(HM) *PREGNENES
(NO) from saponins of starfish Asteriasis vulgaris; RN given from CA Index Guide 1985 for (3beta,5alpha,6alpha,20R)-isomer; RN not in Chemline 9/85; structure given in first source

asteromycin see gougerotin

asterone
(RN) 37717-02-5
(HM) *PREGNENES
(II) SAPONINS
(NO) saponin aglycone present in common East Coast starfish

asterriquinone
(RN) 60696-52-8
(SY) NSC 289487
(SY) NSC-289487
(HM) INDOLES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) from Aspergillus; structure given in first source

asthmolysine
(RN) 52756-53-3
(SY) astmophysine
(HM) *EPHEDRINE
(HM) AMINOPHYLLINE/*analogs
(HM) DRUG COMBINATIONS
(NO) combination of ephedrine & proxyphylline for asthma therapy

Asthmopent
(HM) *BRONCHODILATOR AGENTS
(NO) bronchospasmolytic preparation; inhalations of asthmopent produce favorable effects on the bronchial patency, reduction of systolic pressure & positive changes of pulmonary hemodynamics; no other info available 10/7/80

astiban see stibocaptate

astmophysine see asthmolysine

astomin see dimemorfan

Astra see pamatolol

Astra Blue
(RN) 12634-01-4
(HM) *INDOLES
(II) DYES
(NO) copper phthalocyanin dye used to stain differentially mast cells of intestine

astrazone pink FG
(RN) 3648-36-0
(HM) *INDOLES
(II) DYES
(NO) RN given refers to chloride; RN for parent cpd not in Chemline 11/84

astrin
(RN) 83097-09-0
(HM) *ALCIAN BLUE
(HM) *PHENAZINES
(HM) *PHENOTHIAZINES
(HM) *RESORCINOLS
(II) DYES
(II) STAINS AND STAINING
(NO) trichrome stain which contains alcian blue, safranine, thionine & resorcin

astrocytoma-derived glial proliferation factor see glial maturation factor

astroglial growth factor see glial maturation factor

astromicin see fortimicin A

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AST 120
(RN) 90597-58-3
(SY) AST-120
(HM) *CARBON
(HM) *OXIDES
(II) MICROSPHERES
(II) ADSORPTION
(NO) spherical carbonaceous adsorbent composed of microcrystalline carbon with oxygen including surface oxides

AST-120 see AST 120

1,6-Asu-8-Arg-vasopressin see vasopressin, 1,6-Asu-8-Arg-

ASU-AVP see vasopressin, 1,6-Asu-8-Arg-

asu-calcitonin see 1,7-(aminosuberyl)calcitonin

asu(1,7)-eel calcitonin see 1,7-(aminosuberyl)calcitonin

asulam
(RN) 3337-71-1
(RR) 14089-43-1 (K salt)
(RR) 81944-48-1 (sulfate[1:1])
(RR) 81944-47-0 (oxalate[1:1])
(RR) 81944-46-9 (monoacetate)
(RR) 81944-45-8 (phosphate[1:1])
(RR) 81944-44-7 (monosulfamate)
(RR) 81944-43-6 (mononitrate)
(RR) 81944-42-5 (mono-HBr)
(RR) 81944-41-4 (mono-HCl)
(RR) 51542-27-9 (unspecified Mg salt)
(RR) 29177-53-5 (unspecified Ca salt)
(RR) 2302-17-2 (mono-Na salt)
(SY) methyl N-(4-aminobenzenesulfonyl)carbamate
(HM) *CARBAMATES
(PA) HERBICIDES, CARBAMATE
(NO) wild oat herbicide used in prairie regions for control of wild oats in cereal grains such as wheat; RN given refers to parent cpd

Asu(1,6)-3-Phe(4-N3)-AVP see vasopressin, Asu(1,6)-3-Phe(4-N3)Arg-

AS-VWF see asialo-von Willebrand Factor

AS 2 see Aligeron

5-AS see 5-aminosalicylic acid

AS 6
(RN) 84435-25-6
(SY) AS-6
(SY) 4-O-carboxymethylascochlorin
(HM) *GLYCOLATES
(PA) HYPOGLYCEMIC AGENTS
(NO) RN given refers to (1R-(1alpha(2E,4E),2beta,6beta))-isomer; RN for cpd without isomeric designation not in Chemline 1/85

AS-6 see AS 6

ATASE see glutamine-synthetase adenylyltransferase

ATB see 4-anisyltetrazolium blue

2-ATBI see 2-(3,4,alpha-trihydroxybenzyl)imidazoline

ATBMP see 1,2-anhydro-3,4,6-tri-O-benzyl-beta-mannopyranose

ATCA see arginine thiazolidinecarboxylate

ATC hydrolase see 2-amino-delta(2)-thiazoline-4-carboxylate hydrolase

ATCPPA-LHRH see LHRH, N-Ac-Trp(1,3)-4-Cl-Phe(2)-Phe(6)-Ala(10)-

ATEE see ethyl N-alpha-acetyl-tyrosinate

ATEE esterase see tyrosine ester hydrolase

a-terminal PTH see amino-terminal parathyroid hormone

a-(p-tert-butylphenyl)-4-(hydroxydiphenylmethyl) -1-piperidinebutanol see terfenadine

2-ATFMB see 2-amino-6-trifluoromethylbenzonorbornene

9-ATFMB see 9-amino-6-trifluoromethylbenzonorbornene

d(ATGG) see deoxyadenylyl-thymidylyl-deoxyguanylyl-deoxyguanosine

d(ATGG)cisPt see deoxyadenylyl-thymidylyl-deoxyguanylyl-deoxyguanosine-cisplatin complex

Atherolip see zlfibrate

ATHQD see 2-amino-1,2,3,4-tetrahydroisoquinoline-1,3-dione

AT III Padua see antithrombin III Padua

AT III Padua(2) see antithrombin III Padua(2)

AT III-protease complex see antithrombin III-protease complex

AT III Toyama see antithrombin III Toyama

AT III Trento see antithrombin III Trento

AT III Vicenza see antithrombin III Vicenza

ATLA antigen see human T-cell leukemia virus-associated antigen

ATLSP see substance P, Arg(1)-Trp(7),(9)-Leu(12)-

4-ATME see 4-(2-aminoethyl)thio-2-methylimidazole-1-ethanol

ATMIQ see 2-amino-3,7,8-trimethylimidazo(4,5-f)quinoxaline

At-MNQDP see astato-2-methyl-1,4-naphthoquinol diphosphate

ATMP see cyclic adenosine-5'-trimetaphosphate

ATNE see acetyltyrosine alpha-naphthyl ester

atossisclerol see polidocanol

atoxysclerol see polidocanol

ATP-actin see ATP-G-actin

ATP-G-actin
(SY) adenosine triphosphate-G-actin
(SY) ATP-actin
(HM) *ACTINS
(HM) ADENOSINE TRIPHOSPHATE/*analogs

ATP-adenylylsulfate 3'-phosphotransferase see adenylylsulfate kinase

ATP adenylyltransferase see diadenosine 5,5'''-P(1),P(4)-tetraphosphate alpha, beta-phosphorylase

ATP-ADP kinase see ATP synthetase

ATP-agarose see ATP-sepharose

ATP alpha-S see adenosine 5'-(1-thio)triphosphate

ATPase, bicarbonate see bicarbonate ATPase

ATPase-binding protein (26,500)
(SY) ATPase-BP 26 MW
(HM) *MEMBRANE PROTEINS
(II) CARRIER PROTEINS
(II) ADENOSINE TRIPHOSPHATASE
(NO) subunit of H+-translocating ATPase; similar to but not identical to oligomycin sensitivity-conferring protein; MW 26,500

ATPase-BP 26 MW see ATPase-binding protein (26,500)

ATPase, calcium magnesium see calcium magnesium ATPase

ATPase, calcium potassium see calcium potassium ATPase

ATPase, calcium sodium see sodium calcium ATPase

ATPase, chloride see bicarbonate ATPase

ATPase-dATPase
(RN) EC 3.6.1.-
(HM) *ADENOSINE TRIPHOSPHATASE

ATPase, DNA-dependent see DNA-dependent ATPase

ATPase, ecto see ectoATPase

ATPase, EDTA see EDTA-ATPase

ATPase, F0F1 see F(1)F(0) ATPase

ATPase, F(1)F(0) see F(1)F(0) ATPase

ATPase, F(6) see F(6) ATPase

ATPase inhibitor protein F(1)I see ATPase inhibitory protein

ATPase inhibitory peptide see ATPase inhibitory protein

ATPase inhibitory protein
(SY) natural ATPase inhibitor IF(1)
(SY) ATPase inhibitor protein F(1)I
(SY) F(1) ATPase inhibitor protein
(SY) adenosinetriphosphatase inhibitory peptide
(SY) ATPASE F1 inhibitory subunit
(SY) inhibitory (epsilon) subunit of ATPase F1
(SY) ATPase inhibitory peptide
(SY) Ca-Mg ATPase inhibitor
(SY) Na-K ATPase inhibitor
(HM) *PROTEINS
(PA) ADENOSINE TRIPHOSPHATASE F1/antag
(II) PLANT PROTEINS
(II) BACTERIAL PROTEINS
(II) ADENOSINE TRIPHOSPHATASE, CALCIUM/antag
(NO) from beef heart mitochondria; Ca-Mg ATPase inhibitor found in mammalian erythrocyte membrane; subunit of ATPase of chloroplast & mitochondria & E coli which inhibits ATPase activity

ATPASE F1 inhibitory subunit see ATPase inhibitory protein

ATPase, magnesium-bicarbonate see magnesium-bicarbonate ATPase

ATPase, magnesium calcium see calcium magnesium ATPase

ATPase, magnesium sodium see magnesium sodium ATPase

ATPase, manganese see manganese ATPase

ATPase, Mg Na K see magnesium sodium potassium ATPase

ATPase, Na K Mg see magnesium sodium potassium ATPase

ATPase, potassium calcium see calcium potassium ATPase

ATPase, potassium hydrogen see potassium hydrogen ATPase

ATPase, rho- see rho-ATPase

ATPase, RNA-dependent see RNA-dependent ATPase

ATPase, sodium see sodium ATPase

ATPase, sodium calcium see sodium calcium ATPase

ATPase, sodium magnesium see magnesium sodium ATPase

ATP beta-S see adenosine 5'-O-(2-thiotriphosphate)

ATP beta S see adenosine 5'-O-(2-thiotriphosphate)

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ATP-4-(N-2-chloroethyl-N-methylamino)benzylamidate see ATP-gamma-4-(N-2-chloroethyl-N-methylamino) benzylamidate

ATP-citrate lyase kinase
(RN) EC 2.7.1.-
(HM) *PROTEIN KINASES

ATP-CMB see ATP-gamma-4-(N-2-chloroethyl-N-methylamino) benzylamidate

ATP(CTP)-tRNA nucleotidyltransferase see tRNA nucleotidyltransferase

ATP dependent DNASE see exodeoxyribonuclease V

ATP-dependent endoprotease
(RN) EC 3.4.99.-
(SY) lon+ (capR+) protein
(SY) ATP-dependent protease
(SY) adenosine triphosphate-dependent proteolytic system
(SY) endoprotease, ATP-dependent
(SY) ATP-requiring protease
(SY) DNA-stimulated ATPase
(HM) *ENDOPEPTIDASES
(NO) from E coli or erythrocytes; degrades abnormal proteins

ATP-dependent protease see ATP-dependent endoprotease

ATP-Fe(III) complex see ferric-adenosine triphosphate complex

ATP-D-fructose-6-phosphate 2-phosphotransferase see 6-phosphofructo-2-kinase

ATP gamma-p-azidoanilide
(RN) 54687-13-7
(SY) gamma-(p-azidoanilide)-ATP
(SY) ATP-gamma-4-azidoanilide
(HM) ADENOSINE TRIPHOSPHATE/*analogs
(HM) *AZIDES
(II) AFFINITY LABELS
(NO) photoaffinity label

ATP-gamma-4-azidoanilide see ATP gamma-p-azidoanilide

ATP gamma-(N-(2-chloroethyl)-N-methyl) amide
(SY) CMA-ATP
(HM) ADENOSINE TRIPHOSPHATE/*analogs

ATP-gamma-4(N-2-chloroethyl-N-methylamino) benzylamidate see ATP-gamma-4-(N-2-chloroethyl-N-methylamino) benzylamidate

ATP-gamma-4-(N-2-chloroethyl-N-methylamino)benzylamidate
(RN) 57835-10-6
(SY) ATP-gcmab
(SY) ATP-gamma-4(N-2-chloroethyl-N-methylamino) benzylamidate
(SY) ATP-CMB
(SY) ATP-4-(N-2-chloroethyl-N-methylamino) benzylamidate
(HM) ADENOSINE TRIPHOSPHATE/*analogs
(NO) reactive ATP derivative which can act as competitive inhibitor of creatine kinase

ATP gamma-S see adenosine 5'-O-(3-thiotriphosphate)

ATP-gcmab see ATP-gamma-4-(N-2-chloroethyl-N-methylamino) benzylamidate

ATP L-glutamate 5-phosphotransferase see glutamate kinase

ATP glutamine synthetase adenylyltransferase see glutamine-synthetase adenylyltransferase

ATPHPM see anion transport proteins

ATP-D-mannose 6-phosphotransferase see mannokinase

ATP.MgCl2 see magnesium ATP

ATP nucleotide pyrophosphokinase see nucleotide pyrophosphokinase

ATP-PI
(SY) periodate-oxidized ATP
(SY) PI-ATP
(SY) periodate-oxidized adenosine 5'-triphosphate
(HM) ADENOSINE TRIPHOSPHATE/*analogs
(II) AFFINITY LABELS
(NO) periodate-oxidized ATP, dialdehyde deriv, cannot replace ATP as activator of CDP reductase; irreversible inhibitor of ribonucleotide reductase from Ehrlich tumor cells

ATP pyrophosphohydrolase
(RN) EC 3.6.1.8
(RR) 37289-25-1 (CRN)
(HM) *ADENOSINE TRIPHOSPHATASE

ATP receptor
(SY) receptor, ATP
(SY) ATP receptors
(SY) adenosine triphosphate receptor
(SY) adenosine triphosphate receptors
(SY) receptor, adenosine triphosphate
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) ADENOSINE TRIPHOSPHATE

ATP receptors see ATP receptor

ATP-requiring protease see ATP-dependent endoprotease

ATP Sepharose see ATP-sepharose

ATP-sepharose
(SY) ATP-agarose
(SY) ATP Sepharose
(HM) SEPHAROSE/*analogs

ATP synthase complex see ATP synthetase

ATP synthetase
(RN) EC 2.7.4.-
(SY) ATP synthetase complex
(SY) ADP kinase
(SY) ATP-ADP kinase
(SY) ATP synthase complex
(HM) *PHOSPHOTRANSFERASES, ATP
(HM) *MULTIENZYME COMPLEXES
(NO) ATP to Pi & ADP

ATP synthetase complex see ATP synthetase

ATP-TDP phosphoryltransferase see thiaminediphosphate kinase

ATP-thiamine diphosphate phosphotransferase see thiaminediphosphate kinase

ATP urea amido-lyase see urease (ATP-hydrolyzing)

atractan
(SY) atractan A
(SY) atractan B
(SY) atractan C
(SY) atractans
(HM) *POLYSACCHARIDES
(PA) HYPOGLYCEMIC AGENTS
(II) PLANTS, MEDICINAL
(NO) from Atractylodes japonica rhizomes

atractan A see atractan

atractan B see atractan

atractan C see atractan

atractans see atractan

atractylon
(RN) 6989-21-5
(HM) *SESQUITERPENES
(II) PLANTS, MEDICINAL
(NO) from Atractylodes rhizomes; has antihepatotoxic activity; structure given in first source

atracurium
(RN) 64228-81-5
(RR) 64228-81-5 (besylate salt)
(SY) 2,2'-(3,11-dioxo-4,10-dioxatridecylene)-bis-(6,7-dimethoxy-1-(3,4-dimethoxybenzyl)-2-methyl-1,2,3,4-tetrahydroisoquinolinium) dibenzenesulfonate
(SY) 33 A 74
(SY) atracurium besylate
(SY) BW 33A
(SY) atracurium dibesylate
(SY) BW-33A
(HM) *ISOQUINOLINES
(PA) NEUROMUSCULAR BLOCKING AGENTS
(PA) MUSCLE RELAXANTS, CENTRAL
(PA) CURARE-LIKE AGENTS
(NO) RN given refers to parent cpd; structure given in first source

atracurium besylate see atracurium

atracurium dibesylate see atracurium

atranorin
(RN) 479-20-9
(RR) 38311-52-3 (mono-K)
(HM) *HYDROXYBENZOIC ACIDS
(II) ALLERGENS
(NO) RN given refers to parent cpd; structure given in first source

atraxin
(RN) 85713-62-8
(HM) *SPIDER VENOMS
(II) NEUROTOXINS
(NO) protein isolated from venom glands of male and female funnel-web spiders

A 9291 tremerogens
(SY) A-9291-I
(SY) A-9291-II
(SY) tremerogens A 9291
(HM) *FUNGAL PROTEINS
(II) PLANT GROWTH REGULATORS
(NO) peptide sex hormones that induce conjugation tube formation in a-type cells of Tremella brasiliensis

atrial natriuretic factor Arg(101)-Tyr(126) see atrial natriuretic factor (8-33)

atrial natriuretic factor precursors
(SY) ANF precursors
(SY) pronatriodilatin
(SY) atrial pronatriodilatin
(SY) prepro-cardiodilatin-atrial natriuretic factor
(SY) prepro-CDD-ANF
(SY) cardionatrin-cardiodilatin precursor
(SY) cardiodilatin precursor
(HM) *NATRIURETIC PEPTIDES, ATRIAL
(HM) *PROTEIN PRECURSORS
(II) NATRIURESIS
(NO) precursors to natriuretic factor & cardiodilatin; from heart atria; several forms exist; one form is a 152-amino acid peptide

atrial natriuretic factor receptor
(SY) receptor, atrial natriuretic peptide
(SY) atrial natriuretic factor receptors
(SY) ANF receptor
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) NATRIURETIC PEPTIDES, ATRIAL

atrial natriuretic factor receptors see atrial natriuretic factor receptor

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atrial natriuretic factor (1–16)
(SY) ANF (1–16)
(SY) cardionatrin I (1–16)
(HM) *NATRIURETIC PEPTIDES, ATRIAL
(HM) *PEPTIDE FRAGMENTS

atrial natriuretic factor 26
(SY) synthetic atrial natriuretic factor 26
(SY) ANF-26
(HM) *NATRIURETIC PEPTIDES, ATRIAL
(PA) DIURETICS
(II) NATRIURESIS
(NO) has natriuretic effect; synthetic peptide corresponding to the 26 residues of the C-terminal of a 73 amino acid form of ANF; amino acid sequence given in first source

atrial natriuretic factor (8–33)
(RN) 90984-99-9
(RR) 90091-92-2 (duplicate RN)
(SY) ANF(8-33)
(SY) atriopeptin 8-33, synthetic
(SY) ANF (101-126)
(SY) atrial natriuretic factor Arg(101)-Tyr(126)
(HM) *NATRIURETIC PEPTIDES, ATRIAL
(HM) *PEPTIDE FRAGMENTS
(PA) DIURETICS
(II) HORMONES, SYNTHETIC

atrial peptide see antiarrhythmic peptide

atrial pronatriodilatin see atrial natriuretic factor precursors

atriopeptigen
(HM) *PROTEIN PRECURSORS
(HM) *MUSCLE PROTEINS
(NO) common precursor for atriopeptins I, II, III & several other bioactive peptides from mammalian atrial extracts with 21-28 amino acid residues

atriopeptin 8-33, synthetic see atrial natriuretic factor (8-33)

atriopeptin-25 see atriopeptin 25

atriopeptin 25
(RN) 90052-57-6
(SY) ANF IV
(SY) atriopeptin-25
(HM) *NATRIURETIC PEPTIDES, ATRIAL
(PA) DIURETICS
(II) HEART ATRIUM
(II) NATRIURESIS
(NO) atrial natriuretic peptide from rat with 25 amino acid residues

A-TRIPLE-V
(HM) CYTARABINE
(HM) VINCRISTINE
(HM) VINBLASTINE
(HM) ETOPOSIDE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds; used for treatment of leukemia

atrium see tetrabamate

atrium 300 see tetrabamate

atrolactic acid
(RN) 515-30-0
(RR) 74010-67-6 (mono-Na salt(S)-isomer)
(RR) 4607-38-9 ((+-)-isomer)
(SY) 2-phenyllactic acid
(HM) *LACTATES
(NO) see also 3-isomer; RN given refers to parent cpd without isomeric designation; structure

atropinase see tropinesterase

atropine esterase see tropinesterase

atropine methonitrate see methylatropine

atropine methylbromide see methylatropine

atropinesterase see tropinesterase

atrotoxin
(HM) *CROTALID VENOMS
(NO) isolated from Crotalus atrox; MW 56,000

ATSO
(RN) 66038-72-0
(HM) *PROTEOGLYCANS
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(NO) from Basidiomycetes

attacin A see attacins

attacin B see attacins

attacin C see attacins

attacin D see attacins

attacin E see attacins

attacin F see attacins

attacins
(SY) attacin A
(SY) attacin B
(SY) attacin C
(SY) attacin D
(SY) attacin E
(SY) attacin F
(SY) immune protein P5
(HM) *INSECT HORMONES
(PA) ANTI-INFECTIVE AGENTS
(PA) ANTI-INFLAMMATORY AGENTS
(NO) antibacterial proteins from hemolymph of immunized pupae of cecropia moth, Hyalophora cecropia; antibacterial activity against E coli & other Gram-negative bacteria; A-D are basic, E & F are acidic; amino-terminal structure given in first source; see also related cecropin A,B,D

attapulgite
(RN) 12174-11-7
(SY) actapulgite
(SY) palygorskite
(HM) *MAGNESIUM
(HM) *SILICON
(NO) accelerates oxidative degradation of hydrocortisone; RN given refersto cpd with unknown MF

ATTCPL-LHRH see LHRH, N-Ac-Trp(1,3)-4-Cl-Phe(2)-Lys(6)-AlaNH(2)(10)-

A1-tunicamycin see tunicamycin A1

ATX I see toxin I (Anemonia sulcata)

ATX II see toxin II (Anemonia sulcata)

ATX III see toxin III (Anemonia sulcata)

atypical angiotensin converting enzyme see angiotensin I (Phe 8-His 9) hydrolase

AT-125 see acivicin

AT 125 see acivicin

AT 1258 see nitrocaphane

AT 17 see dimemorfan

AT 1727 see bimolane

AT 1840 see ungeremine

AT 2266 see enoxacin

AT-2266 see enoxacin

AT 265
(RN) 66522-52-9
(SY) AT-265
(SY) 5'-sulfamoyl-2-chloroadenosine
(SY) dealanylascamycin
(HM) ADENOSINE/analogs
(PA) ANTIBIOTICS
(NO) structure given in first source

AT-265 see AT 265

AT-581 see ocaphane

Au(CN)(2)(-) see dicyanoaurate

aucubigenin
(RN) 64274-28-8
(HM) *PYRANS
(NO) aglycone of aucubin; structure given in first source

aucubin
(RN) 479-98-1
(RR) 11019-67-3 (former CAS registry number)
(SY) aucubuside
(HM) *GLUCOSIDES
(NO) structure

aucubuside see aucubin

Augmentin see tiformin

Augmentin (antibacterial) see BRL 25000

Auligen see dixanthogen

auramycin A
(RN) 78173-92-9
(HM) NAPHTHACENES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) anthracycline antibiotic from Streptomyces galilaeus; structure given in first source

auramycin B
(RN) 78173-91-8
(HM) NAPHTHACENES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) anthracycline antibiotic from Streptomyces galilaeus; structure given in first source

auramycin C
(RN) 83753-71-3
(HM) NAPHTHACENES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) from Streptomyces galilaeus; structure given in first source

auramycin D
(RN) 82002-76-4
(HM) NAPHTHACENES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) from Streptomyces galilaeus; structure given in first source

auramycin E
(RN) 83753-72-4
(HM) NAPHTHACENES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) from Streptomyces galilaeus; structure given in first source

auramycin F
(RN) 83829-32-7
(HM) NAPHTHACENES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) from Streptomyces galilaeus; structure given in first source

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auramycin G
(RN) 83753-73-5
(HM) NAPHTHACENES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) from Streptomyces galilaeus; structure given in first source

auranofin
(RN) 34031-32-8
(RR) 85528-73-0 (195-Au labeled cpd)
(SY) SK&F D 39162
(SY) S-triethylphosphine gold 2,3,4,6-tetra-O-acetyl-1-thio-beta-D-glucopyranoside
(SY) auronafin
(SY) Gold, (2,3,4,6-tetra-O-acetyl-1-thio-beta-D-glucopyranosato-S)(triethylphosphine)-
(HM) GOLD THIOGLUCOSE/*analogs
(PA) ANTI-INFLAMMATORY AGENTS
(PA) ANTINEOPLASTIC AGENTS
(NO) potential chrysotherapeutic agent; RN given refers to unlabeled cpd; structure

aureofacin
(RN) 39390-53-9
(SY) aureophacin
(HM) POLYENES
(PA) ANTIBIOTICS
(NO) mixture of vacidin & gedamicin

aureofungin
(RN) 8065-41-6
(SY) D-Mannose, 3-amino-3,6-dideoxy-, mixt. with 1-(4-(methylamino)phenyl)ethanone
(HM) POLYENES
(PA) ANTIBIOTICS, ANTIFUNGAL
(NO) not the same as aureofungin (RN 8065-41-6) in Chemline; see also records for aureofungin A & aureofungin B

aureofungin A
(RN) 63278-45-5
(HM) POLYENES
(PA) ANTIBIOTICS, ANTIFUNGAL
(NO) heptaene antibiotic produced by Streptomyces cinnamomeus Benedict var terricol; see also aureofungin B & aureofungin

aureofungin B
(RN) 63278-44-4
(HM) POLYENES
(PA) ANTIBIOTICS, ANTIFUNGAL
(NO) heptaene antibiotic produced by Streptomyces cinnamomeus Benedict var terricol; see also aureofungin A & aureofungin

aureophacin see aureofacin

Aurodetoxin
(RN) 9078-78-8
(SY) aurothiopolypeptide
(SY) gold keratinate
(HM) *PEPTIDES

auromomycin see macromomycins

auromycin
(HM) PEPTIDES
(PA) ANTIBIOTICS
(NO) degrades DNA in a manner which is sensitive to the sequence of DNA bases

auronafin see auranofin

aurosporin
(RN) 51990-34-2
(HM) *MYCOTOXINS
(II) PIGMENTS
(NO) from Microsporum cookei & Epidermophyton floccosum; no other info available 11/9/83

aurothiopolypeptide see Aurodetoxin

aurothiopropanol sodium sulfonate see chrysanol

3-aurothio-2-propanol-1-sulfonic acid see chrysanol

aurovertin B
(RN) 55350-03-3
(HM) *AUROVERTINS

aurovertin D
(RN) 65256-31-7
(HM) *AUROVERTINS

Australian Pharmaceutical Formulary Linctus Codeine see Linctus Codeine, AFP

autoagglutinin
(SY) blocking anticoagulant
(HM) *AGGLUTININS

autoplex see Factor IX, activated

autoprothrombin II-A (activated form) see protein C

autorosette inhibition factor
(HM) *BLOOD PROTEINS
(NO) protein found in sera of many vertebrates, including man; inhibits the ability of murine lymphocytes to bind to autologous erythrocytes; glycoprotein MW 80,000

auxin-binding protein see auxin receptor

auxin receptor
(SY) receptor, auxin
(SY) auxins receptors
(SY) auxin-binding protein
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) AUXINS
(NO) from coleoptile membranes of corn

auxins receptors see auxin receptor

AU 8001
(RN) 82239-77-8
(SY) AU-8001
(SY) 4'-acetamidophenyl-2-(5'-4-tolyl-1'-methylpyrrole)acetate
(HM) *TOLMETIN/analogs
(PA) ANALGESICS, ANTI-INFLAMMATORY
(NO) structure given in first source

AU-8001 see AU 8001

Avadex see di-allate

avafortan see avapyrazone

AvaI endonuclease see endodeoxyribonuclease AvaI

AVAII endonuclease see endodeoxyribonuclease AvaII

avapyrazone
(RN) 13987-03-6
(SY) avafortan
(HM) GLYCINE/*analogs
(HM) *DIPYRONE
(HM) DRUG COMBINATIONS
(PA) ANALGESICS
(NO) combination of camylofin & dipyrone; avafortran contains 24 mg/ml of avapyrazone & an additional 240 mg/ml of dipyrone

avarol
(RN) 55303-98-5
(HM) *SESQUITERPENES
(NO) RN given refers to parent cpd; extract from Dysidea avara(sea sponge)

A-VBM-FH6 protocol
(SY) A VBM FH6
(HM) DOXORUBICIN
(HM) VINCRISTINE
(HM) FLUOROURACIL
(HM) HYDROXYUREA
(HM) 6-MERCAPTOPURINE
(HM) BLEOMYCINS
(HM) METHOTREXATE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds; used in treatment of postcricoid carcinoma

A VBM FH6 see A-VBM-FH6 protocol

AVC see CAV

Avcothane
(RN) 37226-50-9
(SY) Avcothane-51
(SY) Avcothane 51
(SY) cardiothane
(HM) *SILICONE ELASTOMERS
(HM) *POLYURETHANES
(NO) blood compatible elastomer consisting of polyurethane & poly(dialkylsiloxane)

Avcothane 51 see Avcothane

Avcothane-51 see Avcothane

avenaciolide
(RN) 20223-76-1
(HM) *LACTONES
(NO) produced by Aspergillus avenaceus; inhibits glutamate transport in mitochondria, probably by releasing membrane bound cations; minor descriptor (75-83); on-line & Index Medicus search LACTONES (75-83); RN given refers to (3aR-(3aalpha,4alpha,6aalpha))-isomer; RN for cpd without isomeric designation not in Chemline 8/8/83

avermectin
(RN) 73989-17-0
(RR) 65195-51-9 (avermectin A1a)
(SY) avermectins
(HM) *LACTONES
(PA) ANTHELMINTICS
(PA) ANTIPROTOZOAL AGENTS
(NO) produced by actinomycete, Streptomyces avermitilis; structure; see also records for specific avermectins

avermectin B(1)a
(RN) 65195-55-3
(SY) avermectin B1a
(SY) C-076
(SY) MK-933
(SY) C 076
(SY) MK 933
(HM) *LACTONES
(PA) ANTHELMINTICS
(NO) RN given refers to avermectin B(1)a; see also avermectins

avermectin B1a see avermectin B(1)a

avermectin B2a
(RN) 65195-57-5
(HM) *LACTONES
(PA) ANTINEMATODAL AGENTS
(NO) RN given refers to avermectin B2a

Avermectin A1a, 5-O-demethyl-25-de(1-methylpropyl)-22, 23-dihydro-25-propyl- see avermectin H2B1b

avermectin H2B1a see ivermectin

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avermectin H2B1b
(RN) 70209-81-3
(SY) Avermectin A1a, 5-O-demethyl-25-de(1-methylpropyl)-22,23-dihydro-25-propyl-
(HM) *LACTONES
(PA) ANTIPROTOZOAL AGENTS
(NO) structure given in first source; see also record for avermectin

avermectins see avermectin

averufin
(RN) 14016-29-6
(HM) *ANTHRAQUINONES

AVGA I see angiotensin I, 1-Asn-5-Val-9-Gly-

avian Ia-like antigens see Ia-like antigens, avian

avian pancreatic polypeptide, avian polypeptide (chicken) see pancreatic polypeptide, avian

avian retrovirus polypeptide p27 see avian retrovirus proteins

avian retrovirus pp32 protein see avian retrovirus proteins

avian retrovirus proteins
(SY) avian retrovirus pp32 protein
(SY) pp32 retrovirus protein
(SY) retrovirus pp32 protein
(SY) avian retrovirus polypeptide p27
(SY) pp32 DNA binding protein
(HM) *RETROVIRIDAE PROTEINS
(II) DNA-BINDING PROTEINS
(NO) possess DNA endonuclease activity & DNA-binding properties

avian sarcoma virus p90 see gene proteins, viral

avian sarcoma virus transforming protein see phosphoprotein pp60(src)

avicularin
(RN) 572-30-5
(HM) *FLAVONES
(II) PLANTS, MEDICINAL
(NO) from Polygonum aviculare L.; RN given refers to L-isomer; RN for cpd without isomeric designation not in Chemline 7/84

avidin, fluorescein isothiocyanate see fluorescein isothiocyante avidin

AVIP
(HM) DOXORUBICIN
(HM) VINCRISTINE
(HM) IFOSFAMIDE
(HM) PREDNISOLONE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

AVLF
(HM) DOXORUBICIN
(HM) VINCRISTINE
(HM) CYCLOPHOSPHAMIDE
(HM) FLUOROURACIL
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above 4 cpds

Avlothane see hexachloroethane

AVN
(HM) NITROSOUREA COMPOUNDS
(HM) VINCRISTINE
(HM) PROCARBAZINE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of ACNU, vincristine & procarbazine

AV-156 Na see AV 156

avoparcin
(RN) 37332-99-3
(SY) LL-AV 290
(SY) avotan
(HM) GLYCOPEPTIDES
(PA) ANTIBIOTICS
(NO) glycopeptide antibiotic from Streptomyces candidus; antibiotic growth promoter for improving growth rates & feed conversion efficiency of broiler chickens & pigs

avotan see avoparcin

avridine see CP-20,961

AVS see 1,2-bis(nicotinamido)propane

AV 156
(RN) 89089-54-3
(SY) AV-156 Na
(HM) *ANTIOXIDANTS
(NO) no other info available 7/18/83

AV-370 see urovision

awamycin
(HM) QUINONES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) isolated from Streptomyces sp. No. 80-217; MF: C38-H49-N-O12-S

3-epi-axenose see mycarose

axokinin
(HM) *PHOSPHOPROTEINS
(II) SPERM MOTILITY
(NO) MW 56,000; heat-stable phosphoprotein from flagella & cilia, whose motility requires its cAMP-dependent phosphorylation

AY-11440 see clogestone

AY 21554 see phthalapromine

AY 22,241 see actodigin

AY 22,284 see alrestatin

AY 22-989 see rapamycin

AY 23,289 see prodolic acid

AY 23946 see tandamine

AY 24,031 see gonadorelin

AY 24236 see etodolic acid

AY-24668 see demethoxyrapamycin

AY 24668 see demethoxyrapamycin

AY-25205 see AY 25,205

AY-25,205 see AY 25,205

AY 25,205
(RN) 52435-06-0
(RR) 52435-05-9 ((L-Ala-L-Pro)-isomer)
(SY) LHRH, N-Et-ProNH(2)(9)-Ala(6)-des-GlyNH(2)(10)-
(SY) Ala(6)-des-GlyNH(2)(10)-LHRH ethylamide
(SY) LHRH-6-D-alanyl-9-N-ethylprolinamide-10-deglycinamide
(SY) Ala-Pro-NHET-LHRH
(SY) Wy 18,481
(SY) AY-25,205
(SY) GNRHa
(SY) GNRH-A
(SY) des-Gly(10)(D-Ala(6))LHRH-ethylamide
(SY) AY-25205
(SY) Wy-18481
(SY) GnRH-6-D-alanyl-9-N-ethylprolinamide-10-deglycinamide
(SY) des-Gly(10)-D-ALa(6)GNRH N-ethylamide
(SY) D-Ala(6)-desGly(10)-GnRH-N-ethylamide
(HM) LH-FSH RELEASING HORMONE/*analogs
(II) HORMONES, SYNTHETIC
(NO) potent LHRH agonist; RN given refers to (D-Ala-L-Pro)-isomer; RN for cpd without isomeric designation not in Chemline 12/12/83

AY-25545 see ravidomycin

AY 25545 see ravidomycin

AY-25674 see AY 25,674

AY 25,674
(RN) 65425-48-1
(SY) N-(2-oxo-3,5,7-cycloheptatrien-1-yl) aminooxoacetic acid ethyl ester
(SY) AY-25674
(HM) *CYCLOHEPTANES
(PA) PHOSPHODIESTERASE INHIBITORS
(NO) inhibits passive anaphylaxis in rat; structure

AY-25712 see AY 25712

AY 25712
(RN) 72420-38-3
(SY) AY-25,712
(SY) 2-methyl-2-phenyl-3(2H)furanone-5-carboxylic acid
(SY) AY-25712
(SY) acifran
(HM) *FURANS
(PA) ANTILIPEMIC AGENTS
(NO) structure given in first source

AY-25,712 see AY 25712

AY-27110 see ciladopa

AY 27110 see ciladopa

AY 27773 see tolrestat

AY-27,773 see tolrestat

8-azaadenine
(RN) 1123-54-2
(SY) 8-aza-adenine
(HM) ADENINE/*analogs
(NO) xanthine oxidase inhibitor

8-aza-adenine see 8-azaadenine

2-azaadenosine
(HM) ADENOSINE/*analogs
(PA) ANTINEOPLASTIC AGENTS

8-azaadenosine
(RN) 10299-44-2
(HM) ADENOSINE/*analogs

19-azaandrostenedione see 10-amino-4-estrene-3,17-dione

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azabicyclane
(RN) 21650-02-2
(SY) azabicyclane citrate
(HM) *BICYCLO COMPOUNDS
(PA) ANALGESICS
(PA) ANALGESICS, ADDICTIVE
(NO) structure

azabicyclane citrate see azabicyclane

1-Azabicyclo(3.2.0)hept-2-ene-2-carboxylic acid, 3-(2-(acetylamino)ethenyl)sulfinyl)-6-(2-hydroxy-1-methylethylidene)-7-oxo- see asparenomycin

1-Azabicyclo(3.2.0)hept-2-ene-2-carboxylic acid, 3-(2-((3-((2,4-dihydroxy-3,3-dimethyl-1-oxobutyl)amino)-1-oxopropyl)amino)ethyl)thio)-6-ethyl-7-oxo-, (5R-(3(R*),5alpha,6beta))- see OA 6129A

1-azabicyclo(2.2.2)oct-3-yl alpha-hydroxy-alpha-(4-iodophenyl)-alpha-phenylacetate
(RN) 81381-93-3
(SY) 1-AHIP
(HM) *GLYCOLATES
(NO) used for [illegible] muscarinic receptor studies; structure given in first source

azabuperone see azabutyrone

azabutyrone
(RN) 2856-81-7
(RR) 3162-75-2 (di-HCl)
(SY) azabuperone
(SY) p-fluorophenyl-gamma-(1,4-diazabicyclo(4.3.0) nonanyl-4)propylketone
(HM) *BUTYROPHENONES
(PA) BUTYROPHENONE TRANQUILIZERS
(NO) Russian drug; RN given refers to parent cpd; structure

6-azacadeguomycin
(RN) 96555-48-5
(HM) GUANOSINE/analogs
(PA) ANTIBIOTICS
(NO) RN not in Chemline 9/85; RN and structure given in first source

azaconazole
(RN) 60207-31-0
(SY) R 28644
(SY) 1-((2-(2,4-dichlorophenyl)-1,3-dioxolan-2-yl) methyl)1H-1,2,4-triazole
(HM) *TRIAZOLES
(PA) FUNGICIDES, INDUSTRIAL
(NO) structure given in first source

25-azacycloartanol
(RN) 73116-19-5
(HM) *PHYTOSTEROLS
(NO) RN given refers to (3beta,5alpha)-isomer; RN for cpd without isomeric designation not in Chemline 1/25/84

azacycloheptane-1-thiocarboxylic acid 2-(1-(2-pyridyl) ethylidene) hydrazide see thiosemicarbazone H

azacyclonol
(RN) 115-46-8
(RR) 1798-50-1 (HCl)
(HM) *PIPERIDINES
(PA) TRANQUILIZING AGENTS, MINOR
(NO) major descriptor (65-84); on-line search PIPERIDINES (65-84); Index Medicus search AZACYCLONOL (65-84); RN given refers to parent cpd

2-(4-(1-azacyclooctylcarbonyl)piperidin-1-yl)-4-amino-6,7-dimethoxyquinazoline HCl see OR H3088

6-azacytidine
(RN) 3131-60-0
(HM) *AZACYTIDINE
(II) ISOMERISM

5-azacytosine arabinoside
(RN) 65886-71-7
(SY) ara-AC
(SY) 1-beta-D-arabinosyl-5-azacytosine
(HM) *AZACYTIDINE
(II) STEREOISOMERS
(NO) RN given refers to parent cpd; RN in Chemline for 6-(14)C-labeled cpd, 1-beta-D-ribofuranosyl-isomer: 61853-20-1; RN for 6-(13)C-labeled cpd, 1-beta-D-ribofuranosyl-isomer: 61853-19-8; RN for azacytidine: 12679-86-6; RN for 1-beta-D-ribofuranosyl-isomer: 320-67-2; structure

5-azacytosine
(RN) 4040-10-2
(HM) CYTOSINE/*analogs
(NO) structure given in first source

6-azacytosine
(RN) 931-85-1
(HM) CYTOSINE/*analogs
(NO) structure given in first source

5-aza-dCMP see 5-aza-2'-deoxycytidine-5'-monophosphate

5-aza-dCTP see 5-aza-2'-deoxycytidine-5'-triphosphate

5-aza-2'-deoxycytidine-5'-monophosphate
(RN) 66642-55-5
(SY) 5-aza-dCMP
(HM) AZACYTIDINE/*analogs

5-aza-2'-deoxycytidine-5'-triphosphate
(RN) 72052-96-1
(SY) 5-aza-dCTP
(HM) CYTIDINE TRIPHOSPHATE/*analogs
(HM) AZACYTIDINE/*analogs

5-aza-2'-deoxycytidine
(RN) 2353-33-5
(SY) 2'-deoxy-5-azacytidine
(HM) AZACYTIDINE/*analogs
(PA) ANTINEOPLASTIC AGENTS
(NO) structure

2-aza-2-dihydrosqualene
(RN) 86699-73-2
(HM) SQUALENE/*analogs
(PA) ISOMERASES/antag
(NO) 2,3-oxidosqualene cyclase inhibitor

5-azadihydrouracil see dioxohexahydrotriazine

aza-epsilon-ADP
(SY) 2-aza-1,N(6)-etheno-adenosine diphosphate
(SY) 2-aza-1,N6-etheno ADP
(HM) ADENOSINE DIPHOSPHATE/*analogs
(NO) fluorescent

aza-epsilon-ATP
(RN) 50663-89-3
(SY) 2-aza-1,N6-etheno-adenosine triphosphate
(SY) 2-aza-1,N6-etheno ATP
(SY) 1,N(6)-etheno-2-aza-adenosine triphosphate
(HM) ETHENOADENOSINE TRIPHOSPHATE/*analogs
(NO) fluorescent; structure

2-aza-1,N(6)-etheno-adenosine diphosphate see aza-epsilon-ADP

2-aza-1,N6-etheno-adenosine triphosphate see aza-epsilon-ATP

2-aza-1,N6-etheno ADP see aza-epsilon-ADP

2-aza-1,N6-etheno ATP see aza-epsilon-ATP

azafen see azaphen

9-azafluorene see carbazole

azaheterocycle N-methyltransferase
(RN) EC 2.1.1.-
(SY) AZH-N-methyltransferase
(SY) nicotine N-methyltransferase
(HM) *METHYLTRANSFERASES
(NO) catalyzes the N-methylation of nicotine to N-methylnicotinium

2-azahypoxanthine
(RN) 4656-86-4
(HM) *HYPOXANTHINES
(NO) metabolite of DTIC; structure

azaleucine
(RN) 4746-36-5
(HM) LEUCINE/*analogs

azalomycin B see elaiophylin

azamethonium bromide see pentamine

15-aza-24-methylene-8,14-cholestadiene-3 beta-ol see A25822B

15-aza-24-methylene-D-homocholestadienol see A25822B

4-aza-4-methyl-5-pregnane-3,20-dione
(RN) 73671-90-6
(SY) AMPD
(SY) L-637,146
(SY) L 637146
(HM) *PREGNANEDIONES
(HM) *AZASTEROIDS
(PA) OXIDOREDUCTASES/antag
(NO) progesterone 5 alpha-reductase antagonist; structure given in first source

6-azamianserin
(RN) 61337-67-5
(SY) ORG 3770
(SY) ORG-3770
(HM) *MIANSERIN/analogs
(PA) HISTAMINE H1 RECEPTOR BLOCKADERS
(PA) ANTIDEPRESSIVE AGENTS, TRICYCLIC

azanidazole
(RN) 62973-76-6
(SY) Triclose
(HM) *NITROIMIDAZOLES
(PA) ANTITRICHOMONAL AGENTS
(NO) RN given refers to parent cpd; RN in 9th CI Form Index for unspecified stereoisomer: 53409-75-9; structure given in first source

azapentacene
(RN) 3863-80-7
(SY) 5,12-dihydroazapentacene sodium disulfonate
(HM) *QUINOXALINES
(NO) used in therapy of senile cataracts; RN given refers to sodium disulfonate; RN for parent cpd not in Chemline 5/85; structure given in first source

11-azapentacyclo(6.2.1.0(2,7).0(4,10).0(5,9)decane
(RN) 95617-30-4
(RR) 95617-31-5 (picrate)
(RR) 95617-32-6 (HCl)
(SY) 11-APCD
(HM) *CYCLOPENTANES
(PA) ANTIVIRAL AGENTS
(NO) RN & structure given in first source; RN not in Chemline 7/85; RN given refers to parent cpd

azapetine
(RN) 146-36-1
(RR) 130-83-6 (phosphate[1:1])
(RR) 4719-85-1 (phosphate[1:2])
(RR) 65-15-6 (HCl)
(SY) Ilidar
(HM) *DIBENZAZEPINES
(PA) ADRENERGIC ALPHA RECEPTOR BLOCKADERS
(PA) VASODILATOR AGENTS
(NO) RN given refers to parent cpd; structure

17-aza-PGF2alpha see 17-azaprostaglandin F2alpha

azaphen
(RN) 24853-80-3
(RR) 74203-67-1 (mono-HCl)
(SY) 2-(4-methyl-1-piperazinyl)-10-methyl-3,4-diazaphenoxazine
(SY) azafen
(HM) *OXAZINES
(PA) ANTIDEPRESSIVE AGENTS, TRICYCLIC
(NO) antidepressant with a tricyclic structure may affect the autonomic nervous system; minor descriptor (77-85); on-line & Index Medicus search OXAZINES (77-85); RN given refers to (di-HCl); RN for parent cpd not in Chemline 6/85; don't confuse with AZOPHEN, a brand name for ANTIPYRINE

azapicyl
(RN) 17433-31-7
(SY) NSC 68626
(SY) NSC-68626
(HM) *PICOLINIC ACIDS
(PA) ANTINEOPLASTIC AGENTS

azapride
(SY)
4-azido-5-chloro-2-methoxy-N-(1-phenylmethyl-4-piperidinyl)benzamide
(HM) *AZIDES
(II) AFFINITY LABELS
(NO) azide analog of clebopride

17-azaprostaglandin F2alpha
(SY) 17-aza-PGF2alpha
(HM) *PROSTAGLANDINS F, SYNTHETIC
(II) CRYOPROTECTIVE AGENTS
(NO) cryoprotective of rat gastric mucosa

13-azaprostanoic acid
(RN) 71629-07-7
(RR) 70617-82-2 ((trans)-isomer)
(RR) 70617-78-6 ((cis)-isomer)
(HM) *PROSTANOIC ACIDS
(NO) RN given refers to (1S-trans)-isomer; RN for cpd without isomeric designation not in Chemline 12/12/83

8-azapurine
(RN) 273-40-5
(HM) *PURINES
(NO) structure

azarcon see lead tetroxide

azarole
(RN) 55872-82-7
(RR) 79381-25-2 ((Z)-isomer)
(RR) 79381-19-4 ((E)-isomer)
(SY) N,N'-2,5-cyclohexadiene-1,4-diylidenebis(1H-pyrrol-1-amine)
(HM) *PYRROLES
(PA) ANTITUBERCULAR AGENTS
(NO) RN given refers to cpd without isomeric designation; structure given in first source

azastene
(RN) 13074-00-5
(SY) Win 17,625
(SY) isoxazol
(SY) Win-17625
(HM) *ANDROSTENOLS
(PA) ABORTIFACIENT AGENTS, STEROIDAL
(PA) PROGESTERONE/antag
(II) OXIDATIVE PHOSPHORYLATION COUPLING FACTORS
(NO) inhibitor of ovarian & adrenal steroidogenesis in rats

15-azasterol see A25822B

azatadine
(RN) 3964-81-6
(SY) idulian
(SY) optimine
(SY) azatadine maleate
(SY) zadine
(HM) CYPROHEPTADINE/*analogs
(PA) ANTIHISTAMINICS
(PA) HISTAMINE H1 RECEPTOR BLOCKADERS
(NO) indulian (UD 21;71k) is dimaleate; USAN & UD references are for maleate; RN given refers to parent cpd; RN in Chemline for dimaleate: 3978-86-7; structure in Negwer, 5th ed, #4236

azatadine maleate see azatadine

6-azathymine
(RN) 932-53-6
(HM) THYMINE/*analogs
(NO) structure given in first source

7-azatryptophan
(RN) 1137-00-4
(RR) 49758-35-2 ((S)-isomer)
(RR) 7303-50-6 ((+-)-isomer)
(HM) TRYPTOPHAN/*analogs
(NO) RN given refers to cpd without isomeric designation; structure

5-azauracil
(RN) 71-33-0
(HM) *AZAURACIL
(II) ISOMERISM
(NO) structure given in first source

6-azauridine-5'-monophosphate
(RN) 2018-19-1
(RR) 71761-12-1 (trihydrate)
(SY) 6-azauridine-5'-phosphate
(HM) *URIDINE MONOPHOSPHATE/analogs
(NO) RN given refers to parent cpd

6-azauridine-5'-phosphate see 6-azauridine-5'-monophosphate

AZCH see 3 beta-azidocholyl-2-iodohistamine

AZ-DAMGE see tyrosyl-alanyl-glycyl-(4-azidomethylphenylalanyl)-glycine-OH

AZ-DTLET see tyrosyl-threonyl-glycyl-(4-azidophenylalanyl)-leucyl-threonine

AZEBCAP see 17 alpha-aza-homo-delta (1,3,5(10)) estratrien-3-ol-17-one-4-N,N-bis(2-chloroethyl)aminophenylacetate

azelaic acid
(RN) 123-99-9
(RR) 19619-43-3 (unspecified K salt)
(RR) 52457-54-2 (di-K salt)
(RR) 3890029-7 (di-Li salt)
(RR) 27825-99-6 (unspecified Na salt)
(RR) 17356-30-8 (mono-Na salt)
(RR) 17265-13-3 (di-Na salt)
(SY) nonanedioic acid
(HM) *DICARBOXYLIC ACIDS
(PA) ANTINEOPLASTIC AGENTS
(NO) RN given refers to parent cpd; structure

azelastine
(RN) 58581-89-8
(RR) 79307-93-0 (HCl)
(RR) 37932-96-0 (unspecified HCl)
(SY) A-5610
(SY)
4-(p-chlorobenzyl)-2-(N-mehtylperhydroazepinyl-(4))-1-(2H)-phthalazinone
(SY) A 5610
(HM) *PHTHALAZINES
(PA) ANTIHISTAMINICS
(NO) RN from Negwer, 5th ed & refers to parent cpd; structure

azepexole see B-HT 933

azetidine platinum(II)
(HM) *ORGANOPLATINUM COMPOUNDS
(HM) *AZETIDINES
(PA) ANTINEOPLASTIC AGENTS
(NO) structure given in first source

AZFD see azidofluorescein diacetate

AZH-N-methyltransferase see azaheterocycle N-methyltransferase

azidamphenicol see azidoamphenicol

azidin see diminazene aceturate

8-azidoadenosine diphosphate
(RN) 59432-65-4
(SY) 8-azido-ADP
(HM) ADENOSINE DIPHOSPHATE/*analogs
(HM) *AZIDES
(II) AFFINITY LABELS

2-azidoadenosine 5'-monophosphate
(RN) 64020-54-8
(SY) 2-azido-AMP
(HM) ADENOSINE MONOPHOSPHATE/*analogs
(HM) *AZIDES
(II) AFFINITY LABELS

8-azidoadenosine-3',5'-monophosphate
(RN) 31966-52-6
(SY) 8-N3-cAMP
(SY) 8-azido-cyclic AMP
(HM) ADENOSINE CYCLIC MONOPHOSPHATE/*analogs
(HM) *AZIDES
(II) AFFINITY LABELS

8-azidoadenosine 5'-monophosphate
(RN) 60731-47-7
(HM) ADENOSINE MONOPHOSPHATE/*analogs
(HM) *AZIDES
(II) AFFINITY LABELS
(NO) RN given refers to above cpd; RN in Chemline for 2-azido-isomer: 64020-54-8

2-azidoadenosine 5'-phosphate
(RN) 64020-53-7
(SY) 2-azido-ADP
(HM) ADENOSINE DIPHOSPHATE/*analogs

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2-azidoadenosine 5'-triphosphate
(RN) 72884-75-4
(SY) 2-azido-ATP
(HM) ADENOSINE TRIPHOSPHATE/*analogs
(HM) *AZIDES
(II) AFFINITY LABELS

8-azidoadenosine 5'-triphosphate
(SY) 8-azido-ATP
(HM) ADENOSINE TRIPHOSPHATE/*analogs
(HM) *AZIDES
(II) AFFINITY LABELS

2-azidoadenosine
(RN) 59587-07-4
(SY) 2-azido-adenosine
(HM) ADENOSINE/*analogs
(HM) *AZIDES

2-azido-adenosine see 2-azidoadenosine

8-azidoadenosine
(RN) 4372-67-2
(HM) ADENOSINE/*analogs
(HM) *AZIDES

8-azido-S-adenosylmethionine
(RN) 84980-20-1
(SY) 8-AASM
(HM) *AZIDES
(HM) S-ADENOSYLMETHIONINE/*analogs
(II) AFFINITY LABELS

2-azido-ADP see 2-azidoadenosine 5'-phosphate

8-azido-ADP see 8-azidoadenosine diphosphate

azidoalanine
(RN) 88192-18-1
(HM) ALANINE/*analogs
(HM) *AZIDES
(PA) MUTAGENS

3-azido-8-amino-5-ethyl-6-phenylphenanthridinium chloride see 3-azidoethidium

8-azido-3-amino-5-ethyl-6-phenylphenanthridinium chloride see 8-azidoethidium

azidoamphenicol
(RN) 13838-08-9
(SY) azidamphenicol
(SY) Bay f 4797
(HM) CHLORAMPHENICOL/*analogs
(NO) structure

2-azido-AMP see 2-azidoadenosine 5'-monophosphate

4-azidoanilido-5'-GTP see GTP gamma-4-azidoanilide

2-azido-ATP see 2-azidoadenosine 5'-triphosphate

8-azido-ATP see 8-azidoadenosine 5'-triphosphate

4-azidoatropine methiodide
(SY) 4-azidoatropine methyl iodide
(SY) para-azidoatropine methiodide
(HM) *ATROPINE DERIVATIVES
(II) AFFINITY LABELS
(NO) structure given in first source

4-azidoatropine methyl iodide see 4-azidoatropine methiodide

3-(2-(4-azidobenzamidino)ethyl)-5-hydroxyindole
(SY) serotonin azidobenzamidine
(SY) SABA
(HM) *AZIDES
(HM) SEROTONIN/*analogs
(II) AFFINITY LABELS
(NO) structure given in first source

azidobenzene see phenylazide

4-azidobenzoic acid N-hydroxysuccinimide ester see hydroxysuccinimidyl-4-azidobenzoate

azidobenzoyl-ANF see azidobenzoyl-atrial natriuretic factor

azidobenzoyl-ANF, iodine labeled see azidobenzoyl-atrial natriuretic factor

azidobenzoyl-atrial natriuretic factor
(SY) azidobenzoyl-ANF
(SY) I(125)-azidobenzoyl-ANF
(SY) azidobenzoyl-ANF, iodine labeled
(HM) *AZIDES
(HM) *MUSCLE PROTEINS
(II) AFFINITY LABELS

p-azidobenzoyl-CoA see 4-azidobenzoyl-coenzyme A

p-azidobenzoyl-coenzyme A see 4-azidobenzoyl-coenzyme A

4-azidobenzoyl-coenzyme A
(RN) 63550-94-7
(SY) p-azidobenzoyl-CoA
(SY) p-azidobenzoyl-coenzyme A
(SY) coenzyme A, 4-azidobenzoyl
(HM) *ACYL COENZYME A
(HM) *AZIDES
(II) AFFINITY LABELS

4-azidobenzoylglycyllysine
(SY) 4-azidobenzoylglycyl-L-lysine
(SY) 4-AB-Gly-Lys
(HM) *AZIDES
(HM) *DIPEPTIDES
(II) AFFINITY LABELS

4-azidobenzoylglycyl-L-lysine see 4-azidobenzoylglycyllysine

N-(4-azidobenzoylglycyl)-S-(2-thiopyridyl)cysteine
(RN) 78196-39-1
(SY) AGTC
(HM) *AZIDES
(II) CROSS-LINKING REAGENTS
(II) AFFINITY LABELS
(NO) structure given in first source

3'-(p-azidobenzoyl)-GTP see 3'-(4-azidobenzoyl)guanosine triphosphate

3'-(4-azidobenzoyl)guanosine triphosphate
(RN) 84431-07-8
(SY) 3'-(p-azidobenzoyl)-GTP
(HM) *AZIDES
(HM) GUANOSINE TRIPHOSPHATE/*analogs
(II) AFFINITY LABELS
(NO) binds to tubulin molecule & promotes polymerization; RN from first source; RN not in Chemline 8/1/83

4-azidobenzoyl-(125)I-IGF-II see 4-azidobenzoyliodo-insulin-like growth factor II

(4-azidobenzoyl)insulin see insulin, (4-azidobenzoyl)-

4-azidobenzoyliodo-insulin-like growth factor II
(SY) 4-azidobenzoyl-(125)I-IGF-II
(SY) 4-ABI-IGF-II
(HM) INSULIN-LIKE GROWTH FACTOR II/*analogs
(HM) *AZIDES
(II) AFFINITY LABELS

(azidobenzoyl-D-Lys(6))LHFSHRH see LHRH, Lys(6)-N-epsilon-azidobenzoyl-

4-azidobenzoyl-2-mercapto-N-ethylamide-2' -thiopyridine disulfide
(SY) ABMEATPD
(HM) *AZIDES
(II) AFFINITY LABELS
(NO) structure given in first source

1-(p-azidobenzoyl)-5-methoxy-2-methylindole-3-acetic acid see zidometacin

1-(4-azidobenzoyl)-5-methoxy-2-methylindole-3-acetic acid see zidometacin

4-azidobenzoyl-Met-Met-Met see 4-azidobenzoyltrimethionine

2-(4-(4-azidobenzoyl)piperazin-1-yl)-4-amino-6,7-dimethoxyquinazoline see CP 59430

4-azidobenzoyltrimethionine
(RN) 85119-89-7
(SY) 4-azidobenzoyl-Met-Met-Met
(SY) 4-ABMMM
(HM) *AZIDES
(II) AFFINITY LABELS

azidobenzoyl Trp(11)neurotensin see 11-azidobenzoyl tryptophan neurotensin

11-azidobenzoyl tryptophan neurotensin
(SY) azidobenzoyl Trp(11)neurotensin
(SY) neurotensin, AZB-Trp(11)
(HM) *AZIDES
(HM) NEUROTENSIN/*analogs
(II) AFFINITY LABELS

N(6)-(p-azidobenzyl)adenosine see N(6)-(4-azidobenzyl)adenosine

N(6)-(4-azidobenzyl)adenosine
(RN) 85107-83-1
(SY) N(6)-(p-azidobenzyl)adenosine
(SY) AB-adenosine
(HM) *AZIDES
(II) AFFINITY LABELS

p-azidobenzylcarazolol see 4-azidobenzylcarazolol

4-azidobenzylcarazolol
(RN) 79697-89-5
(SY) para-azidobenzylcarazolol
(SY) pABC
(SY) p-azidobenzylcarazolol
(HM) *PROPANOLAMINES
(HM) *AZIDES
(II) AFFINITY LABELS

6'-N-4-azidobenzyltobramycin
(RN) 85733-85-3
(SY) 6-PABT
(HM) TOBRAMYCIN/*analogs
(HM) *AZIDES
(II) AFFINITY LABELS
(NO) used for photo-induced labeling of E coli ribosomes

azidocalmodulin
(HM) CALMODULIN/*analogs
(HM) *AZIDES
(II) AFFINITY LABELS
(NO) photoaffinity label for calmodulin-binding proteins

2-azido-CDP see 2'-azido-2'-deoxycytidine 5'-diphosphate

4-azido-5-chloro-2-methoxy-N-(1-phenylmethyl-4-piperidinyl)benzamide see azapride

azidoclebopride
(RN) 92990-90-4
(SY) 4-deamino-4-azidoclebopride
(HM) *BENZAMIDES

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8-azido-cyclic AMP see
8-azidoadenosine-3',5'-monophosphate

2'-azidocytidine
(RN) 51034-68-5
(SY) 2'-deoxy-2'-azidocytidine
(HM) CYTIDINE/*analogs
(NO) DNA replication inhibitor

3-azido-x-dATP see
9-(3'-azido-3'-deoxy-beta-D-xylofuranosyl)adenine 5'-triphosphate

2'-azido-2'-deoxy-beta-D-arabinofuranosyladenine see arazide

9-(3'-azido-3'-deoxy-beta-D-xylofuranosyl)adenine 5'-triphosphate
(SY) 3-azido-x-dATP
(HM) *DEOXYADENINE NUCLEOTIDES
(PA) RNA POLYMERASES/antag
(NO) structure given in first source

9-(3'-azido-3'-deoxy-beta-xylofuranosyl) guanine 5'-triphosphate
(SY) 3-azido-x-dGTP
(HM) *DEOXYGUANINE NUCLEOTIDES
(PA) RNA POLYMERASES/antag
(NO) structure given in first source

2'-azido-2'-deoxycytidine 5'-diphosphate
(RN) 51034-65-2
(SY) 2-azido-CDP
(HM) *CYTIDINE DIPHOSPHATE/analogs

3-azido-x-dGTP see
9-(3'-azido-3'-deoxy-beta-xylofuranosyl)guanine 5'-triphosphate

24-azido-3-((2,6-dideoxy-beta-hexapyranosyl)oxy)-14-hydroxy-21-norchol- 20(22)-en-23-one
(RN) 87830-63-5
(RR) 87830-72-6 (3H-labeled cpd)
(SY) ADHHN
(HM) *AZIDES
(HM) *CARDIAC GLYCOSIDES
(II) AFFINITY LABELS
(NO) structure & RN from first source; RN not in Chemline 3/84; RN given refers to (3beta,5beta,14beta,20E)-isomer

3-azido-9-((4-(diethylamino)-1-methylbutyl)amino)-7-methoxyacridine see quinacrine azide

8-azido-1-EAT see 8-azido-1,N(6)-ethenoadenosine triphosphate

8-azido-1,N(6)-ethenoadenosine triphosphate
(SY) 8-azido-1-EAT
(SY) etheno-8-azido-ATP
(HM) ETHENOADENOSINE TRIPHOSPHATE/*analogs
(HM) *AZIDES
(II) AFFINITY LABELS

3-azidoethidium
(RN) 74444-55-6
(RR) 74951-11-4 (chloride)
(SY) 3-azido-8-amino-5-ethyl-6-phenylphenanthridinium chloride
(HM) *AZIDES
(II) AFFINITY LABELS
(NO) RN given refers to parent cpd; structure given in first source

8-azidoethidium
(RN) 69498-50-6
(RR) 70080-86-3 (14C-labeled cpd)
(RR) 55216-41-6 (chloride)
(RR) 58880-05-0 (bromide)
(SY) ethidium monoazide
(SY) ethidium azide
(SY) 8-azido-3-amino-5-ethyl-6-phenylphenanthridinium chloride
(SY) n zide ethidium
(HM) *AZIDES
(II) AFFINITY LABELS
(NO) RN given refers to parent cpd

azidofibrate
(RN) 82054-49-7
(SY) ethyl 2-(4-azidophenoxy)-2-methylpropanoate
(HM) CLOFIBRATE/*analogs
(PA) ANTILIPEMIC AGENTS
(NO) structure given in first source

2-azidofluorene
(RN) 67823-52-3
(HM) *FLUORENES
(HM) *AZIDES
(II) AFFINITY LABELS
(NO) used as a photoaffinity label in chemical carcinogenesis studies

azidofluorescein diacetate
(RN) 77162-07-3
(SY) AZFD
(HM) *FLUORESCEINS
(II) INDICATORS AND REAGENTS
(NO) photolabeling reagent; structure given in first source

6-azido-3-(2-(4-(4-fluorobenzoyl)-1-piperidinyl)ethyl) -2,4(1H,3H)-quinazolinedione see 6-azidoketanserin

7-azido-3-(2-(4-(4-fluorobenzoyl)-1-piperidinyl)ethyl) -2,4-(1H,3H)-quinazolinedione see 7-azidoketanserin

7-azidofluphenazine
(RN) 83016-32-4
(HM) FLUPHENAZINE/*analogs
(HM) *AZIDES
(II) AFFINITY LABELS
(NO) structure given in first source

12-O-(azidoformyl)stearic acid methyl ester
(RN) 84979-89-5
(SY) AFSAM
(HM) *AZIDES
(II) AFFINITY LABELS

8-azidoguanosine-3',5'-diphosphate
(SY) 8-N(3)GDP
(HM) GUANOSINE DIPHOSPHATE/*analogs
(HM) *AZIDES
(II) AFFINITY LABELS

8-azidoguanosine triphosphate
(SY) 8-N(3)GTP
(HM) GUANOSINE TRIPHOSPHATE/*analogs
(HM) *AZIDES

6-N-(4-azido-2-hydroxy-3,5-diiodobenzoyl) glucosamine
(SY) 6-AHDG
(HM) *AZIDES
(HM) GLUCOSAMINE/*analogs
(II) AFFINITY LABELS
(NO) structure given in first source

5-azidoindole
(RN) 81524-74-5
(SY) 5-AZIN
(HM) *AZIDES
(II) AFFINITY LABELS

8-azidoinosine 5'-monophosphate
(RN) 74721-48-5
(SY) 8-azidoinosinic acid
(HM) *INOSINE MONOPHOSPHATE/analogs
(HM) *AZIDES
(II) AFFINITY LABELS

8-azidoinosinic acid see 8-azidoinosine 5'-monophosphate

1-azido-4-iodobenzene
(RN) 53694-87-4
(SY) 1-iodo-4-azidobenzene
(HM) *AZIDES
(II) INDICATORS AND REAGENTS
(NO) photosensitive hydrophobic probe; photolabeling agent

2-[4-(4-azido-3-iodobenzoyl)piperazin-1-yl]-4-amino-6,7-dimethoxyquinazoline see CP 65,526

4-azido-3-iodobenzylcarazolol
(RN) 83538-85-6
(SY) para-azido-m-iodobenzylcarazolol
(SY) pAIBC
(HM) *AZIDES
(HM) *PROPANOLAMINES
(II) AFFINITY LABELS
(NO) structure given in first source

azidoiodocalmodulin
(SY) azido(125-iodo)calmodulin
(HM) CALMODULIN/*analogs
(HM) *AZIDES
(II) AFFINITY LABELS

azido(125-iodo)calmodulin see azidoiodocalmodulin

4-azido-5-iodoclebopride
(SY)
4-azido-5-iodo-2-methoxy-N-(1-(phenylmethyl)-4-piperidinyl)benzamide
(HM) *BENZAMIDES
(HM) *AZIDES
(II) AFFINITY LABELS
(NO) photoaffinity label for dopamine receptor

4-azido-5-iodo-2-methoxy-N-(1-(phenylmethyl)-4-piperidinyl)benzamide see 4-azido-5-iodoclebopride

N-(4-azido-3-iodophenethyl)spiperone
(SY) N-(4-azido-3-iodophenethyl)spiroperidol
(SY) I-N3-NAPS
(HM) *AZIDES
(HM) *SPIROPERIDOL/analogs
(II) AFFINITY LABELS
(NO) structure given in first source

N-(4-azido-3-iodophenethyl)spiroperidol see N-(4-azido-3-iodophenethyl)spiperone

N-(4-(4-azido-3-iodophenylazo)benzoyl)-3- aminopropyl-N'-oxysulfosuccinimide ester
(SY) AIBAO ester
(HM) *AZIDES
(II) CROSS-LINKING REAGENTS
(NO) structure given in first source

6-azidoketanserin
(SY) 6-azido-3-(2-(4-(4-fluorobenzoyl)-1-piperidinyl) ethyl)-2,4(1H,3H)-quinazolinedione
(HM) *AZIDES
(HM) *PIPERIDINES
(II) AFFINITY LABELS
(NO) structure given in first source

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7-azidoketanserin
(RN) 95653-71-7
(SY) 7-azido-3-(2-(4-(4-fluorobenzoyl)-1-piperidinyl) ethyl)-2,4-(1H,3H)-quinazolinedione
(HM) *AZIDES
(HM) *PIPERIDINES
(II) AFFINITY LABELS
(NO) structure given in first source

azidometmyoglobin see metmyoglobin azide

azidomorphine
(RN) 22952-87-0
(RR) 52063-92-0 (tartrate[1:1](R-(R*,R*))-isomer)
(RR) 80251-39-4 (mono-HCl(5alpha,6beta)-isomer
(HM) *MORPHINE DERIVATIVES
(PA) ANALGESICS
(PA) ANALGESICS, ADDICTIVE
(NO) narcotic agonist, semisynthetic deriv of morphine; RN given refers to parent cpd(5alpha,6beta)-isomer; RN for parent cpd without isomeric designation not in Chemline 12/12/83

3-azido-2,7-naphthalene disulfonate
(RN) 70476-18-5
(SY) ANDS
(HM) *NAPHTHALENESULFONATES
(NO) used as a photochemical surface label; structure

5-azidonaphthoic acid
(SY) 5-AZNA
(HM) *AZIDES

3'-O-(5-azidonaphthoyl)adenosine diphosphate
(SY) ANA-ADP
(HM) *AZIDES
(HM) ADENOSINE DIPHOSPHATE/*analogs
(II) AFFINITY LABELS
(NO) structure given in first source

12-O-(5-azido-2-nitrobenzoylphorbol)-13- acetate
(SY) NABPA
(HM) *PHORBOL ESTERS
(HM) *AZIDES
(II) AFFINITY LABELS

4-azido-2-nitrocarbonylocyanide phenyl hydrazone
(SY) N3CCP
(HM) *CARBONYL CYANIDE M-CHLOROPHENYL HYDRAZONE/analogs
(II) UNCOUPLING AGENTS

2-azido-4-nitrophenol
(RN) 33354-58-4
(HM) *NITROPHENOLS
(II) UNCOUPLING AGENTS

12-(4-azido-2-nitrophenoxy) stearoylglucosamine
(RN) 67576-26-5
(RR) 70206-06-3 (14-C labeled cpd)
(HM) *AZIDES
(NO) used as photoreactive probe for glycolipids; RN given refers to unlabeled cpd

4-azido-2-nitrophenylaminoacetylmonoiodoapamin
(SY) ANPAA-apamin
(HM) *APAMIN/analogs
(HM) *AZIDES
(II) AFFINITY LABELS

3'-(4-(N-(4-azido-2-nitrophenyl)amino) butyryl)AMP
(SY) NAP4-AMP
(HM) *AZIDES
(II) FLUORESCENT DYES
(NO) photoactivable AMP derivative; structure given in first source

N-4-azido-2-nitrophenyl-4-aminobutyryl-NAD
(RN) 88255-98-5
(SY) NAP(4)-AdoNAD
(HM) NAD/*analogs
(HM) *AZIDES
(II) AFFINITY LABELS

N-(4-azido-2-nitrophenyl)-2-aminoethyl diphosphate
(SY) NANDP
(HM) *AZIDES
(II) AFFINITY LABELS

N-(4-azido-2-nitrophenyl)-2-aminoethylsulfonate see NAP taurine

6-(4'-azido-2'-nitrophenylamino)hexanoate see 6-(2-nitro-4-azidophenylamino)caproate

3'-O-(3-(N-(4-azido-2-nitrophenyl)amino) propionyl)adenosine-5'-triphosphate
(SY) arylazido-beta-alanyl-ATP
(SY) arylazido aminopropionyl adenosine triphosphate
(SY) ANAPP(3)
(HM) ADENOSINE TRIPHOSPHATE/*analogs
(HM) *AZIDES
(II) AFFINITY LABELS
(NO) structure

3'-O-(3-(N-(4-azido-2-nitrophenyl)amino) propionyl)-8-azidoadenosine 5'-triphosphate
(SY) ANPAPATP
(SY) di-N3-ATP
(SY) 3'-arylazido-8-azido ATP
(HM) ADENOSINE TRIPHOSPHATE/*analogs
(HM) *AZIDES
(II) CROSS-LINKING REAGENTS
(II) AFFINITY LABELS
(NO) structure given in first source

4-azido-3-nitrophenyl-azo-(5-hydroxytryptamine)
(RN) 83919-48-6
(SY) ANPAS
(SY) ANPA-5-HT
(HM) SEROTONIN/*analogs
(PA) SEROTONIN ANTAGONISTS
(NO) competetive, specific, reversible inhibitor of biogenic amine transporter

N-(4-azido-2-nitrophenyl)-N',N-biotinyl-3-aminopropyl) -N'-methyl-1,3-propanediamine see photobiotin

N-4-azido-2-nitrophenyl-gamma-aminobutyryl-ATP
(RN) 71096-59-8
(SY) NAP(4)-ATP
(SY) ANABP(3)
(HM) ADENOSINE TRIPHOSPHATE/*analogs
(HM) *AZIDES
(II) AFFINITY LABELS

N-(4-azido-2-nitrophenyl)glycyl hydrazide
(SY) 4-ANGH
(HM) *AZIDES
(II) AFFINITY LABELS
(NO) structure given in first source

4-azido-2-nitrophenyl phosphate
(RN) 74784-75-1
(HM) *AZIDES
(II) AFFINITY LABELS
(NO) photoaffinity deriv; structure given in first source

N-4-azido-2-nitrophenylpyridoxyl-5-phosphate
(SY) NANP
(HM) *AZIDES
(HM) PYRIDOXAL PHOSPHATE/*analogs
(NO) photolabeling reagent

4-azido-2-nitrophenyluridylyl pyrophosphate
(RN) 88159-20-0
(SY) ANUP
(HM) *AZIDES
(II) AFFINITY LABELS
(NO) photoaffinity UDP-galactose analog

13-(4-azido-Phe)-alpha-MSH see MSH, 13-(4-azido-Phe)alpha-

p-azidophenacyl bromide see 4-azidophenacyl bromide

4-azidophenacyl bromide
(RN) 57018-46-9
(SY) p-azidophenacyl bromide
(HM) *AZIDES
(NO) photolabile bifunctional reagent; bromide is an integral part of cpd; structure

5'-(((4-azidophenacyl)thio)phosphoryl) adenylyl(3'-5')uridine
(RN) 85977-19-1
(SY) N3RSPAPU
(HM) *AZIDES
(II) AFFINITY LABELS
(NO) structure & RN from first source; RN not in Chemline 10/83

3-azidophencyclidine
(SY) AZ-PCP
(SY) phencyclidine-3-azide
(SY) 1-(1-(3-azidophenyl)cyclohexyl)piperidine
(HM) PHENCYCLIDINE/*analogs
(HM) *AZIDES
(II) AFFINITY LABELS

4-azidophenylalanine(13)-alpha-melanotropin see MSH, 13-(4-azido-Phe)alpha-

13-(4-azidophenylalanine)-alpha-MSH see MSH, 13-(4-azido-Phe)alpha-

azidophenylalanine tRNA see tRNA, azidophenylalanine-

4-azidophenylalanine
(RN) 33173-53-4
(RR) 34670-43-4 (mono-HCl)
(SY) 4-azido-L-phenylalanine
(HM) PHENYLALANINE/*analogs
(HM) *AZIDES
(II) AFFINITY LABELS
(NO) RN given refers to (L)-isomer; cpd without isomeric designation not in Chemline 12/16/82

4-azido-L-phenylalanine see 4-azidophenylalanine

azidophenylalanyl tRNA see tRNA, azidophenylalanine-

12-(N(6)-(4-azidophenylamidino)lysine)glucagon see glucagon, 12-(N(6)-(4-azidophenylamidino)lysine)-

4-azidophenyl-beta-D-galactopyranoside see 4-azidophenylgalactoside

1-(1-(3-azidophenyl)cyclohexyl)piperidine see 3-azidophencyclidine

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3-((4-azidophenyl)dithio)propionic N-hydroxysuccinimide
(RN) 74676-98-5
(SY) 3-APDTPHS
(SY) SADP
(SY) succinimidyl(4-azidophenyldithio)propionate
(HM) *AZIDES
(II) CROSS-LINKING REAGENTS
(NO) cleavable photoactivable heterobifunctional reagent

4-azidophenylgalactoside
(RN) 51368-18-4
(SY) 4-azidophenyl-beta-D-galactopyranoside
(SY) 4-AZPG
(HM) *AZIDES
(PA) RICIN/antag

p-azidophenylglyoxal see 4-azidophenylglyoxal

4-azidophenylglyoxal
(RN) 65322-07-8
(SY) para-azidophenylglyoxal
(SY) p-azidophenylglyoxal
(HM) *PHENYLGLYOXAL/analogs
(HM) *AZIDES
(II) CROSS-LINKING REAGENTS
(NO) structure given in first source

N-((4-azidophenyl)thio)phthalimide
(RN) 74676-97-4
(SY) 4-APTP
(HM) *PHTHALIMIDES
(HM) *AZIDES
(NO) cleavable photoactivable heterobifunctional reagent

azido-Phe-tRNA see tRNA, azidophenylalanine-

azidopine
(RN) 90523-31-2
(HM) *AZIDES
(HM) *PYRIDINES
(II) AFFINITY LABELS
(NO) structure given in first source

p-azidopuromycin see 4-azidopuromycin

4-azidopuromycin
(RN) 67607-41-4
(SY) 6-dimethylamino-9-(3'-deoxy-3'-(p-azido-L-phenylalanylamino)-beta-D-ribofuranosyl)purine
(SY) p-azidopuromycin
(SY) para-azidopuromycin
(HM) PUROMYCIN/*analogs
(II) AFFINITY LABELS
(NO) structure

azidopyrimidine
(RN) 10597-58-7
(SY) SC-16102
(HM) *PYRIMIDINES
(PA) DIURETICS
(NO) structure

4-azidoretinol
(HM) *AZIDES
(HM) VITAMIN A/*analogs
(II) AFFINITY LABELS
(NO) structure given in first source

N-(4-azidosalicylamide)-1,2-bis(mannos-4'-yloxy)propyl-2-amine
(SY) ASA-BMPA
(HM) *DISACCHARIDES
(NO) has high affinity for human erythrocyte sugar transport system; structure given in first source

4-azidosalicylic acid N-hydroxysuccinimide ester
(SY) N-hydroxysuccinimidyl 4-azidosalicylate
(SY) NHS-ASA
(HM) *AZIDES
(HM) *SALICYLATES
(II) AFFINITY LABELS

3-azidosalicyl-N-(n-octadecyl)amide
(SY) AZSOA
(HM) *AZIDES
(II) AFFINITY LABELS
(NO) photoaffinity probe for antimycin binding site; structure given in first source

azidosemimethemerythrin
(SY) azidosemi-methemerythrin
(HM) *HEMERYTHRIN/analogs

azidosemi-methemerythrin see azidosemimethemerythrin

4-azidosulpiride
(SY) azidosulpride
(HM) *AZIDES
(HM) SULPIRIDE/*analogs
(II) AFFINITY LABELS
(NO) structure given in first source

azidosulpride see 4-azidosulpiride

7-azidotriflupromazine methiodide
(RN) 88122-33-2
(SY) 7-AZTPM
(HM) TRIFLUPROMAZINE/*analogs
(HM) *AZIDES
(II) AFFINITY LABELS
(NO) structure given in first source

5-azidotrimethisoquin
(SY) trimethisoquin azide
(HM) *ISOQUINOLINES
(HM) *AZIDES
(II) AFFINITY LABELS

azido-tRNA(Phe) see tRNA, azidophenylalanine-

Azimexon see BM 12531

2,2'-azino-di-(3-ethylbenzothiazoline)-(6)-sulfonic acid, ammonium salt see 2,2'-azino-di-(3-ethylbenzothiazoline)-6-sulfonic acid

2,2'-azino-di-(3-ethylbenzothiazoline)-6-sulfonic acid
(RN) 28752-68-3
(RR) 30931-67-0 (di-NH3 salt)
(SY) ABTS
(SY) 2,2'-azino-di-(3-ethylbenzothiazoline)-(6)-sulfonic acid, ammonium salt
(HM) *SULFONIC ACIDS
(II) INDICATORS AND REAGENTS
(NO) chromogen in glucose oxidase-peroxidase method for determining serum glucose; RN given refers to parent cpd; structure

azintamid
(RN) 1830-32-6
(SY) oragallin
(HM) *PYRIDAZINES
(NO) structure

5-AZIN see 5-azidoindole

azipranone see Ru 20201

aziridine
(RN) 151-56-4
(RR) 24151-28-8 (conjugate acid)
(SY) ethyleneimine
(SY) ethylenimine
(HM) *AZIRIDINES

aziridine dinitrobenzamide see CB 1954

aziridinylbenzoquinone see 2,5-bis(1-aziridinyl)-3,6-bis(2-methoxyethoxy)-4-benzoquinone

5-(1-aziridinyl)-2,4-dinitrobenzamide see CB 1954

5-aziridinyl-2,4-dinitrobenzamide see CB 1954

aziridinyl putrescine
(HM) PUTRESCINE/*analogs

aziridyl benzoquinone see 2,5-bis(1-aziridinyl)-3,6-bis(2-methoxyethoxy)-4-benzoquinone

5-AZNA see 5-azidonaphthoic acid

azoalbumin
(HM) *ALBUMINS
(NO) substrate to demonstrate inactivation of trypsin by Hymenolepis diminuta

azo analog I
(RN) 64192-56-9
(SY) U 51605
(SY) U-51605
(HM) *PROSTAGLANDINS H
(PA) PROSTAGLANDIN ANTAGONISTS
(II) PROSTAGLANDINS, SYNTHETIC
(NO) thromboxane synthase inhibitor; structure

azo analog II
(RN) 67901-99-9
(RR) 57712-08-0
((1R-(1alpha,4alpha,5beta(Z),6alpha(1E,3S*)))-isomer)
(SY) 1^{a}-hydroxy-9,11-azoprostanoid
(SY) (15S)-hydroxy-9 alpha,11 alpha-azoprosta-5Z,13E- dienoic acid
(SY) 9,11-azo-PGH2
(HM) *PROSTAGLANDINS H
(II) PROSTAGLANDINS, SYNTHETIC
(NO) RN given refers to cpd without isomeric designation; structure

azobenzene
(RN) 103-33-3
(RR) 85847-74-1 (T-labeled cpd)
(RR) 17082-12-1 ((E)-isomer)
(RR) 1080-16-6 ((Z)-isomer)
(HM) *AZO COMPOUNDS
(NO) photosensor molecule known to undergo reversible isomerization from trans to cis on illumination with photons of appropriate wavelength; RN given refers to cpd without isomeric designation; structure

azobenzenearsonate-N-acetyl-L-tyrosine
(RN) 39927-13-4
(SY) ABA-NAT
(HM) TYROSINE/*analogs
(HM) *P-AZOBENZENEARSONATE/analogs

azobenzene reductase
(RN) EC 1.6.6.7
(RR) 9029-31-6 (CRN)
(SY) DAB azoreductase
(SY) 4-dimethylaminoazobenzene reductase
(HM) *NADH, NADPH OXIDOREDUCTASES

p-azobenzenetrimethylammonium see 4-azobenzenetrimethylammonium

4-azobenzenetrimethylammonium
(RN) 21704-61-0
(SY) p-azophenyltrimethylammonium
(SY) p-azobenzenetrimethylammonium
(SY) para-azbenzenetrimethylammonium
(HM) *AMMONIUM COMPOUNDS

p-azobenzoate see 4-azobenzoate

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4-azobenzoate
(RN) 586-91-4
(SY) p-azobenzoate
(SY) para-azobenzoate
(HM) *AZO COMPOUNDS

1,1-azobisformamide
(RN) 123-77-3
(SY) azodicarbonamide
(HM) *AZO COMPOUNDS
(NO) structure

4,4'-azobis(phenol)
(RN) 2050-16-0
(SY) 4,4'-dihydroxyazobenzene
(HM) *AZO COMPOUNDS
(NO) isolated from fungus Agaricus xanthodermus; structure given in first source

azocasein
(HM) *CASEINS
(NO) induces amyloidosis in CBA strain mice; no other information available 8/25/80

Azocoll
(RN) 53092-90-3
(HM) *AZO COMPOUNDS
(HM) *COLLAGEN
(II) DYES
(NO) azo dye suspended in collagen of high purity

azocoll proteinase
(RN) EC 3.4.-
(HM) *PEPTIDE HYDROLASES
(HM) *AZO COMPOUNDS
(HM) *COLLAGEN
(NO) azocoll is used as a nonspecific substrate for proteolytic assays

azodicarbonamide see 1,1-azobisformamide

(7,7-azo-3,12-dihydroxy-5-cholan-24-oyl)- 2-aminoethanesulfonic acid
(RN) 72741-86-7
(SY) 7,7-azo-TC
(SY) 7-ADTC
(HM) *AZO COMPOUNDS
(II) AFFINITY LABELS
(NO) photolabile bile acid derivative

azodisalicylate
(RN) 6054-98-4
(RR) 6054-98-4 (di-Na salt)
(SY) disodium azodisalicylate
(SY) CJ-91B
(SY) sodium diazosalicylate
(SY) azodisal sodium
(HM) *AMINOSALICYLIC ACIDS
(NO) cpd with 2 salicylate molecules linked together by an azo bond; when given orally, liberates 5-aminosalicylic acid in colonic lumen; potential for treatment of ulcerative colitis; confusing synonym sodium diazosalicylate from letter in JAMA 1982;248(8):924; RN given refers to parent cpd

azodisal sodium see azodisalicylate

N-(4-azo-endo-tricyclo(5.2.1.0.(2.6))-decan-4-chloro-3-sulfamoylbenzamide see tripamide

azoferredoxin
(SY) dinitrogenase reductase
(HM) *FERREDOXINS
(NO) non-heme iron sulfur protein isolated from Clostridium pasteurianum & other bacteria; component of nitrogenase which is active in nitrogen fixation; minor descriptor (77-85); on-line & Index Medicus search FERREDOXINS (77-85)

azofloxin see red 2G

azolectin see asolectin

azomethane
(RN) 503-28-6
(HM) *AZO COMPOUNDS
(PA) CARCINOGENS
(NO) structure

azomethine compounds
(HM) *SCHIFF BASES

azomethylketoxime benzothiazole see benzothiazolyl-2-azomethylketoxime

2,2'-azomisonidazole
(RN) 78130-17-3
(HM) MISONIDAZOLE/*analogs
(NO) structure in first source

azomycin
(RN) 527-73-1
(RR) 81117-03-5 (mono-HF)
(RR) 79378-18-0 (Na salt)
(RR) 36877-68-6 (cpd with unspecified locant)
(SY) Ro-59129-001
(HM) NITROIMIDAZOLES
(PA) ANTIBIOTICS
(NO) RN given refers to parent cpd with specified locant; structure

azomycin riboside see 2-nitro-1-ribofuranosylimidazole

Azone see 1-dodecylazacycloheptan-2-one

azoniaspiro(3 alpha-benziloyloxynortropane-8,1'- pyrrolidine) chloride see trospium chloride

azoniaspiro compound XVII see trospium chloride

azonutril
(SY) azonutril 25
(HM) *AMINO ACIDS
(II) PARENTERAL FEEDING
(NO) amino acid soln for parenteral nutrition

azonutril 25 see azonutril

9,11-azo-PGH2 see azo analog II

p-azophenylphosphorylcholine see 4-azophenylphosphorylcholine

4-azophenylphosphorylcholine
(RN) 61114-50-9
(SY) p-azophenylphosphorylcholine
(SY) para-azophenylphosphorylcholine
(HM) PHOSPHORYLCHOLINE/*analogs

p-azophenyltrimethylammonium see 4-azobenzenetrimethylammonium

azophloxine see red 2G

azoprocarbazine
(RN) 2235-59-8
(SY) N-isopropyl-alpha-(2-methylazo)-p-toluamide
(HM) PROCARBAZINE/*analogs
(NO) oxidative metabolite of procarbazine

azoreductase
(RN) EC 1.6.-
(HM) *NADH, NADPH OXIDOREDUCTASES

azo rubin S
(RN) 13613-55-3
(RR) 3567-69-9 (di-Na salt)
(SY) carmoisine
(SY) acid red 2C
(HM) *NAPHTHALENESULFONATES
(II) DYES
(NO) RN given refers to parent cpd; structure

azosemid
(RN) 27589-33-9
(SY) Ple 1053
(SY) azosemide
(SY) 5-(4-chloro-5-sulfamyl-2-thienylaminophenyl) tetrazole
(SY) BM 02.001
(HM) *SULFANILAMIDES
(PA) DIURETICS, SULFAMYL
(NO) structure

azosemide see azosemid

7,7-azo-TC see (7,7-azo-3,12-dihydroxy-5-cholan-24-oyl)-2-aminoethanesulfonic acid

azotobactin
(HM) *PEPTIDES
(II) IRON CHELATES
(II) FLUORESCENT DYES
(NO) siderophore from Azotobacter vinelandii; structure given in first source

azotochelin
(SY) N,N'-bis(2,3-dihydroxybenzoyl)lysine
(SY) N,N'-bis(2,3-dihydroxybenzoyl)-L-lysine
(HM) LYSINE/*analogs
(II) IRON CHELATES
(NO) siderophore from Azotobacter vinelandii; structure given in first source

azotomycin
(RN) 7644-67-9
(RR) 55156-24-6 (Na salt)
(RR) 22204-48-4 (mono-Na salt)
(SY) diazomycin B
(SY) duazomycin B
(SY) NCS-56654
(SY) NCS 56654
(HM) AZO COMPOUNDS
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) minor descriptor (73-85); on-line & Index Medicus search AZO COMPOUNDS (73-85); RN given refers to all (L)-isomer; RN for cpd without isomeric designation not in Chemline 7/85

azoxybenzene see fenazox

2-azoxyfluorene
(RN) 15961-88-3
(SY) 2,2'-azoxyfluorene
(HM) *FLUORENES

2,2'-azoxyfluorene see 2-azoxyfluorene

2,2'-azoxymisonidazole
(RN) 78130-16-2
(HM) MISONIDAZOLE/*analogs
(NO) structure in first source

AZ-PCP see 3-azidophencyclidine

4-AZPG see 4-azidophenylgalactoside

AZQ see NSC 182986

AZSOA see 3-azidosalicyl-N-(n-octadecyl)amide

7-AZTPM see 7-azidotriflupromazine methiodide

Azulekeep see azulene

azulene
(RN) 275-51-4
(SY) cyclopentacycloheptene
(SY) Azulekeep
(HM) *CYCLOHEPTANES
(PA) ANTI-INFLAMMATORY AGENTS
(NO) reported to be anti-inflammatory principle of Matricaria; structure

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azulene SN
(RN) 28802-61-1
(RR) 36905-16-5 (Na salt)
(SY) hachi-azule N
(SY) sodium guaiazulene sulfonate
(SY) guaiazulene sulfonic acid
(HM) *SESQUITERPENES
(PA) ANTI-INFECTIVE AGENTS
(NO) RN given refers to parent cpd

azulon see guaiazulene

Azure A
(RN) 531-53-3
(RR) 71431-91-9 (bromide)
(SY) 7-(dimethylamino)-3-imino-3H-phenothiazine hydrochloride
(HM) *AZURE STAINS
(II) STAINS AND STAINING
(NO) RN given refers to chloride; parent cpd not in Chemline 12/16/82

Azure B
(RN) 531-55-5
(HM) *AZURE STAINS
(II) STAINS AND STAINING
(NO) RN given refers to chloride

Azure C
(RN) 531-57-7
(HM) *AZURE STAINS
(II) STAINS AND STAINING
(NO) RN given refers to chloride; parent cpd not in Chemline 7/85

A 1079
(SY) A-1079
(HM) *NARCOTICS
(PA) ANALGESICS, ADDICTIVE
(NO) Russian drug; no other info available

A-1079 see A 1079

A-12 see compound A 12

A 130 see A-130A

A-130 see A-130A

A-130A
(RN) 51257-84-2
(RR) 58399-45-4 (mono-Ag(+1) salt)
(RR) 58399-44-3 (mono-Na salt)
(RR) 58339-29-0 (antibiotic A 130(Na salt))
(SY) Ro 21-6150
(SY) A-130
(SY) lenoremycin
(SY) A 130
(HM) *ETHERS
(II) IONOPHORES
(NO) polycyclic, polyether cpd belonging to nigericin group of antibiotics produced by Streptomyces hygroscopicus, strain; RN given refers to (11(2R,5S,6R)12R)-isomer; structure in second source

A-134-U see 2,6-diamino-9-(2-hydroxyethoxymethyl)purine

A134U see 2,6-diamino-9-(2-hydroxyethoxymethyl)purine

A-13-61585 see A 13-61585

A 13-61585
(RN) 13687-09-7
(SY) A13-61585
(SY) P,P-bis(1-aziridinyl)-N-methylphosphinothioic amide
(SY) bisazir
(SY) ENT-61585
(SY) A-13-61585
(HM) *AZIRIDINES
(II) CHEMOSTERILANTS
(NO) effects male sterility in Anopheles albimanus mosquitoes

A13-61585 see A 13-61585

A 145 see A-145

A-145
(RN) 54805-04-8
(SY) N-ethylcarbaminomethyl-L-isoleucine
(SY) A 145
(HM) ISOLEUCINE/*analogs
(PA) ANTINEOPLASTIC AGENTS
(NO) antileukemic agent; do not confuse with A 145, synonym for promazine

A 16686
(SY) A-16686
(SY) antibiotic 16686
(HM) GLYCOPEPTIDES
(PA) ANTIBIOTICS
(NO) from Actinoplanes sp. ATCC 33076; complex of three closely-related polypeptides containing chlorinated phenyl moieties & mannose

A-16686 see A 16686

A 16886B see cephamycin C

A-16886B see cephamycin C

A16886B see cephamycin C

A 19
(RN) 85854-32-6
(SY) A-19
(HM) *ANTIBIOTICS, ANTIFUNGAL

A-19 see A 19

A-19009 see antibiotic A 19009

A2C see A(2)C

A(2)C
(RN) 54050-62-3
(SY) membrane mobility agent A(2)C
(SY) 2-(2-methoxy)ethoxyethyl-8-(2-n-octylcyclopropyl)octanoate
(SY) A2C reagent
(SY) A2C
(HM) *STEARATES

A2'p5'A2'p5'A see adenylyl-(2'-5')-adenylyl-(2'-5')adenosine

A201A see A 201A

A 201A
(SY) A-201A
(SY) A201A
(HM) NUCLEOSIDES
(PA) ANTIBIOTICS
(NO) from Streptomyces capreolus; structure given in first source

A-201A see A 201A

A 20668 see leucinostatin A

A-214 see fenflumizole

A 2174 see ketocaine

A 218 see lonomycin

A 21978C1
(SY) A-21978C1
(HM) PEPTIDES, CYCLIC
(PA) ANTIBIOTICS
(NO) structure given in first source

A-21978C1 see A 21978C1

A-(222) see cryptating agent 222

A-23189 see alaproclate

A 23189 see alaproclate

A 2337 see ketocaine

A23871 see efrapeptin

A 23871 see efrapeptin

A2'-5'A see adenylyl-(2'-5')-adenosine

A2'-5'A2'-5'A see adenylyl-(2'-5')-adenylyl-(2'-5')adenosine

A 25794 see A-25794

A-25794
(RN) 22198-93-2
(SY) PS 2747
(SY) A 25794
(HM) *CINNAMATES
(PA) ANTIDEPRESSIVE AGENTS

A-25822B see A25822B

A25822B
(RN) 50686-98-1
(RR) 74608-58-5 ((3beta)-isomer)
(SY) 15-azasterol
(SY) homoazasterol
(SY) 15-aza-24-methylene-8,14-cholestadiene-3 beta-ol
(SY) 15-aza-24-methylene-D-homocholestadienol
(SY) A-25822B
(HM) CHOLESTADIENOLS
(PA) ANTIBIOTICS, ANTIFUNGAL
(PA) ANTIFUNGAL AGENTS
(NO) RN given refers to (3beta,5alpha)-isomer; RN for cpd without isomeric designation not in Chemline 12/14/83; structure

A-26771A see hyalodendrin

A 26771 A see hyalodendrin

A3 see etoclofene

A32390A
(RN) 61241-59-6
(SY) A-32390A
(HM) MANNITOL/*analogs
(PA) DOPAMINE BETA-HYDROXYLASE/antag
(NO) structure

A-32390A see A32390A

A 336
(RN) 85369-28-4
(SY) A-336
(SY) N-(9H-fluoren-9-ylacetyl)-S-methylcysteine
(HM) *FLUORENES
(HM) CYSTEINE/*analogs
(PA) ANTIVIRAL AGENTS
(NO) structure given in first source

A-336 see A 336

A-338 see A 338

A 338
(RN) 79189-73-4
(SY) N-(9H-fluoren-9-ylacetyl)tryptophan
(SY) A-338
(HM) *FLUORENES
(HM) TRYPTOPHAN/*analogs
(PA) ANTIVIRAL AGENTS
(NO) structure given in first source

A33853 see A 33853

A 33853
(SY) A-33853
(SY) A33853
(HM) BENZOXAZOLES
(PA) ANTIBIOTICS
(NO) isolated from culture broth of Streptomyces sp., NRRL 12068; structure in first source

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A-33853 see A 33853

A35512A see A35512 antibiotic complex

A35512B see A35512 antibiotic complex

A35512C see A35512 antibiotic complex

A35512E see A35512 antibiotic complex

A35512H see A35512 antibiotic complex

A 38503 see eticlopride

A41030 see A 41030

A 41030
(SY) A-41030
(SY) A41030
(HM) GLYCOPEPTIDES
(PA) ANTIBIOTICS
(NO) complex of novel glycopeptide antibiotics produced by a culture isolated from soil

A-41030 see A 41030

A-43818 see leuprolide

A 43818 see leuprolide

A 489 see
3'-deamino-3'-(3-cyano-4-morpholinyl)doxorubicin

A-489 see
3'-deamino-3'-(3-cyano-4-morpholinyl)doxorubicin

A49759 see 3-O-demethylfortimicin A

A55453 see A 55453

A 55453
(RN) 89687-06-9
(RR) 89780-61-0 ((125I)-labeled cpd)
(SY) A-55453
(SY) A55453
(SY) 4-amino-6,7-dimethoxy-2-(4'-(5''-(3'''-((125)I-iodo-4'''-aminophenyl)pentanoyl)-1'-piperazinyl) quinazoline
(SY) (125)I-A55453
(HM) PRAZOSIN/*analogs
(II) AFFINITY LABELS
(II) IODINE RADIOISOTOPES
(NO) RN given refers to parent cpd; structure given in first source

A-55453 see A 55453

A 5610 see azelastine

A-5610 see azelastine

A 585 see suctosilic acid

A-585 see suctosilic acid

A-643C see A 643C

A 643C
(RN) 65822-42-6
(SY) A643C
(SY) A-643C
(SY) 2-amino-N-(1,1-dimethylhexyl)acetamide
(HM) *ACETAMIDES
(PA) ANTIDEPRESSIVE AGENTS
(NO) structure given in first source

A643C see A 643C

A 6599 see turimycin

A(7)U(7)p
(RN) 90599-30-7
(HM) *OLIGORIBONUCLEOTIDES
(NO) RN given from first source; RN not in Chemline 9/85

A-723U see compound A723U

A-73025 see A73025

A73025
(RN) 64082-61-7
(SY) glycosaminoglycan polysulphate
(SY) sulfated glycosaminoglycan
(SY) A-73025
(SY) glycosaminoglycan polysulfate
(HM) *GLYCOSAMINOGLYCANS
(NO) has heparin-like activity

A 9145 see sinefungin

A9145C
(RN) 66753-47-7
(SY) A-9145C
(HM) ADENOSINE/analogs
(PA) ANTIBIOTICS, ANTIFUNGAL
(NO) RNA methylases inhibitor

A-9145C see A9145C

A-9291-I see A 9291 tremerogens

N-BAA see N-alpha-benzoylargininеamide

BAADBP see 2-(4-bromoacetamido)anilino-2-deoxypentitol 1,5- biphosphate

BAADGGG see benzyl
2-acetamido-3-O-(3-O-(2-acetamido-2-deoxy-beta glucopyranosyl)-beta galactopyranosyl)-2-deoxy-alpha galactopyranoside

BAAHS see 1012-S-acetamide adipic hydrazide Sepharose 4B

BAAPBP see 2-bromoacetylaminopentitol 1,5-bispnosphate

BAB benzomorphan see
2-(2-(4-bromoacetamidophenyl)ethyl)-5,9 alpha-dimethyl-2'-hydroxy-6,7-benzomorphan

BABIM see bis(5-amidino-2-benzimidazolyl)methane

Ba 253Br see oxitropium

Ba-253Br see oxitropium

Ba-598Br see Ba 598

BAB-TATA see 6-(4-bromoacetamidobenzyl)-1,4,8,11-tetraazacyclotetradecane-N,N',N'',N'''-tetraacetic acid

bacampicillin
(RN) 50972-17-3
(RR) 37661-08-8 (mono-HCl)
(SY) carampicillin
(SY) ethoxycarbonyloxyethyl ester of ampicillin
(SY) bacampicine
(HM) AMPICILLIN/*analogs
(NO) hydrolyzable ester of ampicillin; RN given refers to parent cpd; structure

bacampicine see bacampicillin

bacillin see bacilysin

bacillomycin D
(RN) 76012-17-4
(HM) PEPTIDES, CYCLIC
(PA) ANTIBIOTICS
(NO) from strain of Bacillus subtilis; contains lipid moiety which is mixture of
3-amino-12-methyltridecanoic acid (40%) &
3-amino-12-methyltetradecanoic acid (60%) & peptide moiety: L-Asp(1), L-Glu(1), L-Pro(1), D-Ser(1), L-Thr(1) & D-Tyr(1); two moieties joined by threonyl beta-aminoacid linkage; see also bacillomycin L & bacillomycin S

bacillomycine L see bacillomycin L

bacillomycin F
(RN) 81689-97-6
(HM) PEPTIDES, CYCLIC
(PA) ANTIBIOTICS, ANTIFUNGAL
(NO) belong to iturin group; isolated from Bacillus subtilis

bacillomycin L
(RN) 64052-26-2
(SY) bacillomycine L
(HM) PEPTIDES, CYCLIC
(PA) ANTIBIOTICS, ANTIFUNGAL
(NO) structure

bacillopeptidase F
(RN) EC 3.4.21.-
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) acidic serine endopeptidase from Bacillus subtilis 168

Bacillus amyloliquefaciens ribonuclease
(RN) EC 3.1.4.-
(SY) barnase
(HM) *RIBONUCLEASES

bacillus anthracis calmodulin-dependent adenylate cyclase see anthrax toxin

Bacillus cereus enterotoxin see enterotoxin, Bacillus cereus

Bacillus laterosporus larval toxin see larval toxin, Bacillus

Bacillus macerans amylase see cyclomaltodextrin glucanotransferase

Bacillus megaterium spore-coat protein see Bacillus spore-specific proteins

Bacillus megaterium spore protein B see Bacillus spore-specific proteins

Bacillus sphaericus endopeptidase I see gamma-D-glutamyl-meso-diaminopimelate endopeptidase

Bacillus sphaericus endopeptidase II see gamma-D-glutamyl-L-diaminoacid endopeptidase

Bacillus spore-specific protein see Bacillus spore-specific proteins

Bacillus spore-specific proteins
(SY) spore-specific protein A, Bacillus megaterium
(SY) SSPABM
(SY) spore-specific protein C, Bacillus megaterium
(SY) SSPCBM
(SY) Bacillus megaterium spore protein B
(SY) BM spore protein B
(SY) Bacillus subtilis spore proteins
(SY) Bacillus megaterium spore-coat protein
(SY) Bacillus spore-specific protein
(HM) *BACTERIAL PROTEINS
(II) SPORES, BACTERIAL

Bacillus stearothermophilus DNA-binding protein II see DNA-binding proteins II

Bacillus subtilis bacteriophage phi 29 terminal protein
(SY) BS phi 29 terminal protein
(SY) phi 29 terminal protein
(HM) *VIRAL PROTEINS
(II) BACTERIOPHAGES
(NO) phi 29 DNA-terminal protein serves as primer for initiation of DNA replication by covalentyl binding to first nucleotide in DNA chain

Bacillus subtilis metalloproteinase see metalloproteinases

Bacillus subtilis spore proteins see Bacillus spore-specific proteins

bacillus subtilus protein BL16 see ribosomal protein BL16

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Bacillus thuringiensis crystal protein
(SY) BTCP
(SY) crystal protein
(HM) *BACTERIAL PROTEINS

Bacillus thuringiensis protoxin
(SY) protoxin B thuringiensis
(HM) *BACTERIAL TOXINS
(HM) *PROTEIN PRECURSORS
(PA) INSECTICIDES
(II) BACILLUS THURINGIENSIS
(II) PEST CONTROL, BIOLOGICAL
(NO) entomocidal

bacilysin
(RN) 1395-22-8
(SY) tetaine
(SY) KM-208
(SY) bacillin
(SY) Ala-(2,3-epoxycyclohexanone-4)-Ala
(SY) KM 208
(HM) DIPEPTIDES
(PA) ANTIBIOTICS
(NO) structure

BAC-insulin see
N(alphaB1)-(biotinyl-epsilon-aminocaproyl)insulin

bacitracin A
(RN) 22601-59-8
(HM) BACITRACIN/*analogs
(NO) cyclic dodecapeptide antibiotic from Bacillus licheniformis; structure in Merck Index, 9th ed, #942

bacitracin F
(RN) 22601-63-4
(HM) BACITRACIN/*analogs

bacitracin-sepharose complex
(SY) Bac-Seph
(HM) *BACITRACIN
(HM) *SEPHAROSE
(II) AFFINITY LABELS
(NO) efficient ligand for affinity chromatography of aspartyl, serine & metalloproteinases

bacitracin synthetase
(RN) EC 6.3.2.-
(HM) *PEPTIDE SYNTHETASES
(HM) *MULTIENZYME COMPLEXES
(NO) amino acids are activated through formation of aminoacyladenylates & then transferred to thioester sites before polymerization on the enzyme

baclofen receptor
(SY) baclofen receptors
(SY) receptor, baclofen
(HM) *RECEPTORS, GABA-BENZODIAZEPINE

baclofen receptors see baclofen receptor

BaCl2 see barium chloride

bacmecillinam
(RN) 50846-45-2
(RR) 76996-24-2 (unspecified HCl)
(HM) AMDINOCILLIN/*analogs
(NO) RN given refers to parent cpd

M-BACOD
(SY) MBACOD
(HM) METHOTREXATE
(HM) CITROVORUM FACTOR
(HM) BLEOMYCINS
(HM) DOXORUBICIN
(HM) CYCLOPHOSPHAMIDE
(HM) VINCRISTINE
(HM) DEXAMETHASONE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

BACON
(HM) BLEOMYCINS
(HM) DOXORUBICIN
(HM) LOMUSTINE
(HM) VINCRISTINE
(HM) MECHLORETHAMINE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above 5 cpds

BACOP see CHOP-B

BACP see benzyl-(1-amino-3-chloro-2-propanol)

BACPMI see
5-(benzoylamino)-N-(4-chlorophenyl)-3-methyl-4-isothiazolecarboxamide

Bac R(I) see staphylococcin

Bac-Seph see bacitracin-sepharose complex

BACT
(HM) THIOGUANINE
(HM) CYCLOPHOSPHAMIDE
(HM) CYTARABINE
(HM) CARMUSTINE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above four cpds

bactacine see xibornol

bacterial O antigen see O antigen, bacterial

bacterial envelope proteins
(SY) envelope proteins, bacterial
(SY) HM-1 protein
(HM) *BACTERIAL PROTEINS
(NO) if from gram-negative bacteria consider also BACTERIAL OUTER MEMBRANE PROTEINS

bacterial fusion proteins
(HM) *BACTERIAL PROTEINS
(II) BACTERIAL OUTER MEMBRANE PROTEINS

Bacterial neutral protease see dispase

bactericidal permeability increasing protein
(SY) BPI protein
(SY) antimicrobial cationic granule protein
(HM) *BLOOD PROTEINS
(II) BLOOD BACTERICIDAL ACTIVITY
(II) NEUTROPHILS
(II) PERMEABILITY
(NO) from rabbit polymorphonuclear leukocytes; cationic bactericidal protein which increases envelope permeability of susceptible gram-negative bacteria

bacteriochlorophyll A proteins
(HM) *BACTERIAL PROTEINS

bacteriocuprein
(HM) *SUPEROXIDE DISMUTASE
(NO) classified with CuZn-superoxide dismutase; no other information available 7/17/81

bacterioferritin
(HM) *FERRITIN
(II) BACTERIAL PROTEINS
(NO) two kinds found in E coli

bacterio-opsin
(RN) 54577-62-7
(SY) haloopsin
(HM) *BACTERIORHODOPSIN

bacteriophage fd gene II-protein see gene proteins, viral

bacteriophage f1 gene II protein see gene proteins, viral

bacteriophage F1 gene V protein see gene proteins, viral

bacteriophage lambda protein cII see protein cII

bacteriophage lambda protein O see O protein

bacteriophage lambda protein P see P protein

bacteriophage A protein see gene proteins, viral

bacteriophage G4 A protein see gene proteins, viral

bacteriophage T7 0.3 protein
(SY) phage T7 0.3 protein
(HM) *VIRAL PROTEINS
(II) T-PHAGES
(NO) purified protein; used to accurately quantitate in vivo errors in protein synthesis

bacteriophage P1 recombinase Cre see Cre recombinase

bacteriopheophytin
(RN) 17453-58-6
(HM) *PHEOPHYTINS
(II) BACTERIA
(NO) pigment which is the degradation product of bacteriochlorophyll; structure

bacteriorhodopsin precursor
(HM) *PROTEIN PRECURSORS
(HM) *BACTERIORHODOPSIN
(NO) synthesized & accumulated by Halobacterium halobium spheroplasts; contains 13 additional amino acids at the NH2 terminus of bacteriorhodopsin

bacterioruberin
(RN) 32719-43-0
(HM) *CAROTENOIDS
(II) PIGMENTS
(NO) C(50) carotenoid pigment; structure

bacterioviridin
(RN) 53986-51-9
(HM) *BACTERIAL PROTEINS
(II) PIGMENTS
(II) BACTERIOCHLOROPHYLLS

Bactifor see Bactrim

B5 activation antigen see differentiation antigens, B-lymphocyte

B-activin
(HM) *PEPTIDES
(II) ADJUVANTS, IMMUNOLOGIC
(II) BONE MARROW
(NO) peptides from bone marrow cells which stimulate B-immune system

bactobilin
(RN) 86829-00-7
(SY) Bactobilin
(HM) *PORPHYRINS
(II) PIGMENTS
(II) CLOSTRIDIUM
(NO) uroporphyrin-related blue bile pigment from Clostridium tetanomorphum with 4 acetic & 4 propionic acid side chains

Bactobilin see bactobilin

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bactobolin
(RN) 72615-20-4
(RR) 77503-67-4 (HCl(S*)-isomer)
(RR) 73543-68-7 (HCl(R*)-isomer)
(RR) 77029-53-9 (former CAS registry number)
(SY) (3S,4R,4aR,5R,6R)-4-(L-alanylamino)-3-(dichloromethyl)-3,4,4a,5,6,7-hexahydro-5,6,8-trihydroxy-3-methyl-1H-2-oxa-1-naphthalenone
(SY) Y 12278
(SY) Y-12278
(SY) BN-183B
(SY) antibiotic BN 183B
(SY) BN 183B
(HM) BENZOPYRANS
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) from Pseudomonas sp. BN-183; has MF C14-H20-Cl2-N2-O6; RN given refers to parent cpd(R*)-isomer; RN for parent cpd without isomeric designation not in Chemline 12/15/83

Bactofen see Bradophen

Bacto-peptone
(HM) *PEPTONES
(NO) protein test meal

Bactrim
(RN) 8064-90-2
(SY) Abactrim
(SY) Septrin
(SY) co-trimoxazole
(SY) biseptol
(SY) Drylin
(SY) sumetrolim
(SY) sulprim
(SY) cotrimoxazole
(SY) eusaprim
(SY) trimethoprim-sulfamethoxazole
(SY) Centran
(SY) Centrin
(SY) Bactifor
(SY) Eslectin
(SY) Lescot
(SY) Insozalin
(SY) Metomide
(SY) Trimosulfa
(SY) Biseptol-480
(SY) trimedin
(SY) trimezole
(HM) *SULFAMETHOXAZOLE
(HM) *TRIMETHOPRIM
(HM) DRUG COMBINATIONS
(PA) ANTI-INFECTIVE AGENTS, URINARY
(PA) ANTIMALARIALS
(PA) ANTI-INFECTIVE AGENTS
(II) TOXOPLASMOSIS/drug ther
(NO) contains sulfamethoxazole and trimethoprim; do not confuse with Centrin or Centrine (UD 18:104a), which are synonyms to aspirin & aminopentamide respectively

5-BACU see 5-benzylacyclouridine

5-BADA see 5'-bromoacetamido-5'-deoxyadenosine

BADFG see benzyl 2-acetamido-2-deoxy-3-O-beta fucopyranosyl- alpha-galactopyranoside

BADG see 10-N-(bromoacetyl)amino-1-decylglucopyranoside

BADGFG see benzyl 2-acetamido-6-O-(2-acetamido-2-deoxy-beta glucopyranosyl)-2-deoxy-3-O-beta fucopyranosyl-alpha galactopyranoside

BADGH see benzylaminododecylguanine

anti-BA-8,9-diol 10,11-oxide see 8,9-dihydro-8,9-dihydroxybenzanthracene 10,11-oxide

BADPP see actin depolymerizing proteins

BADS see benzoylamido-4'-aminostilbene-2,2'-disulfonate

BAEE see benzoylarginine ethyl ester

BAEE esterase see benzoylarginine ethyl esterase

2-BAE see 2-(biotinylamido)ethanol

bafilomycin A1
(RN) 88899-55-2
(HM) LACTONES
(PA) ANTIBIOTICS
(PA) ANTIBIOTICS, ANTIFUNGAL
(NO) from Streptomyces griseus; structure given in first source

bagasse
(RN) 9006-97-7
(HM) *PLANT EXTRACTS
(II) CYTOTOXINS
(NO) bagasse is fibrous residue of sugarcane after juice extraction; used as substitute for wood pulp in paper manufacturing, hard board manufacturing, acoustic, thermal insulation & as inferior class of fertilizer; inhalation of fine bagassse fibers causes bagassosis

Bagshawe modified regime see PVB

baicalein
(RN) 491-67-8
(HM) *FLAVONES
(II) ASTRINGENTS
(NO) structure

baicalein phosphate
(RN) 23615-79-4
(SY) disodium baicalein phosphate
(HM) *FLAVONES
(NO) effects airway secretion in anaphylactic shockRN given refers to di-Na salt; RN for parent cpd not in Chemline 12/22/83; structure

baicalin
(RN) 21967-41-9
(HM) *BIOFLAVONOIDS
(PA) ANTI-INFECTIVE AGENTS
(II) PLANT EXTRACTS
(NO) main chemical component of Chinese medicinal herb Huang-chin (Scutellaria baicalensis)

baimuxiangic acid
(RN) 84210-00-4
(SY) baimuxinic acid
(HM) *SESQUITERPENES
(PA) TRANQUILIZING AGENTS
(II) PLANTS, MEDICINAL
(NO) from Chinese plant Aquilaria sinensis (Lour.) Gilg; RN given refers to (2alpha,5beta(R*))-isomer; RN for cpd without isomeric designation not in Chemline 8/84; structure given in first source

baimuxinal
(RN) 86408-21-1
(HM) *SESQUITERPENES
(II) PLANTS, MEDICINAL
(NO) sesquiterpene from Chinese plant Aquilaria sinensis (Lour.) Gilg; structure given in first source

baimuxinic acid see baimuxiangic acid

Bak(a) antigen see platelet specific antigen Bak(a)

bakelite
(RN) 9012-45-7
(HM) *PLASTICS
(NO) structure

Baker's Antifolate see triazinate

Baker's Antifol see triazinate

Baker's cocktail see Baker's mixture

Baker's mixture
(SY) Baker's cocktail
(HM) *MORPHINE
(HM) *COCAINE
(HM) *HYDROXYZINE
(HM) *CIMETIDINE
(HM) *ANTACIDS
(HM) DRUG COMBINATIONS
(PA) ANALGESICS, ADDICTIVE
(NO) combination of above cpds & maalox used in therapy of intractable pain

bakuchiol
(RN) 10309-37-2
(HM) *PHENOLS
(PA) ANTI-INFECTIVE AGENTS
(NO) chief component of Psoralea corylifolia Linn; structure

balagrin
(RN) 71330-43-3
(HM) *TOLUIDINES
(HM) *XYLENES
(PA) HERBICIDES
(NO) 20% benfluralin & xylene; formulated in Bulgaria

Balan see benefin

Balancid
(RN) 64721-20-6
(SY) novaluzid
(HM) *MAGNESIUM
(HM) *ALUMINUM HYDROXIDE
(HM) *MAGNESIUM HYDROXIDE
(HM) DRUG COMBINATIONS
(PA) ANTACIDS
(NO) antacid suspension; consists of magnesium carbonate, aluminum hydroxide & magnesium hydroxide

balenine see N-beta-alanyl-1-methyl-histidine

ballistol
(HM) *OILS
(NO) weapon oil

BAL 31 nuclease
(RN) EC 3.1.-
(HM) *ENDODEOXYRIBONUCLEASES
(NO) recognizes & cleaves salt-induced conformational junction left-handed Z-DNA & right-handed B-DNA; also has some exonuclease activity

balsalazide
(RN) 82101-18-6
(SY) 5-(carboxyethylcarbamoyl-4-phenylazo)salicylic acid
(HM) *AMINOSALICYLIC ACIDS
(NO) designed to release 5-aminosalicylic acid in colon for colitis therapy; structure given in first source

Baltix see clofedanol

BAM-CYP see N-(bromoacetylamino)cyanopindolol

BAME see benzoyl L-arginine methyl ester

Bam I endonuclease see endodeoxyribonuclease BamHI

BamHI DNA methylase see DNA modification methylase BamHI

BamHI endonuclease see endodeoxyribonuclease BamHI

BamHI methylase see DNA modification methylase BamHI

BamI endonuclease see endodeoxyribonuclease BamHI

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bamifylline
(RN) 2016-63-9
(RR) 20684-06-4 (mono-HCl)
(RR) 3736-86-5 (unspecified HCl)
(SY) benzetamophylline
(SY) trentadil
(HM) THEOPHYLLINE/*analogs
(PA) VASODILATOR AGENTS
(PA) BRONCHODILATOR AGENTS
(NO) RN given refers to parent cpd; structure

BAM-12P see BAM 12P

BAM 12P
(RN) 75513-71-2
(SY) enkephalin-Met, Arg(6)-Arg(7)-Val(8)-Gly(9)-Arg (10)-Pro(11)-Glu(12)-
(SY) methionine enkephalin-6,7-arginyl-8-valyl-9-glycyl-10-arginyl-11-prolyl-12-glutamic acid
(SY) BAM-12P
(HM) ENKEPHALIN, METHIONINE/*analogs
(HM) *PROTEIN PRECURSORS
(NO) Pro-Met-enkephalin precursor; isolated from bovine adrenal medulla; dodecapeptide Tyr-Gly-Gly-Phe-Met-Arg-Arg-Val-Gly-Arg-Pro-Glu

BAM-22P see BAM 22P

BAM 22P
(RN) 76622-26-9
(SY) Met-enkephalin-Arg-Arg-Val-Gly-Arg-Pro-Glu-Trp-Trp-Met-Asp-Tyr-Gln-Lys-Arg-Tyr-Gly
(SY) BAM-22P
(HM) ENKEPHALIN, METHIONINE/*analogs
(HM) *PROTEIN PRECURSORS
(NO) docosapeptide which yields (Arg(6))-Met-enkephalin upon trypsinization; purified from bovine adrenal medulla

BANA-hydrolyzing enzyme see benzoyl arginine-beta-naphthylamidase

Bandeiraea simplicifolia lectin
(SY) Bandeira lectin
(SY) Bandeira lectin I
(SY) Bandeira lectin II
(HM) *LECTINS

Bandeira lectin see Bandeiraea simplicifolia lectin

Bandeira lectin I see Bandeiraea simplicifolia lectin

Bandeira lectin II see Bandeiraea simplicifolia lectin

band 4.5 polypeptide see nucleoside transporter

band 2 protein see platelet protein P235

band 2.1 protein
(SY) band 2(1) protein
(SY) protein 2.1
(SY) erythrocyte band 2.1
(HM) *BLOOD PROTEINS
(II) ERYTHROCYTE MEMBRANE
(II) MEMBRANE PROTEINS
(NO) connects erythrocyte spectrin to the NH2-terminal cytoplasmic domain of band 3; MW 210,000

band 2(1) protein see band 2.1 protein

band 4(1) protein see band 4.1 protein

band 4.1 protein
(SY) erythrocyte membrane band 4.1
(SY) band 4(1) protein
(SY) protein 4.1
(HM) *BLOOD PROTEINS
(II) ERYTHROCYTE MEMBRANE
(II) MEMBRANE PROTEINS
(NO) extrinsic membrane/cytoskeletal protein which binds spectrin & actin

band 4.2 protein
(SY) erythrocyte membrane band 4.2 protein
(SY) protein band 4.2
(HM) *BLOOD PROTEINS
(II) ERYTHROCYTE MEMBRANE
(II) MEMBRANE PROTEINS
(NO) mercuric & cadmium ions stimulate its phosphorylation

band 4.5 protein see nucleoside transporter

band 4(9) protein see band 4.9 protein

band 4.9 protein
(SY) erythrocyte membrane band 4.9 protein
(SY) band 4(9) protein
(SY) protein band 4.9
(HM) *BLOOD PROTEINS
(II) ERYTHROCYTE MEMBRANE
(II) MEMBRANE PROTEINS
(NO) 48,000 MW protein from human erythrocyte membrene; actin-bundling protein

band 7 protein
(SY) erythrocyte membrane band 7 protein
(HM) *BLOOD PROTEINS
(II) MEMBRANE PROTEINS
(II) ERYTHROCYTE MEMBRANE
(NO) erythrocyte membrane protein missing in patients with Na & K membrane permeability disorders

band 8 protein
(SY) erythrocyte membrane band 8 protein
(HM) *BLOOD PROTEINS
(II) MEMBRANE PROTEINS
(II) ERYTHROCYTE MEMBRANE
(II) CALCIUM-BINDING PROTEINS
(NO) MW 68,000 tetramer

banistyl see fonazine

Banol see carbanolate

ban protein
(SY) P lban protein
(HM) *VIRAL PROTEINS
(II) BACTERIAL PROTEINS
(NO) dnaB-analog; during P1 infection of an E coli dnaB mutant; synthesis of ban protein enables the phage to grow

B-L antigen see Ia-like antigens, avian

B-L antigens see Ia-like antigens, avian

B5 antigen
(SY) B5-antigen
(HM) *ANTIGENS, NEOPLASM
(II) ANTIGENS, SURFACE

B5-antigen see B5 antigen

Banvel D see dicamba dimethylamine

B-3-APC see N,N'-bis(3-aminopropyl)cadaverine

anti-BaPDE see benzo(a)pyrene 7,8-dihydrodiol 9,10-epoxide

7,8-BaP-9,10-diol epoxide see benzo(a)pyrene 7,8-dihydrodiol 9,10-epoxide

BAPETA see 1,2-bis(2-aminophenoxy)ethane-N,N,N',N'-tetraacetic acid

BAPLE see Bauhinia purpurea lectin

BAPN fumarate see beta-aminopropionitrile fumarate

BAPP-trimethoprim see 2,4-diamino-5-((3,5-dimethoxy-4-(4-bromoacetamidophenoxy)benzyl)pyrimidine)

BAPTA see 7-(4'-bromoacetamido)phenylthio-4-androstene-3,17- dione

6,7-BAQD see 6,7-bis(1-aziridinyl)-5,8-quinazolinedione.

Baquacil
(RN) 28757-47-3
(SY) polyhexamethylene biguanide hydrochloride
(HM) *BIGUANIDES
(II) DISINFECTANTS
(NO) RN given refers to prent cpd; RN in Chemline for HCl: 32289-58-0

B-6-AQ see biotinyl-6-aminoquinolin

Baralgin
(RN) 8060-71-7
(HM) *BENZOPHENONES
(HM) *DIPYRONE
(HM) *PIPERIDINES
(HM) DRUG COMBINATIONS
(PA) PARASYMPATHOLYTICS
(PA) ANALGESICS
(NO) contains piperidino-ethoxybenzophenone carbonic acid methyl ester

baralginketone see pitofenone

barbaloin
(RN) 1415-73-2
(RR) 28371-16-6 ((S)-isomer)
(RR) 57077-54-0 ((beta-D-isomer)
(RR) 54003-19-9 (unspecified monoglucoside)
(HM) *ANTHRACENES
(PA) CATHARTICS
(II) ALOE
(NO) RN given refers to (R)-isomer

barbexaclone see maliasin

barbiturate see barbituric acid

barbiturate receptor
(SY) barbiturate receptors
(SY) receptor, barbiturate
(SY) phenobarbital receptor
(SY) phenobarbitone receptor
(HM) *SYNAPTIC RECEPTORS
(II) RECEPTORS, SYNAPTIC
(II) BARBITURATES

barbiturate receptors see barbiturate receptor

barbituric acid
(RN) 67-52-7
(SY) sodium barbiturate
(SY) barbiturate
(HM) *BARBITURATES
(NO) RN given refers to parent cpd; structure from Merck Index, 9th ed, #966

barbituric acid ribonucleoside 5'-phosphate see 1-(5'-phospho-beta-D-ribofuranosyl)barbituric acid

barium-alpha2HS-glycoprotein see alpha2HS glycoprotein

barium chloride
(RN) 10361-37-2
(RR) 22322-71-0 (monohydrate)
(RR) 10326-27-9 (dihydrate)
(RR) 52788-96-2 (hexahydrate)
(RR) 59163-93-8 (octaamoniate)
(RR) 49666-24-2 ((140)BaCl2)
(RR) 55582-45-1 ((153)BaCl2)
(SY) barium dichloride
(SY) BaCl2
(HM) *BARIUM
(NO) RN given refers to parent cpd

barium citrate see citric acid

barium dichloride see barium chloride

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barium ferrite
(RN) 11138-11-7
(SY) barium iron oxide
(HM) *FERRIC COMPOUNDS
(HM) *BARIUM

barium fluorochloride europium
(RN) 68876-91-5
(SY) barium fluorochloride, europium-doped
(HM) *BARIUM
(HM) *EUROPIUM
(NO) used in X-ray intensifying screens

barium fluorochloride, europium-doped see barium fluorochloride europium

barium hydroxide
(RN) 17194-00-2
(HM) *BARIUM

barium hydroxyapatite
(RN) 12356-34-2
(SY) barium hydroxylapatite
(HM) *HYDROXYAPATITES
(NO) Ba replaces Ca in hydroxyapatite

barium hydroxylapatite see barium hydroxyapatite

barium iron oxide see barium ferrite

barium nitrate
(RN) 10022-31-8
(RR) 34053-87-7 (monohydrate)
(HM) *BARIUM
(NO) RN given refers to parent cpd

barium selenate
(RN) 7787-41-9
(SY) deposel
(HM) *SELENIUM
(HM) *BARIUM
(II) DELAYED-ACTION PREPARATIONS
(NO) long-acting parenteral selenium supplement for sheep; RN given refers to [1:1]salt

barium sulfide
(RN) 21109-95-5
(RR) 25417-81-6 (barium hydrogen sulfide)
(HM) *BARIUM
(HM) *SULFIDES

barium titanate (BaTiO3) see barium titanate(IV)

barium titanate(IV)
(RN) 12047-27-7
(RR) 12642-89-6 (cpd with unknown MF)
(RR) 12259-65-3 (ion(2-))
(SY) barium titanate (BaTiO3)
(HM) *TITANIUM
(HM) *BARIUM
(NO) RN given refers to parent cpd

barnase see Bacillus amyloliquefaciens ribonuclease

barnetil see sultopride

BASACV see bis((9-acridinyl)seryl-alanyl-cysteinyl-valine) dilactone disulfide

basagran see bentazone

Basalin see fluchloralin

basaljel see basic aluminum carbonate gel

Basamide see dazomet

base exchange enzyme see phospholipid serine base exchange enzyme

base Q see queuine

BASF 13-338 see SAN 9785

basic aluminum acetate hydrate see aluminum acetate

basic aluminum carbonate gel
(RN) 12538-82-8
(SY) aluminum basic carbonate
(SY) basaljel
(SY) aluminum hydroxycarbonate gel
(HM) *ALUMINUM HYDROXIDE
(NO) aluminum hydroxide-aluminum carbonate gel

basic aluminum sucrose sulfate see aluminum sucrose sulfate

basic antizyme 1, ornithine decarboxylase see ribosomal protein S20-L26

basic antizyme 2, ornithine decarboxylase see ribosomal protein L34

basic blue 24 see new methylene blue

basic chromium sulfate see chromium sulfate

basic chromosomal proteins
(HM) *NUCLEOPROTEINS
(II) PROTAMINES
(NO) unique class of basic proteins restricted in occurrence to condensed form of chromatin found in maturing spermatids & spermatozoa; generally replace histones during post meiotic stages of spermatogenesis; protoamines in salmonid fish

basic fuchsin see rosaniline

basic protein phi(0)
(HM) *HISTONES
(NO) found in nuclei of spermatozoa of sea cucumber Holothuria tubulosa

basidalin
(SY) 4-amino-5-(formylmethylene)-2(5H)-furanone
(HM) FURANS
(PA) ANTIBIOTICS
(NO) isolated from Leucoagricus naucina; structure in first source

bassianolide
(RN) 64763-82-2
(HM) *PEPTIDES, CYCLIC
(NO) cyclodepsipeptide from mycelia of Beauveria bassiana; inhibits isotonic contractions induced by acetylcholine

BAS 3170 see benodanil

bathocuproine
(RN) 4733-39-5
(RR) 20230-92-6 (sulfite[1:2])
(HM) *PHENANTHROLINES
(II) INDICATORS AND REAGENTS
(NO) reagent for copper; RN given refers to parent cpd

bathocuproine disulfonic acid disodium salt see bathocuproine sulfonate

bathocuproine sulfonate
(RN) 73348-75-1
(RR) 52698-84-7 (di-Na salt)
(SY) bathocuproine disulfonic acid disodium salt
(HM) *PHENANTHROLINES
(II) INDICATORS AND REAGENTS
(NO) reagent for copper; RN given refers to parent cpd

bathophenanthroline
(RN) 1662-01-7
(RR) 68399-83-7 (sulfate[1:1])
(RR) 23484-53-9 (mono-HCl)
(RR) 21193-97-5 (unspecified sulfite)
(HM) *PHENANTHROLINES
(II) INDICATORS AND REAGENTS
(II) UNCOUPLING AGENTS
(NO) RN given refers to parent cpd

bathophenanthroline disulfonate see bathophenanthroline disulfonic acid

bathophenanthroline disulfonic acid
(RN) 28061-20-3
(RR) 52746-49-3 (di-Na salt)
(SY) bathophenanthroline disulfonate
(HM) *PHENANTHROLINES
(II) CHELATING AGENTS
(II) CHROMOGENIC COMPOUNDS
(NO) RN given refers to parent cpd

bathophenanthroline ruthenium(II) see tris(4,7-diphenyl-1,10-phenanthroline)ruthenium (II)

bathorhodopsin
(RN) 61489-81-4
(SY) prelumirhodopsin
(SY) bathorhodopsin 1
(SY) bathorhodopsin 2
(HM) *RHODOPSIN/analogs
(NO) formed by the irradiation of rhodopsin

bathorhodopsin 1 see bathorhodopsin

bathorhodopsin 2 see bathorhodopsin

batrachotoxinin A 20-alpha-benzoate
(RN) 78870-19-6
(SY) BTA-20-AB
(HM) *BATRACHOTOXINS
(II) NEUROTOXINS
(NO) no other information available 10/14/81

batrachotoxinin-A N-methylanthranilate
(SY) BTX-NMA
(HM) *BATRACHOTOXINS
(II) FLUORESCENT DYES
(NO) structure given in first source

batrachotoxin receptor
(SY) receptor, batrachotoxin
(SY) batrachotoxin receptors
(HM) *RECEPTORS, CHOLINERGIC
(II) BATRACHOTOXINS

batrachotoxin receptors see batrachotoxin receptor

batriden see batridene

batridene
(RN) 56509-01-4
(SY) batriden
(HM) *IMMUNOSUPPRESSIVE AGENTS
(NO) no other information available 5/9/78; N1 same as SY #1; MF unknown

batyl alcohol
(RN) 544-62-7
(RR) 10567-22-3 ((R)-isomer)
(RR) 10438-95-6 ((DL)-isomer)
(RR) 6129-13-1 ((S)-isomer)
(SY) glyceryl 1-octadecyl ether
(SY) 1-O-octadecylglycerol
(HM) GLYCERIN/*analogs
(NO) RN given refers to cpd without isomeric designation

Bauhinia purpurea agglutinin see Bauhinia purpurea lectin

Bauhinia purpurea lectin
(SY) BAPLE
(SY) Bauhinia purpurea agglutinin
(HM) *LECTINS
(NO) enriches interleukin 2 producer T cells from mouse spleen

baxecor see etafenone

baxarytmon see propafenone

Baxter snap see poly(isobutyl methacrylate)

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BAX 3084 see sevoflurane

BAX 3224 see BAX-3224

BAX-3224
(RN) 35042-98-9
(SY) Synthane
(SY) difluoromethyl 1,2,2,3,3-pentafluoropropyl ether
(SY) BAX 3224
(HM) *HYDROCARBONS, FLUORINATED
(PA) ANESTHETICS
(NO) fluorinated methylpropyl ether

Bax-439 see Bax 439

Bax 439
(RN) 6318-74-7
(RR) 36761-88-3 (HCl)
(SY) 2-amino-4,5-diphenylthiazole
(SY) Bax-439
(HM) *THIAZOLES
(NO) decreases concentrating ability of kidney; RN given refers to parent cpd

Bay a 7168 see niludipin

Bay b 4343b see carpipramine

Baycuten
(RN) 77124-28-8
(HM) *DEXAMETHASONE
(HM) *CLOTRIMAZOLE
(HM) CHLORAMPHENICOL/*analogs
(HM) DRUG COMBINATIONS
(NO) contains dexamethasone, clotrimazole & azidoamphenicol

Baycuten SD
(RN) 82571-54-8
(HM) *CLOTRIMAZOLE
(HM) CHLORAMPHENICOL/*analogs
(HM) DRUG COMBINATIONS
(NO) combination of clotrimazole & azidamphenicol; differs from Baycuten which also contains dexamethasone

Bay d 8815 see amidantel

Bayer A 139 see 2,5-bis(1-aziridinyl)-3,6-bis(2-methoxyethoxy)-4-benzoquinone

Bayer D 206 see propylparaben

Bayer E39 see inproquone

Bayer-37289 see Bayer 37289

Bayer 37289
(RN) 327-98-0
(SY) trichloronate
(SY) trichlornate
(SY) phytosol
(SY) O-ethyl-O-2,4,5-trichlorophenyl ethylphosphonothioate
(SY) Bayer-37289
(HM) *ORGANOTHIOPHOSPHORUS COMPOUNDS
(PA) INSECTICIDES, ORGANOTHIOPHOSPHATE
(II) NEUROTOXINS

Bayer 73 see clonitralide

bayer 77049 see quinalphos

Bay e 1313 see bayrotren

Bay-e-4609 see Bay-e 4609

Bay-e 4609
(RN) 65098-54-6
(SY) Bay e 4609
(SY) Bay-e-4609
(HM) *OLIGOSACCHARIDES
(PA) ENZYME INHIBITORS
(PA) ALPHA-AMYLASE/antag
(NO) oligosaccharide containing glucose as monomeric unit with an additional N-containing moiety

Bay e 4609 see Bay-e 4609

Bay e 5009 see nitrendipine

Bay e 9736 see nimodipine

Bay f 4797 see azidoamphenicol

Bay g 5421 see acarbose

Bay g 5653 see thienodiazepine substance

Bay-g-6575 see Bay g 6575

Bay g 6575
(RN) 59040-30-1
(SY) 1-(2-(beta-naphthyloxy)ethyl)-3-methyl-2-pyrazolin-5-one
(SY) nafazatrom
(SY) Bay-g-6575
(HM) *PYRAZOLES
(PA) FIBRINOLYTIC AGENTS
(PA) ANTINEOPLASTIC AGENTS

Bay g 7183
(RN) 58119-45-2
(SY) Bay-g-7183
(HM) *TRIAZINES
(PA) COCCIDIOSTATS
(NO) structure given in first source

Bay-g-7183 see Bay g 7183

Bay H-4502 see bifonazole

Bay H 4502 see bifonazole

Bay h 5595 see deoxynojirimycin

Bay-h-5595 see deoxynojirimycin

BAYI 5240
(SY) BAYI-5240
(HM) *NIFEDIPINE
(HM) *ACEBUTOLOL
(HM) DRUG COMBINATIONS
(PA) ANTIHYPERTENSIVE AGENTS
(NO) combination of above cpds

BAYI-5240 see BAYI 5240

Bay i-7433 see copovithane

Bay i 7433 see copovithane

Bay I 9139
(RN) 55362-18-0
(RR) 80155-61-9 (mono-HCl(R*,R*)-(+-)-isomer)
(RR) 80155-60-8 ((R*,R*)-(+-)-isomer)
(SY) Bay-I 9139
(SY) Bay L9139
(SY) Bay L 9139
(HM) *IMIDAZOLES
(PA) ANTIFUNGAL AGENTS
(NO) RN given refers to parent cpd without isomeric designation

Bay-I 9139 see Bay I 9139

Bay i 9142
(RN) 69004-03-1
(SY) Bay i-9142
(HM) *TRIAZINES
(NO) structure in first source

Bay i-9142 see Bay i 9142

Bay k 4999 see furazlocillin

Bay k 5552 see nisoldipine

Bay-K8644 see Bay K 8644

Bay K 8644
(RN) 71145-03-4
(SY) methyl 1,4-dihydro-2,6-dimethyl-3-nitro-4-(2-trifluoromethylphenyl)pyridine-5-carboxylate
(SY) Bay-K8644
(HM) NIFEDIPINE/*analogs
(NO) calcium channel agonist; structure given in first source

Bay K 9320
(RN) 74687-14-2
(SY) Bay-K-9320
(SY) 4-(2-chlorophenyl)-1,4-dihydro-2,6-dimethyl-3,5-pyridinedicarboxylic acid methyl-2,2,2- trifluoroethyl ester
(HM) NIFEDIPINE/*analogs
(PA) CALCIUM CHANNEL BLOCKERS

Bay-K-9320 see Bay K 9320

Bayleton see triadimefon

Bayluscide see clonitralide

Bay L 9139 see Bay I 9139

Bay L9139 see Bay I 9139

Bay Mc 4540 see Bendigon

Bay m 1099
(RN) 72432-03-2
(RR) 79254-57-2 (4-methylbenzenesulfonate salt(D)-isomer))
(SY) Bay-m-1099
(SY) N-hydroxyethyl-1-desoxynojirimycin
(HM) GLUCOSAMINE/analogs
(PA) ANTIBIOTICS
(NO) RN given refers to parent cpd(D)-isomer; RN for cpd without isomeric designation not in Chemline 7/85

Bay-m-1099 see Bay m 1099

Bay m 4786
(RN) 89267-41-4
(SY) Bay-m 4786
(HM) NIFEDIPINE/*analogs
(NO) inactive pyridine analog nitrendipine metabolite

Bay-m 4786 see Bay m 4786

BAY NTN 9306 see sulprofos

BAY-n 5595 see deoxynojirimycin

BAY n 5595 see deoxynojirimycin

BAY N-7133 see BAY N 7133

Bay N7133 see BAY N 7133

BAY N 7133
(RN) 80456-55-9
(SY) 1-(4-chlorophenoxy)-3,3'-dimethyl-2-(1,2,4-triazol-1-yl)methyl-2-butanol
(SY) BAY N-7133
(SY) Bay N7133
(SY) vibunazole
(HM) *TRIAZOLES
(PA) ANTIFUNGAL AGENTS
(NO) structure given in first source

Bayo-N-Ox see olaquindox

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Bay o 1248
(RN) 80879-63-6
(SY) Bay-o-1248
(SY) N-(beta-(4-ethoxycarbonylphenoxy)ethyl-1-desoxynojirimycin
(HM) GLUCOSAMINE/analogs
(PA) ANTIBIOTICS
(NO) RN given from Toxline; RN not in Chemline 7/85

Bay-o-1248 see Bay o 1248

bayrotren
(RN) 77124-27-7
(SY) Bay e 1313
(HM) *NORSYNEPHRINE
(HM) DRUG COMBINATIONS
(HM) *HEPTAMINOL
(NO) antihypotensive agent combination of norfenefrin and heptaminol

bayrusil see quinalphos

Bay-Sir-8514 see Bay Sir 8514

Bay Sir 8514
(RN) 64628-44-0
(SY) SIR 8514
(SY) 1-(4-trifluoromethoxyphenyl)-3-(2-chlorobenzoyl) -urea
(SY) Bay-Sir-8514
(SY) Bay Vi 7533
(SY) alsystin
(HM) *BENZAMIDES
(II) JUVENILE HORMONES
(II) CHEMOSTERILANTS
(NO) insect growth inhibitor

baythion see phoxim

Bay VA 9391 see olaquindox

Bay-Ve-7294 see Bay-Ve 7294

Bay-Ve 7294
(RN) 38083-30-6
(SY) 1-(imidazolyl)-1-(2,4-dichlorophenoxy)-3,8-dimethylbutan-2-one
(SY) Bay-Ve-7294
(HM) *IMIDAZOLES
(PA) ANTIFUNGAL AGENTS

Bay Vi 5757 see febantel

Bay Vi 7533 see Bay Sir 8514

Bay 08276
(RN) 85259-71-8
(SY) Bay-08276
(SY) Benzenesulfonic acid, 4-chloro-N-1H-1,2,4-triazol-3-yl-
(HM) *ANTI-INFLAMMATORY AGENTS
(PA) LIPOXYGENASES/antag
(PA) LEUKOTRIENES B/antag
(NO) no other info available 6/15/83

Bay-08276 see Bay 08276

Bay 09867 see ciprofloxacin

Bay-09867 see ciprofloxacin

Bay 4503 see propiram

Bay 47531 see dichlofluanid

Bay 68138 see fenamiphos

Bay 77488 see phoxim

Bay 78182 see chlorphoxim

Bay 78418 see edifenphos

Bay 94,337 see metribuzin

bazoton
(HM) *PLANT EXTRACTS
(NO) used to treat urinary disorders

BA-1 see BA 1

BA 1
(RN) 56368-59-3
(SY) N-(2-cyanoethylene)urea
(SY) BA-1
(HM) UREA/*analogs
(PA) ANTINEOPLASTIC AGENTS
(NO) structure

BA1-4 see 2-cyanoethylurea

Ba 253 see oxitropium

Ba-253 see oxitropium

Ba 29038 see boldenone undecylenate

Ba-41795 see 41795-Ba

Ba 41795 see 41795-Ba

41795-Ba
(RN) 22572-04-9
(SY) ACTHoctadecapeptide amide(1-18), Ser(1)-Lys(17, 18)-
(SY) Ser(1)-Lys(17,18)-ACTHoctadecapeptide amide(1- 18)
(SY) 1-seryl-17,18-lysine-ACTHoctadecapeptide amide (1-18)
(SY) Ba 41795
(SY) Ba-41795
(HM) CORTICOTROPIN/*analogs

Ba 51-090462 see dibenzo(a,l)pyrene

Ba 598
(RN) 63516-07-4
(SY) Ba-598Br
(SY) 8-(2-fluoroethyl)-3 alpha-hydroxy-1 alpha H,5 alpha H-tropanium bromide benzilate
(HM) *ATROPINE DERIVATIVES
(PA) HISTAMINE H1 RECEPTOR BLOCKADERS
(PA) PARASYMPATHOLYTICS
(NO) structure given in first source

14-BBAM see 14 beta-(2-bromoacetamido)morphinone

5-BBAU see 5-benzyloxybenzylacyclouridine

BBCDA see
1-(4'-bromo-4-biphenylyl)-1-(4-chlorophenyl)-3-dimethylaminoprop-1-ene

b-BCH see 2-aminobicyclo(2,2,1)heptane-2-carboxylic acid

4-BBDB see
4-(4'-bromo(1,1'-biphenyl)-4-yl)-2,4-dioxobutanoic acid

BbeI endonuclease see endodeoxyribonuclease BinSII

B-beta 15-42 immunoreactive peptide see Bbeta 15-42 peptide

Bbeta 1-21 peptide
(RN) 93334-58-8
(SY) fibrinogen Bbeta(1-21)
(SY) fibrinogen fragment Bbeta(1-21)
(HM) *FIBRIN FIBRINOGEN DEGRADATION PRODUCTS

Bbeta 1-42 peptide see fibrinogen fragment Bbeta1-42

Bbeta 15-42 peptide
(SY) fibrinogen beta 15-42
(SY) fibrin fragment beta 15-42
(SY) B-beta 15-42 immunoreactive peptide
(HM) *FIBRIN FIBRINOGEN DEGRADATION PRODUCTS
(NO) derived from human fibrinogen or fibrin

Bbeta (30-43) see fibrinogen Bbeta (30-43)

4-BBFA see N-(4-butoxybenzyl)formamide

BBMAA see 4-bromobenzoyl-methyladamantylamine

BBMAEDA see
N,N'-bis(S-benzoylmercaptoacetamido)ethylenediamine

BBMD see alpha-benzyl-alpha-bromomalodinitrile

BBM 928 see BBM-928

BBM-928
(RN) 76190-52-8
(SY) antibiotic BBM 928
(SY) BBM 928
(HM) QUINOLINES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) antitumor antibiotic complex produced by actinomycete strain # G455-101; cyclic depsipeptide antibiotics containing quinoline nucleus as chromophore; BBM-928 A is monoacetyl deriv of BBM-928 B & diacetyl deriv of BBM-928 C

BBM 928A see BBM-928 A

BBM-928 A
(RN) 75580-37-9
(SY) BBM-928A
(SY) BBM 928A
(SY) luzopeptin A
(HM) QUINOLINES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(II) INTERCALATING AGENTS
(NO) see also BBM-928

BBM-928A see BBM-928 A

BBPD see bis(4-tert-butylcyclohexyl)peroxydicarbonate

1-BBPD see
1-(4-bromobenzoyl)piperazine-2,3-dicarboxylic acid

BBPHT see butylbenzyl phthalate

2-BBTS see N-tert-butyl-2-benzothiazolesulfenamide

b-Butx-binding protein see beta-bungarotoxin-binding protein

BbvII endonuclease see endodeoxyribonuclease BbvII

BB 1502 see BB-1502

BB-1502
(RN) 73535-50-9
(SY) 9-cyclohexyl-2-n-propoxy-9H-adenine
(SY) BB 1502
(HM) ADENINE/*analogs
(PA) BRONCHODILATOR AGENTS
(PA) 3',5'-CYCLIC AMP PHOSPHODIESTERASE/antag
(NO) structure given in first source

BCABP see 5-bromo-2'-chloro-2-aminobenzophenone

B-CAVe
(HM) BLEOMYCINS
(HM) LOMUSTINE
(HM) DOXORUBICIN
(HM) VINBLASTINE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

BC-3-CAEE see beta-carboline-3-carboxylic acid ethyl ester

BCCHO see
3-(((4-(bis(2-chloroethyl)amino)phenyl)acetyl)oxy)-17a-aza-D-homoandrost-5-en-17-one

BCCTO see 3-(bis-(2-chloroethyl)carbohydrazide)-2,2,5,5-tetramethylpyroline-1-oxyl

BCDA see 5-bromo-4-chloroindoxyl acetate

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BCDF see differentiation antigens, B-lymphocyte

BCD protocol
(HM) BLEOMYCINS
(HM) CYCLOPHOSPHAMIDE
(HM) DACTINOMYCIN
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) combination of above cpds; used in therapy of osteosarcoma

BCEAME see 8
beta-(bis(2-chloroethyl)amino)-6,7-didehydro-3-hydroxy-17-methyl-4,5 alpha-epoxymorphinan

BCECF see 2',7'-bis(carboxyethyl)-5(6)-carboxyfluorescein

Bce243 endonuclease see endodeoxyribonuclease MboI

B cell-activating factor
(SY) B cell growth factor
(SY) BCGF
(SY) BGDF
(SY) B-cell inducing factors
(SY) B cell maturation factor
(SY) B-cell proliferating factor
(SY) T cell-dependent B cell activator
(SY) B lymphocyte growth factor
(SY) B cell-derived enhancing factor
(SY) B-cell stimulatory factor 1
(SY) BSF-1
(SY) IgG induction factor
(SY) IgG inducing factor
(SY) BSF-1
(HM) *GROWTH SUBSTANCES
(HM) *LYMPHOKINES
(II) CELL EXTRACTS
(II) B LYMPHOCYTES/immunol
(NO) factor released from murine peritoneal macrophages, human monocytes & activated T lymphocytes that stimulates the humoral response of murine splenocytes in vitro; specific to B cells; also produced by human T-cell hybridomas; specific for IgA

B cell-derived enhancing factor see B cell-activating factor

B cell differentiation antigens see differentiation antigens, B-lymphocyte

B cell differentiation factor see differentiation antigens, B-lymphocyte

B cell growth factor see B cell-activating factor

B-cell inducing factors see B cell-activating factor

B cell maturation factor see B cell-activating factor

B-cell proliferating factor see B cell-activating factor

B-cell specific protein XM1 see XM1 protein

B-cell stimulatory factor 1 see B cell-activating factor

BCFM-Cys-PNPE see
N-tert-butyloxycarbonyl-S-9-fluorenylmethylcysteine 4-nitrophenyl ester

BCG antigen 5 see Mycobacterium tuberculosis antigen 5

BCGF see B cell-activating factor

BCG lipopolysaccharide
(SY) BCG-LPS
(HM) *LIPOPOLYSACCHARIDES
(NO) lipopolysaccharide isolated from BCG

BCG-LPS see BCG lipopolysaccharide

BCGP see CEX

BCHHCU see bis(cyclo(histidylhistidine)copper II complex

5-BCIP see 5-bromo-4-chloro-3-indoxyl phosphate

BCKA decarboxylase see 2-oxoisovalerate dehydrogenase (lipoamide)

BCKA dehydrogenase complex see 2-oxoisovalerate dehydrogenase (lipoamide)

BclI endonuclease see endodeoxyribonuclease BclI

2-BCMPA see
2-(2-benzoyl-4-chlorophenoxy)-N-methylpropionamide

4-BCMPEB see
4-(2-((3-(3-benzenecarboxamide)-1-methylpropyl)amino) ethyl)-1,2-benzenediol

BCMV
(SY) BCMV protocol
(HM) BLEOMYCINS
(HM) CISPLATIN
(HM) METHOTREXATE
(HM) VINBLASTINE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds; used in therapy of head and neck squamous cell carcinoma

BCMV protocol see BCMV

BCNBDI see
bis(choline)-N-(4-nitrobenzo-2-oxa-1,3-diazol-7-yl) imino dipropionate

BCNCC see
N,N'-bis(2-chloroethyl)nitrosocarbamoyl)cystamine

BcnI endonuclease see endodeoxyribonuclease BcnI

BcnI methylase see DNA modification methylase BcnI

BCOP see BCVP

BCP
(HM) CARMUSTINE
(HM) CYCLOPHOSPHAMIDE
(HM) PREDNISONE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds; used in treatment for multiple myeloma

BCPN see butyl(3-carboxypropyl)nitrosamine

11-BCPO see 20-carboxy-1,4-pregnadien-3-one

3-BCP see 3-benzyl-6-chloro-2-pyrone

12-Bct-1-N(alpha)-dodecanoyl-Ser-4-Nle-7-Phe-alpha-MSH see MSH,
12-Bct-1-N(alpha)-dodecanoyl-Ser-4-Nle-7-Phe- alpha-

1,3-BCTPT see
1,3-bis(2-cyano-5-(trifluoromethyl)phenyl)triazene

BCVP
(SY) BCOP
(HM) CARMUSTINE
(HM) CYCLOPHOSPHAMIDE
(HM) VINCRISTINE
(HM) PREDNISONE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

N-BCVP see N-benzyloxycarbonyl-valylprolinal

BCVPP see BVCPP

BC 681 see EEDQ

BDAALES see ((enkephalin,
N,N-diallyl-Ala(2)-Leu(5))bis-)cystine (6)

P-8-BDAA see poly(8-bromodeoxyadenylic acid)

BDB see bis(diazo)benzidine

3-BDBBP see 3-bromo-1,4-dihydroxy-2-butanone 1,4-biphosphate

BDBDH see
N(1),N(6)-bis(2,3-dihydroxybenzoyl)-1,6-diaminohexane

2,5-BDBQ see 2,5-bis(dimethylamino)-1,4-benzoquinone

BDB-TADP see
6-((4-bromo-2,3-dioxobutyl)thio)-6-deaminoadenosine 5'-diphosphate

BDB-TAMP see
6-(6-(4-bromo-2,3-dioxobutyl)thio)deaminoadenosine 5'-monophosphate

BDB 27
(RN) 83972-76-3
(RR) 71752-88-0 (dichloride)
(RR) 71752-87-9 (diiodide)
(SY) BDB-27
(SY) 1-(2-hydroxyiminomethyl-1-pyridinio)-3-(4-cyclohexylcarbonyl-1-pyridinio)-2-oxapropane
(HM) *PYRIDINIUM COMPOUNDS
(PA) ANTIDOTES
(NO) RN given refers to parent cpd in Chemline; BDB-27 refers to diiodide

BDB-27 see BDB 27

BDCPX see alpha,
alpha'-bis(3-(N,N-diethylcarbamoyl)piperidino)- 4-xylene

BDD see 7,7'-dimethoxy-(4,4'-bi-1,3-benzodioxole)-5,5'-dicarboxylic acid dimethyl ester

1,8-BDEAD see
1,8-bis(2-diethylaminoethylamino)anthracene-9,10-dione

BDF-6143 see BE 6143

BDF 6143 see BE 6143

B2 differentiation antigen see differentiation antigens, B-lymphocyte

B(a)P 7,8-diol-9,10-epoxide see benzo(a)pyrene 7,8-dihydrodiol 9,10-epoxide

B(e)P-9,10-diol-11,12-epoxide see
9,10-dihydroxy-11,12-epoxy-9,10,11,12-tetrahydrobenzo(e)pyrene

BDM carboxylases see multiple carboxylases, biotin responsive

B-DOPA
(HM) BLEOMYCINS
(HM) DACARBAZINE
(HM) VINCRISTINE
(HM) PREDNISONE
(HM) DOXORUBICIN
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds; used in treatment of Hodgkins disease

2-BDOQO see
2-tert-butyl-7-(2,4-dichlorophenyl)octahydro-2H-quinolizin-2-ol

1,4-BDPOB see 1,4-bis(2-(3,5-dichloropyridyloxy))benzene

BDPU see UK 14275

BDP3 see
alpha-amino-(4-hydroxybenzylidene)diphosphonate

BDSNP-alpha-MSH see MSH,
12-Bct-1-N(alpha)-dodecanoyl-Ser-4-Nle-7-Phe- alpha-

BDTD see 6-(4-bromo-2,3-dioxobutyl)thioadenosine 5'-diphosphate

BD-40 see BD 40

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BD 40
(RN) 65222-35-7
(RR) 84249-84-3 (maleate[1:3])
(SY) 1-gamma-diethylamino propyl amino)-5-methyl-dipyrido (4,3-b)(3,4-f)indole
(SY) BD-40
(HM) *INDOLES
(PA) ANTINEOPLASTIC AGENTS
(II) INTERCALATING AGENTS
(NO) RN given refers to parent cpd; structure given in first source

BD 40A see formoterol

BD-84 see BD 84

BD 84
(RN) 72238-02-9
(SY) 1-((3-(diethylamino)propyl)amino))-9-methoxy-5,11-dimethyl-6H-pyrido(4,3-b)carbazole
(SY) BD-84
(HM) *ELLIPTICINES
(NO) structure given in first source

beauvericin
(RN) 26048-05-5
(HM) PEPTIDES, CYCLIC
(PA) ANTIBIOTICS

BEA-1654 see BEA 1654

BEA 1654
(SY) N-(3-acetylaminophenyl)piperazine
(SY) BEA-1654
(HM) *PIPERAZINES
(NO) putative serotonin agonist; structure given in first source

2-BEA see 2-bromoethylamine

beclamide
(RN) 501-68-8
(SY) chloracon
(SY) nydrane
(HM) *PROPIONATES
(PA) ANTICONVULSANTS
(NO) structure

beclobrate
(RN) 57081-61-5
(RR) 55937-99-0 ((+-)-isomer)
(SY) Sgd 24774
(SY) 2-(4-((4-chlorophenyl)methyl)phenoxy)-2-methylbutanoic acid ethyl ester
(HM) *BENZHYDRYL COMPOUNDS
(PA) ANTILIPEMIC AGENTS
(NO) RN given refers to cpd without isomeric designation; structure

beclobrinic acid
(RN) 71548-88-4
(RR) 71548-89-5 (Na salt)
(SY) 2-(4-((4-chlorophenyl)methyl)phenoxy)-2-methyl butanoic acid
(HM) CLOFIBRATE/*analogs
(PA) ANTILIPEMIC AGENTS
(NO) RN given refers to (+-)-isomer; RN for cpd without isomeric designation not in Chemline 8/85

beclotiamine
(RN) 20166-17-0
(RR) 13471-78-8 (chloride)
(RR) 7275-24-3 (chloride mono-HCl)
(SY) chloroethyl thiamine
(HM) THIAMINE/*analogs
(PA) ANTIPROTOZOAL AGENTS
(NO) RN given refers to parent cpd; structure

17-BECPE see 17 alpha-n-butylestradiol-3-cyclopentyl ether

beeswax
(RN) 8012-89-3
(RR) 71243-51-1 (beeswax, synthetic)
(HM) *WAXES
(II) BEES
(NO) RN given refers to cpd with unknown MF

bee venom-albumin polymer
(SY) BVAP
(HM) *BEE VENOMS
(HM) *SERUM ALBUMIN
(NO) has potential immunotherapeutic value in patients with anaphylactic sensitivity to bee venom

BEE 2,4-D see butoxyethanol ester of 2,4-dichlorophenoxyacetic acid

befunolol
(RN) 39552-01-7
(RR) 39543-79-8 (HCl)
(SY) BFE 60
(SY) 2-acetyl-7-(2-hydroxy-3-isopropylamino) propoxybenzofuran
(SY) befunolol hydrochloride
(HM) *PROPANOLAMINES
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS
(NO) synonym BFE 60 refers to HCl; RN given refers to parent cpd; structure

befunolol hydrochloride see befunolol

befuraline
(RN) 41717-30-0
(RR) 41716-84-1 (mono-HCl)
(SY) DIV 154
(HM) *PIPERAZINES
(PA) ANTIDEPRESSIVE AGENTS
(NO) RN given refers to parent cpd; structure

behenic acid
(RN) 112-85-6
(RR) 54735-70-5 (unspecified Cu salt)
(RR) 34303-23-6 (Cd salt)
(RR) 20259-31-8 (Fe(+3) salt)
(RR) 18990-72-2 (Al salt)
(RR) 16529-65-0 (Zn salt)
(RR) 7211-53-2 (K salt)
(RR) 5331-77-1 (Na salt)
(RR) 4499-91-6 (Li salt)
(RR) 2636-16-0 (Ba salt)
(RR) 2489-05-6 (Ag(+1) salt)
(SY) docosanoic acid
(HM) *FATTY ACIDS
(NO) RN given refers to parent cpd; structure

behenoyl ara-C see N(4)-behenoyl-1-beta-arabinofuranosylcytosine

N(4)-behenoyl ara-C see N(4)-behenoyl-1-beta-arabinofuranosylcytosine

N(4)-behenoyl-1-beta-arabinofuranosylcytosine
(RN) 55726-47-1
(SY) behenoyl ara-C
(SY) NSC 239336
(SY) N(4)-behenoyl ara-C
(SY) N(4)-behenoyl-1-beta-D-arabinofuranosylcytosine
(SY) NSC-239336
(SY) sunrabim
(HM) CYTARABINE/*analogs
(PA) ANTINEOPLASTIC AGENTS
(NO) RN given refers to (D)-isomer; structure

N(4)-behenoyl-1-beta-D-arabinofuranosylcytosine see N(4)-behenoyl-1-beta-arabinofuranosylcytosine

behenyl alcohol see docosanol

bekanamycin
(RN) 4696-76-8
(RR) 29701-07-3 (sulfate[1:1])
(RR) 70550-99-1 (unspecified sulfate)
(SY) kanendomycin
(SY) aminodeoxykanamycin
(SY) kanamycin B
(HM) KANAMYCIN/*analogs
(NO) kanendomycin is the sulfate of bekanamycin; RN given refers to parent cpd; structure

BELD protocol
(HM) BLEOMYCINS
(HM) VINDESINE
(HM) LOMUSTINE
(HM) DACARBAZINE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy consisting of vindesine & above 3 cpds

Belgian Nestosyl ointment see Nestosyl ointment

Bellergal
(RN) 57657-51-9
(SY) Bellergal-S
(HM) *ERGOTAMINE DERIVATIVES
(HM) *PHENOBARBITAL
(HM) *METHYSERGIDE
(HM) DRUG COMBINATIONS
(PA) ANALGESICS
(NO) contains ergotamine tartrate, phenobarbital and methysergide; used in prevention of migraine headaches

Bellergal-S see Bellergal

belmark see pydrin

beloderm see betamethasone-17,21-dipropionate

belofor Kb
(RN) 66813-36-3
(SY) 4,4-bis-(2"-methoxy-4""-phenylamino-1"",3",5"-triazine-6"-ylamino)stilbene-2,2"- disulfonic acid
(HM) *TRIAZINES
(NO) RN not in Chemline 3/85; RN from Toxline

bemarsal see diphetarsone

bemetecide see dehydrosanol

bemetizid see dehydrosanol

bemosat
(RN) 51489-69-1
(SY) G 526
(HM) *BEPHENIUM COMPOUNDS
(PA) ANTHELMINTICS
(NO) Russian drug; analog of naphthamon & difezil; structure

benazol P
(RN) 2440-22-4
(SY) 2-(2'-hydroxy-5-methylphenyl)benzotriazole
(SY) tinuvin P
(HM) *TRIAZOLES
(NO) plastic additive from polymethyl methacrylate

bencylina-1
(RN) 77372-70-4
(SY) 6-(3-benzhydryl-5-methylisoxazolyl-4'-carboxyamido)penicillanic acid
(HM) *PENICILLINS
(NO) RN given refers to Na salt; RN for parent cpd not in Chemline 12/21/83; structure given in first source

bendaline see bendazac lysine

bendazac see bendazolic acid

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bendazac lysine
(RN) 82576-52-1
(SY) bendazac lysine salt
(SY) bendaline
(SY) AF 1934
(SY) AF-1934
(HM) *INDAZOLES
(PA) ANTI-INFLAMMATORY AGENTS
(PA) ANTILIPEMIC AGENTS

bendazac lysine salt see bendazac lysine

bendazole
(RN) 621-72-7
(RR) 1212-48-2 (mono-HCl)
(SY) dibasol
(HM) *BENZIMIDAZOLES
(PA) MUSCLE RELAXANTS, CENTRAL
(PA) ANTIHYPERTENSIVE AGENTS
(NO) Russian drug; RN given refers to parent cpd; structure

bendazolic acid
(RN) 20187-55-7
(RR) 23255-99-4 (Na salt)
(SY) bendazac
(HM) *INDAZOLES
(PA) ANTI-INFLAMMATORY AGENTS
(NO) RN given refers to parent cpd; structure

bendectin
(RN) 8064-77-5
(SY) debendox
(HM) *PYRIDOXINE
(HM) *DOXYLAMINE
(HM) DRUG COMBINATIONS
(PA) ANTIEMETICS
(PA) TERATOGENS
(II) DICYCLOMINE
(NO) contains dicyclomine, doxylamine succinate, pyridoxine; in the U.S., dicyclomine has been removed from the combination because it was ineffective

Bendigon
(RN) 77124-26-6
(SY) Bay Mc 4540
(HM) *RESERPINE
(HM) *MEFRUSIDE
(HM) *NICOTINIC ACIDS
(HM) DRUG COMBINATIONS
(PA) ANTIHYPERTENSIVE AGENTS
(NO) contains reserpine, mefruside & inositolnicotinate

bendiocarb
(RN) 22781-23-3
(SY) FICAM 80W
(HM) *CARBAMATES
(PA) INSECTICIDES, CARBAMATE
(NO) FICAM 80W contains 80% of the above chemical cpd as the active ingredient

benedorm see pyrithyldione

benefin
(RN) 1861-40-1
(SY) Balan
(SY) benfluralin
(HM) *TOLUIDINES
(PA) HERBICIDES
(NO) structure

benetazon see tribuzone

Benetazone see tribuzone

benethamine penicillin see benethamine penicillin G

benethamine penicillin G
(RN) 751-84-8
(SY) benethamine penicillin
(HM) PENICILLIN G/*analogs
(NO) structure in Merck Index, 9th ed, #1043

Benethazon see tribuzone

benethazone see tribuzone

benexol-B12
(HM) *THIAMINE
(HM) *PYRIDOXINE
(HM) *VITAMIN B 12
(HM) DRUG COMBINATIONS
(PA) ANALGESICS
(NO) consists of above 3 cpds

benextramine
(RN) 69790-18-7
(RR) 68535-69-3 (tetra-HCl)
(SY) N,N'-bis(o-methoxybenzylaminohexyl)cystamine
(HM) CYSTAMINE/*analogs
(PA) ADRENERGIC ALPHA RECEPTOR BLOCKADERS
(NO) RN given refers to parent cpd

benfluorex
(RN) 23602-78-0
(RR) 23642-66-2 (HCl)
(RR) 22471-86-9 (HCl(+-)-isomer)
(SY) JP 992
(SY) S 780
(SY) SE 780
(SY) S 1513
(SY) benfluramate
(SY) Mediator
(HM) FENFLURAMINE/*analogs
(PA) APPETITE DEPRESSANTS
(NO) RN given refers to parent cpd without isomeric designation; structure

benfluralin see benefin

benfluramate see benfluorex

benfluron see VUFB 13468

benfurodil
(RN) 3447-95-8
(SY) CB 4091
(SY) Eudilat
(SY) Eucilat
(SY) benfurodil hemisuccinate
(HM) *BENZOFURANS
(PA) VASODILATOR AGENTS
(NO) RN given is for benfurodil hemisuccinate; structure

benfurodil hemisuccinate see benfurodil

Bennett's mercury orange see mercury orange

benodanil
(RN) 15310-01-7
(SY) BAS 3170
(HM) *BENZAMIDES
(PA) FUNGICIDES, INDUSTRIAL

benoxaprofen
(RN) 51234-28-7
(RR) 70-280-67-0 ((-)-isomer)
(RR) 66934-19-8 ((+)-isomer)
(RR) 51234-86-7 (mono-Na salt)
(RR) 67434-14-4 ((+-)-isomer)
(RR) 70062-36-1 (NH4 salt)
(SY) LRCL 3794
(SY) Oraflex
(HM) *PROPIONIC ACIDS
(PA) ANTI-INFLAMMATORY AGENTS
(PA) ANALGESICS, ANTI-INFLAMMATORY
(PA) LIPOXYGENASES/antag
(II) DERMATOLOGIC AGENTS
(NO) RN given refers to parent cpd; structure

benoxinate
(RN) 99-43-4
(RR) 5987-82-6 (mono-HCl)
(RR) 13718-13-3 (HCl)
(RR) 40433-63-4 (di-HCl)
(SY) diethylaminoethyl-4-amino-3-butoxybenzoate
(SY) novescine
(SY) oxybuprocaine
(SY) novesin
(SY) butoxyprocaine
(HM) PROCAINE/*analogs
(PA) ANESTHETICS, LOCAL
(NO) RN given refers to parent cpd; structure

bentazone
(RN) 25057-89-0
(RR) 50723-80-3 (Na salt)
(SY) basagran
(HM) *BENZOTHIADIAZINES
(PA) HERBICIDES
(NO) RN given refers to parent cpd; structure

Bentelan
(RN) 360-63-4
(RR) 151-73-5 (di-Na salt(11beta,16beta)-isomer)
(RR) 52691-40-4 (di-Na salt(11beta)-isomer)
(RR) 31057-53-1 (unspecified Na salt(11beta,16beta)-isomer)
(SY) betamethasone 21-phosphate
(SY) betamethasone phosphate
(SY) betamethasone sodium phosphate
(SY) betamethason sodium phosphate
(HM) BETAMETHASONE/*analogs
(NO) phosphate ester of betamethasone; RN given refers to (11beta,16beta)-isomer; RN for cpd without isomeric designation not in Chemline 12/20/83; structure in Negwer,5th ed, 4975

benthiocarb
(RN) 28249-77-6
(SY) S-(4-chlorobenzyl)-N,N-diethylthiocarbamate
(SY) thiobencarb
(HM) *THIOCARBAMATES
(PA) INSECTICIDES, CARBAMATE

bentiromide
(RN) 37106-97-1
(SY) N-benzoyl-L-tyrosyl-PABA
(SY) BT-PABA
(SY) PABA-peptide
(SY) N-benzoyl-L-tyrosyl-p-aminobenzoic acid
(SY) Pabapeptide
(HM) *P-AMINOBENZOIC ACID/analogs
(NO) chymotrypsin labile peptide used diagnostically as an index of exocrine pancreas function

benuride see ethylphenacemide

benz(e)aceanthrylene
(RN) 199-54-2
(HM) *BENZANTHRACENES
(PA) MUTAGENS
(NO) structure given in first source

benz(j)aceanthrylene
(RN) 202-33-5
(SY) cholanthrylene
(HM) METHYLCHOLANTHRENE/*analogs
(PA) MUTAGENS

benz(l)aceanthrylene
(RN) 211-91-6
(HM) *BENZANTHRACENES
(PA) MUTAGENS
(NO) structure given in first source

benz(a)acridine
(RN) 225-11-6
(HM) *ACRIDINES

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benz(c)acridine
(RN) 225-51-4
(SY) 3,4-benzacridine
(HM) *ACRIDINES

3,4-benzacridine see benz(c)acridine

benzalacetone see benzylideneacetone

benzalbutyric acid
(RN) 6052-53-5
(RR) 19488-17-6 (Na salt)
(SY) 3-methyl-4-phenylbutenoic acid
(HM) *BUTYRATES
(PA) ANTICHOLESTEREMIC AGENTS
(NO) inhibitor of cholesterol biosynthesis & blood platelet aggregation; minor descriptor (75-85); on-line & Index Medicus search BUTYRATES (75-85); RN given refers to parent cpd

benzal chloride
(RN) 98-87-3
(HM) *BENZYLIDENE COMPOUNDS

benzaldehyde
(RN) 100-52-7
(RR) 14734-27-1 (formyl-(14)C-labeled cpd)
(HM) *BENZALDEHYDES
(NO) RN given refers to parent cpd; structure

2-benzal-1-((2'-diisopropylamino)ethoxyimino) cycloheptane hydrogen fumarate see stirocainide

benzamide
(RN) 27208-38-4
(HM) *BENZAMIDES

benzamidine
(RN) 618-39-3
(RR) 1670-14-0 (HCl)
(HM) *BENZAMIDINES
(NO) RN given refers to parent cpd

4-benzamido-4'-aminostilbene-2,2'-disulfonate see benzoylamido-4'-aminostilbene-2,2'-disulfonate

4-benzamido-4'-isothiocyanostilbene-2,2'-disulfonate
(RN) 78543-24-5
(SY) BIDS
(HM) *SITS/analogs
(II) INDICATORS AND REAGENTS

benzamidomethaneboronic acid
(HM) *BORON COMPOUNDS
(PA) CHYMOTRYPSIN/antag
(NO) structure given in first source

benzamidomethyl benzylpenicillinate see FI 7303

(5S-5-benzamido-4-oxo-6-phenylhexanoyl-L-proline) see compound 20

benzamil
(RN) 7279-57-4
(SY) benzobamil
(SY) benzobamile
(HM) AMILORIDE/*analogs

benzanilide
(RN) 93-98-1
(HM) *ANILIDES

benzanthracene see benz(a)anthracene

benz(a)anthracene
(RN) 56-55-3
(SY) 1,2-benzanthracene
(SY) benzanthracene
(HM) *BENZANTHRACENES

benzanthracene-3,4-dihydrodiol
(RN) 60839-18-1
(RR) 67335-42-6 ((3R-trans)-isomer)
(RR) 64501-86-6 ((trans)-(+-)-isomer)
(RR) 60967-89-7 ((trans)-isomer)
(RR) 67335-43-7 ((3S-trans)-isomer)
(SY) benzo(a)anthracene-3,4-dihydrodiol
(SY) 3,4-dihydroxy-3,4-dihydrobenz(a)anthracene
(HM) *BENZANTHRACENES
(NO) RN given refers to cpd without isomeric designation

benzanthracene 3,4-diol-1,2-epoxide see 3,4-dihydroxy-1,2-epoxy-1,2,3,4-tetrahydrobenz(a) anthracene

benz(a)anthracene-5,6-epoxide see benzanthracene-5,6-oxide

benzanthracene-5,6-oxide
(RN) 790-60-3
(SY) benz(a)anthracene-5,6-epoxide
(SY) 5,6-epoxybenz(a)anthracene
(HM) *BENZANTHRACENES

1,2-benzanthracene see benz(a)anthracene

benzanthrone
(RN) 82-05-3
(RR) 36373-21-4 (di-Li(-2))
(HM) *BENZANTHRACENES
(NO) RN given refers to parent cpd

benzaron see benzarone

benzarone
(RN) 1477-19-6
(SY) EHBB
(SY) benzaron
(HM) *BENZBROMARONE/analogs
(PA) FIBRINOLYTIC AGENTS
(NO) antihemorrhagic agent; structure

benzathine
(RN) 140-28-3
(RR) 3412-76-8 (di-HCl)
(RR) 122-75-8 (diacetate)
(RR) 27043-08-9 (cpd with unspecified locants for phenylmethyl groups)
(SY) N,N'-dibenzylethylenediamine
(HM) *ETHYLENEDIAMINES
(NO) RN given refers to parent cpd with specified locants for phenylmethyl groups; structure

benzathine cloxacillin
(RN) 23736-58-5
(SY) cloxacillin salt with dibenzylethylenediamine
(SY) Orbenin D.C.
(HM) CLOXACILLIN/*analogs
(NO) Orbenin D.C. contains 500 mg of benzathine cloxacillin

benzathine penicillin V
(RN) 5928-84-7
(SY) penicillin V benzathine
(SY) bicillin-5
(HM) PENICILLIN G, BENZATHINE/*analogs
(NO) structure in Negwer, 5th ed, #3069

benzatropine mesylate see benzatropine methanesulfonate

benzatropine methanesulfonate
(RN) 132-17-2
(RR) 80677-48-1 (HBr)
(RR) 25471-65-2 (HCl(endo)-isomer)
(RR) 6148-20-5 (HBr(endo)-isomer)
(SY) benzatropine mesylate
(SY) cogentin
(SY) benztropine mesylate
(HM) *BENZTROPINE/analogs
(PA) PARASYMPATHOLYTICS
(NO) RN given refers to methanesulfonate(endo)-isomer; see also record for BENZTROPINE which is the parent cpd

benzeneboronic acid
(RN) 98-80-6
(SY) phenylboronic acid
(SY) phenylboronate
(SY) phenylboronic acid
(HM) *BORONIC ACIDS

benzeneboronic acid-agarose see phenylboronic acid-sepharose

4-(2-((3-(3-benzenecarboxamide)-1-methylpropyl)amino)ethyl)-1,2-benzenediol
(SY) 4-BCMPEB
(HM) DOBUTAMINE/*analogs
(PA) CARDIOTONIC AGENTS
(NO) structure given in first source

benzene dihydrodiol dehydrogenase
(RN) EC 1.3.-
(HM) *OXIDOREDUCTASES
(NO) catalyzes the conversion of benzene dihydrodiol to catechol

benzene 1,2-dioxygenase
(RN) EC 1.14.12.3
(RR) 9075-66-5 (CRN)
(SY) benzene hydroxylase
(HM) *HYDROXYLASES
(NO) converts benzene into cis-benzene glycol

benzene cis-glycol see 5,6-dihydroxycyclohexa-1,3-diene

benzenehexacarboxylate see mellitic acid

benzene hydroxylase see benzene 1,2-dioxygenase

(benzenemethanamine)trifluoroboron see UP 605-3r

benzenephosphonic acid see phenylphosphonic acid

benzenesulfohydrazide
(RN) 80-17-1
(SY) porofor BSH
(HM) *BENZENESULFONATES
(NO) structure in first source

benzenesulfonamide
(RN) 98-10-2
(RR) 18522-93-5 (mono-Na salt)
(HM) *SULFONAMIDES
(PA) CARBONIC ANHYDRASE/antag

4-(2-(benzenesulfonamido)ethyl)phenoxyacetic acid see BM 13177

benzenesulfonate see benzenesulfonic acid

benzenesulfonic acid
(RN) 98-11-3
(RR) 515-42-4 (Na salt)
(RR) 934-54-3 (Ca salt)
(RR) 59640-41-4 (Fe(+3) salt)
(RR) 20199-75-1 (Zn salt, hexahydrate)
(RR) 19402-64-3 (NH4 salt)
(RR) 16067-68-8 (Mg salt)
(RR) 7645-18-3 (Zn salt)
(RR) 934-55-4 (K salt)
(SY) sodium benzenesulfonate
(SY) sodium benzenesulphonate
(SY) benzenesulfonate
(HM) *BENZENESULFONATES
(NO) RN given refers to parent cpd

Benzenesulfonic acid, 4-chloro-N-1H-1,2,4-triazol-3-yl- see Bay 08276

benzenethiosulfonate see benzenethiosulfonic acid

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benzenethiosulfonic acid
(RN) 1887-29-2
(SY) benzenethiosulfonate
(HM) *THIOSULFONIC ACIDS
(NO) RN given refers to Na salt; RN for parent cpd not in Chemline 2/7/84

benzene 1,2,3-tricarboxylic acid
(RN) 569-51-7
(RR) 51937-83-8 (unspecified Cu salt)
(HM) *TRICARBOXYLIC ACIDS
(HM) *BENZENE DERIVATIVES
(NO) RN given refers to parent cpd; structure

1,2,4-benzenetriol see hydroxyhydroquinone

benzestrol
(RN) 85-95-0
(SY) octestrol
(HM) HEXESTROL/*analogs

benzetamophylline see bamifylline

benzhydrazone
(RN) 76788-93-7
(RR) 72795-33-6 (di-HCl)
(SY) 1H-benz(f)indene-1,3(2H)dione-bis-amidinohydrazone
(HM) *HYDRAZONES
(NO) selective inhibitor of herpes simplex virus glycoprotein synthesis; RN given refers to parent cpd

benzhydrol see benzohydrol

benzhydro(f)quinoline
(HM) *QUINOLINES

benzhydro(g)quinoline
(HM) *QUINOLINES

benzhydroxamic acid
(RN) 495-18-1
(RR) 1005-00-1 (former CAS registry number)
(RR) 32685-16-8 (mono-K salt)
(RR) 32320-75-5 (Ca salt[2:1])
(RR) 22513-32-2 (mono-Na salt)
(HM) *HYDROXAMIC ACIDS
(NO) RN given refers to parent cpd

1-benzhydryl-4-allylpiperazine dihydrochloride see Aligeron

N'-benzhydryl-N"-allylpiperazine see Aligeron

6-(3-benzhydryl-5-methylisoxazolyl-4'-carboxyamido) penicillanic acid see bencylina-1

1-benzhydryl-4-(6-methyl-2-pyridylmethyleneimino) piperazine see ropizine

N-(2-benzhydryloxy)ethyl-N-methyl-(1-ethyl-2-(3-methoxyphenyl)ethyl)amine see HOE 263

benzhydrylsulfinylacetohydroxamic acid see CRL 40028

benzidine
(RN) 92-87-5
(RR) 21136-70-9 (sulfate)
(RR) 531-86-2 (monosulfate)
(RR) 531-85-1 (di-HCl)
(SY) benzidine hydrochloride
(HM) *BENZIDINES
(NO) RN given refers to parent cpd

benzidinediimine see benzidine-4,4'-diimine

benzidine-4,4'-diimine
(RN) 6050-16-4
(SY) benzidinediimine
(HM) *BENZIDINES
(PA) CARCINOGENS
(NO) structure given in first source

benzidine hydrochloride see benzidine

benzidine orange
(RN) 3520-72-7
(SY) orange Zh
(HM) *AZO COMPOUNDS
(PA) MUTAGENS
(II) DYES
(NO) structure given in first source

benzil
(RN) 134-81-6
(SY) diphenyl-alpha-beta-ketone
(SY) RSV
(HM) *PHENYLGLYOXAL/analogs
(PA) ANTINEOPLASTIC AGENTS
(NO) structure

1-benzilic-4,4'-quinuclidinyl benzilate
(SY) BQNB
(HM) *QUINUCLIDINYL BENZILATE/analogs

benzilonium bromide
(RN) 1050-48-2
(HM) *PYRROLIDINES
(PA) PARASYMPATHOLYTICS

benzimidazole
(RN) 51-17-2
(RR) 18227-18-4 (mono-HCl)
(RR) 56949-76-9 (mono-nitrate)
(HM) *BENZIMIDAZOLES
(NO) RN given refers to parent cpd

benzimidazolecarbamate methyl ester see mecarzole

3-(2-benzimidazolyl)alanine
(RN) 81440-45-1
(SY) 3-BIAL
(HM) ALANINE/*analogs
(NO) intermediate in the synthesis of LHFSHRH analogs; RN & structure given in first source; RN given refers to (R)-isomer; RN for cpd without isomeric designation not in Chemline 4/84

2-benzimidazolylguanidine
(RN) 5418-95-1
(RR) 32488-84-9 (di-HCl)
(SY) benzimidazolyl-2-guanidine
(SY) 2-guanidino-benzimidazole
(SY) 2-guanidinebenzimidazole
(HM) *GUANIDINES
(NO) effects chloride efflux in tissue; RN given refers to parent cpd

benzimidazolyl-2-guanidine see 2-benzimidazolylguanidine

N-(p-(2-benzimidazolyl)phenyl)maleimide see N-(4-(2-benzimidazolyl)phenyl)maleimide

N-(p-(benzimidazol-2-yl)phenyl)maleimide see N-(4-(2-benzimidazolyl)phenyl)maleimide

N-(4-(2-benzimidazolyl)phenyl)maleimide
(RN) 27030-97-3
(SY) N-(p-(benzimidazol-2-yl)phenyl)maleimide
(SY) BP-MAL
(SY) N-(p-(2-benzimidazolyl)phenyl)maleimide
(HM) *MALEIMIDES
(II) SULFHYDRYL REAGENTS
(NO) structure

benzin see naphtha

1H-benz(f)indene-1,3(2H)dione-bis-amidinohydrazone see benzhydrazone

benzine see naphtha

benzine BR-1 see naphtha

benzine BR-2 see naphtha

1,2-benzisothiazole-3-acetic acid
(RN) 29266-68-0
(SY) 1,2-benzisothiazol-3-yl-acetic acid
(HM) *THIAZOLES
(II) PLANT GROWTH REGULATORS

1,2-benzisothiazoline-3-one
(RN) 2634-33-5
(SY) benzisothiazolone
(HM) *THIAZOLES
(NO) preservative in plastic emulsion which causes contact dermatitis

benzisothiazolone see 1,2-benzisothiazoline-3-one

1,2-benzisothiazol-3-yl-acetic acid see 1,2-benzisothiazole-3-acetic acid

8-(4-(4-(1,2-benzisothiazol-3-yl)-1-piperazinyl)butyl) -8-azaspiro(4.5)decane-7,9-dione HCl see MJ 13859

1,2-benzisoxazole-3-acetamidoxime.HCl see PF-257

1,2-benzisoxazole-3-methanesulfonamide see zonisamide

2-(1,2-benzisoxazol-3-yl)-3-(2-(2-piperidinoethoxy) phenyl)acrylonitrile see SX 284

benzmetanide
(RN) 28395-11-1
(SY) 3-benzylamino-4-phenoxy-5-sulfamoylbenzoic acid
(HM) *SULFANILAMIDES
(PA) DIURETICS, SULFAMYL

benznidazole see benznidazole

benzoadenosine phosphates
(SY) linear benzoadenosine phosphates
(HM) *ADENINE NUCLEOTIDES
(NO) lin-prefix refers to linear disposition of adenine nucleus; structure

5,6-benzo-alpha-pyrone see coumarin

benzo(a)anthracene-3,4-dihydrodiol see benzanthracene-3,4-dihydrodiol

5,6-benzoarachidonic acid
(RN) 85924-33-0
(HM) *ARACHIDONIC ACIDS
(NO) inhibits the activity of lipoxygenase from intact human polymorphonuclear leukocytes; RN & structure from first source; RN not in Chemline 8/83

benzoate see benzoic acid

benzoate 1,2-dioxygenase
(RN) EC 1.13.99.2
(SY) benzoate hydroxylase
(HM) *OXYGENASES
(NO) benzoate to catechol

benzoate hydroxylase see benzoate 1,2-dioxygenase

benzobamil see benzamil

benzobamile see benzamil

benzobarbital
(RN) 744-80-9
(SY) Benzonal
(SY) benzoylluminal
(HM) *BARBITURATES
(NO) for drug therapy of epilepsy

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benzoclidine
(RN) 16852-81-6
(RR) 7348-26-7 (HCl)
(RR) 66-93-3 ((+-)-isomer)
(SY) oxylidin
(SY) oxilidine
(HM) *QUINUCLIDINES
(PA) HYPNOTICS AND SEDATIVES
(NO) Russian drug; RN given refers to parent cpd

2-benzocyclobutane-4,5-dihydro-1-H-imidazole see S 10089

benzodiazepine
(RN) 12794-10-4
(HM) *BENZODIAZEPINES

1H-1,4-Benzodiazepine, 7-bromo-5-(2-chlorophenyl)-2,3-dihydro-2-methoxy-1-methyl- see metaclazepam

6H-Benzo(g)(1,4)diazonino(7,6,5-cd)indol-6-one, 13-ethenyl-1,3,4,5,7,8,10,11,12,13-decahydro-4-(hydroxymethyl)-8,10,13-trimethyl-7,10-bis(1-methylethyl)-, (4S-(4R*,7R*,10R*,13R*))- see teleocidin

2-(6-(1,4-benzodioxanyl)amino)imidazoline maleate see RX 801074

2-(2-(1,4-benzodioxanyl))-2-imidazoline see RX 78109

N-(4-(1,4-benzodioxan-6-yl)-2-thiazolyl)oxamic acid ethanolamine salt see
N-(4-(1,4-benzodioxan-6-yl)-2-thiazolyl)oxamic acid

N-(4-(1,4-benzodioxan-6-yl)-2-thiazolyl) oxamic acid
(RN) 74604-77-6
(SY) N-(4-(1,4-benzodioxan-6-yl)-2-thiazolyl)oxamic acid ethanolamine salt
(SY) PRH 836 EA
(SY) PRH-836 EA
(HM) *THIAZOLES
(II) HYPERSENSITIVITY/drug ther
(NO) RN & structure from first source; RN given refers to ethanolamine salt; RN for parent cpd & ethanolamine salt not in Chemline 8/83

1,3-benzodioxole, 5-propyl- see dihydrosafrole

1,3-benzodioxole
(RN) 274-09-9
(HM) *DIOXOLES

5-(2-((3-(1,3-benzodioxol-5-yl)-1-methylpropyl)amino)-1-hydroxyethyl)-2-hydroxybenzamide see medroxalol

benzodixine see benzoral

benzododecinium see dimethyldodecylbenzylammonium

benzofac see VUFB 9682

benzofac VUFB see VUFB 9682

benzo fast pink 2BL see chlorazol fast pink

benzofenac see VUFB 9682

5,6-benzoflavone see beta-naphthoflavone

7,8-benzoflavone see alpha-naphthoflavone

Benzoflex 40 see isophorone polyurethane

benzo(b)fluoranthene
(RN) 205-99-2
(HM) *FLUORENES

benzo(j)fluoranthene
(RN) 205-82-3
(HM) *FLUORENES
(PA) CARCINOGENS
(NO) dihydrodiol metabolites identified as mutagens; structure given in first source

benzo(k)fluoranthene
(RN) 207-08-9
(HM) *FLUORENES

7,10-benzofluoranthene see benzo(ghi)fluoranthene

benzo(a)fluorene
(RN) 238-84-6
(SY) 11H-benzo(a)fluorene
(SY) 1,2-benzofluorene
(SY) chrysofluorene
(SY) alpha-naphthofluorene
(HM) *FLUORENES
(PA) CARCINOGENS
(NO) structure in first source

benzo(b)fluorene
(RN) 243-17-4
(SY) 11H-benzo(b)fluorene
(SY) 2,3-benzofluorene
(HM) *FLUORENES
(PA) CARCINOGENS
(NO) structure in first source

benzo(c)fluorene
(RN) 205-12-9
(SY) 3,4-benzofluorene
(SY) 7H-benzo(c)fluorene
(HM) *FLUORENES
(PA) CARCINOGENS
(NO) structure in first source

11H-benzo(a)fluorene see benzo(a)fluorene

11H-benzo(b)fluorene see benzo(b)fluorene

1,2-benzofluorene see benzo(a)fluorene

2,3-benzofluorene see benzo(b)fluorene

3,4-benzofluorene see benzo(c)fluorene

7H-benzo(c)fluorene see benzo(c)fluorene

benzofurazan
(RN) 273-09-6
(HM) *BENZOXAZOLES
(NO) structure

benzofurocaine
(HM) *ANESTHETICS, LOCAL
(NO) used for local & conduction anesthesia in general & microsurgical procedures; no other info available 2/13/84

benzofuroxan
(RN) 480-96-6
(SY) benzo-2-oxa-1,3-diazole-N-oxide
(HM) *BENZOXAZOLES
(II) SULFHYDRYL REAGENTS

2-benzofuryl-p-chlorophenylcarbinol see clobenfurol

benzogammapirone see flavodic acid

benzo(ghi)fluoranthene
(RN) 203-12-3
(SY) benzo(mno)fluoranthene
(SY) 7,10-benzofluoranthene
(HM) *FLUORENES
(PA) CARCINOGENS
(NO) structure in first source

benzo(ghi)perylene see 1,12-benzoperylene

benzohexamethonium see benzohexonium

benzohexonium
(RN) 971-60-8
(SY) hexamethonium bisbenzosulfonate
(SY) benzohexamethonium
(HM) *HEXAMETHONIUM COMPOUNDS
(NO) RN given refers to dibenzenesulfonate salt; see also hexamethonium: 60-26-4

benzohydrol
(RN) 91-01-0
(SY) benzhydrol
(HM) *BENZHYDRYL COMPOUNDS

benzoic acid
(RN) 65-85-0
(RR) 60345-74-6 (carboxy-(11)C-labeled cpd)
(RR) 15802-54-7 (3H-labeled cpd)
(RR) 1589-66-8 (carboxy-(14)C-labeled cpd)
(RR) 532-32-1 (Na benzoate)
(SY) benzoate
(SY) sodium benzoate
(SY) phenyl formate
(SY) potassium benzoate
(HM) *BENZOATES
(NO) salts also cited in this record; RN given refers to parent cpd

Benzoic acid, 3,4,5-trimethoxy-, 1,2-ethanediylbis(methylimino)(2-ethyl-2,1-ethanediyl)) ester, (S-(R*, R*))- see craviten

benzo(g)isoquinoline-5,10-dione
(RN) 46492-08-4
(SY) BGID
(HM) *ISOQUINOLINES
(PA) TERATOGENS
(NO) insect teratogen

1,2-benzoisothiazoline 1,1-dioxide
(RN) 936-16-3
(RR) 81913-89-5 (Na salt)
(SY) 1,2-BITDO
(HM) SACCHARIN/*analogs
(NO) RN given refers to parent cpd

benzomate
(RN) 29104-30-1
(HM) *BENZOATES
(HM) *IMIDOESTERS
(PA) INSECTICIDES

benzo(mno)fluoranthene see benzo(ghi)fluoranthene

benzomorphan receptor
(SY) receptor, benzomorphan
(SY) benzomorphan receptors
(HM) *RECEPTORS, ENDORPHIN

benzomorphan receptors see benzomorphan receptor

Benzonal see benzobarbital

benzonaphthyridine 7351 see pyronaridine

benzonaphthyridone
(RN) 28907-44-0
(RR) 28907-45-1 (HCl)
(SY) IF C-45
(SY) 10-(3-dimethylaminopropyl)-7-chlorobenzo(b)(1,8) naphthyrid-5-one
(HM) *NAPHTHYRIDINES
(PA) ANTIDEPRESSIVE AGENTS, TRICYCLIC
(NO) RN given refers to parent cpd

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benzonidazole
(RN) 22994-85-0
(SY) Ro 7-1051
(SY) benznidazole
(SY) Radanil
(HM) *NITROIMIDAZOLES
(PA) TRYPANOCIDAL AGENTS
(PA) MUTAGENS
(NO) used in treatment of Chagas' disease

benzonitrile
(RN) 100-47-0
(HM) *NITRILES

benzo-2-oxa-1,3-diazole-N-oxide see benzofuroxan

benzoperylene
(RN) 11057-45-7
(HM) *PERYLENE/analogs
(NO) see also record for 1,12-benzperylene

1,12-benzoperylene
(RN) 191-24-2
(SY) 1,12-benzperylene
(SY) benzo(ghi)perylene
(HM) *PERYLENE/analogs
(NO) structure; see also record for benzoperylene

benzo(c)phenanthrene
(RN) 195-19-7
(SY) 3,4-benzophenanthrene
(HM) *PHENANTHRENES
(PA) MUTAGENS

benzo(c)phenanthrene 1,2-dihydrodiol
(RN) 73093-22-8
(SY) 1,2-dihydroxy-1,2-dihydrobenzo(c)phenanthrene
(SY) 1,2-DDBP
(HM) *PHENANTHRENES
(NO) RN given refers to (trans)-isomer; RN for cpd without isomeric designation not in Chemline 8/29/83

benzo(c)phenanthrene 3,4-dihydrodiol
(RN) 73093-19-3
(RR) 81345-49-5 ((cis)-isomer)
(SY) 3,4-dihydroxy-3,4-dihydrobenzo(c)phenanthrene
(HM) *PHENANTHRENES
(PA) MUTAGENS
(NO) RN given refers to (trans)-isomer: RN for cpd without isomeric designation not in Chemline 8/29/83; structure in first source

benzo(c)phenanthrene 5,6-dihydrodiol
(RN) 73093-14-8
(SY) 5,6-dihydroxy-5,6-dihydroLenzo(c)phenanthrene
(SY) 5,6-DDBP
(HM) *PHENANTHRENES
(NO) RN given refers to (trans)-isomer; RN for cpd without isomeric designation not in Chemline 8/29/83

3,4-benzophenanthrene see benzo(c)phenanthrene

9,10-benzophenanthrene see triphenylene

benzophenone-4-maleimide
(HM) *BENZOPHENONES
(HM) *MALEIMIDES
(II) CROSS-LINKING REAGENTS
(NO) structure given in first source

benzophenone-3,3',4,4'-tetracarbonic acid see benzophenone-3,3',4,4'-tetracarboxylic acid

benzophenone-3,3',4,4'-tetracarboxylic acid
(SY) benzophenone-3,3',4,4'-tetracarbonic acid
(SY) B-3,4-TC
(HM) *BENZOPHENONES
(NO) photoradicals of above cpd are active in reduction of methemoglobin

benzopurpurine 4B
(RN) 992-59-6
(SY) C.I. direct red 2
(SY) direct red 2
(HM) *NAPHTHALENESULFONATES
(II) DYES
(NO) structure

benzopyranoperidine
(RN) 66556-74-9
(RR) 49637-08-3 (mono-HCl)
(SY) Abbott 40656
(SY) BW146Y
(HM) *BENZOPYRANS
(PA) ANALGESICS
(NO) has significant intraocular pressure lowering effect; tetrahydropyridobenzopyran derived from cannabinoid; RN given refers to parent cpd; structure

2-(5H-(1)benzopyrano(2,3-b)pyridin-7-yl)propionic acid see pyranoprofen

benzo(a)pyrene binding proteins see benzopyrene carrier protein

benzopyrene carrier protein
(SY) benzo(a)pyrene carrier protein
(SY) BP32
(SY) BP 32
(SY) benzo(a)pyrene binding proteins
(HM) *CARRIER PROTEINS

benzo(a)pyrene carrier protein see benzopyrene carrier protein

benzo(a)pyrene-11,12-dihydrodiol see 11,12-dihydro-11,12-dihydroxybenzo(a)pyrene

benzo(a)pyrene-4,5-dihydrodiol see 4,5-dihydroxy-4,5-dihydrobenzo(a)pyrne

benzo(a)pyrene-4,5-dihydrodiol see 4,5-dihydroxy-4,5-dihydrobenzo(a)pyrne

benzo(a)pyrene 7,8-dihydrodiol
(RN) 13345-25-0
(RR) 57404-88-3 ((trans)-isomer)
(RR) 60657-25-2 ((cis)-isomer)
(RR) 60864-95-1 ((7R-trans)-isomer)
(RR) 62314-67-4 ((7S-trans)-isomer)
(RR) 61443-57-0 ((trans)-(+-)-isomer)
(SY) BP-7,8 diol
(SY) 7,8-dihydroxy-7,8-dihydrobenzo(a)pyrene
(SY) 7,8-dihydro-7,8-dihydroxybenzopyrene
(SY) benzopyrene-7,8-dihydrodiol
(SY) trans-7,8-dihydroxy-7,8-dihydrobenzo(a)pyrene
(SY) 7,8-dihydro 7,8-dihydroxybenzo(a)pyrene
(SY) trans-benzopyrene 7,8-dihydrodiol
(SY) 7,8-dihydrobenzo(a)pyrene-7,8-diol
(HM) *BENZOPYRENES
(NO) RN given refers to cpd without isomeric designation

benzo(a)pyrene-9,10-dihydrodiol see 9,10-dihydro-9,10-dihydroxybenzo(a)pyrene

benzo(a)pyrene 7,8-dihydrodiol 9,10-epoxide
(RN) 55097-80-8
(RR) 64912-50-1 ((7alpha,8alpha,8abeta,9abeta)-isomer)
(RR) 63357-09-5 ((7alpha,8beta,8abeta,9abeta)-(-)-isomer)
(RR) 63323-31-9 ((7R(7alpha,8beta,8aalpha,9aalpha))-isomer)
(RR) 63323--30-8 ((7S-(7alpha,8beta,8aalpha,9aalpha))-isomer)
(RR) 63323-29-5 ((7S-(7alpha,8beta,8abeta,9abeta))-isomer)
(RR) 60268-86-2 ((7alpha,8beta,8abeta,9abeta)-isomer)
(RR) 60268-85-1 ((7alpha,8beta,8aalpha,9aalpha)-isomer)
(RR) 64912-49-8 ((7alpha,8alpha,8aalpha,9aalpha)-isomer)
(RR) 58917-91-2 ((7alpha,8beta,8abeta,9abeta)-(+-)-isomer)
(RR) 58917-67-2 ((7alpha,8beta,8aalpha,9aalpha)-(+-)-isomer)
(SY) r-7,t-8-dihydroxy-t-9,10-oxy-7,8,9,10-tetrahydrobenzo(a)pyrene
(SY) benzo(a)pyrene-7,8-diol-9,10-epoxide
(SY) benzo(a)pyrene-7,8-dihydrodiol-9,10-oxide
(SY) 7,8-dihydroxy-9,10-oxy-7,8,9,10-tetrahydrobenzo(a)pyrene
(SY) 7,8-dihydro-7,8-dihydroxybenzo(a)pyrene 9,10-oxide
(SY) 7,8-dihydroxy-9,10-epoxy-7,8,9,10-tetrahydrobenzo(a)pyrene
(SY) 7,8-BaP-9,10-diol epoxide
(SY) benzo(a)pyrenediol epoxide I
(SY) B(a)P 7,8-diol-9,10-epoxide
(SY) benzo(a)pyrene 7,8-diol-9,10-epoxide
(SY) anti-BaPDE
(SY) 7,8,8a,9a-tetrahydrobenzo(10,11)chryseno(3,4-b)oxirene-7,8-diol
(HM) *BENZOPYRENES
(PA) MUTAGENS
(PA) CARCINOGENS
(NO) RN given refers to cpd without isomeric designation; structure

benzo(a)pyrene-7,8-dihydrodiol-9,10-epoxide-DNA
(SY) DNA-benzo(a)pyrene-7,8-dihydrodiol-9,10-epoxide
(SY) BPDE-DNA
(HM) *BENZOPYRENES
(HM) *DNA
(NO) found in white blood cells of individuals exposed to benzo(a)pyrene

benzo(e)pyrene-trans-9,10-dihydrodiol see 9,10-dihydroxy-9,10-dihydrobenzo(e)pyrene

benzo(a)pyrene-7,8-dihydrodiol-9,10-oxide see benzo(a)pyrene 7,8-dihydrodiol 9,10-epoxide

trans-benzopyrene 7,8-dihydrodiol see benzo(a)pyrene 7,8-dihydrodiol

benzopyrene-7,8-dihydrodiol see benzo(a)pyrene 7,8-dihydrodiol

benzo(a)pyrenediol epoxide I see benzo(a)pyrene 7,8-dihydrodiol 9,10-epoxide

benzo(a)pyrene-7,8-diol-9,10-epoxide see benzo(a)pyrene 7,8-dihydrodiol 9,10-epoxide

benzo(a)pyrene 7,8-diol-9,10-epoxide see benzo(a)pyrene 7,8-dihydrodiol 9,10-epoxide

benzo(e)pyrene-9,10-diol-11,12-epoxide see 9,10-dihydroxy-11,12-epoxy-9,10,11,12-tetrahydrobenzo(e)pyrene

benzo(a)pyrene-6,12-dione see benzo(a)pyrene-6,12-quinone

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benzo(e)pyrene
(RN) 192-97-2
(SY) 1,2-benzo(e)pyrene
(HM) *BENZOPYRENES
(NO) RN given refers to parent cpd; RN in Chemline for benzo(e)pyrene-t: 6699-26-9

benzo(a)pyrene 4,5-epoxide
(RN) 37574-47-3
(RR) 67445-96-9 ((+-)-isomer)
(SY) benzo(a)pyrene 4,5-oxide
(SY) 4,5-dihydro-4,5-epoxybenzo(a)pyrene
(SY) 3b,4a-dihydrobenzo(1,2)pyreno(4,5-b)oxirene
(HM) *BENZOPYRENES
(NO) RN given refers to cpd with unspecifiedisomeric designation

benzo(a)pyrene 7,8-epoxide see benzo(a)pyrene 7,8-oxide

benzo(a)pyrene-3-O-glucuronide
(RN) 60262-81-9
(SY) Bp-3-g
(SY) 3-benzo(a)pyrenyl beta-glucopyranosiduronic acid
(SY) benzo(a)pyren-3-yl beta-D-glucopyranosiduronic acid
(HM) *BENZOPYRENES
(PA) MUTAGENS
(NO) RN given refers to (D)-isomer; RN for cpd without isomeric designation not in Chemline 800101

benzo(a)pyrene-6-methanol see 6-(hydroxymethyl)benzo(a)pyrene

benzo(a)pyrene 4,5-oxide see benzo(a)pyrene 4,5-epoxide

benzo(a)pyrene 7,8-oxide
(RN) 36504-65-1
(RR) 68907-98-2 ((6bS)-isomer)
(RR) 68906-82-1 ((6bR)-isomer)
(RR) 64437-54-3 ((+-)-isomer)
(SY) benzo(a)pyrene 7,8-epoxide
(HM) *BENZOPYRENES
(PA) CARCINOGENS
(PA) MUTAGENS
(NO) RN given refers to cpd without isomeric designation; structure given in first source

benzo(a)pyrene-3,6-quinol diglucuronide
(SY) BP-3,6-quinol-DGL
(HM) *BENZOPYRENES
(HM) *HYDROQUINONES
(NO) found in rat liver microsomes

benzo(a)pyrene-3,6-quinol glucuronide see benzo(a)pyrene-3,6-quinol monoglucuronide

benzo(a)pyrene-3,6-quinol monoglucuronide
(SY) benzo(a)pyrene-3,6-quinol glucuronide
(SY) BP-3,6-quinol-GL
(HM) *BENZOPYRENES
(HM) *HYDROQUINONES
(NO) found in rat liver microsomes

benzo(a)pyrene-3,6-quinone
(RN) 3067-14-9
(HM) *BENZOPYRENES

benzo(a)pyrene-6,12-quinone
(RN) 3067-12-7
(SY) benzo(a)pyrene-6,12-dione
(HM) *BENZOPYRENES
(NO) tautomerizes to the diol; structure

1,2-benzo(e)pyrene see benzo(e)pyrene

benzo(a)pyren-3-ol see 3-hydroxybenzo(a)pyrene

benzo(a)pyren-3-yl beta-D-glucopyranosiduronic acid see benzo(a)pyrene-3-O-glucuronide

3-benzo(a)pyrenyl beta-glucopyranosiduronic acid see benzo(a)pyrene-3-O-glucuronide

1,2-benzopyrone see coumarin

benzo(h)quinoline-5,6-dione
(RN) 65938-98-9
(SY) BHQD
(HM) *QUINOLINES
(PA) TERATOGENS
(NO) insect teratogen

benzo(f)quinoline
(RN) 85-02-9
(SY) 5,6-benzoquinoline
(HM) *QUINOLINES
(PA) MUTAGENS

benzo(h)quinoline
(RN) 230-27-3
(HM) *QUINOLINES
(PA) MUTAGENS

5,6-benzoquinoline see benzo(f)quinoline

p-benzoquinone see benzoquinone

benzoquinone
(RN) 106-51-4
(SY) para-benzoquinone
(SY) p-benzoquinone
(SY) 1,4-benzoquinone
(SY) quinone
(HM) *QUINONES

o-benzoquinone see 2-benzoquinone

1,4-benzoquinone-2,5-dimustard
(SY) 1,4-BQDM
(HM) *NITROGEN MUSTARD COMPOUNDS
(HM) *QUINONES
(PA) ANTINEOPLASTIC AGENTS
(NO) structure given in first source

2-benzoquinone dioxime
(SY) ortho-benzoquinone dioxime
(HM) *OXIMES

1,4-benzoquinone guanylhydrazone thiosemicarbazone
(RN) 539-21-9
(HM) MITOGUAZONE/*analogs
(PA) ANTINEOPLASTIC AGENTS
(NO) structure given in first source

p-benzoquinone hydrolyzed mustard see 2-(bis(2-hydroxyethyl)amino)-1,4-benzoquinone

p-benzoquinone mustard see 2-(bis(2-chloroethyl)amino)-1,4-benzoquinone

1,4-benzoquinone see benzoquinone

2-benzoquinone
(RN) 583-63-1
(SY) o-benzoquinone
(HM) *QUINONES
(II) INDICATORS AND REAGENTS
(NO) reacts with methionines of RNAase at pH 1; reagent for determining conformational differences in related proteins

benzoquinonium
(RN) 7554-16-7
(RR) 311-09-1 (di-Chloride)
(SY) (2,5-benzoquinonylenebisiminotrimethylene)bis (benzyldiethylammonium)
(HM) *AMMONIUM COMPOUNDS
(PA) MUSCLE RELAXANTS, CENTRAL
(NO) RN given refers to parent cpd; structure

5-(4-benzoquinonyl)-2'-deoxyuridine 5'-phosphate
(RN) 87414-22-0
(SY) 5-BQDP
(HM) *DEOXYURACIL NUCLEOTIDES
(PA) THYMIDYLATE SYNTHETASE
(NO) structure given in first source

(2,5-benzoquinonylenebisiminotrimethylene)bis (benzyldiethylammonium) see benzoquinonium

benzoral
(RN) 1843-82-9
(RR) 60196-87-4 (maleate)
(SY) benzodixine
(HM) *ADRENERGIC BETA RECEPTOR BLOCKADERS
(NO) Russian drug; no other information available; RN given refers to parent cpd

benzo(rst)pentaphene see dibenzo(a,i)pyrene

2,1,3-benzoselenadiazole see piaselenole

Benzotef see benzo-tepa

benzo-tepa
(RN) 4110-66-1
(SY) Benzotef
(HM) TEPA/*analogs
(PA) ANTINEOPLASTIC AGENTS
(NO) structure

benzotest see testosterone 17-cyclohexanecarboxylate

2-(1,2,3-benzothiadiazol-5-yl)-7-chloro-4-hydroxy-1,2-dihydrophthalazin-1-ylacetic acid see BTS 39542

benzothiazide
(RN) 91-33-8
(SY) benzthiazide
(HM) *BENZOTHIADIAZINES
(PA) DIURETICS, THIAZIDE
(NO) structure

benzothiazole
(RN) 95-16-9
(HM) *THIAZOLES
(NO) structure

3-(2-benzothiazolyl)alanine
(RN) 81440-41-7
(SY) 3-BTAL
(HM) ALANINE/*analogs
(NO) intermediate in the synthesis of LHFSHRH analogs; RN & structure given in first source; RN given refers to (R)-isomer; RN for cpd without isomeric designation not in Chemline 4/84

2-(2-benzothiazolylazo)-5-dimethylaminobenzoic acid
(SY) BTAMB
(HM) *THIAZOLES
(HM) DIMETHYLAMINOAZOBENZENE/*analogs
(II) INDICATORS AND REAGENTS
(NO) used for the determination of cobalt in pepperbush leaves & coal fly ashes; structure given in first source

benzothiazolyl-2-azomethylketoxime
(RN) 76128-51-3
(SY) azomethylketoxime benzothiazole
(SY) BTAMK
(HM) *AZO COMPOUNDS
(II) INDICATORS AND REAGENTS
(NO) reagent which forms complex with cobalt for determination of cobalt in biological substrates; structure given in first source

N-(2-benzothiazolyl)-N,N'-dimethylurea see methabenzthiazuron

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2-(2'-benzothiazolyl)-5-styryl-3-(4'-phthalhydrazidyl) tetrazolium chloride see BSPT salt

(4-(1-benzothiophen-3-yl-methylthio)-3-methyl-3H-imidazo(4,5-c)pyridine) see EMD 41717

benzotriazole
(RN) 27556-51-0
(HM) *TRIAZOLES
(NO) inhibitor of atmospheric metal corrosion; also component of motion picture film & "Neva" brake fluid

benzotrichloride
(RN) 98-07-7
(RR) 61878-57-7 (cpd with unspecified chlorine locants)
(HM) TOLUENE/*analogs
(NO) structure

benzotrifluoride
(RN) 98-08-8
(HM) *FLUOROBENZENES

benzotriphenylene
(RN) 215-58-7
(SY) 1,2,3,4-dibenzanthracene
(SY) dibenz(a,c)anthracene
(SY) benzo(b)triphenylene
(HM) *BENZANTHRACENES

benzo(b)triphenylene see benzotriphenylene

benzotript see benzotripte

benzotripte
(RN) 39544-74-6
(SY) benzotript
(SY) N-(4-chlorobenzoyl)-L-tryptophan
(HM) *BENZAMIDES
(PA) ANTI-ULCER AGENTS
(NO) anti-gastrinic; active group is amide; structure

benzoxazolone
(RN) 59-49-4
(RR) 20129-18-4 (Zn salt)
(SY) benzoxazolone-2
(HM) *BENZOXAZOLES
(NO) RN given refers to parent cpd; structure

benzoxazolone-2 see benzoxazolone

3-(2-benzoxazolyl)alanine
(RN) 88549-23-9
(SY) 3-BOAL
(HM) ALANINE/*analogs
(NO) intermediate in the synthesis of LHFSHRH analogs; RN & structure given in first source; RN given refers to acetate salt (R)-isomer; RN for parent cpd without isomeric designation not in Chemline 4/84

benzoxazolyl-2-formyl-S-ethyl-isothiosemicarbazone see Zimet 111-74

N-(4-(2-benzoxazolyl)phenyl)maleimide
(RN) 16707-41-8
(SY) BOPM
(HM) *MALEIMIDES
(II) SULFHYDRYL REAGENTS

benzoylamido-4'-aminostilbene-2,2'-disulfonate
(RN) 25431-18-9
(SY) 4-benzamido-4'-aminostilbene-2,2'-disulfonate
(SY) BADS
(HM) *STILBENES
(II) FLUORESCENT DYES

5-(benzoylamino)-N-(4-chlorophenyl)-3-methyl-4-isothiazolecarboxamide
(RN) 51287-57-1
(SY) BACPMI
(SY) wratizolin
(SY) ITCL
(HM) *THIAZOLES
(PA) ANTI-INFLAMMATORY AGENTS
(PA) ANTIVIRAL AGENTS

N-benzoyl-L-argininamide see N-alpha-benzoylarginineamide

N-benzoylarginine-3-amino-9-ethylcarbazole
(RN) 82576-33-8
(SY) Bz-Arg-AEC
(HM) *CARBAZOLES
(II) FLUORESCENT DYES
(NO) fluorogenic substrate

benzoyl arginine-beta-naphthylamidase
(RN) EC 3.4.11.-
(SY) N-benzoyl-arginine-2-naphthylamide hydrolyzing enzyme
(SY) BANA-hydrolyzing enzyme
(SY) N-benzoylarginine-2-naphthylamide hydrolase
(SY) beta-naphthylamidase
(HM) *AMINO ACID NAPHTHYLAMIDASES
(NO) used to test cathepsin B1 activity

benzoylarginine ethyl ester
(RN) 971-21-1
(RR) 15773-22-5 (Na salt.HCl)
(RR) 5722-01-0 ((DL)-isomer)
(RR) 2645-08-1 (mono-HCl)
(RR) 23745-91-7 ((D)-isomer)
(SY) BAEE
(SY) ethyl-alpha-N-benzoyl-L-arginate
(SY) benzoyl-L-arginine ethyl ester
(HM) ARGININE/*analogs
(NO) used as substrate for trypsin; RN given refers to parent cpd

benzoylarginine ethyl esterase
(RN) EC 3.1.1.-
(SY) benzoylarginine ethyl esterase
(SY) BAEE esterase
(SY) N-benzoyl-L-arginine ethyl ester hydrolase
(HM) *CARBOXYLIC ESTER HYDROLASES

benzoylarginine ethyl esterase see benzoylarginine ethyl esterase

N-benzoyl-L-arginine ethyl ester hydrolase see benzoylarginine ethyl esterase

benzoyl-L-arginine ethyl ester see benzoylarginine ethyl ester

N-benzoyl-L-arginine
(RN) 154-92-7
(RR) 6453-58-3 ((DL)-isomer)
(HM) ARGININE/*analogs
(NO) RM given refers to (l)-isomer; RN for cpd without isomeric designation not in Chemline 5/83; structure

benzoyl L-arginine methyl ester
(RN) 967-88-4
(RR) 5722-00-9 ((DL-Arg)-isomer)
(RR) 1784-04-9 (HCl(L-Arg)-isomer)
(SY) BAME
(HM) ARGININE/*analogs
(NO) RN given refers to (L-Arg)-isomer; RN for cpd without isomeric designation not in Chemline 12/20/83

N-benzoylarginine-2-naphthylamide hydrolase see benzoyl arginine-beta-naphthylamidase

N-benzoyl-arginine-2-naphthylamide hydrolyzing enzyme see benzoyl arginine-beta-naphthylamidase

benzoylated cellulose
(RN) 9032-47-7
(HM) CELLULOSE/*analogs
(NO) used in chromatography

2-benzoylbenzaldehyde
(SY) ortho-benzoylbenzaldehyde
(HM) *BENZALDEHYDES
(II) FLUORESCENT DYES
(NO) fluorogenic reagent; structure given in first source

6-benzoylbenzoxazolidinone see CERM 10194

3'-O-(4-benzoyl)benzoyladenosine diphosphate
(SY) 3'-O-(4-benzoyl)benzoyl-ADP
(SY) BzADP
(HM) ADENOSINE DIPHOSPHATE/*analogs
(II) AFFINITY LABELS

3'-O-(4-benzoyl)benzoyladenosine 5'-triphosphate
(RN) 81790-82-1
(SY) 3'-O-(4-benzoyl)benzoyl ATP
(SY) BzATP
(HM) ADENOSINE TRIPHOSPHATE/*analogs
(II) AFFINITY LABELS
(NO) structure given in first source

3'-O-(4-benzoyl)benzoyl-ADP see 3'-O-(4-benzoyl)benzoyladenosine diphosphate

3'-O-(4-benzoyl)benzoyl ATP see 3'-O-(4-benzoyl)benzoyladenosine 5'-triphosphate

3-benzoyl-N-beta-ethoxyisopropyl-2-methylindole see TEI-4120

benzoyl chloride
(RN) 98-88-4
(HM) *BENZOATES
(NO) potential carcinogens in manufacturing process

2-(2-benzoyl-4-chlorophenoxy)-N-methylpropionamide
(SY) 2-BCMPA
(HM) *BENZOPHENONES
(NO) induces phenotypic changes

benzoyl-CoA see benzoyl-coenzyme A

benzoyl-coenzyme A
(RN) 6756-74-7
(RR) 30805-45-9 (14C-labeled cpd)
(SY) benzoyl-CoA
(SY) coenzyme A, benzoyl
(HM) *ACYL COENZYME A
(NO) RN given refers to unlabeled cpd

3-benzoyldifluoromethanesulfonanilide sodium see diflumidone

5-benzoyl-2,3-dihydro-6-hydroxy-1H-indene-1- carboxylic acid see CGP 6258

5-benzoyl-1,2-dihydro-3H-pyrrolo(1,2a)pyrrole-1-carboxylic acid see RS 37619

benzoyl ecgonine
(RN) 519-09-5
(RR) 60305-56-8 ((1R-(2-endo,3-exo))-isomer)
(SY) benzoylecgonine
(HM) COCAINE/*analogs
(NO) cocaine is benzoyl methyl ecgonine; RN given refers to (1R-(exo,exo))-isomer; RN for cpd without isomeric designation not in Chemline 12/21/83; structure

benzoylecgonine see benzoyl ecgonine

(2-benzoylethyl)trimethylammonium iodide see (2-benzoylethyl)trimethylammonium

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(2-benzoylethyl)trimethylammonium
(RN) 24472-88-6
(RR) 5724-15-2 (iodide)
(RR) 18698-45-8 (methyl sulfate)
(RR) 67190-44-7 (chloride)
(SY) (2-benzoylethyl)trimethylammonium iodide
(HM) ACETYLCHOLINE/*analogs
(PA) CHOLINE ACETYLTRANSFERASE/antag
(NO) inhibitor of choline acetyltransferase; RN given refers to parent cpd

benzoylformate decarboxylase
(RN) EC 4.1.1.7
(RR) 9025-00-7 (CRN)
(SY) phenylglyoxylate carboxy-lyase
(HM) *CARBOXY-LYASES

benzoylformic acid see phenylglyoxylic acid

benzoyl glucuronide
(RN) 19237-53-7
(HM) *BENZOATES
(NO) RN given refers to (beta-D)-isomer; RN for cpd without isomeric designation not in Chemline 8/2/83

N-benzoylglycine methylthio ester
(SY) NBGMTE
(HM) *HIPPURATES
(NO) contains C=S at the ester function

N-(N-(N-benzoylglycyl)-L-histidinyl)-L-leucine see hippuryl-histidyl-leucine

benzoyl-Ile-Glu-Gly-Arg-p-nitroanilide see S 2222

'benzoyl-indolizine' see butoprozine

'benzoylindolizine' see butoprozine

benzoylluminal see benzobarbital

benzoylmetronidazole
(RN) 13182-89-3
(HM) METRONIDAZOLE/*analogs

1-benzoyl-3-(1-(2-naphthylmethyl)-4-piperidyl)urea see panuramine

dl-cis-1-benzoyloxy-2-dimethylamino-1,2,3,4-tetrahydronaphthalene see YAU-17

5-(benzoyloxy)-3,3a,4,5,6,6a-hexahydro-4-(3-oxo-1-octenyl)-2H-cyclopenta(b)furan-2-one
(RN) 40834-86-4
(SY) BHOOCFO
(SY) (1-4)beta-(3'-oxo-octen-1')-5alpha-benzoyloxy-3,3abeta,4,5,6,6abeta-hexahydro-2H-cyclopenta(b) furan-2-one
(HM) *CYCLOPENTANES
(NO) RN given ref (3aR-(3aalpha,4alpha(E),5beta,6aalpha))-isomer; RN for cpd without isomeric designation not in Chemline 7/84; structure given in first source

N-benzoyloxy-MAB see N-benzoyloxy-N-methyl-4-aminoazobenzene

N-benzoyloxy-N-methyl-4-aminoazobenzene
(RN) 6098-46-0
(SY) N-benzoyloxy-MAB
(HM) *P-AMINOAZOBENZENE/analogs
(PA) CARCINOGENS

benzoyloxymethyl-thiamine see BT 851

benzoyloxymethylthiamine see BT 851

3-(benzoyloxymethylthio)-4-(N(2-methyl-4-amino-5-pyrimidinomethyl)-N-formyl)amino-delta-(3)-pentenol see BT 851

benzoyl-Phe-Ala-Pro see benzoylphenylalanyl-alanyl-proline

N-benzoyl-Phe-Gly-Pro see N-benzoylphenylalanyl-glycyl-proline

N-(2-benzoylphenyl)alanine
(RN) 76477-50-4
(SY) N-benz-Phe
(HM) PHENYLALANINE/*analogs
(NO) RN given from first source; RN not in Chemline 11/84; structure given in first source

benzoylphenylalanyl-alanyl-proline
(RN) 69677-91-4
(SY) BPAAP
(SY) benzoyl-Phe-Ala-Pro
(HM) *OLIGOPEPTIDES
(NO) synthetic angiotensin converting enzyme substrate

N-benzoylphenylalanyl-glycyl-proline
(RN) 74075-25-5
(SY) N-benzoyl-Phe-Gly-Pro
(SY) BPGP
(HM) *OLIGOPEPTIDES
(PA) KININASE II/antag

N-benzoyl-L-phenylalanyl-L-valyl-L-arginine-p-nitroanilide see S 2160

3-(4-benzoylphenyl)propionyl-phenylalanine-tRNA see tRNA, 3-(4-benzoylphenyl)propionyl-phenylalanine-

3-(4-benzoylphenyl)propionyl-phenylalanyl-tRNA see tRNA, 3-(4-benzoylphenyl)propionyl-phenylalanine-

benzoyl-Phe-Val-Arg-p-nitroanilide see S 2160

N-benzoylphosphotriamide
(HM) *ORGANOPHOSPHORUS COMPOUNDS
(PA) UREASE/antag

N-benzoylpiperidine
(RN) 776-75-0
(HM) *PIPERIDINES
(II) INSECT REPELLENTS

benzoyl-prolyl-phenylalanyl-arginine-p-nitroanilide see chromozym PK

benzoylprop-ethyl
(RN) 38561-59-0
(SY) Suffix
(HM) *ANILINE COMPOUNDS
(PA) HERBICIDES
(NO) structure

benzoyl-Pro-Phe-Arg-p-nitroanilide see chromozym PK

3-benzoylpyridine
(RN) 5424-19-1
(HM) *PYRIDINES
(NO) decomposition product of the soman antidote HGG-12; structure given in first source

9-benzoyl-1,2,3,4-tetrahydro-6-methoxycarbazole-3-carboxylic acid see oxarbazole

benzoyltropeine see tropacocaine

N-benzoyltyrosine butylamide
(HM) TYROSINE/*analogs

benzoyltyrosine ethyl ester
(RN) 3483-82-7
(HM) TYROSINE/*analogs

N-benzoyl-L-tyrosyl-p-aminobenzoic acid see bentiromide

N-benzoyl-L-tyrosyl-PABA see bentiromide

1,12-benzperylene see 1,12-benzoperylene

N-benz-Phe see N-(2-benzoylphenyl)alanine

benzphetamine demethylase see benzphetamine N-demethylase

benzphetamine N-demethylase
(RN) EC 1.5.-
(SY) benzphetamine demethylase
(HM) *OXIDOREDUCTASES, N-DEMETHYLATING

benzthiazide see benzothiazide

benztropine mesylate see benzatropine methanesulfonate

benzyl 2-acetamido-3-O-(3-O-(2-acetamido-2-deoxy-beta glucopyranosyl)-beta galactopyranosyl)-2-deoxy-alpha galactopyranoside
(SY) BAADGGG
(HM) *TRISACCHARIDES
(NO) synthetic mucin fragment; structure given in first source

benzyl 2-acetamido-6-O-(2-acetamido-2-deoxy-beta glucopyranosyl)-2-deoxy-3-O-beta fucopyranosyl-alpha galactopyranoside
(SY) BADGFG
(HM) *TRISACCHARIDES
(NO) structure given in first source

benzyl 2-acetamido-2-deoxy-3-O-beta fucopyranosyl-alpha-galactopyranoside
(SY) BADFG
(HM) *DISACCHARIDES
(NO) structure given in first source

benzyl acetate
(RN) 140-11-4
(SY) acetic acid benzyl ester
(HM) *BENZYL COMPOUNDS
(II) AIR POLLUTANTS, OCCUPATIONAL

benzyl-2-acetoxyethyl-2'-chloroethylamine
(RN) 83404-59-5
(SY) BZACEA
(HM) ACETYLCHOLINE/*analogs
(NO) acetylcholine mustard analog; structure given in first source

5-benzylacyclouridine
(RN) 82857-69-0
(SY) 5-benzyl-1-(2'-hydroxyethoxymethyl)uracil
(SY) 5-BACU
(HM) URACIL/*analogs
(PA) URIDINE PHOSPHORYLASE/antag
(NO) structure given in first source

benzyladenine
(RN) 1214-39-7
(SY) 6-benzylaminopurine
(HM) ADENINE/*analogs
(II) CYTOKININS
(II) PLANT GROWTH REGULATORS

N(6)-benzyladenosine
(RN) 4294-16-0
(RR) 56527-40-3 (HCl)
(HM) ADENOSINE/*analogs
(NO) RN given refers to parent cpd

benzyl alcohol
(RN) 100-51-6
(RR) 67939-78-0 (Ge(+4) salt)
(HM) *BENZYL ALCOHOLS
(NO) RN given refers to parent cpd; structure in Merck Index, 9th ed, #1138

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4-benzyl-alpha-(p-hydroxyphenyl)-beta-methyl-1-piperidineethanol see ifenprodil

benzylamine
(RN) 100-46-9
(RR) 3287-99-8 (HCl)
(RR) 2208-34-6 (monosulfate)
(HM) *BENZYLAMINES
(NO) RN given refers to parent cpd

4-benzylaminesulfonic acid
(RN) 2393-24-0
(SY) para-benzylaminesulfonic acid
(HM) *BENZYLAMINES
(NO) structure given in first source

benzyl-(1-amino-3-chloro-2-propanol)
(SY) BACP
(HM) *BENZYLAMINES
(NO) structure given in first source

8-benzylamino-cyclic AMP
(RN) 31319-90-1
(SY) 8-(phenylmethyl)amino-cyclic AMP
(SY) 8-(phenylmethyl)amino-cyclic adenosine monophosphate
(HM) ADENOSINE CYCLIC MONOPHOSPHATE/*analogs

3-benzylamino-5,6-dihydro-8,9-dimethoxyimidazo-5,1a-isoquinoline see HE-36

benzylaminododecylguanine
(SY) BADGH
(HM) GUANINE/*analogs
(PA) ADENOSINE DIPHOSPHATE RIBOSE/antag

3-benzylamino-4-phenoxy-5-sulfamoylbenzoic acid see benzmetanide

6-benzylaminopurine see benzyladenine

benzylamphetamine
(RN) 57378-23-1
(RR) 40816-61-3 ((-)-isomer)
(RR) 15062-72-3 ((+)-isomer)
(SY) desmethylbenzphetamine
(HM) *BENZPHETAMINE/analogs
(NO) RN given refers to parent cpd

benzylarginine ethyl ester
(RN) 31932-83-9
(HM) ARGININE/*analogs

benzyl benzoate
(RN) 120-51-4
(SY) novoscabin
(HM) *BENZOATES
(NO) structure

benzyl-beta-D-xyloside
(RN) 10548-61-5
(RR) 18403-12-8 ((alpha-D)-isomer)
(HM) *GLYCOSIDES
(NO) RN given refers to (beta-D)-isomer; RN for cpd without isomeric designation not in Chemline 12/21/83

benzyl bromide
(RN) 100-39-0
(RR) 28807-97-8 (duplicate RN)
(HM) *BENZYL COMPOUNDS
(NO) structure given in first source

1-benzyl-3-carbamido-1,4-dihydropyridine see benzyldihydronicotinamide

benzyl chloride
(RN) 100-44-7
(RR) 32396-45-5 (14C-labeled cpd)
(HM) *BENZYL COMPOUNDS
(NO) RN given refers to unlabeled cpd

benzyl chloroformate see carbobenzoxy chloride

o-benzyl-p-chlorophenol see clorophene

2-benzyl-4-chlorophenol see clorophene

N-benzyl-N-(3-(4-chlorophenoxy)-2-hydroxypropyl)glycine
(SY) NBG-CGE
(HM) GLYCINE/*analogs
(II) RESINS, SYNTHETIC
(II) DENTAL MATERIALS
(II) PIT AND FISSURE SEALANTS
(NO) structure given in first source

3-benzyl-6-chloro-2-pyrone
(RN) 85533-80-8
(SY) 3-BCP
(HM) *PYRONES
(PA) CHYMOTRYPSIN/antag
(NO) structure given in first source

8-S-benzyl cyclic AMP see 8-thio-benzyl cyclic AMP

S-benzylcysteine
(RN) 3054-01-1
(RR) 64791-64-6 (2-(13)C-labeled cpd
(SY) S-benzyl-L-cysteine
(HM) CYSTEINE/*analogs

S-benzyl-L-cysteine see S-benzylcysteine

S-benzyl-L-cysteine-4'-nitroanilide
(RN) 7436-62-6
(HM) CYSTEINE/*analogs
(NO) substrate for cystine aminopeptidase

benzyldihydronicotinamide
(RN) 952-92-1
(SY) 1-benzyl-3-carbamido-1,4-dihydropyridine
(HM) NICOTINAMIDE/*analogs
(NO) struoture

1-benzyl-1,7-dihydroxy-3-(dimethylamino)-2,2-dimethyl-1,2,3,4-tetrahydronaphthalene see FAT 17

S-benzyl-O,O'-diisopropylphosphorothiolate see kitazin P

N-benzyl-N,N-dimethylamine
(RN) 103-83-3
(HM) *BENZYLAMINES
(II) IRRITANTS

benzyldimethyl-n-hexadecylammonium chloride see cetyldimethylbenzylammonium

2-benzyl-1,4-dimethyl-5-hydroxymethyl-2,5-epi-dithia-3,6-diketopiperazine see hyalodendrin

1-benzyl-2,3-dimethyl-indole-5-carboxylic acid 2-(dimethylamino)ethyl ester see indocate

N-benzyl-N-dodecylbis-(beta-hydroxyethyl)ammonium chloride see Bradophen

benzyldodecyldimethylammonium chloride see dimethyldodecylbenzylammonium

DL-2-benzyl-3-formylpropanoic acid see 2-benzyl-3-formylpropanoic acid

2-benzyl-3-formylpropanoic acid
(SY) BFP
(SY) DL-2-benzyl-3-formylpropanoic acid
(HM) *PHENYLPROPIONATES
(NO) competitive inhibitor of carboxypeptidase A; structure given in first source

5-benzyl-3-furylmethyl(1.R)-cis-chrysanthemate see cismethrin

(5-benzyl-3-furyl)methyl 2,2-dimethyl-3-(2-methylpropenyl)cyclopropemecarboxylate see resmethrin

S-benzylglutathione
(RN) 6803-17-4
(HM) GLUTATHIONE/*analogs
(NO) RN given refers to (all L)-isomer; RN for cpd without isomeric designation not in Chemline 5/85

benzyl 4-guanidinothiobenzoate.HCl see benzyl 4-guanidinothiobenzoate

benzyl 4-guanidinothiobenzoate
(RN) 88142-50-1
(SY) benzyl 4-guanidinothiobenzoate.HCl
(SY) GBZ-SBZL
(HM) *GUANIDINES
(NO) active-site titrant for trypsin & trypsin-like enzymes; structure given in first source

benzylhydrazine
(RN) 555-96-4
(RR) 1073-62-7 (mono-HCl)
(RR) 20570-96-1 (di-HCl)
(HM) *HYDRAZINES
(NO) RN given refers to parent cpd

benzylhydrochlorothiazide
(RN) 1824-50-6
(SY) BHCTh
(HM) HYDROCHLOROTHIAZIDE/*analogs

benzyl hydrodisulfide
(HM) *DISULFIDES
(PA) CYTOCHROME P-450/antag
(NO) structure given in first source

5-benzyl-1-(2'-hydroxyethoxymethyl)uracil see 5-benzylacyclouridine

benzylideneacetone
(RN) 122-57-6
(RR) 1896-62-4 ((E)-isomer)
(RR) 937-53-1 ((Z)-isomer)
(SY) 4-phenylbutenone
(SY) benzalacetone
(HM) *BUTANONES
(NO) RN given refers to cpd without isomeric; structure in Merck Index, 9th ed, #1153

4,4'-benzylidenebis(N,N-dimethylaniline) see leucomalachite green

benzylidene glucose
(RN) 25152-90-3
(SY) 4,6-benzylidene-D-glucose
(HM) GLUCOSE/*analogs
(PA) ANTINEOPLASTIC AGENTS

4,6-benzylidene-D-glucose see benzylidene glucose

N-benzylidene-2-methylpropylamine n-oxide see phenyl-N-tert-butylnitrone

1-benzylidinyl-7-hydroxy-3-(N-dimethyl-N-cyclopropanemethylamino)-2,2-dimethyl-1,2,3,4-tetrahydronaphthalene see FAT 16

1-benzylimidazole
(RN) 4238-71-5
(HM) *IMIDAZOLES
(PA) ADRENERGIC ALPHA RECEPTOR BLOCKADERS
(NO) inhibits human thromboxane synthetase

benzylisobutylcarbinol see 4-methyl-1-phenylpentan-2-ol

benzyl isothiocyanate
(RN) 622-78-6
(HM) *THIOCYANATES
(NO) inhibits carcinogen-induced neoplasia; structure in Negwer, 5th ed, #715

benzylisothiocyanate cysteine conjugate see S-(N-benzylthiocarbamoyl)cysteine

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benzylisothiocyanato-EDTA see 4-(2,3-bis(bis(carboxymethylamino))propyl)phenyl isothiocyanate

2-benzylmalic acid
(RN) 16947-49-2
(SY) alpha-benzylmalic acid
(HM) *MALATES
(PA) CARBOXYPEPTIDASES/antag
(NO) from Streptomyces hygroscopicus

1-(benzylmethlamino)-3-(alpha,alpha, alpha-trifluoro-3-tolyl)oxy-2-propanol
(RN) 5214-61-9
(SY) Compound 1002
(SY) Upjohn Compound 1002
(SY) U 1002
(SY) U-1002
(HM) *PROPANOLAMINES
(PA) PHOSPHOLIPASES A/antag

2-benzyl-3-(4-methoxybenzoyl)propionic acid
(RN) 68973-52-4
(RR) 68973-53-5 ((S)-isomer)
(SY) 2-BMBP
(SY) 2 BMBP
(HM) *PHENYLPROPIONATES
(NO) substrate analog of carboxypeptidase A; RN & N1 from 9th CI Form Index & refer to (R)-isomer; cpd not in Chemline 10/30/80; structure in first source

N-benzyl-N-methylamine see N-methylbenzylamine

2-(N-benzyl-N-methylamino)-ethyl methyl 2,6-dimethyl-4-(m-nitrophenyl)-1,4-dihydropyridine-3,5- dicarboxylate hydrochloride see nicardipine

benzyl methyl ketone see 1-phenyl-2-propanone

cis-N-(1-benzyl-2-methylpyrrolidin-3-yl)-5-chloro-2-methoxy-4-methylaminobenzamide see YM-09151-2

N-benzylnitrosourea
(RN) 775-11-1
(HM) *NITROSOUREA COMPOUNDS
(PA) MUTAGENS

benzyloxyamine
(RN) 622-33-3
(RR) 2687-43-6 (HCl)
(HM) *HYDROXYLAMINES
(NO) RN given refers to parent cpd

5-benzyloxybenzylacyclouridine
(RN) 82857-75-8
(SY) 5-(m-benzyloxybenzyl)-1-(2'-hydroxyethoxymethyl) uracil
(SY) 5-BBAU
(SY) 2,4(1H,3H)-Pyrimidinedione, 1-((2-hydroxyethyoxy)methyl)-5-((3-(phenylmethoxy) phenyl)methyl)-
(HM) URACIL/*analogs
(PA) URIDINE PHOSPHORYLASE/antag
(NO) structure given in first source

5-(m-benzyloxybenzyl)-1-(2'-hydroxyethoxymethyl)uracil see 5-benzyloxybenzylacyclouridine

benzyloxycarbonylalanyl-alanyl-proline diazomethyl ketone
(RN) 77180-12-2
(SY) Z-Ala-Ala-ProCHN2
(HM) DIAZOMETHANE/*analogs
(PA) PROTEASE INHIBITORS

benzyloxycarbonyl-alanyl-leucyl-arginine-2-naphthylamide
(RN) 75873-86-8
(SY) Z-Ala-Leu-Arg-2-naphthylamide
(HM) *OLIGOPEPTIDES

7-(N-benzyloxycarbonyl-L-argininamido)-4- methylcoumarin
(SY) Cbz-Arg-MC
(HM) *COUMARINS
(II) FLUORESCENT DYES
(NO) fluorogenic substrate for serine proteinases

N-benzyloxycarbonyl-L-argininamidorhodamine
(RN) 87533-95-7
(SY) (Cbz-ARG-NH)2-rhodamine
(SY) bis(N-benzyloxycarbonyl-L-argininamide)rhodamine
(HM) *RHODAMINES
(II) FLUORESCENT DYES
(NO) fluorogenic substrate for serine proteinases; structure given in first source

N-benzyloxycarbonylarginine 4-nitrophenyl ester
(SY) N-(alpha)-carbobenzoxyarginine-p-nitrophenyl ester
(SY) Cbz-Arg-Nph
(HM) ARGININE/*analogs
(NO) kallikrein substrate

N-benzyloxycarbonyl-L-arginyl-L-arginine- 2-naphthylamide
(RN) 76474-52-7
(SY) BZBANA
(HM) BENZOYLARGININE-2-NAPHTHYLAMIDE/*analogs
(II) INDICATORS AND REAGENTS

N-benzyloxycarbonylcitrulline 4-nitroanilide
(RN) 83575-37-5
(SY) N-benzyloxycarbonyl-L-citrulline para-nitroanilide
(SY) Z-Cit 4-NPHA
(HM) CITRULLINE/*analogs
(NO) substrate for cysteine proteinases

N-benzyloxycarbonyl-L-citrulline para-nitroanilide see N-benzyloxycarbonylcitrulline 4-nitroanilide

N-benzyloxycarbonylglycine 4-nitrophenyl ester
(RN) 1738-86-9
(SY) Z-Gly-Nph
(SY) N-benzyloxycarbonylglycine para-nitrophenyl ester
(HM) GLYCINE/*analogs
(NO) hydrolyzed by papain

N-benzyloxycarbonylglycine para-nitrophenyl ester see N-benzyloxycarbonylglycine 4-nitrophenyl ester

benzyloxycarbonyl-glycyl-glycyl-arginine-4-nitroanilide
(SY) Z-Gly-Gly-Arg-para-nitroanilide
(SY) Z-GGAPA
(HM) *OLIGOPEPTIDES
(NO) synthetic trypsin substrate

benzyloxycarbonyl-glycyl-glycyl-leucine-4-nitroanilide
(RN) 53046-98-3
(SY) Z-Gly-Gly-Leu-4-nitroanilide
(HM) *OLIGOPEPTIDES

N-benzyloxycarbonylglycyl-leucyl-aminohexylamino-sepharose see N-carbobenzoxyglycyl-leucyl-aminohexyl-sepharose

benzyloxycarbonylglycyl-phenylalanyl-citrulline 4-nitroanilide
(RN) 83575-50-2
(SY) N-benzyloxycarbonyl-L-glycyl-phenylalanyl-citrulline para-nitroanilide
(SY) Z-Gly-Phe-Cit 4-NPHA
(HM) *OLIGOPEPTIDES
(NO) substrate for cysteine proteinases

N-benzyloxycarbonyl-L-glycyl-phenylalanyl-citrulline para-nitroanilide see benzyloxycarbonylglycyl-phenylalanyl-citrulline 4-nitroanilide

benzyloxycarbonylglycyl-prolyl-arginine-3-amino-9-ethylcarbazole see N-carbobenzoxyglycyl-prolyl-argininamide-9-ethylcarbazole

benzyloxycarbonyl-leucyl-hydroxamate
(RN) 66179-55-3
(SY) Z-Leu-NHOH
(HM) LEUCINE/*analogs
(PA) ELASTASE/antag
(NO) structure given in first source

benzyloxycarbonyl-leucyl-leucyl-glutamine-2-naphthylamide
(SY) Z-Leu-Leu-Glu-2-naphthylamide
(HM) *OLIGOPEPTIDES

N-benzyloxycarbonyllysine 4-nitrophenyl ester
(RN) 4272-71-3
(RR) 2179-15-9 (HCl)
(SY) Z-Lys-Nph
(SY) alpha-N-benzyloxycarbonyl-L-lysine para-nitrophenyl ester
(SY) N-(alpha)-carbobenzoxylysine-4-nitrophenyl ester
(SY) CbzLNP
(SY) alpha-Cbz-lysine-p-nitrophenyl ester
(HM) LYSINE/*analogs
(NO) hydrolyzed by papain; RN given refers to parent cpd

N(2)-benzyloxycarbonyl-L-lysine see N-(alpha)-benzyloxycarbonyllysine

benzyloxycarbonyl-Phe-Arg 4-methyl-7-coumarylamide see carbobenzoxy-L-phenylalanyl-L-arginine 4-methylcoumarinyl-7-amide

benzyloxycarbonylphenylalanine chloromethyl ketone see ZPCK

N-benzyloxycarbonylphenylalanylalanine
(RN) 16088-00-9
(RR) 80996-16-3 ((L-Ala-DL-Phe)-isomer)
(RR) 17563-25-6 ((D-Ala-L-Phe)-isomer)
(RR) 16088-38-3 ((D-Ala-Phe)-isomer)
(SY) Z-Phe-Ala
(SY) N-(alpha)-benzyloxycarbonyl-D-phenylalanyl-L-alanine
(HM) *DIPEPTIDES
(NO) RN given refers to (L-Ala-D-Phe)-isomer; RN for cpd without isomeric designation not in Chemline 11/30/83

benzyloxycarbonylphenylalanylalanine diazomethyl ketone
(SY) Z-Phe-Ala-CHN2
(HM) DIAZOMETHANE/*analogs
(PA) PROTEASE INHIBITORS
(NO) selective inhibitor of thiol proteinases

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N-benzyloxycarbonylphenylalanyl-citrulline 4-nitroanilide
(RN) 83590-79-8
(SY) N-benzyloxycarbonyl-L-phenylalanylcitrulline para-nitroanilide
(SY) Z-Phe-Cit 4-NPHA
(HM) *DIPEPTIDES
(NO) substrate for cysteine proteinases

N-benzyloxycarbonyl-L-phenylalanylcitrulline para-nitroanilide see N-benzyloxycarbonylphenylalanyl-citrulline 4- nitroanilide

2-benzyloxycarbonylphenyl trans-4-guanidinomethylcyclohexanecarboxylate-cyclodextrin see Ta 903

N-benzyloxycarbonyl-prolyl-prolinal see N-benzyloxycarbonyl-prolylprolinal

N-benzyloxycarbonyl-prolylprolinal
(RN) 86925-97-5
(SY) Z-Pro-Prolinal
(SY) N-benzyloxycarbonyl-prolyl-prolinal
(HM) *DIPEPTIDES
(PA) PEPTIDE PEPTIDOHYDROLASES/antag
(NO) inhibitor of prolyl endopeptidase

benzyloxycarbonyltryptophan
(RN) 7432-21-5
(RR) 36408-19-2 (mono-Na salt)
(SY) benzyloxycarbonyl-L-tryptophan
(SY) Z-tryptophan
(HM) TRYPTOPHAN/*analogs
(NO) receptor antagonist for peptides from gastrin family; RN given refers to (L)-isomer; RN for cpd without isomeric designation not available 7/85

benzyloxycarbonyl-L-tryptophan see benzyloxycarbonyltryptophan

N-benzyloxycarbonyl-valylprolinal
(SY) N-BCVP
(SY) Z-Val-Prolinal
(HM) *DIPEPTIDES
(PA) PEPTIDE PEPTIDOHYDROLASES/antag
(NO) has prolinal at the carboxy terminus; inhibits post-proline cleaving enzyme activity

9-((2-benzyloxyl-1-(benzyloxymethyl)ethoxy)methyl)-6-chloroguanine see BIOLF 70

6-benzyloxy-4-methoxymethyl-beta-carboline-3- carboxylic acid ethyl ester see ZK 93423

4-benzyloyloxy-1,1-dimethylpiperidinium bromide see parapenzolate bromide

benzylpenicillenic acid
(RN) 3264-88-8
(HM) PENICILLIN G/*analogs
(NO) forms spontaneously from penicillin G (benzylpenicillin)

benzylpenicillin acetoxymethyl ester see penamecillin

benzylpenicillin-benzamidomethyl ester see FI 7303

benzylpenicilloic acid
(RN) 13057-98-2
(RR) 63448-72-6 (di-Na salt(2R-(2alpha(R*),4beta))-isomer)
(RR) 19993-28-3 (Na salt(2R-(2alpha(R*),4beta))-isomer)
(HM) PENICILLIN G/*analogs
(NO) RN given refers to parent cpd

benzylpenicilloyl
(RN) 2642-55-9
(RR) 114-22-7 (former CAS registry number)
(HM) PENICILLIN G/*analogs

benzylpenicilloylformyllysine see Ro 6-0787

benzylpenicilloyl-polylysine
(SY) BP-PL
(SY) BPO-oligolysine
(HM) PENICILLIN G/*analogs
(HM) POLYLYSINE/*analogs
(NO) used to detect penicillin allergy

benzylpenilloic acid see penilloic acid

4-(2-benzylphenoxy)-N-methylbutylamine see MCI 2016

7-benzyl-9-phenyl-3-thia-7-azabicyclo(3.3.1)nonan-9-ol
(RN) 89398-08-3
(RR) 89460-81-1 (hydroperchlorate)
(SY) 7-BPTAN
(HM) *BICYCLO COMPOUNDS
(PA) ANTI-ARRHYTHMIA AGENTS
(NO) RN & structure given in first source; RN given refers to parent cpd; RN not in Chemline 7/84

1-benzylpiperazine
(RN) 2759-28-6
(RR) 72878-35-4 (unspecified HCl)
(RR) 5321-63-1 (di-HCl)
(HM) *PIPERAZINES
(NO) possesses psychomotor stimulant activity similar to dextroamphetamine; RN given refers to parent cpd; structure

2-(4-benzylpiperidino)-1-(4-hydroxyphenyl)-2-methyl-1-ethanol see ifenprodil

7-(1-benzylpyridinium-4-yl)amino-3-(((1-methyl-1H-tetrazol-5-yl)thio)methyl)ceph-3-em-4-carboxylate see L 640876

1-benzyl-4-(2'-pyridylcarbonyl)piperazine see EGYT 475

N-benzyl-3-pyrrolidylacetate methobromide see AHR-602

benzyl salicylate
(RN) 118-58-1
(HM) *SALICYLATES
(NO) structure given in Merck

benzylselenium sulfuric acid
(RN) 82571-51-5
(RR) 20190-79-8 (K salt)
(SY) potassium benzylselenosulfate
(HM) *SELENIUM
(II) SULFHYDRYL REAGENTS
(NO) cpd not in Chemline 5/26/83

p-(benzylsulfamido)benzoic acid see carinamide

benzyl sulfide
(RN) 538-74-9
(SY) dibenzyl sulfide
(HM) *BENZYL COMPOUNDS

benzylsulfonic acid see phenylmethanesulfonic acid

5-benzyl-1,3,4,5-tetrahydro-2-methyl-2H-pyrido(4,3-b) indole see mebhydroline

7-benzyl-3-thia-7-azabicyclo(3.3.1)nonane
(RN) 89398-06-1
(RR) 89398-07-2 (hydroperchlorate)
(SY) 7-BTABN
(HM) *BICYCLO COMPOUNDS
(PA) ANTI-ARRHYTHMIA AGENTS
(NO) RN & structure given in first source; RN given refers to parent cpd; RN not in Chemline 7/84

7-benzyl-3-thia-7-azabicyclo(3.3.1)nonan-9-one
(RN) 89398-04-9
(RR) 89398-05-0 (hydroperchlorate)
(SY) 7-BTABO
(HM) *BICYCLO COMPOUNDS
(PA) ANTI-ARRHYTHMIA AGENTS
(NO) RN & structure given in first source; RN given refers to parent cpd; RN not in Chemline 7/84

8-benzylthio-N(6)-n-butyladenosine cyclic-3,5'-monophosphate
(RN) 56583-64-3
(SY) 8-benzylthio-N-butyl cyclic AMP
(SY) 8-BTBCA
(SY) N(6)-n-butyl-8-BTCAMP
(HM) ADENOSINE CYCLIC MONOPHOSPHATE/*analogs
(NO) may be useful as myocardial stimulant; structure given in first source

8-benzylthio-N-butyl cyclic AMP see 8-benzylthio-N(6)-n-butyladenosine cyclic-3,5'-monophosphate

8-benzylthio-cAMP see 8-thio-benzyl cyclic AMP

S-(N-benzylthiocarbamoyl)cysteine
(RN) 35446-36-7
(SY) S-(N-benzylthiocarbamoyl)-L-cysteine
(SY) benzylisothiocyanate cysteine conjugate
(HM) CYSTEINE/*analogs
(HM) *THIOCYANATES
(NO) metabolite of cysteine conjugate of benzylisothiocyanate; RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 8/1/83; structure given in first source

S-(N-benzylthiocarbamoyl)-L-cysteine see S-(N-benzylthiocarbamoyl)cysteine

8-benzylthio-4-morpholino-2-piperazinylpyrimido(5,4-d) pyrimidine see RX-RA 69

benzylthiourea
(RN) 621-83-0
(SY) benzylthiouronium chloride
(HM) PHENYLTHIOUREA/*analogs

benzylthiouronium chloride see benzylthiourea

benzyl violet 4B see Acid Violet 6B

Benz2
(SY) Benz 2
(HM) CHELATING AGENTS
(II) FLUORESCENT DYES
(II) CALCIUM
(NO) can cause substantial & irreversible ATP depletion at concentrations above 100 micromol/cell; no other info available 7/84

Benz 2 see Benz2

Bepanthen see dexpanthenol

bephenium hydroxynaphthoate
(RN) 3818-50-6
(SY) Alcopar
(SY) Naphthamone
(HM) *BEPHENIUM COMPOUNDS
(PA) ANTHELMINTICS
(NO) structure

BEP protocol
(HM) BLEOMYCINS
(HM) ETOPOSIDE
(HM) CISPLATIN
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds; used in treatment of testicular neoplasms

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Bepridil
(RN) 49571-04-2
(SY) 1978 CERM
(HM) *PYRROLIDINES
(PA) CARDIAC DEPRESSANTS
(PA) CALCIUM CHANNEL BLOCKERS
(PA) ANTI ARRHYTHMIA AGENTS
(II) UNCOUPLING AGENTS
(NO) structure

Berenil see diminazene aceturate

bergapten see 5-methoxypsoralen

bergenin
(RN) 477-90-7
(RR) 52390-78-0 (unspecified Na salt(2alpha,3beta,4alpha,4aalpha,10bbeta)-isomer)
(HM) *BENZOPYRANS
(PA) ANTI-ULCER AGENTS
(NO) RN given refers to (2R-(2alpha,3beta,4alpha,4aalpha,10bbeta))-isomer; RN for cpd without isomeric designation not in Chemline 12/22/83; structure

Berlin blue see ferric ferrocyanide

beriocombin see trimerazine

berninamycins
(RN) 58798-97-3
(HM) PEPTIDES, CYCLIC
(PA) ANTIBIOTICS
(NO) structure for berninamycin A

Berodual
(SY) duovent
(SY) iprafen
(HM) *FENOTEROL
(HM) *IPRATROPIUM BROMIDE
(HM) DRUG COMBINATIONS
(II) AEROSOLS
(NO) contains above two cpds; iprafen is in aerosol form

beromycin, penicillin
(RN) 132-98-9
(RR) 1098-87-9 (Na salt)
(RR) 147-48-8 (Ca salt[2:1])
(SY) berromycin, penicillin
(HM) *PENICILLIN, PHENOXYMETHYL
(NO) potassium salt of phenoxymethyl penicillin; russian drug; RN given refers to K salt; see also record for PENICILLIN, PHENOXYMETHYL which is the parent cpd

berromycin, penicillin see beromycin, penicillin

beryllium chloride
(RN) 7787-47-5
(RR) 54389-13-8 ((7)BeCl2)
(HM) *BERYLLIUM
(NO) RN given refers to BeCl2

beryllium citrate see citric acid

beryllium fluoride
(RN) 7787-49-7
(HM) *BERYLLIUM

beryllium hydroxide
(RN) 13327-32-7
(HM) *BERYLLIUM

beryllium oxide
(RN) 1304-56-9
(HM) *BERYLLIUM

beryllium sulfate
(RN) 13510-49-1
(RR) 7787-56-6 (tetrahydrate)
(HM) *BERYLLIUM
(NO) used as a diagnostic aid for allergic reactions in patients with fungal infection; RN given refers to (Be sulfate[1:1])

BES
(RN) 10191-18-1
(HM) *ALKYL SULFONATES
(II) BUFFERS
(NO) buffer for physiological pH range; structure

bestatin
(RN) 58970-76-6
(RR) 65391-42-6 (HCl(L-Leu)-(S-(R*,S*))-isomer)
(RR) 61046-26-2 ((D-Leu)-(R-(R*,S*))-isomer)
(RR) 61046-25-1 ((L-Leu)-(R-(R*,S*))-isomer)
(RR) 61046-24-0 ((D-Leu)-(R-(R*,R*))-isomer)
(RR) 61046-23-9 ((L-Leu)-(R-(R*,R*))-isomer)
(RR) 61046-21-7 ((L-Leu)-(S-(R*,R*))-isomer)
(RR) 61046-20-6 ((D-Leu)-(S-(R*,S*))-isomer)
(HM) LEUCINE/*analogs
(PA) ANTIBIOTICS
(PA) AMINOPEPTIDASES/antag
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(PA) IMMUNOSTIMULANTS
(NO) RN given refers to ((L-Leu)-(S-(R*,S*)))-isomer; RN for cpd without isomeric designation not in Chemline 12/21/83; structure

BESTBP see 4,4'-bis(ethylsulfonyl)-2,2',5,5'-tetrachlorobiphenyl

3 beta-acetamido-3 alpha-methoxymonobactamic acid see SQ 26180

3 beta-acetoxy-5,6 beta-dichloromethylene-5 beta-androstan-17-one
(RN) 84412-90-8
(SY) 3-ADMAO
(HM) *ANDROSTANOLS
(NO) structure given in first source

17 beta-acetoxyestra-4,9,11-trien-3-one see trenbolone acetate

3 beta-acetoxy-6-ethyl,3a beta-methyl-1,2,3,3a,4,5,8,9,9a,9b-decahydro-7H-benz(e)inden-7-one see RU 38882

beta-N-acetyl-galactosaminidase
(RN) EC 3.2.1.53
(RR) 9054-43-7 (CRN)
(SY) beta-N-acetylgalactosaminidase
(SY) N-acetyl-beta-galactosaminidase
(HM) *GALACTOSAMINIDASE

beta-N-acetylgalactosaminidase see beta-N-acetyl-galactosaminidase

beta-N-acetylgalactosaminyltransferase see UDPacetylgalactosamine-galactosyl-galactosyl-glucosylceramide beta-N-acetyl-D-galactosaminyltransferase

beta-1,4-N-acetylgalactosaminyltransferase see UDP-GalNAc-beta-galactose beta 1,4-N-acetylgalactosaminyltransferase

O-beta-(N-acetylglucosamine-1-phosphoryl) serine
(SY) N-Ac-Glu-Phosp-Ser
(HM) PHOSPHOSERINE/*analogs

beta-N-acetylglucosaminide alpha 1-3-fucosyltransferase
(RN) EC 2.4.1.-
(SY) GDP-beta-N-acetylglucosaminide alpha-3-L-fucosyltransferase
(SY) GNAC-3-fucosyltransferase
(SY) 3-fucosyltransferase
(SY) alpha-3-fucosyltransferase
(SY) GDP-fucose-N-acetylglucosaminyl saccharide 3-alpha-L-fucosyltransferase
(HM) *FUCOSYLTRANSFERASES

beta-N-acetylglucosaminylsaccharide fucosyltransferase
(RN) EC 2.4.1.65
(SY) 4-fucosyltransferase
(HM) *FUCOSYLTRANSFERASES

beta-N-acetylhexosaminidase see beta-N-acetyl-D-hexosaminidase

beta-N-acetylhexosaminidase A see beta-N-acetyl-D-hexosaminidase

beta-N-acetyl-D-hexosaminidase
(RN) EC 3.2.1.52
(RR) 9027-52-5 (CRN)
(SY) beta-N-acetylhexosaminidase
(SY) beta-N-acetylhexosaminidase A
(SY) N-acetyl-beta-D-hexosaminidase
(SY) beta-hexosaminidase
(HM) *HEXOSAMINIDASES
(NO) lysosomal enzyme

N-beta-acetylstreptothricin D see AN 201 II

N-beta-acetylstreptothricin E see An 201 I

beta-agarase I see agarase

beta-agarase II see agarase

beta-Ala-Gly-Gly see beta-alanyl-glycyl-glycine

N-beta-Ala-1-methyl-His see N-beta-alanyl-1-methyl-histidine

N-beta-alanyldopamine
(RN) 5465[illegible]-62-2
(HM) DOPAMINE/*analogs

beta-alanyl-glycyl-glycine
(SY) beta-Ala-Gly-Gly
(HM) *OLIGOPEPTIDES

N-beta-alanyl-1-methyl-histidine
(RN) 331-38-4
(SY) balenine
(SY) N-beta-Ala-1-methyl-His
(SY) N-beta-alanyl-1-methyl-L-histidine
(HM) *DIPEPTIDES
(NO) found in muscle; RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 2/5/81

N-beta-alanyl-1-methyl-L-histidine see N-beta-alanyl-1-methyl-histidine

beta-aldopur
(HM) *BUPRANOLOL
(HM) *SPIRONOLACTONE
(HM) DRUG COMBINATIONS
(PA) ANTIHYPERTENSIVE AGENTS
(NO) fixed-dose combination of above

1 beta,3 alpha,12 alpha-trihydroxy-5 beta-cholanoic acid
(RN) 70050-65-6
(HM) *CHOLIC ACIDS
(NO) found in urine of patients with liver cirrhosis

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3beta, 5alpha, 6beta-cholestenetriol see cholestane-3 beta,5 alpha,6 beta-triol

3 beta,6 alpha,17 beta-trihydroxy-5 alpha-androstane see 5 alpha-androstane-3 beta,6 alpha,17 beta-triol

3 beta,7 alpha,17 beta-trihydroxy-5 alpha-androstane see 5 alpha-androstane-3 beta,7 alpha,17 beta-triol

7 beta-D-alpha-(4(5)-carboxyimidazole-5(4)-carboxamido)phenylacetamido-3-(4-beta-sulfoethylpyridinium)methyl-3-cephem-4-carboxylic acid see AC 1370

3 beta,20 alpha-dihydroxy-5 alpha-pregnane see allopregnane-3,20-diol

3 beta,16 alpha-dihydroxyandrost-5-en-17-one see 16-hydroxydehydroepiandrosterone

(+-)-1 beta,2 alpha-dihydroxy-3 beta,4 beta- epoxy-1, 2,3,4-tetrahydrochrysene see chrysene,2-diol-3,4-epoxide-1

3 beta,7 alpha-dihydroxychol-5-enoic acid see 3,7-dihydroxychol-5-enoic acid

2 beta-(Z),3 alpha-(1E,3R)-3-(3-hydroxy-(1-octenyl) bicyclo(3.1.1)hept-2-yl-5-heptenoic acid see thromboxane A2, carbocyclic

17 beta, 20 alpha-hydroxysteroid dehydrogenase see 20 alpha-hydroxysteroid dehydrogenase

3 beta,5 alpha-tetrahydrodeoxycorticosterone see 3 alpha,5 beta-tetrahydrodeoxycorticosterone

11 beta,17 alpha,21-trihydroxy-5 alpha-pregnane-3,20- dione see 5-dihydrocortisol

11 beta,17 alpha,21-trihydroxy-3,20-diketo-4-pregnene-18-al see 18-oxocortisol

11 beta,17 alpha,21-trihydroxypregna-1,4-diene-3,20- dione 21-tert-butyl acetate see prednisolone tebutate

beta-aminoalanine see 2,3-diaminopropionic acid

3 beta-O-(4-amino-4,6-dideoxy-beta-D-galactopyranosyl) digitoxigenin see ASI-222

3 beta-O-(4amino-4,6-dideoxy-beta-D-glucopyranosyl) digitoxigenin see ASI 254

S-beta-aminoethyl cysteine
(RN) 2936-69-8
(RR) 63905-31-7 (di-HCl)
(RR) 4099-35-8 (mono-HCl)
(RR) 20662-32-2 (unspecified HCl)
(SY) thialysine
(SY) S-2-aminoethyl cysteine
(SY) thiosine
(SY) aminoethylcysteine
(HM) CYSTEINE/*analogs
(NO) inhibits protein synthesis in mammalian cells; RN given refers to parent cpd; structure

2-(beta-aminoethyl)pyridine see Lilly 04432

beta-aminoisobutyric acid see 3-aminoisobutyric acid

beta-aminopropionitrile fumarate
(RN) 1119-28-4
(RR) 2079-89-2 (fumarate[2:1])
(RR) 352-96-5 (fumarate [1:1])
(SY) BAPN fumarate
(SY) beta-aminopropionitryl-fumarate
(HM) AMINOPROPIONITRILE/*analogs
(NO) RN given refers to unspecified fumarate

beta-aminopropionitryl-fumarate see beta-aminopropionitrile fumarate

beta-aminopyridine
(RN) 462-08-8
(RR) 73074-20-1 (mono-HCl)
(SY) 3-aminopyridine
(HM) *AMINOPYRIDINES
(NO) RN given refers to parent cpd

7beta-(2-(2-aminothiazol-4-yl)-2-methoxyiminoacetamido)-3-methyl-3-cephem- 4-carboxylic acid glycylaminobenzoyloxymethyl ester
(SY) AMMCGAB methyl ester
(HM) *THIAZOLES
(NO) prodrug of 7-(2-(2-aminothiazol-4-yl)-2-methoxyiminoacetamido)-3-methyl-3-cephem-4-carboxylic acid; structure given in first source

7beta-(2-(2-aminothiazol-4-yl)-(Z)-2-methoxyiminoacetamido)-3-((1-methyl-1H-tetrazol-5-yl) thiomethyl)ceph-3-em-4-carboxylic acid sodium salt see cefmenoxime

7 beta-(2-(2-aminothiazol-4-yl)-2-methoxyiminoacetamido)-3-((1,2,3-thiadiazol-5-yl)thiomethyl)ceph-3-em-4-carboxylic acid
(RN) 82219-78-1
(SY) 7-AMTCC
(HM) *CEPHALOSPORINS
(NO) synthetic antibiotic; structure given in first source

7 beta-((Z)-2-(2-amino-4-thiazolyl-N-oxide)-2-methoxyiminoacetamido)-3-(tetrazolo-(1,5-b)pyridazin-6-yl)thiomethyl-3-cephem-4-carboxylic acid see FCE 20635

beta-amyrin see amyrin

beta-amyrin acetate see amyrin acetate

5 beta-androstane-3 alpha,17 beta-diol
(RN) 1851-23-6
(RR) 21862-73-7 (cpd without isomeric designation for the 3,17-diol moieties)
(SY) 5B-A-3A,17B-diol
(HM) *5-ANDROSTANE-3,17-DIOL
(II) STEREOISOMERS

5 beta-androstane-3,17-dione see 5-androstane-3,17-dione

22 beta-angeloyloxyoleanolic acid
(RN) 13224-63-0
(SY) reduced lantadene A
(SY) lantadene A (reduced)
(HM) *TRITERPENES
(NO) structure

9 beta-D-arabinofuranosyladenine cyclic 3',5'- phosphate see cyclic 9 beta-D-arabinosyladenine 3',5'-monophosphate

9 beta-D-arabinofuranosyladenine 5'-triphosphate see ara-ATP

1-beta-D-arabinofuranosyl-E-5-(2-bromovinyl)uracil see 1-beta-D-arabinofuranosyl-5-(2-bromovinyl)uracil

1-beta-D-arabinofuranosyl-5-(2-bromovinyl)uracil
(RN) 77181-69-2
(RR) 77181-69-2 ((E)-isomer)
(SY) BV-ara-U
(SY) 1-beta-D-arabinofuranosyl-E-5-(2-bromovinyl) uracil
(HM) ARABINOFURANOSYLURACIL/*analogs
(PA) ANTIVIRAL AGENTS
(NO) selectively inhibitory to HSV-1 multiplication; RN given refers to cpd without isomeric designation

1 beta-arabinofuranosylcytosine 5'-diphosphate-1,2-diolein
(RN) 83214-12-4
(SY) ARA-CDP-diolein
(HM) CYTARABINE/*analogs
(NO) RN given refers to (R-(Z,Z))-isomer; RN for cpd without isomeric designation not in Chemline 12/15/83; structure given in first source

1 beta-D-arabinofuranosylcytosine 5'-diphosphate-L-1,2 dipalmitin
(RN) 63357-80-2
(SY) ARA-CDP-dipalmitin
(HM) CYTARABINE/*analogs
(PA) ANTINEOPLASTIC AGENTS

1 beta-arabinofuranosylcytosine 5'-diphosphate-1,2-distearin
(RN) 83214-11-3
(SY) ARA-CDP-distearin
(HM) CYTARABINE/*analogs
(NO) RN given refers to (E)-isomer; RN for cpd without isomeric designation not in Chemline 12/15/83; structure given in first source

1 beta-D-arabinofuranosylcytosine kinase see arabinosylcytosine kinase

1-beta-D-arabinofuranosylcytosine 5'-monophosphate
(RN) 7075-11-8
(RR) 20263-52-9 ((D-arabinofuranosyl)-isomer)
(RR) 56943-04-5 ((beta-D-lyxofuranosyl)-isomer)
(RR) 22257-03-0 ((alpha-D-ribofuranosyl)-isomer)
(SY) ara 5'-CMP
(SY) arabinosylcytosine 5'-monophosphate
(SY) cytarabine 5'-monophosphate
(SY) cytosine arabinoside 5'-monophosphate
(HM) *ARABINONUCLEOTIDES
(HM) *CYTIDINE MONOPHOSPHATE/analogs
(NO) RN given refers to dihydrogen phosphate

1 beta-D-arabinofuranosylcytosine 5'-palmitate see palmitoyl cytarabine

9 beta-D-arabinofuranosyl-1,9-dihydro-6H-purin-6-one see hypoxanthine arabinoside

9 beta-D-arabinofuranosyl-2-fluoroadenine monophosphate see fludarabine monophosphate

9-beta-D-arabinofuranosyl-2-fluoroadenine 5'- triphosphate see 2-fluoro-araATP

9 beta-D-arabinofuranosyl-2-fluoroadenine see F-ara-A

9 beta-D-arabinofuranosylguanine
(RN) 38819-10-2
(RR) 34793-16-3 ((alpha)-isomer)
(SY) ara-G
(SY) 9 beta-arabinosylguanine
(HM) *ARABINONUCLEOSIDES
(PA) ANTINEOPLASTIC AGENTS
(NO) RN given refers to (beta)-isomer

9-beta-D-arabinofuranosylguanosine 5'-triphosphate
(RN) 72490-81-4
(SY) ara-GTP
(HM) *ARABINONUCLEOTIDES
(HM) GUANOSINE TRIPHOSPHATE/*analogs

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9-beta-D-arabinofuranosylhypoxanthine 5'- monophosphate
(RN) 54656-49-4
(RR) 56553-00-5 ((alpha-D)-isomer)
(SY) ara-HxMP
(HM) *INOSINE MONOPHOSPHATE
(HM) *ARABINONUCLEOTIDES
(PA) ANTIVIRAL AGENTS
(NO) RN given refers to (beta-D)-isomer; RN for cpd without isomeric designation not in Chemline 12/23/83

9 beta-D-arabinofuranosylhypoxanthine see hypoxanthine arabinoside

1 beta-D-arabinofuranosylthymine 5'-triphosphate see arabinosylthymine 5'-triphosphate

1 beta-D-arabinofuranosylthymine see ara-T

beta-L-arabinosidase
(RN) EC 3.2.1.88
(HM) *GLYCOSIDE HYDROLASES

1-beta-D-arabinosyl-5-azacytosine see 5-azacytosine arabinoside

9 beta-arabinosylguanine see 9 beta-D-arabinofuranosylguanine

beta-asarone see asarone

beta-D-aspartylaminomethylphosphonate see beta-D-aspartylaminomethylphosphonic acid

beta-D-aspartylaminomethylphosphonic acid
(SY) Asp-Amp
(SY) beta-D-aspartylaminomethylphosphonate
(HM) ASPARTIC ACID/*analogs

beta-aspartyl-epsilon-lysine see aspartyllysine

beta-aspartylglycine
(RN) 3790-52-1
(RR) 67176-36-7 ((D-beta)-isomer)
(SY) beta-Asp-Gly
(HM) *DIPEPTIDES
(NO) found in cecum of germ-free & antibiotic-treated mice; RN given refers to (L-beta)-isomer; RN for cpd without isomeric designation not in Chemline 12/23/83

beta-L-aspartyl-hydrazine
(RN) 13010-39-4
(SY) L-aspartic acid hydrazide
(HM) ASPARTIC ACID/*analogs
(PA) ANTINEOPLASTIC AGENTS
(NO) antileukemic; structure

beta-aspartylhydroxamate see beta-aspartylhydroxamic acid

beta-aspartylhydroxamic acid
(RN) 20154-32-9
(RR) 1955-68-6 ((L)-isomer)
(RR) 36244-81-2 ((D)-isomer)
(SY) beta-aspartylhydroxamate
(HM) ASPARAGINE/*analogs
(NO) RN given refers to (DL)-isomer

beta-aspartyl phosphate
(RN) 22138-53-0
(SY) aspartyl phosphate
(HM) ASPARTIC ACID/*analogs

beta-Asp-Gly see beta-aspartylglycine

3 beta-azidocholyl-2-iodohistamine
(SY) AZCH
(SY) iodo-3 beta-azidocholylhistamine
(HM) *AZIDES
(II) AFFINITY LABELS
(NO) labeled with (125)I; structure given in first source

6 beta BAprogesterone see 6 beta-bromoacetoxyprogesterone

beta-benzene hexachloride see beta-hexachlorocyclohexane

beta-(S-benzylmercapto)-beta,beta-cyclopentamethylenepropionic acid
(RN) 55154-80-8
(SY) S-Bzl-Pmp-OH
(HM) *CYCLOPENTANES
(NO) intermediate in synthesis of oxytocin & vasopressin antagonists

1 beta,3 beta,5,11 alpha,14,19- hexahydroxy-5 beta-card-20(22)-enolide see ouabagenin

5 beta,14 beta-androstane-3 beta,14-diol see androstane-3,14-diol

6 beta, 7 beta, 15 beta, 16 beta-dimethylene-1,4-androstadiene-(17(beta-1')-spiro-5')-perhydrofuran-2', 3-dione see spirorenone

1 beta,3 beta,5,6 beta-tetrahydroxy-5 alpha-androstan-17-one see 1,3,5,6-tetrahydroxy-5-androstan-17-one

2 beta,16 beta-bis(4'-dimethyl-1'-piperazino)-3 alpha, 17 beta-diacetoxy-5 alpha-androstane dibromide see pipecurium

beta, beta-carotene-4,4'-dione see canthaxanthin

3 beta,16 beta-dihydroxyandrost-5-en-17-one see 16-hydroxydehydroepiandrosterone

3 beta,17 beta-dihydroxyandrost-5-en-16-one
(RN) 1159-66-6
(SY) 16-oxoandrostenediol
(SY) 16-ketoandrostenediol
(HM) *ANDROSTENEDIOLS
(NO) synthesized by hepatic microsomes from previable & anencephalic human fetuses; abundant steroid of umbilical cord blood & the physiologic precursor for 16-ketoestradiol-17 beta; major urinary estrogen of human pregnancy; structure

3 beta,14 beta- dihydroxy-16 beta-formyloxy-5 beta-card-20(22)- enolide 3-tetraformyltridigitoxoside see pentaformylgitoxin

3 beta,14 beta-dihydroxy-19-oxo-5 beta-card-20(22)-enolide-3 alpha-L-thevetoside see cannogenin thevetoside

beta,beta-dimethylacrylic acid see senecioic acid

beta, beta-dimethylacrylshikonin
(RN) 5162-01-6
(RR) 34539-65-6 ((-)-isomer)
(RR) 24502-79-2 ((+)-isomer)
(SY) DMASK
(SY) arnebin I
(HM) *NAPHTHOQUINONES
(PA) ANTI-INFLAMMATORY AGENTS
(NO) RN given refers to unspecified stereoisomer; structure given in first source

3 beta-(beta-dimethylaminoethoxy)androst-5-en-17-one
(RN) 7635-03-2
(HM) *ANDROSTENES
(PA) ANTICHOLESTEREMIC AGENTS
(NO) structure

3 beta,17 beta-di-(1-pyrrolidinyl)-5 alpha-androstane see dipyrandium

(8r)-6 beta,7 beta-epoxy-8-ethyl-3 alpha((-)-tropoyl)- 1 alpha H, 5 alpha H-tropanium bromide see oxitropium

3 beta,17 beta-hydroxysteroid dehydrogenase see 3 (or 17)-beta-hydroxysteroid dehydrogenase

beta,beta'-iminodipropionitrile see 3,3'-iminodipropionitrile

2 beta,3 beta,14,20,22-pentahydroxy-5 beta- cholest-7-en-6-one see ponasterone A

N-(beta-(4-(beta-phenylethyl)phenyl)-beta-hydroxyethyl)imidazole see denzimol

11 beta,17,20 beta,21-tetrahydroxypregn-4-en-3-one see 20-hydroxycortisol

3 beta,11 beta,21-trihydroxy-5 alpha-pregnan-20-one see tetrahydrocorticosterone

6 beta-(N,N-bis(2-chloroethyl)amino)-17-(cyclopropylethyl)-4,5 alpha-epoxy-3,14-dihydroxy morphinan see chlornaltrexamine

8 beta-(bis(2-chloroethyl)amino)-6,7-didehydro-3-hydroxy-17-methyl-4,5 alpha- epoxymorphinan
(RN) 90246-16-5
(RR) 90246-15-4 (di-HCl)
(SY) BCEAME
(HM) *MORPHINANS
(NO) opioid receptor probe; RN & structure given in first source; RN given refers to parent cpd; RN not in Chemline 9/84

6 beta-N,N-bis(2-chloroethyl)oxymorphone see chloroxymorphamine

14 beta-(2-bromoacetamido)morphinone
(RN) 87307-37-7
(SY) 14-BBAM
(HM) *MORPHINE DERIVATIVES
(II) RECEPTORS, ENDORPHIN/drug eff
(NO) RN & structure given in first source; RN not in Chemline 12/21/83

6 beta-bromoacetoxyprogesterone
(SY) 6beta-bromoacetoxyprogesterone
(SY) 6 beta BAprogesterone
(HM) *HYDROXYPROGESTERONES
(II) AFFINITY LABELS

6beta-bromoacetoxyprogesterone see 6 beta-bromoacetoxyprogesterone

17 beta-((bromoacetyl)oxy)-5 alpha-androstan-3-one see 5 alpha-dihydrotestosterone 17-bromoacetate

11 beta-bromomethylestradiol see 11-bromomethylestradiol

6 beta-bromopenicillanic acid see 6-bromopenicillanic acid

6 beta-bromoprogesterone
(HM) PROGESTERONE/*analogs

beta-bromopropionate see 3-bromopropionic acid

5 beta-bufol
(RN) 6127-75-9
(SY) 5 beta-cholestane-3 alpha,7 alpha,12 alpha,25,26-pentol
(SY) 5-cholestane-3,7,12,25,26-pentol
(HM) *CHOLESTANOLS
(NO) isolated from gall bladder of toad; identified in patients with cerebrotendinous xanthomatosis

beta-bungarotoxin-binding component see beta-bungarotoxin-binding protein

beta-bungarotoxin-binding protein
(SY) beta-bungarotoxin-binding component
(SY) b-Butx-binding protein
(HM) *CARRIER PROTEINS
(II) BUNGAROTOXINS
(NO) from chick brain membranes; MW 431,000; Ca-dependent

beta-carboline-3-carboxylate t-butyl ester see tert-butyl beta-carboline-3-carboxylate

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beta-carboline-3-carboxylic acid ethyl ester
(RN) 74214-62-3
(SY) BC-3-CAEE
(SY) ethyl-beta-carboline-3-carboxylate
(SY) pyrido(3,4-b)indole-3-carboxylic acid ethyl ester
(SY) 3-carboethoxy-beta carboline
(SY) beta-CCE
(HM) *CARBOLINES
(II) LIGANDS
(NO) isolated from brain tissue & urine; extremely potent displacer of diazepam from brain benzodiazepam receptors; structure in first source

beta-carboline-3-carboxylic acid methyl ester
(RN) 69954-48-9
(SY) 3-carbomethoxy-beta-carboline
(SY) beta-CCM
(HM) *CARBOLINES
(PA) CONVULSANTS
(NO) structure given in first source

beta-carboline-3-carboxylic acid propyl ester see propyl beta-carboline-3-carboxylate

beta-carboxyaspartic acid
(RN) 75898-26-9
(HM) ASPARTIC ACID/*analogs

beta-(4-(2-carboxy-1-propenyl)benzyl)pyridine see OKY 1581

beta-carotene
(RN) 7235-40-7
(RR) 30430-49-0 ((cis)-isomer)
(RR) 52765-84-1 (homopolymer)
(RR) 56194-17-3 (ion(1-))
(RR) 57793-67-6 (ion(+1))
(HM) *CAROTENE
(NO) RN given refers to (trans)-isomer; see also related record alpha-carotene

beta-carotene cleaving enzyme see beta-carotene 15,15'-dioxygenase

beta-carotene-3,3'-diol see zeaxanthin

beta-carotene 15,15'-dioxygenase
(RN) EC 1.13.11.21
(SY) beta-carotene cleaving enzyme
(HM) *OXYGENASES

beta-caroten-3-ol see cryptoxanthin

beta-casomorphin
(RN) 79805-24-6
(SY) beta-casomorphins
(HM) *ENDORPHINS
(II) CASEINS
(NO) opioid peptides derived from bovine casein peptone; see also related records for beta-casomorphin 5 & 7

beta-casomorphine(1-4) amide see morphiceptin

beta-casomorphin I
(SY) Tyr-Pro-Gly-Pro-Phe-Pro-Ile
(HM) *ENDORPHINS
(II) CASEINS

beta-casomorphins see beta-casomorphin

beta-casomorphin 4
(RN) 74171-19-0
(HM) *ENDORPHINS
(II) CASEINS

beta-casomorphin 5
(RN) 72122-63-5
(SY) deprolorphin
(HM) *ENDORPHINS
(II) CASEINS
(NO) see also related record for beta-casomorphins

beta-casomorphin 7
(RN) 72122-62-4
(HM) *ENDORPHINS
(II) CASEINS
(NO) opioid peptide isolated from casein peptone; corresponds to sequence 60-66 of bovine beta-casein; see also record for general term beta-casomorphin

beta-CCE see beta-carboline-3-carboxylic acid ethyl ester

beta-CCM see beta-carboline-3-carboxylic acid methyl ester

beta-CCP see propyl beta-carboline-3-carboxylate

beta-CCT see 3-carboxy-tert-butoxy-beta-carboline

beta-CCtB see tert-butyl beta-carboline-3-carboxylate

beta-cell tropin
(HM) *PITUITARY HORMONES
(NO) peptide of pituitary pars intermedia which stimulates insulin release

beta-chaconine
(RN) 472-51-5
(SY) beta(1)-chaconine
(HM) SOLANINE/*analogs
(II) VERATRUM ALKALOIDS
(NO) from Veratrum stenophyllum; RN given for (3beta)-isomer; RN for cpd without isomeric designation not in Chemline 8/85; structure given in first source

beta(1)-chaconine see beta-chaconine

beta-chlornaltrexamine see chlornaltrexamine

beta-chloroalanine
(RN) 3981-36-0
(RR) 39217-38-4 ((D-Ala)-isomer)
(RR) 51887-89-9 (HCl(L-Ala)-isomer)
(RR) 51887-88-8 (HCl(D-Ala)-isomer)
(RR) 35401-46-8 (HCl(DL-Ala)-isomer)
(RR) 13215-35-5 ((DL-Ala)-isomer)
(RR) 2731-73-9 ((L-Ala)-isomer)
(SY) 3-chloro-D-alanine
(SY) 3-chloroalanine
(SY) beta-chloro-D-alanine
(SY) beta-chloro-L-alanine
(HM) 3-AMINOPROPIONIC ACID/*analogs
(NO) RN given refers to parent cpd without isomeric designation

beta-chloro-D-alanine see beta-chloroalanine

beta-chloro-L-alanine see beta-chloroalanine

1-(beta-(4'-chlorobenzylthio)-2',4'-dichlorophenethyl) imidazole see sulconazole

11 beta-chloromethylestradiol see Org 4333

beta-chlorophenethylamine
(SY) 2'-chlorophenethylamine
(HM) *PHENETHYLAMINES
(PA) DOPAMINE BETA-HYDROXYLASE/antag
(NO) structure given in first source

N-((beta-chlorophenoxy)ethyl)cyclopropylamine see Lilly 51641

5 beta-chol-3-ene-24-oic acid see 5-chol-3-en-24-oic acid

5 beta-cholestane-3 alpha,7 alpha,12 alpha,24 beta,25-pentol
(RN) 58580-61-3
(HM) *CHOLESTANOLS

5 beta-cholestane-3 alpha,7 alpha,12 alpha,25,26- pentol see 5 beta-bufol

5 beta-cholestane-3 alpha,7 alpha,12 alpha,26,27- pentol see 5-cholestane-3,7,12,26,27-pentol

5 beta-cholestane-3 alpha,7 alpha,12 alpha,25-tetrol-3 alpha-glucuronide
(RN) 77172-80-6
(SY) 5-CTGU
(HM) *CHOLESTANOLS
(NO) found in bile of patients with cerebrotendinous xanthomatosis

5 beta-cholestane-3 alpha,7 alpha,12 alpha,25-tetrol-24S-hydroxylase
(RN) EC 1.14.-
(HM) *STEROID HYDROXYLASES

5 beta-cholestane-3 alpha, 7 alpha, 12 alpha, 23- tetrol see 5 beta-cholestane-3,7,12,23-tetrol

5 beta-cholestane-3 alpha,7 alpha,12 alpha,25-tetrol
(RN) 18866-87-0
(SY) 5 beta-cholestane-3 beta,7 alpha,12 alpha,25- tetrol
(HM) *CHOLESTANOLS
(NO) bile alcohol; structure in 4th source

5 beta-cholestane-3 alpha,7 alpha,12 alpha,26-tetrol
(RN) 862-53-3
(RR) 862-52-2 ((3alpha,5alpha,7alpha,12alpha)-isomer)
(SY) 5-cholestane-3,7,12,26(27)-tetrol
(HM) *CHOLESTANOLS
(NO) precursor of cholic acid biosyn in man; RN given refers to (3alpha,5beta,7alpha,12alpha)-isomer; cpd without isomeric designation not in Chemline 5/83

5 beta-cholestane-3 alpha,7 alpha,12 alpha-triol 27-monooxygenase see cholestanetriol 26-monooxygenase

5 beta-cholestane-3 alpha,7 alpha,12 alpha-triol see trihydroxycoprostane

5 beta-cholestane-3 alpha,7 alpha-diol-12 alpha- hydroxylase see 7-hydroxycholesterol-12-hydroxylase

5 beta-cholestane-3 alpha,7 alpha-diol 27- monooxygenase see cholestanetriol 26-monooxygenase

5 beta-cholestane-3 alpha,7 alpha-diol see dihydroxycoprostane

5 beta-cholestane-3 alpha,7 alpha,26- triol
(RN) 15313-69-6
(HM) *CHOLESTANOLS

5 beta-cholestane-3 beta,7 alpha,12 alpha,25-tetrol see 5 beta-cholestane-3 alpha,7 alpha,12 alpha,25-tetrol

5beta-cholestane-3beta,7alpha,25-triol see cholestane-3,7,25-triol

5 beta-cholestane-3,7,12,23-tetrol
(RN) 68832-44-0
(SY) 5 beta-cholestane-3 alpha, 7 alpha, 12 alpha, 23-tetrol
(HM) *CHOLESTANOLS
(NO) excreted by patients with cerebrotendinous xanthomatosis

betacholyl see acetyl-beta-methylcholine

beta-chromium monodentate complex of ADP see chromium adenosine diphosphate

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beta-citryl-L-glutamate hydrolase
(RN) EC 3.5.1.-
(SY) citrylglutamate hydrolase
(HM) *AMIDOHYDROLASES
(NO) from rat testis; acts on N-formyl-L-glutamate, beta-citryl-L-glutamate & beta-citryl-L-glutamine

beta-citrylglutamic acid
(RN) 69281-09-0
(RR) 73590-26-8 ((S)-isomer)
(SY) beta-citryl-L-glutamic acid
(HM) *GLUTAMATES
(NO) RN given refers to cpd without isomeric designation

beta-citryl-L-glutamic acid see beta-citrylglutamic acid

betaclamycin A
(RN) 76264-95-4
(HM) NAPHTHACENES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) structure given in first source

beta-conglycinin
(SY) soybean 7S storage protein
(HM) *GLOBULINS
(II) SOYBEANS
(II) VEGETABLE PROTEINS
(NO) soybean 7S globulin

beta-connectin see connectin

betacor see cetamolol

20 beta-cortol-3-glucuronide see cortol-3-glucuronide

20 beta-cortolone-3-glucuronide see cortolone-3-glucuronide

beta-CrADP see chromium adenosine diphosphate

beta-cyano-D-alanine see 3-cyanoalanine

beta-cyano-L-alanine see 3-cyanoalanine

5-beta-cyanoalanine oxytocin see oxytocin, 5-beta-cyanoalanine-

beta-cyanoalanine synthase
(RN) EC 4.4.1.9
(HM) *LYASES

beta-cyanoethyl phosphorodichloridite
(SY) CEPDC
(HM) *ORGANOPHOSPHORUS COMPOUNDS
(II) INDICATORS AND REAGENTS
(NO) structure given in first source

beta-cyclodextrin
(RN) 7585-39-9
(HM) *CYCLODEXTRINS

beta-cyclodextrin-dansyl chloride complex see cycloheptaamylose-dansyl chloride complex

N-beta-cyclohexylpropionyltyrosine
(RN) 82906-18-1
(SY) N-beta-cyclohexylpropionyl-L-tyrosine
(HM) TYROSINE/*analogs
(NO) inhibits neurons of African Giant Snail; RN given refers to (L-Tyr)-isomer; RN for cpd without isomeric designation not in Chemline 8/2/83

N-beta-cyclohexylpropionyl-L-tyrosine see N-beta-cyclohexylpropionyltyrosine

beta-cyclopiazonate oxidocyclase
(RN) EC 1.3.99.9
(HM) *OXIDOREDUCTASES
(NO) catalyzes the conversion of beta-cyclopiazonic acid to alpha-cyclopiazonic acid, forming a 5-ring fused system connecting the pyrrole & indole rings; minor descriptor (75-83); on-line & Index Medicus search OXIDOREDUCTASES (75-83)

(6,1-beta-deaminocystathionine-8-D-arginine) vasopressin see DCDAVP

N-(9 beta-D-2'-deoxyribofuranosylpurin-6-yl)glycinamide
(RN) 89014-18-6
(SY) DRPGly
(HM) *DEOXYRIBONUCLEOSIDES
(HM) GLYCINE/*analogs
(NO) specified by the phage Mu modification function

beta-2'-deoxythioguanosine
(RN) 789-61-7
(RR) 1688-22-8 (former CAS registry number)
(RR) 2239-63-6 (former CAS registry number)
(RR) 30241-92-0 (former CAS registry number)
(SY) beta-thioguanine deoxyriboside
(HM) *THIONUCLEOSIDES
(HM) DEOXYGUANOSINE/*analogs
(NO) RN given refers to parent cpd

betaDGal(1-4)betaDGalNAc(1-6)betaDGal see galactopyranosyl(1-4)-N-acetylgalactosaminyl(1-6) galactose

beta-diethylaminoethyl chloride see N,N-diethyl-2-chloroethylamine

O-beta-diethylaminoethylhydroxylamine
(RN) 6006-10-6
(RR) 21894-85-9 (di-HCl)
(SY) O-DEAEHA
(HM) *HYDROXYLAMINES
(NO) RN given refers to parent cpd

N-(beta-diethylaminoethyl)-N-(2-methylphenyl)-3',4',5'-trimethoxycarboxamide maleate see gallanilide

10-(beta-diethylaminopropionyl)-2-trifluoromethylphenothiazine see fluoracizine

beta-diethylaminopropylbenzilic acid ester.HCl see metamizil

17 beta-N,N-diethylcarbamoyl-4-methyl-4-aza-5 alpha-androstan-3-one
(RN) 73671-86-0
(SY) DMAA
(HM) STANOLONE/*analogs
(HM) *AZASTEROIDS
(NO) inhibitor of testosterone 5-alpha reductase, receptor binding & nuclear uptake of androgens in the prostate

5 beta-dihydroaldosterone see 5-dihydroaldosterone

20 beta-dihydrocortisol see 20-hydroxycortisol

5 beta-dihydrocortisol see 5-dihydrocortisol

5beta-dihydrocortisone
(RN) 68-54-2
(SY) 5beta-pregnan-17alpha,21-dihydroxy-3,11,20-trione
(HM) *PREGNANES
(PA) ANTI-INFLAMMATORY AGENTS
(NO) RN for cpd without isomeric designation not in Chemline 9/85

17 beta-dihydroequilenin see 17-dihydroequilenin

beta-dihydroequilin see dihydroequilin

5,6 beta-dihydro-PGI2 see 5,6-dihydroprostacyclin

20 beta-dihydropregnenolone see 5-pregnene-3,20-diol

20 beta-dihydroprogesterone
(RN) 15114-79-1
(RR) 145-15-3 ((20R)-isomer)
(SY) 20 beta-hydroxypregn-4-en-3-one
(HM) *DIHYDROPROGESTERONE
(II) ISOMERISM
(NO) 20 beta-isomer of DIHYDROPROGESTERONE; RN given refers to cpd without isomeric designation

3,17 beta-dihydroxy-1,3,5(10)-estratrien-16 alpha-yl-beta-D-glucopyranosiduronic acid see estriol-16 alpha-(beta-D-glucuronide)

11 beta,17-dihydroxy-21- mercaptopregn-4-ene-3,20- dione pivalate see tixocortol pivalate

11 beta-(4-dimethylaminophenyl)-17 beta-hydroxy-17 alpha-(prop-1-ynyl)estra-4,9-dien-3-one see RU 486

beta-N,N-dimethyl-4-itropropiophenone see Ro 03-6156

beta-N,N-dimethyl-p-nitropropiophenone see Ro 03-6156

beta-endophin-(6-21) see beta-endorphin(6-21)

beta endorphin see beta-endorphin

beta-endorphin
(RN) 60617-12-1
(SY) C-fragment, endorphin
(SY) beta-endorphin(61-91)
(SY) beta endorphin
(SY) beta-LPH(61-91)
(SY) beta-lipotropin C fragment
(SY) Lipotropin Fragment C
(SY) Lipotropin 61-91
(SY) Lipotropin C Fragment
(HM) *ENDORPHINS
(NO) amino acid sequence 61-91 of endogenous pituitary hormone beta-lipotropin (met-enkephalin is sequence 61-65); RN given refers to cpd with unknown MF; RN in Chemline for sheep peptide: 59887-17-1

beta-endorphin acetyltransferase see peptide acetyltransferase

beta-endorphin (13-22), Ac-Glu(13)-Glu (22) methylamide-
(SY) acetyl-13-glutamyl-22-glutamyl methylamide-beta endorphin
(SY) acetylglutamyl-leucyl-valyl-threonyl-leucyl-phenylalanyl-lysyl-asparaginyl-alanyl-glutamine methylamide
(SY) Ac-Glu-Leu-Val-Thr-Leu-Phe-Lys-Asn-Ala-Glu-NHCH3
(SY) Ac-GLVTLPLAAG NHCH3
(HM) *ENDORPHINS
(HM) *PEPTIDE FRAGMENTS

beta-endorphin (15-19), Ac-Val(15)-Lys (19) methylamide-
(SY) acetyl-15-valyl-19-lysyl methylamide-beta-endorphin-(15-19)
(SY) acetylvalyl-threonyl-leucyl-phenylalanyl-lysine methylamide
(SY) Ac-VTLPL-NHCH3
(SY) Ac-Val-Thr-Leu-Phe-Lys-NHCH3
(HM) *ENDORPHINS
(HM) *PEPTIDE FRAGMENTS

beta-endorphin, arginine(9,12,22,28,29)- see beta-endorphin, Arg(9,12,24,28,29)-

beta-endorphin, Arg(9,12,24,28,29)-
(SY) beta-endorphin, arginine(9,12,22,28,29)-
(SY) Arg(9,12,24,28,29)-beta-endorphin
(SY) arginine(9,12,24,28,29)-beta-endorphin
(SY) 5ABEP
(HM) *ENDORPHINS
(NO) has analgesia inhibiting activity in rat vas deferens & guinea pig ileum

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beta-endorphin, Cys(11,26),Phe(27), Gly (31)-
(SY) beta-endorphin, 11,26-cysteinyl-27-phenylalanyl-31-glycine-
(SY) Cys(11,26)-Phe(27),Gly(31)-beta-endorphin
(SY) 11,26-cysteinyl-27-phenylalanyl-31-glycine-beta-endorphin
(SY) CCPGE
(HM) *ENDORPHINS
(NO) analgesia inhibiting activity in rat vas deferens & guinea pig ileum

beta-endorphin, 11,26-cysteinyl-27-phenylalanyl-31-glycine- see beta-endorphin, Cys(11,26),Phe(27), Gly(31)-

beta-endorphin, des(1-13)- see beta-endorphin (13-31)

beta-endorphin, Gln(8),Gly(31)-Gly-Gly-NH2-
(SY) beta-endorphin, 8-glutaminyl-31-glycyl-glycyl-glycinamide-
(SY) Gln(8),Gly(31)-beta-endorphin-Gly-Gly-NH2
(SY) 8-glutaminyl-31-glycyl-beta-endorphin-glycyl-glycinamide
(SY) GGBEGG
(HM) *ENDORPHINS
(NO) has analgesia inhibiting activity in rat vas deferens & guinea pig ileum

beta-endorphin, 8-glutaminyl-31-glycyl-glycyl- glycinamide- see beta-endorphin, Gln(8),Gly(31)-Gly-Gly-NH2-

beta-endorphin, leucine(5)- see beta-endorphin, Leu(5)-

beta-endorphin, Leu(5)-
(SY) beta-endorphin, leucine(5)-
(SY) 5-leucine-beta-endorphin
(SY) Leu(5)-beta-endorphin
(HM) *ENDORPHINS

beta-endorphin, 2-nitro-4-azidophenylsulfenyl-
(SY) NAPS-beta-EP
(SY) 2-nitro-4-azidophenylsulfenyl-beta-endorphin
(HM) *ENDORPHINS
(HM) *AZIDES
(II) AFFINITY LABELS

beta-endorphin, 18-tyrosyl-27-tryptophyl- see beta-endorphin, Tyr(18), Trp(27)-

beta-endorphin, Tyr(18), Trp(27)-
(SY) beta-endorphin, 18-tyrosyl-27-tryptophyl-
(SY) 18-tyrosyl-27-tryptophyl-beta-endorphin
(SY) Tyr(18), Trp(27)-beta endorphin
(HM) *ENDORPHINS

beta-endorphinyl-thioglycine
(RN) 84272-18-4
(SY) endorphin, beta-thioglycine
(HM) *ENDORPHINS
(II) INDICATORS AND REAGENTS

beta-endorphin (1-18)
(SY) beta-endorphin-(1-18)
(HM) *ENDORPHINS
(HM) *PEPTIDE FRAGMENTS

beta-endorphin-(1-18) see beta-endorphin (1-18)

beta-endorphin-(1-27)
(RN) 66954-40-3
(SY) beta-endorphin (1-27)
(HM) *ENDORPHINS
(HM) *PEPTIDE FRAGMENTS

beta-endorphin (1-27) see beta-endorphin-(1-27)

beta-endorphin (1-31)
(HM) *ENDORPHINS
(HM) *PEPTIDE FRAGMENTS
(NO) high affinity for opiate receptors

beta-endorphin (13-31)
(SY) beta-endorphin-(13-31)
(SY) beta-endorphin, des(1-13)-
(SY) des-(1-13) beta-endorphin
(HM) *ENDORPHINS
(HM) *PEPTIDE FRAGMENTS
(NO) amphiphilic helical segment containing only D-amino acids

beta-endorphin-(13-31) see beta-endorphin (13-31)

beta-endorphin (2-9)
(RN) 79924-62-2
(SY) beta-endorphin 2-9
(HM) *ENDORPHINS
(HM) *PEPTIDE FRAGMENTS

beta-endorphin 2-9 see beta-endorphin (2-9)

beta-endorphin(6-17) see des-enkephalin-gamma-endorphin

beta-endorphin(61-91) see beta-endorphin

beta-endorphin(6-21)
(SY) beta-endophin-(6-21)
(HM) *PEPTIDE FRAGMENTS
(HM) *ENDORPHINS

beta-endorphin (6-31)
(SY) beta-endorphin-(6-31)
(HM) *ENDORPHINS
(HM) *PEPTIDE FRAGMENTS
(NO) endogenous inhibitor of beta-endorphin (human); corresponds to human beta-endorphin sequence without the Met-enkephalin segment; shown to inhibit beta-endorphin & morphine induced analgesia

beta-endorphin-(6-31) see beta-endorphin (6-31)

11 beta,18-epoxy-18,21-dihydroxy-20-oxo-5 beta-pregnan-3 alpha-yl beta-D-glucopyranosiduronic acid see tetrahydroaldosterone 3 beta-glucosiduronic acid

beta-ergosine see ergosine

17 beta-estradiol benzoate see estradiol-17 beta-benzoate

beta-estradiol-17 beta-hemisuccinate see 17 beta-estradiol hemisuccinate

17 beta-estradiol hemisuccinate
(RN) 7698-93-3
(RR) 65684-87-9 ((17alpha)-isomer)
(SY) beta-estradiol-17 beta-hemisuccinate
(HM) ESTRADIOL/*analogs
(NO) RN given refers to (17beta)-isomer

8 beta-estrone-17 beta-hydroxylamine see estrone-17-hydroxylamine

8 beta-estrone-17-nitrone see estrone-17-nitrone

2 beta-ethoxy-3 alpha-hydroxy-11 alpha-dimethylamino-5 alpha-pregnan-20-one see minaxolone

N-(beta-(4-ethoxycarbonylphenoxy)ethyl-1-desoxynojirimycin see Bay o 1248

3-(4-(beta-ethoxyphenethyl)-1-piperazinyl)-2-methylpropiophenone see eprazinone

16 beta-ethyl-17 beta-hydroxyestr-4-en-3-one see TSAA 291

beta-ethylideneaspartate
(SY) beta-ethylidene-DL-aspartate
(HM) ASPARTIC ACID/*analogs

beta-ethylidene-DL-aspartate see beta-ethylideneaspartate

16 beta-ethyl-19-nortestosterone see TSAA 291

beta-ethylstyrene oxide
(RN) 69140-51-8
(RR) 69140-50-7 ((trans)-isomer)
(SY) 1-phenyl-1,2-epoxybutane
(SY) trans-8-ethylstyrene 7,8-oxide
(HM) *STYRENES
(II) INDICATORS AND REAGENTS
(NO) reagent for measurement of cytosolic epoxide hydrolase; RN given refers to cis isomer

beta-factor XIIa see prekallikrein activator

beta-fetoproteins
(HM) *FETAL PROTEINS

beta-fluoroalanine see 3-fluoroalanine

beta-fluoroasparagine
(RN) 72016-54-7
(SY) dl-threo-beta-fluoroasparagine
(HM) ASPARAGINE/*analogs
(PA) ANTINEOPLASTIC AGENTS

dl-threo-beta-fluoroasparagine see beta-fluoroasparagine

16 beta-fluoroestradiol see 16-fluoroestradiol

beta-FNA see beta-funaltrexamine

O-beta-D-Fru-(2-1)-O-beta-D-Fru-(2-1)-alpha-D-Glc see isokestose

O-beta-D-Fru(2-1)-O-beta-D-Fru-(2-1)-O-beta-D-Fru-(2-1)-alpha-D-Glc see fungitetraose

beta-D-fructan fructohydrolase see fructan beta-fructosidase

beta-fructofuranosidase see beta-D-fructofuranosidase

beta-D-fructofuranosidase
(RN) EC 3.2.1.26
(RR) 9001-57-4 (CRN)
(SY) beta-fructosidase
(SY) beta-fructooxidase
(SY) beta-fructofuranosidase
(SY) invertase
(HM) *GLYCOSIDE HYDROLASES

beta-fructooxidase see beta-D-fructofuranosidase

beta-fructosidase see beta-D-fructofuranosidase

beta-D-fucosidase
(RN) EC 3.2.1.38
(RR) 9025-34-7 (CRN)
(SY) beta-D-fucoside fucohydrolase
(HM) *FUCOSIDASE
(NO) catalyzes hydrolysis of terminal non-reducing beta-D-fucose residues in beta-D-fucosides; also hydrolyzes beta-D-galactosides

beta-D-fucoside fucohydrolase see beta-D-fucosidase

N beta-fumarylcarboxyamido-2,3-diaminopropionic acid
(SY) FCDP
(HM) *FUMARATES
(HM) 3-AMINOPROPIONIC ACID/*analogs
(NO) structure given in first source

beta-funaltrexamine
(RN) 72782-05-9
(RR) 72786-10-8 (mono-HCl(E)-isomer)
(SY) naltrexone fumarate methyl ester
(SY) beta-FNA
(HM) NALTREXONE/*analogs
(PA) NARCOTIC ANTAGONISTS
(PA) ALKYLATING AGENTS
(NO) RN given refers to parent cpd(E)-isomer; RN for parent cpd without isomeric designation not in Chemline 12/27/83; structure given in first source

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beta-(2-furyl)acryloyl phosphate
(RN) 16655-99-5
(SY) furylacryloylphosphate
(HM) *ACRYLATES
(NO) utilized as pseudosubstrate instead of ATP; structure given in first source

beta-(2-furyl)propionyl CoA see beta-(2-furyl)propionyl coenzyme A

beta-(2-furyl)propionyl coenzyme A
(RN) 75368-14-8
(SY) FPCoA
(SY) beta-(2-furyl)propionyl CoA
(SY) coenzyme A, beta-(2-furyl)propionyl coenzyme A
(HM) *ACYL COENZYME A
(NO) pseudosubstrate for acyl-CoA dehydrogenase

beta-(1,6)-galactan see 1,6-galactan

beta-D-galactopyranosylmethyl-p-nitrophenyltriazene see beta-D-galactopyranosylmethyl-4-nitrophenyltriazene

beta-D-galactopyranosylmethyl-4-nitrophenyltriazene
(RN) 59894-00-7
(SY) beta-GalMNT
(SY) beta-D-galactopyranosylmethyl-p-nitrophenyltriazene
(HM) *TRIAZENES
(NO) active-site directed irreversible-inhibitor of beta-galactosidase; structure

beta-galactosidase protective protein
(SY) BGPP
(HM) *PROTEINS
(II) BETA-GALACTOSIDASES
(NO) MW 32,000 protein which protects beta-galactosidase from rapid proteolytic degradation; absent in galactosialidosis

beta-galactoside
(HM) *GALACTOSIDES

beta-galactoside alpha-1,2-fucosyltransferase see GDP L-fucose-beta-D-galactosyl alpha-2-L- fucosyltransferase

beta-D-galactoside alpha 2-6-sialyltransferase see CMP-acetylneuraminate galactoside (alpha 2-6)-sialyltransferase

beta-galactoside binding lectin see galaptins

beta-galactoside permease
(RN) 9063-67-6
(HM) *PERMEASES

beta-D-galactoside transport protein see galactose-binding protein

beta-D-galactosyl(1-3)-N-acetyl-D-galactosamine
(RN) 3554-90-3
(SY) Thomsen-Friedenreich antigen
(SY) 2-acetamido-2-deoxy-3-O-(beta-D-galactopyranosyl)-beta-D-galactopyranose
(SY) erythrocyte T antigen
(SY) antigen, erythrocyte T
(SY) T-antigen, erythrocyte
(SY) beta-D-Gal(1-3)alpha-D-GalNAc
(SY) 2-acetamido-2-deoxy-3-O-(beta-D-galactopyranosyl)-D-galactose
(HM) *DISACCHARIDES
(II) BLOOD GROUPS
(II) ANTIGENS, NEOPLASM
(II) ISOANTIGENS

beta-galactosyl(1-3)N- acetylglucosaminide alpha(2-3)- sialyltransferase
(RN) EC 2.4.99.-
(SY) Gal-1-3-GlcNAc-sialyltransferase
(HM) SIALYLTRANSFERASES
(NO) found in rat liver Golgi apparatus

beta-galactosyl(1-4)N- acetylglucosaminide alpha(2-3)- sialyltransferase
(RN) EC 2.4.99.-
(SY) Gal-GlcNAc(2-3) sialyltransferase
(HM) *SIALYLTRANSFERASES

beta-galactosyl(1-4)N- acetylglucosaminide alpha(2-6)- sialyltransferase
(RN) EC 2.4.99.-
(SY) Gal-GlcNAc(2-6)-sialyltransferase
(HM) *SIALYLTRANSFERASES

beta-D-galactosyl-N-(n-acyl)-D-sphingosine see kerasin

beta-1-galactosyl-O-hydroxylysine see galactosylhydroxylysine

beta-D-galactosyl-specific lectin see galaptins

beta-D-Gal(1-3)alpha-D-GalNAc see beta-D-galactosyl(1-3)-N-acetyl-D-galactosamine

O-beta-D-Gal-(1-4)-O-alpha-D-Glc-(1-2)-beta-D-Fru see lactosylfructoside

beta-D-Gal(1-6)-GalNAC see 6-O-galactopyranosyl-2-acetamido-2-deoxygalactose

beta-D-Gal(1-3)D-GalNAc specific lectins see galaptins

beta-GalMNT see beta-D-galactopyranosylmethyl-4-nitrophenyltriazene

beta,gamma-bromomethylene-ATP see 5'-adenylyl (beta,gamma-bromomethylene)diphosphonate

beta gamma-CH2-dTTP see beta, gamma-methylenedeoxythymidine 5'-triphosphate

beta, gamma-methylene-ATP see 5'-adenylyl methylenediphosphonate

beta, gamma-methylenedeoxythymidine 5'-triphosphate
(RN) 59957-94-7
(SY) beta gamma-CH2-dTTP
(SY) beta, gamma-methylene dTTP
(HM) *THYMINE NUCLEOTIDES
(PA) RIBONUCLEOTIDE REDUCTASES/antag

beta,gamma-methylene-7,8-dihydroneopterin 3'-triphosphate
(SY) BGMDI
(HM) *PTERIDINES

beta, gamma-methylene dTTP see beta, gamma-methylenedeoxythymidine 5'-triphosphate

beta,gamma-methylene-guanosine 5'-triphosphate see guanosine 5'-(beta,gamma-methylene)triphosphate

beta-1H globulin receptors see factor H receptor

beta-1C-globulin
(HM) *BETA GLOBULINS

beta 1H globulin see beta-1H

beta-(1-3)-glucanase see exo-1,3 beta-D-glucosidase

1,3-1,4 beta glucanase see lichenase

beta(1-6)glucanase see endo-1,6-beta-glucanase

1-6-beta-glucanase see endo-1,6-beta-glucanase

1,4-beta-D-glucan cellobiohydrolase avicelase see exo-cellobiohydrolase

1,3-1,4 beta-glucan endohydrolase see lichenase

1,3-1,4 beta-D-glucan hydrolase see lichenase

beta-glucan receptor
(SY) receptor, beta-glucan
(SY) beta-glucan receptors
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) GLUCANS

beta-glucan receptors see beta-glucan receptor

beta-1,3-glucan reserve polysaccharide see paramylon

1,3-beta-glucan synthase
(RN) EC 2.4.1.34
(RR) 9037-30-3 (CRN)
(HM) *GLUCOSYLTRANSFERASES

1,6-beta-glucan synthetase
(RN) EC 2.4.1.-
(SY) 1,6 beta-glucan synthetase
(HM) *GLUCOSYLTRANSFERASES

1,6 beta-glucan synthetase see 1,6-beta-glucan synthetase

beta-1,2-glucan
(RN) 9051-99-4
(SY) 1,2-beta-glucan
(HM) *GLUCANS
(NO) from Rhizobium

1,2-beta-glucan see beta-1,2-glucan

beta-1,3-glucan
(RN) 9051-97-2
(SY) 1,3-beta-glucan
(SY) EA(3)
(HM) *GLUCANS
(NO) component of fungal cell walls; also used as antitumor polysaccharide

1,3-beta-glucan see beta-1,3-glucan

2-O-beta-D-glucopyranosyl-alpha-D-glucose see sophorose

3 beta-D-glucopyranosyl-14 beta,24-dihydroxy-21,23-bisnor-5 beta-chol-20(22)-ene-20-carboxylic acid gamma-lactone see actodigin

beta-D-glucopyranosyl fluoride see glucosyl fluoride

4 beta-glucopyranosyloxy-2-hydroxy-3-methoxybenzoyl-2-glucopyranosyloxy benzyl ester see leiocarposide

1-(beta-D-glucopyranosyl)phenobarbital
(SY) 1-GPPB
(HM) PHENOBARBITAL/*analogs
(NO) urinary metabolite of phenobarbital

3-O-beta-D-glucopyranuronosyl cholesterol see cholesterol glucuronide

beta-D-glucose 1-(1-naphthalene)acetate see glucose-1-(1-naphthalene)acetate

beta-glucose-1-phosphate see glucose-1-phosphate

beta-glucosidase activator protein see coglucosidase

beta-glucosidase stimulating protein see coglucosidase

beta-glucuronidase inhibitor
(HM) *GLYCOPROTEINS
(PA) GLUCURONIDASE/antag
(NO) glycoprotein with strong anionic charge; non-competitive type inhibitor from porcine sublingual gland

beta-glycerophosphatase see glycerol-2-phosphatase

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beta-glycerophosphate see beta-glycerophosphoric acid

beta-glycerophosphoric acid
(RN) 17181-54-3
(RR) 58409-70-4 (Ca salt[1:1])
(RR) 55701-23-0 (unspecified Ca salt)
(RR) 17670-05-2 (unspecified Na salt)
(RR) 2718-36-7 (mono-Na salt)
(RR) 819-83-0 (di-Na salt)
(SY) 2-glycerophosphoric acid
(SY) beta-glycerophosphate
(HM) *GLYCEROPHOSPHATES
(NO) plays role in mineralization of bone in vitro; RN given refers to parent cpd

beta 2-glycoprotein I
(SY) apolipoprotein H
(SY) Apo H
(HM) *GLYCOPROTEINS
(II) APOLIPOPROTEINS

beta-guanidinopropionate see guanidinopropionic acid

beta-guanidinopropionic acid see guanidinopropionic acid

beta HCG see HCG-beta

beta-HCH see beta-hexachlorocyclohexane

beta-hemolysin, Staph aureus see beta-hemolysin, Staphylococcus aureus

beta-hemolysin, Staphylococcus aureus
(SY) Staph beta-hemolysin
(SY) beta-hemolysin, Staph aureus
(HM) *HEMOLYSINS
(II) STAPHYLOCOCCUS AUREUS

beta-hexachlorobenzene see beta-hexachlorocyclohexane

beta-hexachlorocyclohexane
(RN) 319-85-7
(RR) 6108-10-7 (epsilon HCH)
(RR) 27154-44-5 (cpd with unspecified locants for chloride moieties)
(RR) 608-73-1 (cpd with unspecified stereochemistry)
(RR) 6108-11-8 ((1alpha,2alpha,3alpha,4alpha,5alpha,6alpha)-isomer)
(RR) 6108-12-9 ((1alpha,2alpha,3alpha,4alpha,5beta,6beta)-isomer)
(SY) beta-Lindane
(SY) beta-benzene hexachloride
(SY) beta-hexachlorobenzene
(SY) beta-HCH
(HM) *BENZENE HEXACHLORIDE
(II) ISOMERISM
(NO) RN given refers to (1alpha,2beta,3alpha,4beta,5alpha,6beta)-(+-)-isomer

beta-hexosaminidase see beta-N-acetyl-D-hexosaminidase

S(beta)-2-histidylcysteine
(SY) 2-His-Cys
(HM) *DIPEPTIDES

beta-homobetaine methyl ester
(RN) 16271-53-7
(SY) BHBME
(HM) ACETYLCHOLINE/*analogs
(NO) reversed carboxyl analog of acetylcholine; structure given in first source

7beta-HOS DH see 7 beta-hydroxysteroid dehydrogenase

3,17-beta-HSDase see 3 (or 17)-beta-hydroxysteroid dehydrogenase

6 beta-hydroperoxyandrostenedione see 6-hydroperoxyandrost-4-ene-3,17-dione

10 beta-hydroperoxy-4-estrene-3,17-dione see 10-hydroperoxy-4-estrene-3,17-dione

beta-hydroxyacid dehydrogenase see gulonate dehydrogenase

11 beta-hydroxy-16 alpha,17 alpha,21-trimethylpregna-1,4-diene-3,20-dione see ORG 6216

3 beta-hydroxy-13 alpha-amino-13,17-seco-5 alpha-androstan-17-oic-13,17-lactam-4-(bis(2-chloroethyl) aminophenoxyacetate see NSC 294859

3 beta-hydroxy-13 alpha-amino-13,17-seco- 5 alpha-androstan-17-oic-13,17 lactam-4-bis(2-chloroethyl)amino phenylacetate
(RN) 43000-65-3
(RR) 86377-69-7 ((3alpha,5alpha)-isomer)
(SY) NSC 290205
(HM) *NITROGEN MUSTARD COMPOUNDS
(PA) ANTINEOPLASTIC AGENTS
(NO) homo-aza-steroidal ester of p-bis(2-chloroethyl) amino phenyl acetic acid; RN given refers to (3beta,5alpha)-isomer; RN for cpd without isomeric designation not in Chemline 12/28/83; structure

3 beta-hydroxy-13 alpha-amino-13,17-seco-5-androsten-17-oic-13,17-lactam p-N,N-bis(2-chloroethyl) aminophenylacetate see 3-(((4-(bis(2-chloroethyl)amino)phenyl)acetyl)oxy)-17a-aza-D-homoandrost-5-en-17-one

3 beta-hydroxy-5 alpha-androstan-16-one
(RN) 571-51-7
(RR) 27741-16-8 ((3alpha,5alpha)-isomer)
(HM) *STANOLONE
(II) ISOMERISM
(NO) RN given refers to (3beta,5alpha)-isomer; RN for cpd without isomeric designation not in Chemline 12/28/83

17 beta-hydroxy-2 alpha,2 beta,17 alpha-trimethyl-8 alpha-estra-4,9,11-trien-3-one see R-2956

17 beta-hydroxy-1 alpha-methyl-17 alpha-propyl-5 alpha-androstan-3-one see 17-propylmesterolone

17 beta-hydroxy-7 alpha-methylandrost-5-en-3-one see RMI 12936

17 beta-hydroxy-17 alpha-methyl-estra-4,9,11-trien-3- one see methyltrienolone

3 beta-hydroxy-5 alpha-pregnan-20-one 3-sulfate
(RN) 7730-00-9
(RR) 29802-94-6 ((3alpha,5alpha)-isomer)
(RR) 1477-67-4 ((3alpha,5beta)-isomer
(RR) 39605-67-9 ((3beta)-isomer)
(HM) PREGNANOLONE/*analogs
(II) ISOMERISM
(NO) RN given refers to (3beta,5alpha)-isomer; RN for cpd without isomeric designation not in Chemline 6/22/83

3 beta-hydroxy-5 alpha-pregnan-20-one see allopregnan-3 beta-ol-20-one

17beta-hydroxyandrosta-1,4-diene-3-one see dehydrotestosterone

17 beta-hydroxyandrosta-1,4-dien-3-one 10-undecenoate see boldenone undecylenate

3 beta-hydroxy-5,7-androstadien-17-one see 3-hydroxyandrosta-5,7-dien-17-one

3 beta-hydroxyandrosta-5,7-dien-17-one see 3-hydroxyandrosta-5,7-dien-17-one

11 beta-hydroxyandrostenedione see 11-hydroxyandrostenedione

17 beta-hydroxyandrost-4-ene-3,11-dione see 11-ketotestosterone

6 beta-hydroxy-4-androstene-3,17-dione see 6-hydroxy-4-androstene-3,17-dione

11 beta-hydroxyandrosterone
(RN) 57-61-4
(RR) 514-17-0 ((3beta,5alpha,11beta)-isomer)
(RR) 2551-74-8 ((3alpha,5beta,11alpha)-isomer)
(RR) 3272-49-9 ((3alpha,5beta)-isomer)
(RR) 3461-66-3 ((3beta,5beta,11beta)-isomer)
(RR) 7801-12-9 ((3alpha,5alpha,11alpha)-isomer)
(RR) 4299-92-7 ((3alpha,5alpha)-isomer)
(RR) 739-26-4 ((3alpha,5beta,11beta)-isomer)
(SY) 11 beta-hydroxyetiocholanolone
(SY) 3alpha,11beta-dihydroxy-5beta-androstan-17-one
(SY) 11-hydroxyetiocholanolone
(HM) ANDROSTERONE/*analogs
(NO) RN given refers to (3alpha,5alpha,11beta)-isomer; structure

beta-hydroxyaspartic acid see 3-hydroxyaspartic acid

L-threo-beta-hydroxyaspartic acid see 3-hydroxyaspartic acid

erythro-beta-hydroxyaspartic acid see 3-hydroxyaspartic acid

3-(17 beta-hydroxy-6 beta,7 beta-methylene-3-oxo-4-androsten-17 alpha-yl)propionic acid gamma-lactone see prorenone

10 beta-hydroxy-10 beta-mercaptoestr-4-en-one see 17-hydroxy-10-mercaptoestr-4-en-3-one

beta-hydroxy-beta-methylcyclohexanepropionic acid see 3-hydroxy-3-cyclohexylbutyric acid

N-(1-(beta-hydroxy beta-phenethy)-3-methyl-4-piperidyl)-N-phenylpropionamide see F 7302

beta-hydroxybutyrate see 3-hydroxybutyric acid

beta-hydroxybutyric acid see 3-hydroxybutyric acid

beta-hydroxybutyric acid-p-phenetidide see bucetin

beta-hydroxybutyryl-CoA dehydrase see short-chain beta-hydroxyacyl-CoA dehydrase

beta-hydroxybutyryl-CoA dehydrogenase
(RN) EC 1.1.1.157
(SY) NADP-dependent 3-hydroxybutyryl-CoA
(HM) *3-HYDROXYACYL COA DEHYDROGENASES

N-(beta-hydroxybutyryl-p-phenetidine see bucetin

7 beta-(5-hydroxy-5-carboxyvarelamido)-3-hydroxymethyl-3-cephem-4-carboxylic acid
(RN) 85416-37-1
(SY) 7-HCHCC
(HM) *CEPHALOSPORINS
(NO) from Streptomyces strain PA-41937; structure given in first source

3 beta-hydroxy-3-cholenic acid see 3 beta-hydroxychol-3-en-24-oic acid

3 beta-hydroxy-5-cholenic acid see 3 beta-hydroxy-delta 5-cholenic acid

3 beta-hydroxycholenoic acid see 3 beta-hydroxychol-3-en-24-oic acid

3 beta-hydroxychol-3-en-24-oic acid
(RN) 69941-28-2
(SY) 3 beta-hydroxy-3-cholenic acid
(SY) 3 beta-hydroxycholenoic acid
(SY) delta(3)-cholenic acid
(HM) *CHOLIC ACIDS
(NO) metabolite of sulfolithocholic acid: RN given refers to cpd with unspecified locants for double bond & hydroxy moieties; cpd not in Chemline 6/22/83

3 beta-hydroxy-5-cholenoic acid see 3 beta-hydroxy-delta 5-cholenic acid

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3beta-hydroxy-5-cholestene-7-one see 7-ketocholesterol

7 beta-hydroxycholesterol-3,7-bis(hemisuccinate) see 7-hydroxycholesterol-3,7-bis(hemisuccinate)

7 beta-hydroxycholesterol see cholest-5-en-3 beta,7 alpha-diol

3 beta-hydroxycompactin see 3-hydroxycompactin

6 beta-hydroxycorticosterone see 6-hydroxycorticosterone

6 beta-hydroxycortisol
(RN) 53-35-0
(RR) 3078-34-0 ((11beta)-isomer)
(HM) HYDROCORTISONE/*analogs
(NO) RN given refers to the (6beta,11beta)-isomer; RN for cpd without isomeric designation not in Chemline 7/25/83; see also record for 6 alpha-hydrocortisol

15 beta-hydroxycyproterone acetate see 15-hydroxycyproterone acetate

17 beta-hydroxycyproterone acetate see 17-hydroxycyproterone acetate

16 beta-hydroxydehydroepiandrosterone sulfate see 16-hydroxydehydroepiandrosterone sulfate

16 beta-hydroxydehydroepiandrosterone see 16-hydroxydehydroepiandrosterone

3 beta-hydroxy-delta 5-cholenic acid
(RN) 5255-17-4
(RR) 29818-55-1 (Na salt)
(SY) 3 beta-hydroxy-5-cholenic acid
(SY) 3 beta-hydroxy-5-cholenoic acid
(HM) *CHOLIC ACIDS
(NO) RN given refers to parent cpd

8 beta-hydroxy-delta(9)-tetrahydrocannabinol
(RN) 34984-78-6
(RR) 38456-07-4 ((6aalpha,8alpha,10abeta)-isomer)
(RR) 38411-65-3 ((6aalpha,8alpha,10abeta)-isomer)
(RR) 34984-78-6 ((6aR-(6aalpha,8alpha,10abeta))-isomer)
(RR) 27262-32-4 ((6aR-(6aalpha,8beta,10abeta))-isomer)
(SY) 8-OHTHC
(SY) 8 beta-hydroxy-delta (9)-THC
(HM) TETRAHYDROCANNABINOL/*analogs
(NO) RN given refers to cpd without isomeric designation

8 beta-hydroxy-delta (9)-THC see 8 beta-hydroxy-delta(9)-tetrahydrocannabinol

3 beta-hydroxy-2,3-dihydrowithanolide F see 3-hydroxy-2,3-dihydrowithanolide F

17 beta-hydroxyestr-4-en-3-one 17-decanoate see nandrolone decanoate

17 beta-hydroxyestr-4-en-3-one hydrocinnamate see nandrolone phenpropionate

16 beta-hydroxyestrone see 16-hydroxyestrone

11 beta-hydroxyetiocholanolone see 11 beta-hydroxyandrosterone

beta-hydroxyglutamic acid see hydroxyglutamic acid

beta-hydroxyisovaleric acid
(RN) 625-08-1
(SY) 3-hydroxyisovaleric acid
(HM) *VALERATES

beta-hydroxyleucine
(RN) 5817-22-1
(RR) 6645-45-0 (cpd with unspecified stereochemistry)
(RR) 35016-54-7 ((DL)-isomer)
(RR) 35016-62-7 (threo-(DL)-isomer)
(RR) 10148-70-6 ((DL)-isomer)
(RR) 71264-41-0 (HCl-erythro-(DL)-isomer)
(RR) 10148-71-7 (threo-(L)-isomer)
(HM) LEUCINE/*analogs
(NO) RN given refers to (L)-isomer

17 beta-hydroxy-17-methyl-5 alpha-androstan-3-one see mestanolone

(17 beta)-17-hydroxy-17-methylestra-4,9,11-trien-3-one see methyltrienolone

beta-hydroxymyristic acid
(RN) 1961-72-4
(RR) 28715-21-1 ((R)-isomer)
(SY) 3-hydroxytetradecanoic acid
(HM) *MYRISTIC ACIDS
(NO) RN given refers to cpd without isomeric designation

6 beta-hydroxynaltrexone
(RN) 49625-89-0
(RR) 55488-86-3 (HCl)
(SY) beta-naltrexol
(SY) N-cyclopropylmethyl-7,8-dihydro-14-hydroxynorisomorphine
(SY) 6 beta-naltrexol
(HM) NALTREXONE/*analogs
(NO) major metabolite of naltrexone; RN given refers to (5alpha,6beta)-isomer; see also 6 alpha-naltrexol

beta-hydroxynorvaline see 3-hydroxynorvaline

17 beta-hydroxy-3-oxo-7 alpha-propyl(17 alpha)pregn-4-ene-21-carboxylate potassium salt see RU 28318

beta-hydroxyphenylalanine
(RN) 1078-17-7
(RR) 69-96-5 ((DL)-isomer)
(RR) 2584-74-9 (erythro-(DL)-isomer)
(RR) 2584-75-0 (threo-(DL)-isomer)
(RR) 6254-48-4 (threo-(L)-isomer)
(SY) beta-phenylserine
(HM) PHENYLALANINE/*analogs
(NO) RN given refers to beta cpd

beta-(4-hydroxyphenyl)ethanol see 4-hydroxyphenylethanol

2-(beta-(4-hydroxyphenyl)ethylaminomethyl)tetralone see BE 2254

beta-p-hydroxyphenylhydracrylic acid see beta-4-hydroxyphenylhydracrylic acid

beta-4-hydroxyphenylhydracrylic acid
(RN) 76833-34-6
(SY) beta-p-hydroxyphenylhydracrylic acid
(HM) *PHENYLPROPIONATES
(NO) urinary constituent in gastrointestinal disease; structure

beta-hydroxyphenylpropionic acid
(RN) 3480-87-3
(SY) 3-hydroxy-3-phenylpropionic acid
(HM) *PHENYLPROPIONATES
(NO) benzoic acid metabolite in urine

6 beta-hydroxyprednisolone see 6-hydroxyprednisolone

3 beta-hydroxy-5,7-pregnadien-20-one see 3-hydroxy-5,7-pregnadien-20-one

11 beta-hydroxy-4-pregnen-3,20-dione see 11-hydroxyprogesterone

20 beta-hydroxypregn-4-en-3-one see 20 beta-dihydroprogesterone

15-beta-hydroxyprogesterone see 15-hydroxyprogesterone

beta-hydroxypyruvate see hydroxypyruvic acid

3 beta-hydroxy-9,10-secopregna-5,7,10(19)-triene-20- one see 20-oxopregnacalciferol

3 beta-hydroxysteroid dehydrogenase-isomerase see 3 beta-hydroxysteroid oxidoreductase-delta(5) 3- ketosteroid isomerase

11 beta-hydroxysteroid dehydrogenase
(RN) EC 1.1.1.146
(RR) 9041-46-7 (CRN)
(SY) corticosteroid 11-oxidoreductase
(SY) corticosteroid 11-reductase
(SY) cortisone-11-oxidoreductase
(HM) *HYDROXYSTEROID DEHYDROGENASES
(NO) cortisol or cortisone have been used as substrates

17 beta hydroxysteroid dehydrogenase see testosterone 17 beta-dehydrogenase

7beta-hydroxysteroid dehydrogenase see 7 beta-hydroxysteroid dehydrogenase

7 beta-hydroxysteroid dehydrogenase
(RN) EC 1.1.1.-
(SY) 7beta-HOS DH
(SY) 7beta-hydroxysteroid dehydrogenase
(HM) *HYDROXYSTEROID DEHYDROGENASES
(NO) NADP-dependent

17 beta-hydroxysteroid-NAD+ 17-oxidoreductase see testosterone 17 beta-dehydrogenase

3 beta-hydroxysteroid oxidoreductase-delta(5) 3-ketosteroid isomerase
(SY) 3 OHsteroid dehydrogenase-isomerase
(SY) delta 5-3 beta hydroxysteroid dehydrogenase-isomerase
(SY) 3 beta-hydroxysteroid dehydrogenase-isomerase
(HM) *STEROID ISOMERASES
(HM) *MULTIENZYME COMPLEXES
(HM) *PROGESTERONE REDUCTASE
(NO) system found in breast cancers; consists of EC 1.1.1.145 (Progesterone Reductase) & EC 5.3.3.1 (steroid delta-isomerase))

3 beta-hydroxysteroid sulphotransferase see alcohol sulfotransferase

11 beta-hydroxytestosterone see 11-hydroxytestosterone

beta-hydroxyvaleric acid
(RN) 10237-77-1
(HM) *PENTANOIC ACIDS

beta-indoleacetic acid see indoleacetic acid

8a beta-indolizidine-1alpha,2alpha,8beta-triol see swainsonine

beta-(2-indolyl)-alpha-(dimethyl)ethylamine.HCl see NK-122

betaine-homocysteine methyltransferase
(RN) EC 2.1.1.5
(RR) 9029-78-1 (CRN)
(SY) betaine homocysteine methyltransferase
(HM) *METHYLTRANSFERASES

betaine homocysteine methyltransferase see betaine-homocysteine methyltransferase

beta-inhibin see beta-inhibin polypeptide

beta-inhibin polypeptide
(RN) 93443-12-0
(SY) beta-inhibin
(HM) *PEPTIDES
(II) INHIBIN
(II) SEMEN
(NO) human seminal polypeptide exhibiting inhibin-like activity; complete 94 amino acid sequence given in first source; see also related record for seminal plasma proteins

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beta(2)-inhibin
(RN) 96182-95-5
(SY) beta-inhibin (67-94)
(HM) *INHIBIN
(HM) *PEPTIDE FRAGMENTS
(NO) C-terminal 28-amino acid residue of 94-amino acid peptide beta-inhibin

beta-inhibin (67-94) see beta(2)-inhibin

beta(20-30)insulin see insulin, B(20-30)-

beta(22-30) insulin see insulin, B(22-30)

beta(9-30)insulin see insulin, B(9-30)-

6 beta-iodocholesterol see 6-iodocholesterol

6beta-iodocholesterol see 6-iodocholesterol

6 beta-iodomethyl-19-norcholesterol see 6-iodomethylcholesterol

6-beta-iodopenicillanate see 6-iodopenicillanic acid

6-beta-iodopenicillanic acid see 6-iodopenicillanic acid

beta-ionone
(RN) 14901-07-6
(RR) 79-77-6 ((trans)-isomer)
(SY) 4-(2,6,6-trimethyl-1-cyclohexen-1-yl)-3-buten-2-one
(HM) *TERPENES
(NO) stimulator of carotenogenesis; carotenoid inhibitor; intermediate in synthesis of Vit A; RN given refers to cpd without isomeric designation; structure

beta-isopropylmalate dehydrogenase see 3-isopropylmalate dehydrogenase

beta-isorhodomycinone
(RN) 80930-57-0
(HM) *NAPHTHACENES
(NO) RN given refers to (7R-(7alpha,8beta,10beta))-isomer; RN for cpd without isomeric designation not in Chemline 11/84

beta-ketoacyl reductase see 3-oxoacyl-(acyl-carrier-protein) reductase

beta-ketoacyl thioester reductase
(RN) EC 1.1.1.-
(HM) *FATTY ACID SYNTHETASE COMPLEX
(HM) *ALCOHOL OXIDOREDUCTASES
(NO) component of the fatty acid synthetase complex

beta-ketoadipate see 3-oxoadipic acid

beta-ketoadipate enol-lactone hydrolase see 3-oxoadipate enol-lactonase

beta-ketoadipate succinyl-CoA transferase see 3-oxoadipate CoA-transferase

beta-ketoadipic acid see 3-oxoadipic acid

beta-ketohexadecanoyl-coenzyme A
(RN) 34619-89-1
(SY) beta-ketopalmitoyl-CoA
(SY) coenzyme A, beta-ketohexadecanoyl-
(HM) PALMITOYL COENZYME A/*analogs

beta-ketopalmitoyl-CoA see beta-ketohexadecanoyl-coenzyme A

beta-ketostearoyl-coenzyme A see 3-ketostearoyl-coenzyme A

beta-lactamase OXA-2 see oxacillin beta-lactamase

beta-lactic acid see hydracrylic acid

betalain pigments
(HM) *PIGMENTS
(II) FOOD COLORING AGENTS
(NO) natural pigments of the red beet (beta vulgaris var rubia)

beta-lapachone
(RN) 4707-32-8
(HM) *NAPHTHOQUINONES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(PA) ANTIPROTOZOAL AGENTS
(NO) inhibitor of reverse transcriptase & DNA polymerase; structure

beta-leucine
(RN) 5699-54-7
(SY) 3-amino-4-methylpentanoic acid
(HM) LEUCINE/*analogs

beta-Lindane see beta-hexachlorocyclohexane

beta-lipotropin(61-69), 2-alanyl-69-homoarginine-
(SY) 2-Ala-69-homo-Arg-beta LPH(61-19)
(SY) AHA-LPH
(SY) LPH(61-69), 2-alanyl-69-homoarginine-
(SY) 2-alanyl-69-homoarginine-beta-LPH(61-69)
(HM) *LIPOTROPIN
(HM) *PEPTIDE FRAGMENTS
(NO) synthetic analog of beta-lipotropin

beta-lipotropin C fragment see beta-endorphin

beta-lipotropin, Gln(9)-
(SY) beta-lipotropin, glutamine(9)-
(SY) 9-glutamine-beta-lipotropin
(SY) 9-Gln-beta-lipotropin
(HM) LIPOTROPIN/*analogs

beta-lipotropin, glutamine(9)- see beta-lipotropin, Gln(9)-

beta-lipotropin (60-65)
(SY) beta-LPH(60-65)
(HM) *LIPOTROPIN
(HM) *PEPTIDE FRAGMENTS

beta-lipotropin(62-77) see (des-Tyr(1))-gamma-endorphin

beta-lipotropin 66-77 see des-enkephalin-gamma-endorphin

beta-lipotropin (78-91)
(SY) beta-LPH (78-91)
(HM) *LIPOTROPIN
(HM) *PEPTIDE FRAGMENTS

beta lipotropin (88-91) see MSH potentiating factor

beta-livetin see livetin

beta-LPH(60-65) see beta-lipotropin (60-65)

beta-LPH(61-76) see alpha-endorphin

beta-LPH(61-77) see gamma-endorphin

beta-LPH(61-91) see beta-endorphin

beta-LPH(62-77) see (des-Tyr(1))-gamma-endorphin

beta-LPH(66-77) see des-enkephalin-gamma-endorphin

beta-LPH (78-91) see beta-lipotropin (78-91)

beta-LPH (88-91) see MSH potentiating factor

beta-lysin see beta lysin

beta lysin
(SY) beta-lysins
(SY) beta-lysin
(HM) *PROTEINS
(NO) antibacterial protein found in human tears & other human body fluids such as amniotic fluid

beta-lysine
(RN) 4299-56-3
(RR) 504-21-2 ((S)-isomer)
(RR) 51703-81-2 ((R)-isomer)
(RR) 35761-15-0 (di-HCl)
(RR) 37894-33-0 (HCl(S)-isomer)
(SY) 3,6-diaminohexanoic acid
(HM) *LYSINE
(II) ISOMERISM
(NO) RN given refers to parent cpd

beta-lysine aminomutase see 3,6-diaminohexanoate aminomutase

beta-lysine mutase see 3,6-diaminohexanoate aminomutase

beta-lysins see beta lysin

2-beta-D-lyxofuranosyl-6,6-dimethyl-4,5,6,7-tetrahydroindol-4-one see 6,6-dimethyl-2-beta-lyxopyranosyl-4,5,6,7-tetrahydroindol-4-one

beta-D-mannanase see endo-1,4-beta-D-mannanase

1,2-beta-mannan see beta-1,2-mannopyranan

beta-1,2-mannopyranan
(SY) 1,2-beta-mannan
(HM) *MANNANS

4-O-(beta-D-mannopyranosyl)-D-mannose see mannobiose

beta-mannosidase see beta-D-mannosidase

beta-D-mannosidase
(RN) EC 3.2.1.25
(RR) 9025-43-8 (CRN)
(SY) mannanase
(SY) beta-mannosidase
(HM) *MANNOSIDASES
(NO) catalyzes hydrolysis of terminal, non-reducing beta-D-mannose residues in beta-D-mannosides

(1-(beta-mercapto-beta,beta- cyclopentamethylenepropionic acid))arginine vasopressin see vasopressin-(1-(beta-mercapto-beta,beta-cyclopentamethylenepropionic acid))Arg-

(1-(beta-mercapto-beta,beta- cyclopentamethylenepropionic acid))Arg-vasopressin see vasopressin-(1-(beta-mercapto-beta,beta-cyclopentamethylenepropionic acid))Arg-

1-(beta-mercapto-beta,beta- cyclopentamethylenepropionic acid)-2-O-ethyltyrosyl-4- valyl-8-arginine vasopressin see vasopressin, 1-(beta-mercapto beta,beta-cyclopentamethylenepropionic acid)-2-O-ethyl-Tyr-4-Val-8-Arg-

1-(beta-mercapto-beta,beta- cyclopentamethylenepropionic acid)-2-O-ethyl-Tyr-4- Val-8-Arg-vasopressin see vasopressin, 1-(beta-mercapto beta,beta-cyclopentamethylenepropionic acid)-2-O-ethyl-Tyr-4-Val-8-Arg-

(1-(beta mercapto-beta,beta- cyclopentamethylenepropionic acid)-2-(O-methyl)Tyr) Arg-vasopressin see vasopressin, (1-(beta mercapto-beta,beta- cyclopentamethylenepropionic acid)-2-(O-methyl)Tyr) Arg-

(1-(beta-mercapto-beta,beta- cyclopentamethylenepropionic acid),2-(O-methyl) tyrosine)arginine-vasopressin see vasopressin, (1-(beta mercapto-beta,beta-cyclopentamethylenepropionic acid)-2-(O-methyl)Tyr) Arg-

(1-(beta mercapto-beta,beta- cyclopentamethylenepropionic acid)-2-(O-methyl) tyrosyl)arginine vasopressin see vasopressin, (1-(beta mercapto-beta,beta-cyclopentamethylenepropionic acid)-2-(O-methyl)Tyr) Arg-

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1-(beta-mercapto-beta-beta- cyclopentamethylenepropionic acid)-4-Val-8-Arg- vasopressin see vasopressin, 1-(beta mercapto-beta-beta- cyclopentamethylenepropionic acid)-4-Val-8-Arg-

(1-(beta-mercapto-beta,beta- cyclopentamethylenepropionic acid), 4-valine-8-D- arginine)vasopressin see vasopressin, 1-(beta mercapto-beta-beta- cyclopentamethylenepropionic acid)-4-Val-8-Arg-

1-(beta-mercapto-beta-beta- cyclopentamethylenepropionic acid)-4-valyl-8-arginine vasopressin see vasopressin, 1-(beta mercapto-beta-beta- cyclopentamethylenepropionic acid)-4-Val-8-Arg-

(1-(beta-mercapto-beta,beta-pentamethylenepropionic acid)-2-Ile-4-Val)Arg vasopressin see vasopressin, 1-(1-mercaptocyclohexaneacetic acid-2- Ile-4-Val-8-Arg)-

(1-(beta-mercapto-beta,beta-pentamethylenepropionic acid)-2-isoleucyl-4-valyl)arginine vasopressin see vasopressin, 1-(1-mercaptocyclohexaneacetic acid-2- Ile-4-Val-8-Arg)-

beta-mercaptolactate
(RN) 2614-83-7
(SY) 2-hydroxy-3-mercaptopropionic acid
(SY) 3-mercaptolactic acid
(HM) *SULFHYDRYL COMPOUNDS
(NO) structure

beta-mercaptolactate cysteine disulfide
(RN) 18841-42-4
(SY) 3-mercaptolactate-cysteine disulfide
(SY) S-(2-hydroxy-2-carboxyethylthio)cysteine
(SY) HCETC
(HM) CYSTEINE/*analogs
(NO) structure

beta-mercaptopropylamine
(RN) 598-36-7
(RR) 4146-16-1 (HCl)
(SY) methyl-2-cysteamine
(HM) CYSTEAMINE/*analogs
(PA) RADIATION-PROTECTIVE AGENTS
(NO) RN given refers to cpd with isomeric designation; structure

beta-mercaptopyruvate see 3-mercaptopyruvate

beta-mercaptopyruvate sulfurtransferase see 3-mercaptopyruvate sulphurtransferase

beta-(meta-hydroxyphenyl)hydracrylic acid see 3-(3-hydroxyphenyl)-3-hydroxypropanoic acid

betamethasone acetate phosphate
(RN) 52081-45-5
(RR) 8064-08-2 (di-Na salt)
(SY) celestone chronodose
(SY) Celestone-R
(HM) BETAMETHASONE/*analogs
(PA) BRONCHODILATOR AGENTS
(II) DELAYED-ACTION PREPARATIONS
(NO) RN given refers to parent mixt.

betamethasone 17-benzoate
(RN) 22298-29-9
(HM) BETAMETHASONE/*analogs

betamethasone depot see Diprophos

betamethasone dipropionate see betamethasone-17,21-dipropionate

betamethasone-17,21-dipropionate
(RN) 5593-20-4
(SY) betamethasone propionate
(SY) diprolene
(SY) betamethasone dipropionate
(SY) diprosone
(SY) beloderm
(HM) BETAMETHASONE/*analogs
(II) GLUCOCORTICOIDS, TOPICAL
(NO) see also diprosone; may also contain chlorocresol (UD 25:22R)

betamethasone phosphate see Bentelan

betamethasone 21-phosphate see Bentelan

betamethasone propionate see betamethasone-17,21-dipropionate

betamethasone sodium phosphate see Bentelan

betamethason sodium phosphate see Bentelan

6 beta-methoxy-3 alpha,5 alpha-cyclocholestane see 6 beta-methoxy-i-cholesterol

11 beta-methoxy-17 alpha-iodovinylestradiol see 17 alpha-iodovinyl-11 beta-methoxyestradiol

6 beta-methoxy-i-cholesterol
(RN) 2867-93-8
(SY) 6 beta-methoxy-3 alpha,5 alpha-cyclocholestane
(HM) CHOLESTEROL/*analogs
(NO) structure given in first source

11 beta-methoxyethinylestradiol see moxestrol

2-(beta-methoxyethyl)pyridine see methyridine

beta-methylacetylcholine see acetyl-beta-methylcholine

9beta-methyl-6alpha-carbaprostaglandin I2 see ciprostene

3 beta-methylandrost-5-ene-17-one see 3-methylandrost-5-en-17-one

7 beta-methyl-10,beta,17 beta-diacetoxy-4 delta-estren-3-one see 7-methyl-10,17-diacetoxy-4-estren-3-one

beta-methyl-(1,1'-biphenyl)-4-propanenitrile see LU 20884

9beta-methylcarbacyclin see ciprostene

24 beta-methylcholesta-5,22-dien-3 beta-ol see brassicasterol

beta-methylcholine
(RN) 7562-87-0
(RR) 75915-27-4 (hydroxide(+-)-isomer)
(RR) 70624-15-6 (cyanoacetic acid (1:1)salt)
(RR) 62314-75-4 (formate salt)
(RR) 54770-68-2 (iodide(R)-isomer)
(RR) 32464-99-6 (iodide(S)-isomer)
(RR) 28835-52-1 ((S)-isomer)
(RR) 28835-51-0 ((R)-isomer)
(RR) 21618-35-9 (acetate salt)
(RR) 19889-68-0 ((+-)-isomer)
(RR) 2382-43-6 (chloride)
(HM) CHOLINE/*analogs
(NO) RN given refers to non-isomeric parent cpd; see also record for methylcholine

beta-methylcrotonic acid see senecioic acid

beta-methylcrotonyl-CoA carboxylase see methylcrotonoyl-CoA carboxylase

beta-methylcrotonylglycine
(RN) 33008-07-0
(SY) 3-methylcrotonylglycine
(HM) GLYCINE/*analogs
(NO) structure

beta-methyleneaspartate
(RN) 73650-42-7
(SY) beta-methylene-DL-aspartate
(HM) ASPARTIC ACID/*analogs
(NO) inhibits glutamate-aspartate transaminase; structure in first source

beta-methylene-DL-aspartate see beta-methyleneaspartate

beta-methylglucoside see alpha-methylglucoside

beta-methyl-D-glucoside see alpha-methylglucoside

beta-methylheptadecanoic acid see 3-methylheptadecanoic acid

N-(4-(beta-(5-methylisoxazol-3-carboxamido)-ethyl) benzenesulfonyl)-N(1)-cyclohexylurea see glisolamide

4-(4-)beta-(5-methylisoxazol-3-carboxamido)ethyl) phenylsulfonyl)-1,1-hexamethylenesemicarbazide see glisoxepide

beta-methylmannoside see methylmannoside

beta-methylnaphthalene see 2-methylnaphthalene

7 beta-methylthioethyltheophylline see metet

beta-methyl-TM 10 see methylxylocholine

beta 2 microglobulin receptors see beta 2 microglobulin receptor

beta 2 microglobulin receptor
(SY) B 2 MGR
(SY) receptor, beta 2 microglobulin
(SY) beta 2 microglobulin receptors
(HM) *RECEPTORS, IMMUNOLOGIC
(II) BETA 2 MICROGLOBULIN

beta-microseminoprotein see seminal plasma proteins

beta-momorcharin see momorcharin

beta-morpholinoethyl niflumate see morniflumate

beta-MSH(6-8) see MSH, beta(6-8)

beta-muricholic acid see muricholic acid

beta-NADPase see 2'-nucleotidase

beta-naltrexamine
(RN) 67025-97-2
(HM) NALTREXONE/*analogs
(PA) NARCOTIC ANTAGONISTS
(NO) structure given in first source

beta-naltrexol see 6 beta-hydroxynaltrexone

6 beta-naltrexol see 6 beta-hydroxynaltrexone

beta-naltrexyl-6-ethylenediamine
(SY) NTXEDA
(HM) NALTREXONE/*analogs
(II) AFFINITY LABELS

beta-naphthaleneacetic acid see 2-naphthylacetic acid

beta-naphthoflavone
(RN) 6051-87-2
(SY) 5,6-benzoflavone
(HM) *BENZOFLAVONES

beta-naphthol see 2-naphthol

beta-naphthol orange see Orange II

beta-naphthoxyacetic acid see 2-naphthoxyacetic acid

beta-naphthylamidase see benzoyl arginine-beta-naphthylamidase

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beta-naphthylamides
(HM) *NAPHTHALENES

1-(2-(beta-naphthyloxy)ethyl)-3-methyl-2- pyrazolin-5- one see Bay g 6575

beta-naphthyl triphosphate
(RN) 51783-02-9
(HM) *PHOSPHORIC ACID ESTERS

beta-neo-endorphin
(RN) 77739-21-0
(SY) "big" leu-enkephalin
(HM) *ENDORPHINS
(NO) nonapeptide opioid of porcine origin with amino acid sequence
Tyr-Gly-Gly-Phe-Leu-Arg-Lys-Tyr-Pro which is the C-terminal deleted peptide from alpha-neo-endorphin

beta-nerve growth factor endopeptidase see tissue kallikrein

betanin
(RN) 7659-95-2
(RR) 15121-53-6 ((S-(R*,S*)-(E,E))-isomer)
(HM) *INDOLES
(II) PIGMENTS
(NO) red pigment in beet root; RN given refers to (S-(R*,R*)-(E,E))-isomer; RN for cpd without isomeric designation not in Chemline 12/28/83

14-beta-(2-nitro-4-azido)cinnamoylamino-N-cyclopropylmethylnormorphinone see 14 beta-(2-nitro-4-azido)cinnamoylamino-N-cyclopropylmethylnormorphinone

14 beta-(2-nitro-4-azido)cinnamoylamino-N-cyclopropylmethylnormorphinone
(SY) NACCPM
(SY) 14-beta-(2-nitro-4-azido)cinnamoylamino-N-cyclopropylmethylnormorphinone
(HM) *AZIDES
(HM) *MORPHINE DERIVATIVES
(II) AFFINITY LABELS
(NO) structure given in first source

beta-(N-(7-nitro-2,1,3-benzoxadiazol-4-yl))alanine-CoA see beta-(N-(7-nitro-2,1,3-benzoxadiazol-4-yl))alanyl-coenzyme A

beta-(N-(7-nitro-2,1,3-benzoxadiazol-4-yl))alanyl-coenzyme A
(RN) 86848-57-9
(SY) NBDA-CoA
(SY) beta-(N-(7-nitro-2,1,3-benzoxadiazol-4-yl)) alanine-CoA
(SY) coenzyme A, beta-(N-(7-nitro-2,1,3-benzoxadiazol-4-yl))alanine
(HM) *OXADIAZOLES
(HM) *COENZYME A
(II) FLUORESCENT DYES

cis-beta-(5-nitro-2-furyl)-N-isopropylacrylamide see furapromide

beta-nitropropionic acid see 3-nitropropionic acid

beta-nitrostyrene
(RN) 102-96-5
(RR) 5153-67-3 ((E)-isomer)
(SY) nitrostyrol
(SY) 1-nitro-2-phenylethylene
(HM) *STYRENES
(NO) RN given refers to cpd without isomeric designation

beta-octylglucopyranoside see octyl-beta-D-glucoside

beta-octyl-D-glucoside see octyl-beta-D-glucoside

16beta-OH-DHEA sulfate see 16-hydroxydehydroepiandrosterone sulfate

beta-oncofetal antigen see oncofetal antigens

beta-N-oxalylaminoalanine
(RN) 7554-89-4
(RR) 61277-72-3 ((L)-isomer)
(SY) beta-N-oxalylamino-L-alanine
(SY) 2-oxalylamino-3-aminopropionic acid
(HM) 3-AMINOPROPIONIC ACID/*analogs
(NO) present in lathrus species; RN given refers to cpd without isomeric designation

beta-N-oxalylamino-L-alanine see beta-N-oxalylaminoalanine

beta-oxoadipic acid see 3-oxoadipic acid

(1-4)beta-(3'-oxo-octen-1')-5alpha-benzoyloxy-3, 3abeta,4,5,6,6abeta-hexahydro-2H-cyclopenta(b)furan-2- one see 5-(benzoyloxy)-3,3a,4,5,6,6a-hexahydro-4-(3-oxo-1-octenyl)-2H-cyclopenta(b)furan-2-one

beta-para-chlorophenylglutamate see 3-(4-chlorophenyl)glutamic acid

beta-peltatin A-alpha-L-arabinofuranoside
(RN) 60347-79-7
(SY) 8-O-(alpha-arabinofuranosyl)-beta-peltatin A
(HM) PODOPHYLLOTOXIN/*analogs
(NO) structure

beta-4-n-pentoxybenzoyl-beta-bromacrylic acid see Penberol

beta-pericyclocamphanone
(RN) 875-99-0
(SY) pericyclocamphanone
(HM) CAMPHOR/*analogs

6beta-PGI1 see 5,6-dihydroprostacyclin

6 beta-PGI1 see 5,6-dihydroprostacyclin

beta-phenethylamine see phenethylamine

beta-phenylcysteine
(RN) 34317-61-8
(SY) S-phenylcysteine
(SY) 3-phenylcysteine
(HM) CYSTEINE/*analogs
(PA) AMINOPEPTIDASES/antag
(NO) leucine aminopeptidase inhibitor

beta-phenylethylamine see phenethylamine

beta-phenyl-gamma-aminobutyric acid see 4-amino-3-phenylbutyric acid

beta-phenylisopropylsydnonimine see sydnophen

beta-phenylpropionate see 3-phenylpropionic acid

N-(beta-phenylpropionyl)glycine methylthio ester see N-(3-phenylpropionyl)glycine methylthio ester

N-beta-phenylpropionyltryptophan
(RN) 74717-58-1
(SY) N-beta-phenylpropionyl-L-tryptophan
(HM) TRYPTOPHAN/*analogs
(NO) inhibits neurons of African Giant Sanail; RN given refers to (L-Trp)-isomer; RN for cpd without isomeric designation not in Chemline 8/2/83

N-beta-phenylpropionyl-L-tryptophan see N-beta-phenylpropionyltryptophan

N-beta-phenylpropionyltyrosine
(RN) 74717-57-0
(RR) 74717-61-6 ((D-Tyr)-isomer)
(SY) N-beta-phenylpropionyl-L-tyrosine
(HM) TYROSINE/*analogs
(NO) RN given refers to (L-Tyr)-isomer; RN for cpd without isomeric designation not in Chemline 8/2/83

N-beta-phenylpropionyl-L-tyrosine see N-beta-phenylpropionyltyrosine

beta-phenylserine see beta-hydroxyphenylalanine

beta-phosphogalactosidase see 6-phospho-beta-D-galactosidase

O(beta)-phosphoserine-tRNA see tRNA, O(beta)-phosphoserine-

beta-pinene see terbenthene

beta-piperidino-p-propoxypropiophenone see propipocaine

beta-piperidino-4-propoxypropiophenone see propipocaine

beta-piperonylisopropylhydrazine see safrazine

5beta-pregnan-17alpha,21-dihydroxy-3,11,20-trione see 5beta-dihydrocortisone

5 beta-pregnane-3 alpha, 20 alpha-diol-3 alpha- glucuronide see pregnanediol-3 alpha-glucuronide

beta-preprotachykinin see preprotachykinin

beta protein, bacteriophage lambda see gene proteins, viral

beta-pyrazol-1-ylalanine
(RN) 10162-27-3
(RR) 28024-60-4 ((+-)-isomer)
(RR) 2734-48-7 ((S)-isomer)
(HM) *AMINO ACIDS
(NO) histidine isomer; RN given refers to cpd without isomeric designation; structure given in first source

S-beta-(4-pyridylethyl)-L-cysteine
(RN) 28809-04-3
(HM) CYSTEINE/*analogs
(NO) see also record for 2-pyridyl cpd; structure

4-(beta(N-pyrrolidinyl)ethoxy)-4'-alpha,alpha-diphenylacetophenone see 2-(4-methoxyphenyl)-4'-(2-(1-pyrrolidinyl)ethoxy) deoxybenzoin

4-(beta(N-pyrrolidinyl)ethoxy)-4'-methoxybenzophenone
(RN) 13278-77-8
(SY) PEMOBP
(HM) *NITROMIFENE/analogs
(NO) nitromifene metabolite; structure given in first source

beta-1H receptor see factor H receptor

3 beta-rhamnosyloxy-14 beta-amino-5 beta-pregnan-20 beta-ol see LND 623

9-beta-D-ribofuranosyl-2-amino-6-mercaptopurine 5'-diphosphate see 6-thioguanosine 5'-diphosphate

9-beta-D-ribofuranosyl-2-amino-6-mercaptopurine 5'-triphosphate see 6-thioguanosine 5'-triphosphate

7-(beta-D-ribofuranosyl-3-deazaguanine) see 3-deazaguanosine

1-(beta-ribofuranosyl)furo(3,4-d) pyrimidine-2,4,7(1H,3H,5H)-trione
(SY) 1-RFPT
(HM) *PYRIMIDINE NUCLEOSIDES
(PA) ANTINEOPLASTIC AGENTS
(NO) structure given in first source

5-(beta-D-ribofuranosyl)isocytosine see pseudoisocytidine

1 beta-ribofuranosyl-4-(methylmercapto) pyrazolo(3,4-d)pyrimidine 5'-monophosphate
(SY) 1-RMMPPP
(HM) *THIONUCLEOTIDES
(PA) ANTINEOPLASTIC AGENTS
(NO) structure given in first source

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1 beta-ribofuranosyl-4-(methylmercapto) pyrazolo(3,4-d)pyrimidine

(RN) 60355-67-1
(SY) 1-RMMPP
(HM) *THIONUCLEOSIDES
(PA) ANTINEOPLASTIC AGENTS
(NO) RN given refers to (D)-isomer; RN for cpd without isomeric designation not in Chemline 12/84; structure given in first source

5 beta-d-ribofuranosyl-1,3-oxazin-2,4-dione see minimycin

9-(beta-D-ribofuranosyl)purine see nebularine

N-(9-(beta-D-ribofuranosyl)purin-6-ylcarbamoyl)threonine

(RN) 24719-82-2
(RR) 39960-79-7 ((D)-isomer)
(SY) t(6)a
(SY) N-(purin-6-ylcarbamoyl)-L-threonine riboside
(SY) N(6)-(N-threonylcarbonyl)adenosine
(HM) ADENOSINE/*analogs
(NO) anticodon adjacent nucleoside; occurs at3'end of anticodon in most tRNA's whih read codons beginning with adenosine;RN given refers to (L)-isomer; RN for racemic cpd not in Chemline

7-beta-D-ribofuranosyl-7H-pyrrolo-(2,3-d)pyrimidine see 7-deazanebularin

2 beta-ribofuranosylselenazole-4-carboxamide see selenazofurin

2-beta-D-ribofuranosylthiazole-4-carboxamide see tiazofurin

3-beta-ribofuranosylthieno(2,3-d) pyrimidin-4-one

(RN) 94644-73-2
(SY) 3-RTPO
(HM) *PYRIMIDINE NUCLEOSIDES
(PA) ANTINEOPLASTIC AGENTS
(NO) RN & structure given in first source; RN not in Chemline 5/85

1 beta-D-ribofuranosyl-1,2,4-triazole-3-carboxamide-5'-phosphate see ribavirin-5'-phosphate

9 beta-D-ribofuranosylxanthine see xanthosine

5-(beta-D-ribufuranosyl)cytosine see psi-cytidine

beta-RTX

(HM) *PEPTIDES
(II) VIPER VENOMS
(NO) receptor-active peptide from Russell's viper venom; MW 9600; has weak phospholipase A2 activity; competes with the binding of monoamines & opiate ligands to their respective receptors

beta-ruthenocenylalanine

(RN) 89462-75-9
(RR) 89462-76-0 (103Ru-labeled cpd)
(RR) 89462-77-1 (106Ru-labeled cpd)
(HM) *RUTHENIUM
(HM) ALANINE/*analogs
(II) RADIONUCLIDE IMAGING
(NO) RN & structure given in first source; RN given refers to (DL)-isomer; RN for cpd without isomeric designation not in Chemline 7/84

beta-scorpion toxin receptor see scorpion toxin receptor

beta-2-sialoglobulin see RAL 6

beta-sitostanol see stigmastanol

beta-sitosterol see sitosterol

beta-sitosterol-beta-D-glycoside see lyoniside

beta-sitosterol sulfate

(RN) 24815-93-8
(RR) 72884-27-6 (K-salt(3beta)-isomer)
(HM) *SITOSTEROLS
(NO) internal standard for measuement of cholesteryl sulfate; RN given refers to (3beta)-isomer; RN for parent cpd without isomeric designation not in Chemline 12/28/83

3 beta-spiro-oxiranyl-5 alpha-pregnan-20 beta-ol see 3-spirooxiranyl-5-pregnan-20-ol

6 beta-steroid hydroxylase

(RN) EC 1.14.99.-
(SY) steroid-6 beta hydroxylase
(HM) *STEROID HYDROXYLASES

beta-subunit of human chorionic gonadotropin see HCG-beta

beta-D-Talopyranose, 1,6-O-(5-(2-(2-amino-1,4,5,6,7,8-hexahydro-4-oxo-6-pteridinyl)-3(or 4)-carboxy-4-((1,3-dicarboxypropyl)amino)-2-hydroxy-3-buteayl)-5-hydroxy-1,3-cyclohexanediyl)-2-deoxy-2-((2,4-dihydroxy-1-oxobutyl)amino)- see carboxy-5,6,7,8-tetrahydromethanopterin

11 beta,17,20,21-tetrahydroxypregn-4-en-3-one see 20-hydroxycortisol

beta-thia-imino-prostacyclin see HOE 892

beta-thiaproline see thiazolidine-2-carboxylic acid

beta-thio-ADP see adenosine 5'-O-(2-thiodiphosphate)

3 beta-thiocholecalciferol see 3-thiovitamin D3

beta-thioguanine deoxyriboside see beta-2'-deoxythioguanosine

beta-thiopyruvic acid see 3-mercaptopyruvate

beta-thujaplicin

(RN) 499-44-5
(RR) 17387-01-8 (Na salt)
(SY) 4-isopropyltropolone
(SY) 2-hydroxy-4-isopropyl- 2,4,6-cycloheptatriene-1-one
(SY) hinokitiol
(HM) *TROPOLONE/analogs
(PA) ANTI-INFECTIVE AGENTS
(II) IRON CHELATES
(NO) RN given refers to parent cpd; structure

beta-thujone

(RN) 1125-12-8
(RR) 471-15-8 (1S-(1alpha,4beta,5alpha)-isomer)
(RR) 546-80-5 ((1S-(1alpha,4alpha,5alpha)-isomer)
(RR) 59573-80-7 ((1alpha,4alpha,5alpha)-isomer)
(SY) 3-thujanone
(SY) thujone
(SY) 3-isothujone
(HM) *TERPENES
(NO) constituent of many essential oils; present in thuja etc.; ingestion may cause convulsions; active principle of Artemisia absinthium; RN given refers to cpd without isomeric designation; structure

beta titanium

(SY) beta titanium alloy
(HM) *TITANIUM
(II) DENTAL ALLOYS
(II) ALLOYS
(NO) titanium which above 1,625 F rearranges into a body-centered cubic (BCC) lattice; it can be mixed with various other metals in the beta state; RN in Chemline for a titanium alloy mixed with iron, molybdenum, tin, zirconium & called beta III: 12741-53-6

beta titanium alloy see beta titanium

beta-TM-10 see xylocholine

beta-toxin (staph) see staphylococcal beta-toxin

beta-tricalcium phosphate see synthos

6-beta-(trifluoromethane sulfonyl)amido-penicillanic acid sulfone see 6-beta-(trifluoromethanesulfonyl)amido-penicillanic acid sulfone

6-beta-(trifluoromethanesulfonyl)amido-penicillanic acid sulfone

(RN) 83053-95-6
(SY) TFMSAPAS
(SY) 6-beta-(trifluoromethane sulfonyl)amido-penicillanic acid sulfone
(HM) *PENICILLANIC ACIDS
(PA) BETA LACTAMASES/antag
(NO) structure given in first source

11 beta,17,21-trihydroxy-6,16 alpha-dimethyl-2'-phenyl-2'H-pregna-2,4,6-trieno(3,2-c)pyrazol-20-one see deacylcortivazol

3 beta,5,14-trihydroxy-19-oxo-5 beta-bufa-20,22-dienolide-3-(3-methylcrotonate) see acrihellin

beta-(9-Tyr)-(9-18)-MSH see MSH, beta-(9-Tyr)-(9-18)-

beta-(9-tyrosine)-(9-18)-MSH see MSH, beta-(9-Tyr)-(9-18)-

beta-ureidopropionic acid see N-carbamoyl-beta-alanine

beta-vinculin see vinculin

beta-vinyllactic acid

(SY) 3-vinyllactic acid
(HM) *LACTATES
(PA) CONVULSANTS

beta-VLDL receptor see VLDL receptor

beta-whitlockite see whitlockite

betaxolol

(RN) 63659-18-7
(RR) 72424-72-7 (HCl(+-)-isomer)
(SY) 1-(isopropylamino)-3-(p-(cyclopropylmethoxyethyl)phenoxy)-2-propanol.HCl
(SY) 1-(4-(2-cyclopropylmethoxyethyl)phenoxy)-3-isopropyl aminopropan-2-ol
(SY) SL 75212
(HM) *PROPANOLAMINES
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS
(NO) RN given refers to parent cpd without isomeric designation; structure

beta xylanase see endo-1,4-beta-xylanase

1,4-beta-D-xylan synthase

(RN) EC 2.4.2.24
(RR) 37277-73-9 (CRN)
(SY) xylan synthase
(HM) *PENTOSYLTRANSFERASES

1,4 beta-xylan xylohydrolase see exo-1,4-beta-D-xylosidase

2'-5'-9 beta-D-xylofuranosyladenine trimer see (2'-5')-9-xylofuranosyladenine trimer

9-beta-xylofuranosyladenine 5'-triphosphate

(RN) 653-60-1
(SY) xylo-ATP
(SY) xylosyl-ATP
(HM) ADENOSINE TRIPHOSPHATE/*analogs
(PA) RNA POLYMERASE I/antag
(PA) RNA POLYMERASE II/antag
(NO) RN given refers to (D)-isomer; RN for cpd without isomeric designation not in Chemline 10/85

9 beta-D-xylofuranosyladenine see 9-xylosyladenine

beta-xylosidase see exo-1,4-beta-D-xylosidase

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beta-D-xyloside see xylosides

9 beta-D-xylosyladenine see 9-xylosyladenine

beta-D-xylosyltransferase see UDP xylose-protein xylosyltransferase

beta-zearalenol see alpha-zearalenol

betazinc
(RN) 3734-24-5
(HM) DIIODOTYROSINE/*analogs
(PA) THYROID ANTAGONISTS

beta1H see beta-1H

beta-1H
(SY) beta 1H globulin
(SY) beta1H
(SY) complement protein beta1H
(SY) factor beta1H
(SY) human factor H
(SY) factor H, complement regulating protein
(SY) complement factor H
(HM) *COMPLEMENT 3B INACTIVATORS
(NO) beta-globulin which regulates the dissociation of C3b; structure

bethanechol
(RN) 674-38-4
(RR) 590-63-6 (chloride)
(RR) 2260-52-8 (iodide)
(SY) bethanechol chloride
(HM) *BETHANECHOL COMPOUNDS
(NO) RN given refers to parent cpd

bethanechol chloride see bethanechol

Betnesol see dexamethasone-21-phosphate

BETPPT see N,N,N',N'-bis(1,2-ethanediyl)-N''-(1-oxyl-2,2,6,6-tetramethyl-4-piperidinylaminocarbonyl)phosphoric triamide

betulic acid see betulinic acid

betulinic acid
(RN) 472-15-1
(SY) betulic acid
(HM) *TRITERPENES
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(NO) isolated from bark of Eurya Japonica; structure

bevantolol
(RN) 59170-23-9
(RR) 42864-78-8 (HCl)
(SY) CI-775
(SY) CI 775
(HM) *PROPANOLAMINES
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS
(NO) RN given refers to parent cpd; structure

bevonium
(RN) 33371-53-8
(RR) 5205-82-3 (methylsulfate)
(RR) 35517-05-6 (sulfate[1:1])
(SY) CG 201
(SY) piribenzil methyl sulfate
(SY) Acabel
(SY) bevonium methyl sulfate
(HM) *BENZILATES
(PA) PARASYMPATHOLYTICS
(PA) BRONCHODILATOR AGENTS
(NO) RN given refers to parent cpd; structure

bevonium methyl sulfate see bevonium

Bexide see dixanthogen

bezitramide
(RN) 15301-48-1
(RR) 59708-44-0 (mono-HCl)
(SY) burgodin
(HM) *BENZIMIDAZOLES
(PA) ANALGESICS
(PA) ANTITUSSIVE AGENTS
(NO) RN given refers to parent cpd; structure

BE-2254 see BE 2254

BE 2254
(RN) 40077-13-2
(RR) 81252-12-2 ((+-)-isomer)
(SY) 2-(beta-(4-hydroxyphenyl)ethylaminomethyl) tetralone
(SY) IBE 2254
(SY) BE-2254
(HM) *PHENETHYLAMINES
(PA) ADRENERGIC ALPHA RECEPTOR BLOCKADERS
(NO) produces blockade of central receptors for norepinephrine; RN given refers to cpd without isomeric designation

BE-5895 see moxonidine

BE 5895 see moxonidine

BE 6143
(RN) 76727-72-5
(SY) BE-6143
(SY) BDF 6143
(SY) BDF-6143
(SY) 4-chloro-2-(2-imidazolin-2-ylamino)isoindoline
(SY) 2H-Isoindol-2-amine, 4-chloro-N-(4,5-dihydro-1H-imidazol-2-yl)-1,3-dihydro-, monohydrochloride
(HM) *IMIDAZOLES
(NO) acts as partial agonist at the postsynaptic alpha-adrenoreceptors of the rat anococcygeus muscle & as antagonist at the presynaptic alpha-adrenoreceptors of the rat vas deferens

BE-6143 see BE 6143

B-factor see 3'-(1-butylphosphoryl)adenosine

BF-DEAE see ibuprofen diethylaminoethyl ester

B-fd gene 2 protein see gene proteins, viral

BFE 60 see befunolol

BFP see 2-benzyl-3-formylpropanoic acid

BF-6 see BF 6

BF 6
(RN) 58740-20-8
(SY) adhesive BF-6
(SY) BF-6
(HM) *DENTAL CEMENTS

BGBTSBX see fluorescein diester

BGDF see B cell-activating factor

BGG-Pen see bovine gamma globulin-penicilloyl

BGID see benzo(g)isoquinoline-5,10-dione

BglI endonuclease see endodeoxyribonuclease BglI

BglII endonuclease see endodeoxyribonuclease BglII

B-Glu-BE see tert-butyloxycarbonyl-glutamic acid 1-benzyl ester

BGMDI see beta,gamma-methylene-7,8-dihydroneopterin 3'- triphosphate

BGPGAG see bis(glycerol phosphate)-3-glucosyl(1-4)-N-acetylglucosamine

BGP I see biliary glycoprotein I

BGPP see beta-galactosidase protective protein

BH-AC-AMP
(HM) CYTARABINE/analogs
(HM) NAPHTHACENES
(HM) 6-MERCAPTOPURINE
(HM) PREDNISOLONE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of N(4)-behenoyl-1-beta-arabinofuranosylcytosine, aclarubicin, 6-mercaptopurine & prednisolone

3-BHADO see 3-hydroxyandrosta-5,7-dien-17-one

2,3-BHBBD see 2,3-bis(3'-hydroxybenzyl)butane-1,4-diol

2,3-BHBB see 2,3-bis(3'-hydroxybenzyl)butyrolactone

B12-HBI methyltransferase see methanol-5-hydroxybenzimidazolylcobamide methyltransferase

BHBME see beta-homobetaine methyl ester

BH-CCK8 see Bolton Hunter-cholecystokinin octapeptide

BHCTa see benzylhydrochlorothiazide

3-BHHA see 3-tert-butyl-4,5-dihydroxyanisole

1,2-BHMCP see 1,2-bis(hydroxymethyl)-3-cyclopentene

BHMDF see 2,3-bis(3'-hydroxybenzyl)butyrolactone

BHMH see 2-tert-butylazo-2-hydroxy-5-methylhexane

BHMN see bis(helenalinyl)malonate

BHOOCFO see 5-(benzoyloxy)-3,3a,4,5,6,6a-hexahydro-4-(3-oxo-1-octenyl)-2H-cyclopenta(b)furan-2-one

BHPN see 3-butenyl-(3-hydroxypropyl)nitrosamine

BHQD see benzo(h)quinoline-5,6-dione

BH-reagent see N-succinimidyl 3-(3-hydroxy-5-iodophenyl)propionate

BHR-SP see Bolton Hunter reagent-substance P conjugate

(125-I)BHR-substance P conjugate see Bolton Hunter reagent-substance P conjugate

BHT-OH see 2,6-di-tert-butyl-4-hydroxy-4-methyl-2,5-cyclohexadien-1-one

BHT-QM see 2,6-di-tert-butyl-4-methylene-2,5-cyclohexadienone

BHT-quinone methide see 2,6-di-tert-butyl-4-methylene-2,5-cyclohexadienone

B HT920 see B-HT 920

B-HT 920
(RN) 36085-73-1
(SY) 2-amino-6-allyl-5,6,7,8-tetrahydro-4H-thiazolo-(5,4-d)azepin-dihydrochloride
(SY) B HT920
(HM) *AZEPINES
(PA) ADRENERGIC ALPHA RECEPTOR AGONISTS
(NO) dopamine receptor agonist; structure given in first source

B HT-933 see B-HT 933

BHT 933 see B-HT 933

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B-HT 933
(RN) 36067-73-9
(RR) 36067-72-8 (di-HCl)
(SY) 2-amino-6-ethyl-4,5,7,8-tetrahydro-6H-oxazolo(5,4-d)azepine.2HCl
(SY) azepexole
(SY) BHT 933
(SY) B HT-933
(HM) *AZEPINES
(PA) ANTIHYPERTENSIVE AGENTS
(PA) VASOCONSTRICTOR AGENTS
(PA) ADRENERGIC ALPHA RECEPTOR AGONISTS
(NO) RN given refers to parent cpd

B HT-958 see B-HT 958

B-HT 958
(RN) 83718-64-3
(RR) 36085-44-6 (di-HCl)
(SY) 2-amino-6-(p-chlorobenzyl)-4H-5,6,7,8-tetrahydrothiazolo (5,4-d)azepine
(SY) B HT-958
(HM) *AZEPINES
(PA) ADRENERGIC ALPHA RECEPTOR AGONISTS
(NO) RN given refers to parent cpd

bialaphos
(RN) 35597-43-4
(SY) phosphinothricyl-Ala-Ala
(SY) phospinothricyl-alanyl-alanine
(SY) antibiotic SF 1293
(SY) phosphinothricylalanylalanine
(HM) *ORGANOPHOSPHORUS COMPOUNDS
(PA) ANTIBIOTICS
(PA) HERBICIDES

3-BIAL see 3-(2-benzimidazolyl)alanine

bianfugecine
(RN) 96681-50-4
(SY) 5,9-dimethoxy-7H-dibenzo(de,h)quinoline-7-one
(HM) *APORPHINES
(NO) oxoisoaporphine alkaloid from extract of Menispermum dauricum rhizome, RN given from CA Index Guide 1985; RN not in Chemline 9/85; structure given in first source

bianfugedine
(RN) 96681-51-5
(SY) 5,6-methylenedioxy-9-methoxy-7H-dibenzo(de,h) quinoline-7-one
(HM) *APORPHINES
(NO) oxoisoaporphine alkaloid from extract of Menispermum dauricum rhizome; RN given from CA Index Guide 1985; RN not in Chemline 9/85; structure given in first source

bianfugenine
(RN) 88142-60-3
(SY) 4,5,6,9-tetramethoxy-7H-dibenzo(de,h)quinolin-7-one
(HM) *APORPHINES
(NO) oxoisoaporphine alkaloid from extract of Menispermum dauricum rhizome; RN given from CA Index Guide 1985; RN not in Chemline 9/85; structure given in first source

BIAP see 2-(3',4'-dihydroxyphenyl-1-azo)benzimidazole

BIAR see 2-(2',4'-dihydroxyphenyl-1-azo)benzimidazole

BIAREZ-B see
2,4-dihydroxy-5-(2-benzimidazolylazo)benzoic acid

Biarison see proquazone

BIC see imidazole mustard

bicarbonate ATPase
(RN) EC 3.6.1.-
(SY) HCO(3)-ATPase
(SY) ATPase, bicarbonate
(SY) Cl ATPase
(SY) ATPase, chloride
(SY) chloride-bicarbonate ATPase
(SY) anion-sensitive ATPase
(HM) *ADENOSINE TRIPHOSPHATASE
(II) BICARBONATES
(NO) anion sensitive

bicarbonate ion
(RN) 71-52-3
(SY) carbonic acid ion
(SY) hydrogen carbonate
(HM) *BICARBONATES

bicarfen see bicarphene

bicarphen see bicarphene

bicarphene
(RN) 57734-69-7
(RR) 57734-70-0 (HCl)
(SY) bicarphen
(SY) bikarfen
(SY) quinuclidinyl-3-di(o-tolyl)carbinol
(SY) bicarfen
(SY) quinuclidyl-3-di-o-tolylcarbinol
(HM) *QUINUCLIDINES
(PA) ANTIHISTAMINICS
(NO) RN given refers to parent cpd; structure

bicifadine
(RN) 71195-57-8
(RR) 66504-75-4 (HCl)
(SY) bicifadine hydrochloride
(HM) *BICYCLO COMPOUNDS
(PA) ANALGESICS
(NO) RN from USAN; RN for parent cpd not in Chemline 5/27/83

bicifadine hydrochloride see bicifadine

bicillin C-R
(RN) 8069-87-2
(HM) *PENICILLIN G, BENZATHINE
(HM) *PENICILLIN G, PROCAINE
(HM) DRUG COMBINATIONS
(NO) combination of above two cpds

bicillin III see bicillin-3

bicillin-3
(RN) 8067-92-3
(RR) 51568-48-0 (bicillin forte)
(RR) 12705-12-3 (bicillin 1)
(SY) bicillin III
(SY) retacillin
(SY) retazillin
(HM) *PENICILLIN G
(HM) *PENICILLIN G, BENZATHINE
(HM) *PENICILLIN G, PROCAINE
(HM) DRUG COMBINATIONS
(NO) mixture of above drugs; RN given refers to K-salt

bicillin-5 see benzathine penicillin V

BICINE see N,N-bis(2-hydroxyethyl)glycine

Biciron see tramazoline

Bicitra see citric acid

Bi-citrate see de-nol

bicitropeptide
(RN) 72484-77-6
(HM) *PROTEINS
(HM) *BISMUTH
(PA) ANTI-ULCER AGENTS
(NO) bismuth-protein complex used in treatment of gastric & duodenal ulcers

BIC mustard see imidazole mustard

bicor see terodiline

bicordin see gapicomine

bicozamycin
(RN) 38129-37-2
(SY) CGP 3543E
(SY) bicyclomycin
(SY) FR 1881
(SY) CGP 354E
(HM) BICYCLO COMPOUNDS
(PA) ANTIBIOTICS
(PA) ANTIDIARRHEALS

bicuculline methiodide
(RN) 40709-69-1
(HM) BICUCULLINE/*analogs

bicuculline methobromide
(RN) 66016-70-4
(HM) BICUCULLINE/*analogs

bicuculline methochloride
(RN) 38641-83-7
(SY) N-methylbicuculline
(HM) BICUCULLINE/*analogs
(NO) guaternary analog of bicuculline; specific GABA antagonist in spinal cord; structure

bicuculline methoxide
(RN) 41544-46-1
(HM) BICUCULLINE/*analogs
(PA) GABA/antag

2-(bicyclo(2.2.1)heptane-2-endo,3-endo-dicarboximido) glutarimide see biglumide

bicyclo(3.1.0)hexane
(HM) *BICYCLO COMPOUNDS

bicyclomycin see bicozamycin

bi(deethyl)chloroquine see N,N-dideethylchloroquine

1,20-N,N-bidemethylated mesulergine see 6-methyl-8 alpha-N-methylsulfamoylaminoergoline

bi(3,5-dibromo-2,4-dihydroxyphenyl) see tebrofen

bidrin see dicrotophos

BIDS see
4-benzamido-4'-isothiocyanostilbene-2,2'-disulfonate

bietaserpine
(RN) 53-18-9
(SY) DL-152
(SY) 1-diethylaminoethylreserpine
(SY) diethylaminoreserpine
(HM) RESERPINE/*analogs
(PA) ANTIHYPERTENSIVE AGENTS
(PA) RADIATION-SENSITIZING AGENTS
(PA) ANTINEOPLASTIC AGENTS
(NO) hypotensive agent; structure

bifemelane see MCI 2016

bificol see bifikol

bifidobacterin
(RN) 76900-77-1
(SY) bifidumbacterin
(HM) *BIOLOGICAL PRODUCTS
(PA) ANTI-INFECTIVE AGENTS
(NO) from a culture of Bacillus bifidum; may be same as bifikol; no other information availible 740101

bifidumbacterin see bifidobacterin

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bifikol
(RN) 76900-78-2
(SY) bificol
(SY) biphicol
(HM) *BACTERIOCINS
(II) LACTOBACILLUS
(II) ESCHERICHIA COLI
(NO) live lyophilized Lactobacillus bifidus No.1 & E. coli strain M-17; may be the same as bifidobacterin

bifilact
(HM) *MURAMIDASE
(HM) DRUG COMBINATIONS
(PA) ANTACIDS
(II) LACTOBACILLUS
(II) BIFIDOBACTERIUM
(NO) antacid combination of lysozyme, Bifidobacterium & Lactobacillus

bifluranol
(RN) 34633-34-6
(HM) HEXESTROL/*analogs
(NO) structure

bifonazole
(RN) 60628-96-8
(SY) Bay H 4502
(SY) Bay H-4502
(SY) Mycospor
(HM) *IMIDAZOLES
(PA) ANTIFUNGAL AGENTS

big-big gastrin see big gastrin

BIGGAM see
tertiary-butyloxycarbonyl-isoleucyl-glutamyl-glycyl-arginyl-7-amino-4-methylcoumarin

big gastrin
(RN) 53988-98-0
(SY) G34
(SY) big-big gastrin
(SY) gastrin 34
(SY) G-34
(HM) *GASTRINS
(NO) isolated from Zollinger-Ellison syndrome gastrinomas & hog antral mucosa; have encountered tetratricontapeptide & nonadecapeptide gastrin; big-big gastrin significantly higher in patients with duodenal ulcers; big gastrin refers "gastrin" which has a longer peptide chain than the normal heptadecapeptide gastrin

'big' leu-enkephalin see beta-neo-endorphin

biglumide
(RN) 14166-26-8
(SY) K-2004
(SY) taglutimide
(SY) 2-(bicyclo(2.2.1)heptane-2-endo,3-endo-dicarboximido)glutarimide
(HM) THALIDOMIDE/*analogs
(PA) HYPNOTICS AND SEDATIVES
(PA) TERATOGENS
(NO) bicyclo analog of thalidomide with teratogenic properties; structure

big plasma glucagon
(RN) 82905-30-4
(SY) glucagonoid
(HM) GLUCAGON/*analogs

big renin see prorenin

BIIA see HE-36

biioquinol
(RN) 8048-94-0
(SY) bijochinol
(HM) *QUININE
(NO) bismuth-iodide of above main heading

bijochinol see biioquinol

bikarfen see bicarphene

bikaverin
(RN) 33390-21-5
(HM) *XANTHENES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(PA) ANTIPROTOZOAL AGENTS
(PA) ANTINEOPLASTIC AGENTS

biketboxal
(RN) 84031-85-6
(SY) ethylene glycol bis(3-(2-ketobutyraldehyde) ether)
(HM) *ALDEHYDES
(II) CROSS-LINKING REAGENTS
(NO) RN and structure from first source; RN not in Chemline 10/83

bile acid 7 alpha-dehydroxylase
(RN) EC 1.14.-
(SY) 7 alpha-dehydroxylase
(HM) *STEROID HYDROXYLASES
(II) BILE ACIDS AND SALTS
(NO) substrate BILE ACIDS AND SALTS may be replaced by specific bile acids as appropriate; mechanism is questionable: cholic acid - deoxycholic acid - chenodeoxycholic acid - lithocholic acid

bile acid 7-alpha-dehydroxylase see bile acid 7-dehydroxylase

bile acid and salt binding proteins see bile acid binding proteins

bile acid binder I see bile acid binding proteins

bile acid binder II see bile acid binding proteins

bile acid-binding proteins see bile acid binding proteins

bile acid binding proteins
(SY) bile acid and salt binding proteins
(SY) bile acid binder I
(SY) bile acid binder II
(SY) bile acid-binding proteins
(SY) bile salt-binding proteins
(HM) *CARRIER PROTEINS
(II) BILE ACIDS AND SALTS
(NO) closely related proteins (MW 33,000) from rat hepatic cytosol with bile acid binding activity; bile-salt binding polypeptides in brush-border membrane vesicles

bile acid-CoA glycine taurine N-acyltransferase see cholyl CoA glycine-taurine N-acyltransferase

bile acid 7-dehydroxylase
(RN) EC 4.2.1.-
(SY) bile acid 7-alpha-dehydroxylase
(HM) *HYDRO-LYASES

bile acid sulfates
(HM) *BILE ACIDS AND SALTS

bile acid sulfotransferase see bile salt sulfotransferase

bile salt-binding proteins see bile acid binding proteins

bile salt hydrolase see choloylglycine hydrolase

bile salt sulfatase
(RN) EC 3.1.6.-
(HM) *SULFATASES
(NO) produces microorganism from the fecal flora of conventional rats

bile salt sulfotransferase
(RN) EC 2.8.2.14
(RR) 65802-92-8 (CRN)
(SY) bile acid sulfotransferase
(HM) *SULFURTRANSFERASES
(NO) catalyzes the sulfation of glycolithocholate & taurolithocholate

biliary glucagon-like substance see glucagon-like-immunoreactivity

biliary glycoprotein I
(SY) BGP I
(HM) *GLYCOPROTEINS
(NO) constituent of normal human bile & serum; MW about 90,000 daltons; contains about 40% carbohydrate; greatly elevated in patients with liver diseases

Biligrafin forte see meglumine iodipamide

Biligram see methylglucamine ioglycamide

bilimiro see iopronic acid

biliognost see iodoalphionic acid

bilirubin-binding protein
(SY) bilirubin binding protein
(SY) sulfobromophthalein-binding protein
(SY) sulfobromophthalein binding protein
(HM) *CARRIER PROTEINS
(II) BILIRUBIN
(II) SULFOBROMOPHTHALEIN

bilirubin binding protein see bilirubin-binding protein

bilirubin diglucuronide
(RN) 17459-92-6
(HM) BILIRUBIN/*analogs

bilirubin dimethyl diester see bilirubin dimethyl ester

bilirubin dimethyl ester
(RN) 19792-68-8
(SY) bilirubin dimethyl diester
(HM) BILIRUBIN/*analogs

bilirubin glucuronate
(RN) 27071-67-6
(SY) glucuronic acid conjugates of bilirubin
(SY) bilirubin glucuronide
(SY) bilirubin monoglucuronide
(HM) BILIRUBIN/*analogs

bilirubin glucuronide see bilirubin glucuronate

bilirubin glucuronoside glucuronosyltransferase
(RN) EC 2.4.1.95
(SY) bilirubin glucuronyl transferase
(SY) bilirubin glucuronyltransferase
(HM) *HEXOSYLTRANSFERASES

bilirubin glucuronyltransferase see bilirubin glucuronoside glucuronosyltransferase

bilirubin glucuronyl transferase see bilirubin glucuronoside glucuronosyltransferase

bilirubin monoglucuronide see bilirubin glucuronate

bilirubin NAD(P) oxidoreductase see biliverdin reductase

bilirubin oxidase
(RN) EC 1.3.3.5
(HM) *OXIDOREDUCTASES

biliscopin see iotroxamide

bilitranslocase
(HM) *MEMBRANE PROTEINS
(II) ACTIVE TRANSPORT
(NO) plasma membrane protein involved in hepatic bilibubin & organic anion uptake

biliverdin diglucuronate see biliverdin diglucuronide

biliverdin diglucuronide
(SY) biliverdin diglucuronate
(HM) BILIVERDINE/*analogs
(NO) identical with pigments derived from bile

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biliverdin glucuronate
(SY) biliverdin glucuronide
(SY) biliverdin monoglucuronide
(HM) BILIVERDINE/*analogs
(NO) identical with pigments derived from bile

biliverdin glucuronide see biliverdin glucuronate

biliverdin monoglucuronide see biliverdin glucuronate

biliverdin reductase
(RN) EC 1.3.1.24
(SY) bilirubin NAD(P) oxidoreductase
(HM) *OXIDOREDUCTASES

biliverdin XIIIa see biliverdin XIII alpha

biliverdin XIII alpha
(RN) 28022-06-2
(SY) biliverdin XIIIa
(HM) BILIVERDIN/*analogs
(NO) RN given from CA Index Guide; RN not in Chemline 7/84; structure given in first source

biliverdin XIIIb see biliverdin XIII beta

biliverdin XIII beta
(RN) 70695-22-6
(SY) biliverdin XIIIb
(HM) BILIVERDIN/*analogs
(NO) RN given from CA Index Guide; RN not in Chemline 7/84; structure given in first source

biliverdin XIIIg see biliverdin XIII gamma

biliverdin XIII gamma
(RN) 70707-71-0
(SY) biliverdin XIIIg
(HM) BILIVERDIN/*analogs
(NO) RN given from CA Index Guide; RN not in Chemline 7/84; structure given in first source

S-bimane-L-cysteine see S-bimanylcysteine

bimanephosphatidylcholine
(SY) Bim-PC
(HM) *PHOSPHATIDYLCHOLINES
(II) FLUORESCENT DYES
(NO) fluorescent lipid analog for use in lipid bilayers

bimanes
(HM) *BICYCLO COMPOUNDS
(NO) structure

S-bimanylcysteine
(RN) 87623-39-0
(SY) S-bimane-L-cysteine
(HM) CYSTEINE/*analogs
(HM) *BICYCLO COMPOUNDS

bimetrol see 6-iodomethylcholesterol

Biminol see deanol acetamidobenzoate

bimolane
(RN) 74550-97-3
(SY) AT 1727
(HM) *RAZOXANE/analogs
(PA) ANTINEOPLASTIC AGENTS
(PA) RADIATION-SENSITIZING AGENTS
(NO) structure given in first source

2,2'bimorphine see pseudomorphine

Bim-PC see bimanephosphatidylcholine

bindin
(HM) *GLYCOPROTEINS
(II) ADHESIVENESS
(II) SPERM-OVUM INTERACTIONS
(II) CELL ADHESION
(NO) insoluble granular material of the acrosome vesicle of the sea urchin sperm which is a protein that mediates adhesion of the sperm to the vitelline layer of the egg; do not use binding proteins because this is not a carrier protein

2-5A-binding protein
(SY) 2-5A binding protein
(HM) *CARRIER PROTEINS
(II) OLIGONUCLEOTIDES

2-5A binding protein see 2-5A-binding protein

bindin receptor
(SY) bindin receptors
(SY) receptor, bindin
(SY) egg surface sperm receptor, sea urchin
(SY) speract receptor
(SY) receptor, speract
(SY) speract receptors
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) GLYCOPROTEINS
(II) SPERM-OVUM INTERACTIONS
(NO) found on sea urchin egg surface

bindin receptors see bindin receptor

binedaline
(RN) 60662-16-0
(RR) 57647-35-5 (mono-HCl)
(HM) *INDOLES
(PA) ANTIDEPRESSIVE AGENTS
(NO) RN given refers to parent cpd; structure given in first source

BI-NeuAc see 5-N-acetylneuraminic acid-5-bromo-3-indolyl-alpha- ketoside

BinI endonuclease see endoeoxyribonuclease BinI

binifibrate
(RN) 69047-39-8
(SY) biniwas
(SY) 3-pyridine carboxylic acid 2-(2-(4-chlorophenoxy)-2-methyl-1-oxopropoxy)-1,3-propanediyl ester
(HM) *NICOTINIC ACIDS
(PA) ANTILIPEMIC AGENTS
(NO) two nicotinic & one clofibiric radical esterified by glycerol moiety

biniwas see binifibrate

binodaline
(RN) 75790-51-1
(SY) Sgd Scha 1059
(HM) *INDOLES
(PA) ANTIDEPRESSIVE AGENTS
(NO) structure given in first source & in UD 32;121p

binovum see Modicon

BinSI endonuclease see endodeoxyribonuclease EcoRII

BinSII endonuclease see endodeoxyribonuclease BinSII

B(20-30) insulin see insulin, B(20-30)-

B(9-30) insulin see insulin, B(9-30)-

bioallethrin
(RN) 28434-00-6
(RR) 61009-25-4 ((1S-(1alpha(S*),3alpha))-isomer)
(RR) 23453-09-0 ((1S-(1alpha(S*),3beta))-isomer)
(RR) 83478-01-7 ((1R-(1alpha(S*),2beta))-isomer)
(RR) 73060-66-9 (3H-labeled cpd)
(RR) 61046-09-1 ((1R-(1alpha(S*),3alpha))-isomer)
(RR) 61009-26-5 ((1R-(1alpha(R*),3beta))-isomer)
(RR) 61009-24-3 ((1S-(1alpha(R*),3alpha))-isomer)
(RR) 61009-23-2 ((1R-(1alpha(R*),3alpha))-isomer)
(SY) S-bioallethrin
(HM) *ALLETHRIN
(II) STEREOISOMERS
(NO) RN given refers to (1R-(1alpha(S*),3beta))-isomer; see also record for ALLETHRIN which is cpd without isomeric designation

S-bioallethrin see bioallethrin

biobond
(RN) 76900-80-6
(HM) *CYANOACRYLATES
(HM) *CYANATES
(NO) contains methyl-2-cyanoacrylate (Eastman 910 adhesive) & polyisocyanate nitrilgummi in nitromethane solution; used to coat intracranial aneurysms

Biobrane
(HM) *BIOCOMPATIBLE MATERIALS
(II) OCCLUSIVE DRESSINGS
(NO) synthetic, biocompatible dressing used to treat patients with partial thickness burn wounds; polypeptide-coated, nylon-silicone rubber fabric bilayer

biocapton see fenethylline

biocast
(RN) 80295-73-4
(RR) 82641-43-8 (biocast RX)
(HM) *CHROMIUM ALLOYS
(II) DENTAL ALLOYS
(NO) cobalt-chromium alloy modified with molybdenum, manganese & iron; RN given refers to cpd with unknown MF

biochanin A
(RN) 491-80-5
(RR) 17713-17-6 (14C-labeled cpd)
(SY) genistein 4-methyl ether
(HM) *ISOFLAVONES
(NO) phytoestrogen; RN given refers to unlabeled cpd; structure

biocytin
(RN) 576-19-2
(SY) biotinyl-L-lysine
(HM) LYSINE/*analogs

biocytin hydrolase see biotinidase

12-biocytinyl-1-N(alpha)-dodecanoyl-seryl-4-norleucyl-7-phenylalanine-alpha-MSH see MSH, 12-Bct-1-N(alpha)-dodecanoyl-Ser-4-Nle-7-Phe- alpha-

biothanomethrin see ethanoresmethrin

biofer
(HM) *GAMMA GLOBULINS
(HM) *IRON-DEXTRAN COMPLEX
(HM) *VITAMIN B 12
(HM) *PROTEIN HYDROLYSATES
(HM) DRUG COMBINATIONS
(NO) antianemia tonic for calves containing bovine gamma globulin, ferridextran, cyanocobalamin, protein hydrolysate, copper sulfate & cobalt chloride

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Bio-Gel P-4
(RN) 39454-59-6
(HM) *ACRYLIC RESINS
(II) GELS
(II) ELECTROPHORESIS, POLYACRYLAMIDE GEL
(NO) polyacrylamide gel; see also record for polyacrylamide gels

biogest see sterolibrin

bioglass
(HM) *CERAMICS
(II) BIOCOMPATIBLE MATERIALS
(II) BONE CEMENTS
(NO) bone-bonding ceramic composed of sodium carbonate, calcium carbonate, phosphorus pentoxide & silica

BIOLF 62
(RN) 82410-32-0
(SY) BIOLF-62
(SY) 9-((2-hydroxy-1-(hydroxymethyl)ethoxy)methyl) guanine
(SY) 2'-nor-2'-deoxyguanosine
(SY) 2'-NDG
(SY) 9-((1,3-dihydroxy-2-propoxy)methyl)guanine
(SY) BW 759
(SY) BW-759
(SY) BWB 759U
(SY) BW-B759U
(HM) ACYCLOVIR/*analogs
(PA) ANTIVIRAL AGENTS
(NO) active in vitro against Herpes Simplex Virus; structure given in first source

BIOLF-62 see BIOLF 62

BIOLF 70
(SY) BIOLF-70
(SY) 9-((2-benzyloxyl-1-(benzyloxymethyl)ethoxy) methyl)-6-chloroguanine
(HM) GUANINE/*analogs
(PA) ANTIVIRAL AGENTS

BIOLF-70 see BIOLF 70

biolite
(HM) *CARBON
(II) BIOCOMPATIBLE MATERIALS
(NO) carbon coating biocompatible material; no other information available

biolumazine
(HM) *PTERIDINES
(NO) found in human feces after administration of 5,6,7,8-tetrahydrobiopterin

biomer
(RN) 61789-63-7
(HM) *POLYURETHANES
(II) BIOCOMPATIBLE MATERIALS
(NO) segmented polyether polyurethane with properties similar to lycra

Bion
(RN) 51097-38-2
(HM) *POLYMERS
(HM) *ALKADIENES
(II) BIOCOMPATIBLE MATERIALS
(NO) polyolefin elastomer made from 1-hexene & 5-methyl-1,4-hexadiene & 4-methyl-1,4-hexadiene

Bionite
(RN) 25053-81-0
(SY) polymacon
(SY) Soflens
(SY) Hydron
(SY) spheron 300
(HM) *POLYHYDROXYETHYL METHACRYLATE/analogs
(II) CONTACT LENSES, HYDROPHILIC
(II) OCCLUSIVE DRESSINGS
(II) ROOT CANAL FILLING MATERIALS
(II) IMPLANTS, ARTIFICIAL
(NO) used in hydrophilic contact lenses & in occlusive dressings; contains ethylene glycol dimethacrylate-2-hydroxyethyl methacrylate copolymer; previously thought to contain hydroxyethylmethacrylate & polyvinylpyrrolidone (polymerized)

bioplast (fibrin)
(RN) 60604-93-5
(HM) *FIBRIN
(II) BIOPOLYMERS
(II) BIOCOMPATIBLE MATERIALS
(NO) absorbable surgical implant material from fibrin

biopterin synthase see sepiapterin reductase

bioresmethrin
(RN) 28434-01-7
(RR) 75422-91-2 (14C-labeled cpd, (1R-trans)-isomer)
(RR) 33911-28-3 (trans-(-)-isomer)
(RR) 10453-55-1 (trans-(+-)-isomer)
(SY) trans-resmethrin
(HM) *PYRETHRINS
(II) STEREOISOMERS
(NO) RN given refers to (1R-trans)-isomer; structure

Bio-Rex 70
(RN) 9015-69-4
(HM) *CATION EXCHANGE RESINS
(NO) weak cation exchange resin

biorinil
(RN) 338-98-7
(RR) 570-36-5 ((6alpha,11beta)-isomer)
(SY) 9 alpha-fluoroprednisolone 21-acetate
(HM) FLUPREDNISOLONE/*analogs
(PA) VASOCONSTRICTOR AGENTS, NASAL
(II) ISOMERISM
(II) DERMATOLOGIC AGENTS
(NO) RN given refers to (11beta)-isomer; RN for cpd without isomeric designatin not in Chemline 1/3/84; structure

biosilon see styrofoam

biostim
(SY) RU 41740
(SY) RU-41.740
(HM) *GLYCOPROTEINS
(PA) IMMUNOSTIMULANTS
(II) BACTERIAL PROTEINS
(NO) extract from Klebsiella pneumoniae; composed of 2 glycoproteins MW 350,000 & 95,000; restores & enhances delayed cutaneous hypersensitivity in cancer patients & reduces number & length of infectious episodes in chronic bronchitis patients

biotin-(acetyl-CoA carboxylase)synthetase
(RN) EC 6.3.4.15
(SY) biotin-apocarboxylase ligase
(HM) *LIGASES

biotin-apocarboxylase ligase see biotin-(acetyl-CoA carboxylase)synthetase

biotin-binding protein
(SY) biotin binding protein
(HM) *CARRIER PROTEINS
(II) BIOTIN

biotin binding protein see biotin-binding protein

biotin-dependent multiple carboxylases see multiple carboxylases, biotin responsive

biotin-11-dUTP
(HM) BIOTIN/*analogs
(HM) *DEOXYURACIL NUCLEOTIDES
(NO) used in detection of sickle cell anemia

biotinidase
(RN) EC 3.5.1.12
(RR) 9025-15-4 (CRN)
(SY) biocytin hydrolase
(HM) *AMIDOHYDROLASES
(NO) deficiency may lead to late onset multiple carboxylase deficiency (organic acidemias)

biotin-p-nitrophenyl ester see biotinyl-4-nitrophenyl ester

biotin repressor
(HM) *REPRESSOR PROTEINS

biotinyl-ACTH see ACTH, biotinyl-

2-(biotinylamido)ethanol
(SY) 2-BAE
(HM) BIOTIN/*analogs

biotinyl-6-aminoquinoline
(SY) B-6-AQ
(HM) BIOTIN/*analogs
(II) FLUORESCENT DYES
(NO) fluorogenic substrate for biotinidase; structure given in first source

biotinylated-Lys(6)-GNRH see LHRH, biotin-Lys(6)

biotinylated-lysine(6)-LHRH see LHRH, biotin-Lys(6)

biotinylcorticotropin see ACTH, biotinyl-

biotinyl N-hydroxysuccinimide ester
(RN) 77992-61-1
(HM) BIOTIN/*analogs
(NO) used to prepare biotinylated erythrocytes

biotinylinsulin see insulin, biotinyl-

biotinyl-Lys(6)-GNRH see LHRH, biotin-Lys(6)

biotinyl-L-lysine see biocytin

biotinyl-4-nitrophenyl ester
(RN) 33755-53-2
(SY) biotin-p-nitrophenyl ester
(HM) BIOTIN/*analogs
(II) AFFINITY LABELS

bio-vitroceramic AP40
(RN) 80294-22-0
(SY) bio-vitro-ceramic AP40
(SY) BVC AP40
(SY) ceravital
(SY) AP40
(HM) *CERAMICS
(II) DENTAL MATERIALS
(II) BIOCOMPATIBLE MATERIALS
(NO) used as implant material

bio-vitro-ceramic AP40 see bio-vitroceramic AP40

2,2'-bioxirane see erythritol anhydride

bioxone see methazole

biozym
(RN) 58640-44-1
(SY) biozym solution
(HM) *PEPTIDE HYDROLASES
(PA) DISINFECTANTS
(NO) cleans & disinfects bacterial contaminated matter; ineffective against yeast

biozym solution see biozym

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Bio-66 see 11-ketoprogesterone

biperidene lactate see biperiden lactate

biperiden lactate
(RN) 7085-45-2
(SY) biperidene lactate
(HM) *BIPERIDEN/analogs
(PA) ANTIDOTES

o,o'-biphenol see 2,2'-biphenol

2,2'-biphenol
(RN) 1806-29-7
(SY) o,o'-biphenol
(SY) 2,2'-biphenyldiol
(SY) 2,2'-dihydroxybiphenyl
(HM) *PHENOLS

biphenyl see diphenyl

biphenylacetic acid see biphenylylacetic acid

biphenylacetylene
(RN) 501-65-5
(SY) diphenylacetylene
(HM) ACETYLENE/*analogs

4-biphenylacetylene see 4-ethynylbiphenyl

4-biphenylamine
(RN) 92-67-1
(RR) 2113-61-3 (HCl)
(SY) 4-aminobiphenyl
(HM) *AMINOBIPHENYL COMPOUNDS
(PA) CARCINOGENS
(NO) used in detection of sulfates, & as a carcinogen in cancer research; RN given refers to parent cpd; structure

1,1'-biphenyl-2,2'-dicarboxylate see diphenic acid

biphenyl dimethyl-dicarboxylate see 7,7'-dimethoxy-(4,4'-bi-1,3-benzodioxole)-5,5'-dicarboxylic acid dimethyl ester

2,2'-biphenyldiol see 2,2'-biphenol

5,5'-((1,1-biphenyl)-2,5-diylbis(oxy))bis(2,2-dimethylpentanoic acid) see CI 924

biphenyl-2-hydroxylase
(RN) EC 1.14.14.-
(HM) *ARYL HYDROCARBON HYDROXYLASES

biphenyl-4-hydroxylase
(RN) EC 1.14.14.-
(HM) *ARYL HYDROCARBON HYDROXYLASES
(NO) mixed function oxidase

p-biphenylmethyl-(di-tropyl-alpha-tropinium)bromide see 4-biphenylmethyl-(tropyl-alpha-tropinium)

4-biphenylmethyl-(di-tropyl-alpha-tropinium)bromide see 4-biphenylmethyl-(tropyl-alpha-tropinium)

4-biphenylmethyl-(tropyl-alpha-tropinium)
(RN) 38971-12-9
(RR) 511-55-7 (bromide(endo)-(+-)-isomer)
(SY) p-biphenylmethyl-(dl-tropyl-alpha-tropinium) bromide
(SY) 4-biphenylmethyl-(dl-tropyl-alpha-tropinium) bromide
(SY) BTTB
(HM) *TROPANES
(NO) RN given refers to parent cpd(endo)-(+-)-isomer; RN for parent cpd without isomeric designation not in Chemline 1/3/84

2(4-biphenyl)propionic acid
(RN) 35888-99-4
(SY) 2(para-biphenyl)propionic acid
(HM) *BIPHENYL COMPOUNDS
(PA) PROSTAGLANDIN SYNTHASE/antag

biphenylylacetic acid
(RN) 51317-25-0
(RR) 23948-77-8 (3-acetic acid cpd)
(RR) 5728-52-9 (4-acetic acid cpd)
(RR) 51714-20-6 (14C-labeled cpd)
(SY) biphenylacetic acid
(HM) *PHENYLACETATES
(NO) metabolite of BHD 7538; RN given refers to cpd with unspecified locants for acetic acid moities

3-(4-biphenylylcarbonyl)-2-methylpropionic acid see metbufen

biphicol see bifikol

1,3-biphosphoglyceric acid see glycerate 1,3-biphosphate

bipiperidyl mustard
(RN) 6802-93-3
(RR) 5857-53-4 (di-HCl)
(SY) BPM
(HM) *MUSTARD COMPOUNDS
(NO) RN given refers to parent cpd; structure

bipotassium chromate see potassium chromate(VI)

BIPP see bismuth iodoform paraffin paste

4,4'-bipyridyl
(RN) 553-26-4
(RR) 27926-72-3 (di-HCl)
(SY) 4,4'-dipyridyl
(HM) *2,2'-DIPYRIDYL
(II) ISOMERISM
(NO) RN given refers to parent cpd

5-BIPZ see 5-bromoimidazo(1,2-a)pyrazine

bisabolol
(RN) 515-69-5
(RR) 23178-88-3 ((+)-isomer)
(RR) 23089-26-1 ((-)-isomer)
(HM) *SESQUITERPENES
(NO) monocyclic sesquiterpene alcohol with strong bacteriocidal effects, especilly against M. Tuberc.; isolated from seed plant Populus tacamacaha; RN given refers to cpd without isomeric desigation

3,6-bis(acetatomercurimethyl)dioxane
(RN) 51023-77-9
(HM) *METHYLMERCURY COMPOUNDS
(II) SULFHYDRYL REAGENTS
(NO) increases density of DNA; used for density gradient centrifugatim

bis(N-acetyl)chitobiose see N,N-diacetylchitobiose

bis-(acetyl)diaminopentane
(RN) 3073-58-3
(HM) *DIAMINES

2,3-bis(acetyloxymethyl)quinoxaline 1,4-dioxide see quinoxidine

4,4-bis(acetylaarcosyl)oxynestrol see XTL 51

bis((9-acridinyl)Ser-Ala-Cys-Val)dilactone disulfide see bis((9-acridinyl)seryl-alanyl-cysteinyl-valine) dilactone disulfide

bis((9-acridinyl)seryl-alanyl-cysteinyl-valine)dilactone disulfide
(SY) bis((9-acridinyl)Ser-Ala-Cys-Val)dilactone disulfide
(SY) BASACV
(HM) *OLIGOPEPTIDES
(II) INTERCALATING AGENTS
(NO) bisacridinyl peptidic analog of triostin A; structure given in first source

bis-actinomycin D
(SY) bis-actinomycin D1
(SY) bis-actinomycin D-1
(SY) bis-AMD-1
(SY) bis actinomycin D2
(SY) bis-actinomycin D-2
(SY) bis-AMD-2
(HM) DACTINOMYCIN/*analogs
(NO) synthetic sequence-specific ligand in which two actinomycin-like molecules are linked covalently by a flexible chain attached to position 7 of the antibiotic chromophore

bis-actinomycin D-1 see bis-actinomycin D

bis-actinomycin D1 see bis-actinomycin D

bis actinomycin D2 see bis-actinomycin D

bis-actinomycin D-2 see bis-actinomycin D

1,7-bis((1-adamantyl)carbamylguanidino)-4-methyl-4-azaheptane see CK 683A

1,4-bis-(3-(1-adamantyl carbamylguanidino)propyl) piperazine see CK 492B

N,N'-bis(1-adamantyl)ethylenediamine
(RN) 81705-94-4
(SY) N,N'-(1-adamantil)ethylenediamine dibromide
(SY) NBAED
(HM) AMANTADINE/*analogs
(PA) ANTIVIRAL AGENTS
(NO) structure given in first source

bis(5'-adenosyl)tetraphosphatase
(RN) EC 3.6.1.-
(SY) diadenosine tetraphosphatase
(HM) *PHOSPHATASES
(NO) hydrolyzes AppppA to ATP & AMP

bis(5'-adenosyl)triphosphatase
(RN) EC 3.6.1.29
(SY) dinucleoside-triphosphatase
(SY) diadenosine triphosphatase
(HM) *PHOSPHATASES
(II) RIBONUCLEOTIDES
(NO) substrate RIBONUCLEOTIDES may be replaced by specific nucleotides as appr

bisalbumins
(HM) *ALBUMINS
(II) SERUM ALBUMIN
(NO) transitory abnormal electrophoretic serum albumins (drug or metabolite induced); see also related alloalbumins for genetic variants; also found in urine, but not in serum of individuals; use heading SERUM ALBUMIN if in blood

1-(4,6-bis(allylamino)-2,5-triazinyl)-4-bis(p-fluorobenzhydryl)piperazine see almitrine

N,N-bis(allyl)-Tyr-Gly-Gly-psi-methylthio-Phe-Leu see ICI 154129

N,N-bis(allyl)-tyrosyl-glycyl-glycyl-psi-methylthio-phenylalanyl-leucine see ICI 154129

trans-3,3'-bis(alpha-(trimethylammonium)methyl) azobenzene dibromide see Bis-Q

bis-AMD-1 see bis-actinomycin D

bis-AMD-2 see bis-actinomycin D

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bis(5-amidino-2-benzimidazolyl)methane
(RN) 74733-75-8
(RR) 66639-68-7 (tetra-HCl)
(SY) BABIM
(HM) *BENZIMIDAZOLES
(NO) aromatic diamidine which has a significant suppressive effect on the cytopathology & yield of respiratory synctial (RS) virus; RN given refers to parent cpd

bis(2-amino-2-carboxyethyl)trisulfide see thiocystine

1,4-bis((2-aminoethyl)amino)-5,8-dihydroxy-9,10-anthraquinone see CL 232468

1,6-bis(6-amino-2-methyl-4-quinolylamino)hexane see WR 163577

1,2-bis(o-aminophenoxy)ethane-N,N,N',N'-tetraacetic acid see 1,2-bis(2-aminophenoxy)ethane-N,N,N',N'-tetraacetic acid

1,2-bis(2-aminophenoxy)ethane-N,N,N',N'- tetraacetic acid
(RN) 73630-08-7
(SY) BAPETA
(SY) 1,2-bis(o-aminophenoxy)ethane-N,N,N',N'-tetraacetic acid
(HM) *EGTA/analogs
(II) INDICATORS AND REAGENTS
(NO) RN given refers to tetra-K salt; RN for parent cpd not in Chemline 9/21/83; structure in first source

1,7-bis(p-aminophenoxy)heptane see 153C51

1,5-bis(p-aminophenoxy)pentane see M&B 968A

bis(3,3'-aminopropyl)amine see norspermidine

N,N'-bis(3-aminopropyl)cadaverine
(RN) 35514-17-1
(SY) B-3-APC
(HM) *CADAVERINE/analogs

bis(anhydro)aklavinone
(SY) dianhydro-aklavinone
(HM) NAPHTHACENES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) structure given in first source

5,5-bis(ANS) see 5,5'-bis(8-(phenylamino)-1-naphthalenesulfonate)

bisantrene
(RN) 78186-34-2
(RR) 71439-68-4 (di-HCl)
(SY) CL 216942
(SY) 9,10-anthracenedicarboxaldehyde bis(4,5-dihydro-1H-imidazol-2-yl)hydrazone
(SY) NSC 337766
(SY) ADCA
(SY) CL216,942
(HM) ANTHRACENES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) RN given refers to parent cpd; synonyms CL 216942 & NSC 337766 refers to di-HCl

cis-bis(ascorbato)-1,2-diaminocyclohexaneplatinum II see ARK 62-62

bisazir see A 13-61585

2,5-bis(1-aziridinyl)-3,6-bis(2-methoxyethoxy)-4-benzoquinone
(RN) 800-24-8
(SY) aziridyl benzoquinone
(SY) 2,5-bis(methoxyethoxy)-3,6-bis(ethyleneimino)-p-benzoquinone
(SY) Bayer A 139
(SY) 2,5-bis(aziridinyl)-3,6-bis(2-methoxyethoxy) quinone
(SY) aziridinylbenzoquinone
(SY) 2,5-bis(1-aziridinyl)-3,6-bis(2-methoxyethoxy)-2,5-cyclohexadiene-1,4-dione
(HM) *AZIRIDINES
(PA) ANTINEOPLASTIC AGENTS
(PA) MUTAGENS
(NO) structure

2,5-bis(1-aziridinyl)-3,6-bis(2-methoxyethoxy)-2,5-cyclohexadiene-1,4-dione see 2,5-bis(1-aziridinyl)-3,6-bis(2-methoxyethoxy)-4-benzoquinone

2,5-bis(aziridinyl)-3,6-bis(2-methoxyethoxy)quinone see 2,5-bis(1-aziridinyl)-3,6-bis(2-methoxyethoxy)-4-benzoquinone

P,P-bis(1-aziridinyl)-N-methylphosphinothioic amide see A 13-61585

bis(1-aziridinyl)-2-methyl-3-thiazolidinyl)phosphine oxide see imiphos

6,7-bis(1-aziridinyl)-5,8- quinazolinedione
(RN) 87039-52-9
(SY) 6,7-BAQD
(HM) *QUINAZOLINES
(PA) ANTINEOPLASTIC AGENTS
(NO) RN & structure given in first source; RN not in Chemline 12/21/83

bisbentiamine
(RN) 2667-89-2
(HM) *PYRIMIDINES
(NO) structure in USAN

1,4-bis(1,4-benzodioxan-2-ylmethyl)piperazine see dibozane

N,N'-bis(S-benzoylmercaptoacetamido) ethylenediamine
(SY) BBMAEDA
(HM) *ETHYLENEDIAMINES
(NO) complexed with Tc-99m for renal imaging; structure given in first source

N,N'-bis(S-benzoylmercaptoacetyl)-2,3-diaminopropionic acid ethyl ester
(SY) carboxy DADS
(HM) 3-AMINOPROPIONIC ACID/*analogs
(NO) complexed with Tc-99m for renal imaging; structure given in first source

1,3-bis(benzylidenearnino)guanidine see chimcoccide

bis(N-benzyloxycarbonyl-L-argininamide)rhodamine see N-benzyloxycarbonyl-L-argininamidorhodamine

bis(benzyloxycarbonylisoleucyl-propyl-argininamide)rhodamine
(SY) (Cbz-Ile-Pro-ArgNH)2-rhodamine
(SY) (Cbz-IPA)2-rhodamine
(HM) *RHODAMINES
(II) FLUORESCENT DYES

bis(benzylpenicilloyl)-1,6-diaminohexane
(RN) 21291-04-3
(HM) PENICILLIN G/*analogs
(II) HAPTENS
(NO) bivalent penicilloyl hapten

4,4'-bis(beta-diethylaminoethoxy)alpha,beta-diethyldiphenylethane see hexestrol bis(diethylaminoethyl ether)

4-(3-(bis(beta-hydroxyphenethyl)amino)butyl)benzamide see Ro 16-8714

1,4-bis(bis-(1-aziridinyl)thiophosphinyl)piperazine see thiodipin

N-4-(2,3-bis(bis(carboxymethyl)amino)propyl)phenyl bromoacetamide see 1-(4-bromoacetamidobenzyl)EDTA

4-(2,3-bis(bis(carboxymethylamino)) propyl)phenyl isothiocyanate
(SY) benzylisothiocyanato-EDTA
(SY) BITC-EDTA
(HM) EDTA/*analogs
(II) CHELATING AGENTS
(NO) structure given in first source

bis(bromoacetyl)hexestrol
(RN) 81916-73-6
(HM) HEXESTROL/*analogs
(PA) ANTINEOPLASTIC AGENTS
(NO) structure in first source

N,N'-bis(5-bromo-2-hydroxybenzyl) ethylenediamine diacetic acid
(SY) 5-Br-HBED
(HM) EDTA/*analogs
(II) CHELATING AGENTS
(NO) complexed with (67)Ga for radiopharmaceutical; structure given in first source

N,N-bis(2,3-butadienyl)-1,4-butanediamine see MDL 72527

N,N-bis(2-(2-butanoyl)-4-nitrophenoxyethyl)-N-(2-chloroethyl) amine
(SY) N,N-BNPCA
(HM) *BUTYROPHENONES
(HM) *NITROGEN MUSTARD COMPOUNDS
(NO) structure given in first source

2',7'-bis(carboxyethyl)-5(6)-carboxyfluorescein
(SY) BCECF
(HM) *FLUORESCEINS
(II) FLUORESCENT DYES

7,9-bis(2-carboxyethyl)guanine
(SY) 7,9-bis(CE-Gua)
(HM) GUANINE/*analogs
(NO) structure given in first source

4-((bis(carboxymethyl)aminomethyl) carbamino)hippuric acid
(SY) PAHIDA
(HM) *P-AMINOHIPPURIC ACID/analogs
(NO) structure given in first source

1,1-bis(4'-(1"-carboxy-1"-methylpropoxy)phenyl) cyclohexane see clinofibrate

7,9-bis(CE-Gua) see 7,9-bis(2-carboxyethyl)guanine

2-(bis(2-chloroethyl)amino)-1,4-benzoquinone
(RN) 2158-71-6
(SY) p-benzoquinone mustard
(HM) *NITROGEN MUSTARD COMPOUNDS
(NO) induces DNA damage; structure given in first source

5-bis(2-chloroethyl)aminomethyluracil see thyminalkylamine

4-N,N-bis(2-chloroethyl)aminophenol see hydroxyaniline mustard

p-(N,N-bis(2-chloroethyl)amino)phenylacetic acid see phenacid

4-(N,N-bis(2-chloroethyl)amino)phenylacetic acid see phenacid

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3-(((4-(bis(2-chloroethyl)amino)phenyl) acetyl)oxy)-17a-aza-D-homoandrost-5-en- 17-one
(RN) 53039-94-4
(SY) 3 beta-hydroxy-13 alpha-amino-13,17-seco-5-androsten-17-oic-13,17-lactam p-N,N-bis(2-chloroethyl)aminophenylacetate
(SY) BCCHO
(SY) homo-aza-androstene ester of p-bis(2-chloroethyl)aminophenylacetic acid
(HM) *NITROGEN MUSTARD COMPOUNDS
(PA) ANTINEOPLASTIC AGENTS
(NO) struture given in first source

N-((4-(bis(2-chloroethyl)amino)phenyl)acetyl)-dl-phenylalanine see lofenal

4-(bis(2-chloroethyl)aminophenylalanine isopropyl ester see isopropyl melphalan

3-(bis-(2-chloroethyl)carbohydrazide)-2, 2,5,5-tetramethylpyroline-1-oxyl
(RN) 67128-86-3
(SY) BCCTO
(SY) hydrazine mustard spin label
(HM) *CYCLIC N-OXIDES
(II) SPIN LABELS
(NO) structure given in first source

1,4-bis(2'-chloroethyl)-1,4-diazebicyclo (2.2.1)heptane
(RN) 15567-82-5
(RR) 1020-94-6 (diperchlorate)
(HM) *BICYCLO COMPOUNDS
(PA) ANTINEOPLASTIC AGENTS
(NO) RN given refers to dichloride; RN for parent cpd not in Chemline 1/5/84; structure

bis(2-chloroethyl)ether
(RN) 111-44-4
(SY) Chlorex
(SY) 2,2'-dichlorodiethyl ether
(HM) *ETHER, ETHYL/analogs
(PA) CARCINOGENS
(NO) structure

N,N'-bis(2-chloroethyl)nitrosocarbamoyl) cystamine
(RN) 77469-44-4
(SY) BCNCC
(SY) CNCC
(HM) *NITROSOUREA COMPOUNDS
(PA) ANTINEOPLASTIC AGENTS
(NO) structure given in first source

5-(3,3-bis(2-chloroethyl)-1-triazeno)imidazole-4-carboxamide see imidazole mustard

2,3-bis(chloromethyl)-1,4-naphthoquinone
(RN) 31581-11-0
(SY) CMNQ
(HM) *NAPHTHOQUINONES
(PA) ALKYLATING AGENTS
(NO) structure

bis(p-chlorophenyl)acetic acid see DDA

bis(4-chlorophenyl)cyclopropylmethanol see proclonol

1-(bis(chlorophenyl)methyl)-3-(2,4-dichloro-beta-(2,4-dichlorobenzyloxy)phenethyl)imidazolinium chloride see R 24571

2-(4,5-bis(p-chlorophenyl)oxazolyl-(2)-thio)propionic acid see EMD 26 644

1,3-bis(3-chlorophenyl)-2-trichloromethylimidazolidine see trichlophenidine

3,6-bis(5-chloro-2-piperidyl)- 2,5-piperazinedione see piperazinedione

1,4-bis(1-(7-chloro-4-quinoline)-4- ethylpiperazinyl) piperazine see tripiperaquine

1,3-bis(4-(7'-chloro-4'-quinoline)-1-piperazine) see piperaquine

1,3-bis(1-(7-chloro-4'-quinolyl)-4'-piperazinyl) propane see piperaquine

bis(choline)-N-(4-nitrobenzo-2-oxa-1,3-diazol-7-yl)imino dipropionate
(SY) BCNBDI
(HM) CHOLINE/*analogs
(II) AFFINITY LABELS
(NO) structure given in first source

1,3-bis(2-cyano-5-(trifluoromethyl) phenyl)triazene
(RN) 58458-08-5
(SY) 1,3-BCTPT
(HM) *TRIAZENES
(PA) APPETITE DEPRESSANTS
(NO) structure & RN from first source

bis(cyclo(histidylhistidine)copper II complex
(SY) BCHHCU
(HM) *PEPTIDES, CYCLIC
(HM) *COPPER
(NO) mimicks active center of Cu-Zn superoxide dismutase

bisdeethylchloroquine see N,N-dideethylchloroquine

bisdequalinium
(RN) 16776-40-2
(RR) 52951-36-7 (dichloride)
(RR) 14075-40-2 (dibromide)
(RR) 3785-44-2 (diacetate)
(SY) Salvizol
(SY) N(1),N(1)-decamethylene-N(4),N(4)-decamethylene-bis-4-aminoquinaldinium-diacetate
(SY) bisdequalinium chloride
(HM) *DEQUALINIUM/analogs
(NO) Salvizol is N(1),N(1)-decamethylene-N(4),N(4)-decamethylene-bis-4-aminoquinaldinium-diacetate 0.5% in propylene glycol, pH 6.6; RN given refers to parent cpd; structure

bisdequalinium chloride see bisdequalinium

bis(N,N-diallyl-Ala(2)-Leu(5)-enkephalyl)cystine see ((enkephalin, N,N-diallyl-Ala(2)-Leu(5))bis-)cystine (6)

bis(N,N-diallyl-2-alanyl-5-leucine-enkephalyl)cystine see ((enkephalin, N,N-diallyl-Ala(2)-Leu(5))bis-)cystine (6)

bis(diazoacetyl)butane
(RN) 1448-16-4
(SY) bis(diazoacetyl)butane
(SY) 1,4-bisdiazoacetylbutane
(HM) *DIAZONIUM COMPOUNDS
(PA) ANTINEOPLASTIC AGENTS
(PA) MUTAGENS
(NO) russian drug

bis(diazoacetyl)butane see bis(diazoacetyl)butane

1,4-bisdiazoacetylbutane see bis(diazoacetyl)butane

bis(diazo)benzidine
(RN) 5957-03-9
(SY) BDB
(SY) bis-diazotized benzidine
(HM) *BENZIDINES
(NO) structure

bis-diazotized benzidine see bis(diazo)benzidine

5,6-bis(dibenzyloxy)-1-oxo-2-propyl-2-indanpropionic acid
(RN) 68935-40-0
(SY) DBIPA
(HM) *INDANS
(NO) structure in first source

bis(2,3-dibromopropyl)phosphate
(RN) 5412-25-9
(RR) 34432-82-1 (NH4 salt)
(RR) 36711-31-6 (Mg salt)
(HM) *PHOSPHORIC ACID ESTERS
(PA) MUTAGENS
(NO) mutagenic,nephrotoxic metabolite of tris(2,3-dibromopropyl)phosphate, a flame retardant; RN given refers to parent cpd

bis(3,5-dibromosalicyl)adipate
(RN) 75848-76-9
(HM) ASPIRIN/*analogs
(II) CROSS-LINKING REAGENTS

bis(3,5-dibromosalicyl)fumarate
(RN) 71337-53-6
(SY) 3,5-dibromosalicyl-bis-fumarate
(HM) ASPIRIN/*analogs
(II) CROSS-LINKING REAGENTS
(NO) structure

bis(3,5-dibromosalicyl)glutarate
(RN) 75848-75-8
(HM) ASPIRIN/*analogs
(II) CROSS-LINKING REAGENTS

bis(3,5-dibromosalicyl)succinate
(RN) 71337-52-5
(HM) ASPIRIN/*analogs
(NO) structure

P(1),P(2)-bis(O(2'),O(3')-dibutyryl-6-mercaptopurine-9 beta-ribofuranoside)-5'-pyrophosphate
(RN) 83385-96-0
(SY) bis(dibutyryl-MPRP)
(SY) P1,P2-bis(DMRP)
(HM) *THIONUCLEOTIDES
(PA) ANTINEOPLASTIC AGENTS
(NO) partially circumvents resistance to 6-mercaptopurine; structure given in first source

bis(dibutyryl-MPRP) see P(1),P(2)-bis(O(2'),O(3')-dibutyryl-6-mercaptopurine- 9 beta-ribofuranoside)-5'-pyrophosphate

2,4-bis(N,N'-di(carboxymethyl) aminomethyl)fluorescein
(RN) 3147-15-7
(SY) DCAF
(HM) *FLUORESCEINS
(II) FLUORESCENT DYES
(NO) bone marking fluorescent dye

N,N'-bis(dichloroacetyl)-1,8-octamethylenediamine see Win-18446

bis(3,5-dichloro-2-hydroxyphenyl)sulfoxide see Bithionol sulfoxide

1,4-bis(2-(3,5-dichloropyridyloxy)) benzene
(RN) 76150-91-9
(SY) 1,4-BDPOB
(HM) *PYRIDINES
(NO) potent phenobarbital-like inducer of microsomal monooxygenase activity; structure given in first source

1,8-bis(2-diethylaminoethylamino) anthracene-9,10-dione
(RN) 75312-57-1
(SY) 1,8-BDEAD
(HM) *ANTHRAQUINONES
(NO) structure given in first source

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2,6-bis(diethylamino)-6-hydrazino- 1,3,5-triazine tartrate see meladrazine

bis(3-(diethylamino)propyl) fluoranthene-3,9-dicarboxylate.di-HCl see RMI 9563

(2,2'-(4,8-bis(diethylamino)pyrimido(5,4-d)pyrimidine-2,6-diyl)di(2-methoxyethyl)imino)diethanol see RA 642

bis(1,3-diethylthiobarbiturate) trimethineoxonol

(RN) 47623-98-3
(SY) bis-oxonol
(HM) *THIOBARBITURATES
(II) FLUORESCENT DYES
(NO) fluorescent probe for membrane potentials

N(1),N(6)-bis(2,3-dihydroxybenzoyl)-1,6-diaminohexane

(SY) BDBDH
(HM) *DIAMINES
(HM) *HYDROXYBENZOIC ACIDS
(II) CHELATING AGENTS

N,N'-bis(2,3-dihydroxybenzoyl)lysine see azotochelin

N,N'-bis(2,3-dihydroxybenzoyl)-L-lysine see azotochelin

N,N'-bis(2,3-dihydroxypropyl)-5-(N-(2,3-dihydroxypropyl)acetamido)-2,4,6-triiodoisophthalamide see iohexol

N,N'-bis(2,3-dihydroxypropyl)-2,4,6-triiodo-5-(2-methoxyacetamido)-N-methylisophthalamide see iopromide

bis(3,5-diisopropylsalicylato)copper II see copper bis(3,5-diisopropylsalicylate)

2,5-bis(3,4-dimethoxybenzyl) cyclopentylamine

(HM) *CYCLOPENTANES
(NO) peripheral dopamine blocking agent

N,N-bis(3,4-dimethoxyphenethyl)-N-methylamine see YS 035

bis(4-(3,4-dimethoxystyryl)hexahydro-4-indolinol)

(RN) 66690-81-1
(SY) 34-250
(HM) *INDOLES
(PA) HYPOCHOLESTEREMIC AGENTS
(NO) structure given in first source

2',3'-O-bis(4,4'-dimethoxytrityl)uridine 5'-(4-chlorophenyl)phosphate

(SY) DTUCPP
(HM) *URACIL NUCLEOTIDES

2-(3,6-bis(dimethylamino)-10-acridinyl) ethyl-(2,3-di-O-palmitoylglycero) phosphate

(SY) DPPAO
(HM) *AMINOACRIDINES
(HM) *PHOSPHATIDYLCHOLINES
(II) FLUORESCENT DYES
(NO) stains mitochondria of living HeLa-cells

4,4'-bis(dimethylamino)benzhydrol

(RN) 119-58-4
(SY) Michler's hydrol
(SY) 4,4'-bisdimethylaminodiphenylcarbinol
(HM) *BENZHYDRYL COMPOUNDS
(II) SULFHYDRYL REAGENTS
(NO) structure

4,4'-bis(dimethylamino)benzophenone see Michler's ketone

2,5-bis(dimethylamino)-1,4-benzoquinone

(RN) 1521-02-4
(SY) 2,5-BDBQ
(HM) *QUINONES
(PA) ANTINEOPLASTIC AGENTS
(NO) structure given in first source

4,4'-bisdimethylaminodiphenylcarbinol see 4,4'-bis(dimethylamino)benzhydrol

2,4-bis(1,1-dimethylethyl)-6-((4-methoxyphenyl)methyl)-1-methoxybenzene see J 2931

2,6-bis(1,1-dimethylethyl)-4-(4-methoxyphenylmethyl) phenol see J 2644

N,N'-bis(dimethylmercury)-4-toluol sulfamide

(SY) DMMTS
(HM) *ALKYLMERCURY COMPOUNDS

bis(2,4-dinitrophenyl) oxalate

(RN) 16536-30-4
(SY) DNPO
(HM) *OXALATES
(II) INDICATORS AND REAGENTS

bis(1,1-dioxo-perhydro-1,2,4-thiadiazinyl-4)methane see taurolin

bis- (1,1-dioxoperhydro-1,2,4-thiadiazinyl-4)methane see taurolin

1,2-bis(3,5-dioxopiperazin-1-yl)ethane see ICRF 154

bisecurin see bisecurin I

bisecurin I

(RN) 8056-92-6
(SY) bisecurin
(SY) Angravid
(SY) Ovaras
(SY) ovulen
(HM) *MESTRANOL
(HM) *ETHYNODIOL DIACETATE
(HM) CONTRACEPTIVES, ORAL, COMBINED
(II) CONTRACEPTIVES, ORAL, SYNTHETIC
(NO) bisecurin tablets contain 1 mg ethynodiol acetate & 0.1 mg mestranol; see also bisecurin II

bisecurin II see SC-11800 EE

BIS-EMA see 2,2-bis-(4-(2-methacryloxyethoxy)phenyl)propane

12,13-bisepieupalmerin

(HM) *DITERPENES
(NO) isolated from gorgonian Eunicea succina; structure given in first source

1,4-bis(2,3-epoxypropoxy)butane

(RN) 2425-79-8
(SY) 1,4-butanediol diglycidyl ether
(HM) *BUTANEDIOLS

2,2-bis(4-(2,3-epoxypropoxy)phenyl)propane see 2,2-bis(4-glycidyloxyphenyl)propane

bisoptol see Bactrim

Bisoptol-480 see Bactrim

N,N,N',N'-bis(1,2-ethanediyl)-N''-(1-oxyl-2,2,6,6-tetramethyl-4-piperidinylaminocarbonyl)phosphoric triamide

(SY) BETPPT
(HM) *TEPA/analogs
(PA) ANTINEOPLASTIC AGENTS
(NO) has high activity & low toxicity; structure given in first source

8-(bis(ethoxycarbonylmethyl)amino)-6-methoxy-2-(bis(ethoxycarbonylmethyl) amino)styrylquinoline

(RN) 86277-62-5
(SY) Quene 1
(HM) *AMINOQUINOLINES
(II) FLUORESCENT DYES
(NO) fluorescent intracellular pH indicator; structure given in first source

1,1-bis(p-ethoxyphenyl)-2-nitropropane see GH 74

2,3-bis(N-ethylcarbamoyloxymethyl)-1-methyl- 3- pyrroline see synthanecine A-bis(N-ethylcarbamate)

1,2-bis(ethylene-N-dimethylcarbodecyloxymethylammonium).di-Cl see ethonium

bis(2-ethylhexyl)phthalate esterase

(RN) EC 3.1.1.-
(SY) DEHP esterase
(HM) *CARBOXYLIC ESTER HYDROLASES
(NO) catalyzes cleavage of the mass produced plasticizer, DEHP

bis(2-ethylhexyl)succinate 2-sulfonic acid see dioctyl sulfosuccinic acid

bis(ethyl-3-(3-methyl-1-(4-(2,3,4-trimethoxyphenylmethyl)piperazin-1-ylcarbonyl) butylcarbamoyl)oxiran-2-carboxylate) see NCO 700

4,4'-bis(ethylsulfonyl)-2,2',5,5'-tetrachlorobiphenyl

(SY) BESTBP
(HM) *POLYCHLOROBIPHENYL COMPOUNDS

bisethylxanthogen see dixanthogen

1-(2-(bis(4-fluorophenyl)methoxy)ethyl)-4-(3-(4-fluorophenyl)propyl)piperazine dimethanesulfonate see GBR 13098

1-(2-(bis(4-fluorophenyl)methoxy)ethyl)-4-(3-phenyl-2-propenyl)piperazine dimethanesulfonate see GBR 13069

1-(2-(bis(4-fluorophenyl)methoxy)ethyl)-4-(3-phenylpropyl)piperazine di-HCl see GBR 12909

3-(2-(4-(bis(4-fluorophenyl)methylene)-1-piperidinyl) ethyl)-1-methyl-4H-pyrido(1,2-a)-pyridimine-4-one dihydrochloride see R 56413

4,5-bis(4-fluorophenyl)-2-((1,1,2,2-tetrafluoroethyl) sulfonyl)-1H-imidazole see tiflamizole

N,N'-bis(1-formamido-2,2,2-trichloroethyl)piperazine see triforine

N(1),N(8)-bis(gamma-Glu-hemi-Cys-Gly)spermidine see trypanothione

N(1),N(8)-bis(gamma-glutamyl-hemicystinyl-glycyl) spermidine see trypanothione

3,5-bis(D-gluconamido)-2,4,6-triiodo-N-methylbenzamide see ioglucomide

bis(glycerol phosphate)-3-glucosyl(1-4)-N-acetylglucosamine

(SY) BGPGAG
(HM) *SUGAR PHOSPHATES
(NO) linkage unit between poly(galactoxylglycerol phosphate) and peptidoglycan in cell walls of Bacillus coagulans

2,2-bis(p-glycidyloxyphenyl)propane see 2,2-bis(4-glycidyloxyphenyl)propane

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2,2-bis(4-glycidyloxyphenyl)propane
(RN) 1675-54-3
(SY) 2,2-bis(4-(2,3-epoxypropoxy)phenyl)propane
(SY) bisphenol A diglycidyl ether
(SY) 2,2-bis(p-glycidyloxyphenyl)propane
(HM) *EPOXY COMPOUNDS
(PA) CARCINOGENS
(NO) structure

bis(glycinato)copper(II) see cupric glycinate

bis-GMA see bis(phenol A-glycidyl methacrylate)

bis-GMA resin see bis(phenol A-glycidyl methacrylate)

3',6'-bis(4-guanidinobenzoyloxy)-5-(N'-4-carboxyphenyl)thioureidospiro(isobenzofuran-1(3H),9'-(9H)xanthen)-3-one see fluorescein diester

1,10-bis(guanidino)-n-decane see synthalin A

bis(2-guanidinoethyl)disulfide
(RN) 1072-13-5
(RR) 15086-17-6 (di-HBr)
(HM) *GUANIDINES
(NO) bifunctional cation; RN given refers to parent cpd; structure

bis(5'-guanosyl) tetraphosphatase
(RN) EC 3.6.1.17
(SY) diguanosinetetraphosphatase
(SY) dinucleosidetetraphosphatase
(SY) diadenosine tetraphosphate hydrolase
(SY) AP4A hydrolase
(SY) bis(5'-nucleosyl)tetraphosphatase (asymmetrical)
(HM) *PHOSPHATASES

bisG10 see synthalin A

bisG-10 see synthalin A

bis(helenalinyl)malonate
(RN) 68322-91-8
(SY) BHMN
(HM) *TERPENES
(PA) ANTINEOPLASTIC AGENTS
(NO) 2 helenalin moieties joined via malonate ester

bis((heme b)copper)protein
(SY) Cu(2)(heme b)(2)
(SY) Cu2(heme b)2
(HM) *HEMEPROTEINS
(II) METALLOPROTEINS
(II) COPPER
(NO) MW 400,000; from bovine erythrocytes

bis-HEPT see N,N-bis(2-hydroxyethyl)-4-toluidine

bis(hexafluoroacetonyl)acetone
(RN) 30902-53-5
(HM) *FLUOROCARBONS
(II) UNCOUPLING AGENTS

1,4-bis(3-(n-hexylcarbamylguanidino)propyl piperazine dimethanesulfonic acid see guanidino propyl piperazine

bis-homo-columbinic acid
(RN) 81861-75-8
(HM) *FATTY ACIDS, UNSATURATED
(NO) no other information available 5/14/82

2,3-bis(3-hydroxybenzyl)butane-1,4-diol see 2,3-bis(3'-hydroxybenzyl)butane-1,4-diol

2,3-bis(3'-hydroxybenzyl)butane-1,4-diol
(RN) 76543-16-3
(SY) 2,3-BHBBD
(SY) enterodiol
(SY) 2,3-bis(3-hydroxybenzyl)butane-1,4-diol
(HM) *BUTANEDIOLS
(NO) lignan isolated from urine of humans & other mammals

2,3-bis(3'-hydroxybenzyl)butyrolactone
(RN) 76543-15-2
(RR) 76721-88-5 ((trans)-(+-)-isomer)
(RR) 78473-71-9 ((trans)-isomer)
(SY) 2,3-BHBB
(SY) enterolactone
(SY) trans-2,3-bis(3-hydroxybenzyl)-gamma-butyrolactone
(SY) 3,4-bis((3-hydroxyphenyl)methyl)dihydro-2-(3H)-furanone
(SY) BHMDF
(SY) HPMF
(HM) *4-BUTYROLACTONE/analogs
(NO) lignan isolated from urine of humans & other mammals; RN given refers to cpd without isomeric designation; structure given in second source

N,N'-bis(2-hydroxybenzyl)ethylenediamine diacetic acid see N,N'-bis(2-hydroxybenzyl)ethylenediamine-N,N'- diacetic acid

N,N'-bis(2-hydroxybenzyl) - ethylenediamine- N,N'-diacetic acid
(RN) 35998-29-9
(SY) HBED
(SY) N,N'-bis(2-hydroxybenzyl)ethylenediamine diacetic acid
(HM) EDTA/*analogs
(II) CHELATING AGENTS

trans-2,3-bis(3-hydroxybenzyl)-gamma-butyrolactone see 2,3-bis(3'-hydroxybenzyl)butyrolactone

2,6-bis(2'-hydroxy-5'-chlorobenzyl)chlorophenol see trichlorophene

bis(2-hydroxy-3,5-dichlorophenyl)sulfoxide see Bithionol sulfoxide

3-(bis(2-hydroxyethyl)amino)acetophenone (4,5-diphenyloxazol-2-yl)hydrazone see IMET 98-69

2-(bis(2-hydroxyethyl)amino)-1,4-benzoquinone
(RN) 2158-76-1
(SY) p-benzoquinone hydrolyzed mustard
(HM) *QUINONES
(NO) induces DNA damage; structure given in first source

1,4-bis((2-((2-hydroxyethyl)amino)ethyl)amino)-9,10-anthracenedione diacetate see NSC 287513

7-(2-bis(2-hydroxyethyl)aminoethyl)theophylline see G 111

3-(bis(2-hydroxyethyl)amino)-6-hydrazinopyridazine see oxdralazine

2-(bis(2-hydroxyethyl)amino)-2(hydroxymethyl)-1,3-propanediol see Bistris

bis(hydroxyethylaminopropyl)-N-hydroxyethyloctadecylamine dihydrofluoride see amine fluoride

N,N-bis(2-hydroxyethyl)glycine
(RN) 150-25-4
(RR) 17123-43-2 (Na salt)
(RR) 139-41-3 (mono-Na salt)
(SY) BICINE
(HM) GLYCINE/*analogs
(NO) RN given refers to parent cpd

bis(2- hydroxyethylthio)-1,10-decane see tiadenol

bis(hydroxy-2-ethylthio)-1,10-decane see tiadenol

N,N-bis(2-hydroxyethyl)-4-toluidine
(RN) 3077-12-1
(SY) bis-HEPT
(HM) *TOLUIDINES
(II) INDICATORS AND REAGENTS
(NO) lysosome stabilizing agent

bis(4-(2-hydroxy-3-isopropylaminopropoxy)-2- methylindol) sulfate see mepindolol

1,2-bis(hydroxymethyl)-3-cyclopentene
(SY) 1,2-BHMCP
(HM) *CYCLOPENTANES
(NO) substrate for horse liver dehydrogenase; structure given in first source

2,2-bis-(hydroxymethyl)propane-1,3-diol trinitrate see pentaerythritol trinitrate

5-(1,3-bis(hydroxymethyl)ureido)-1,3-bis (hydroxymethyl)imidazol-2,5(3H,5H)dione see diazolidinylurea

1,2-bis(4-hydroxyphenyl)butane see butestrol

meso-3,4-bis(3'-hydroxyphenyl)hexane see NSC 297170

3,4-bis(3'-hydroxyphenyl)hexane see NSC 297170

3,4-bis((3-hydroxyphenyl)methyl)dihydro-2-(3H)- furanone see 2,3-bis(3'-hydroxybenzyl)butyrolactone

N-bis(2-hydroxypropyl)nitrosamine see diisopropanolnitrosamine

4',6-bis(2'imidazolinyl-4',5'-H)-2-phenylindole
(SY) DIPI
(SY) diimidazolinophenylindol
(HM) *INDOLES
(PA) TRYPANOCIDAL AGENTS
(II) FLUORESCENT DYES
(NO) used to produce distinct fluorescent bands in human chromosomes; structure

bis(2-(isobutyryloxy)ethyl-1-N-((4-amino-2-methylpyrimidin-5-yl)methyl)formamido-2-propene-1-yl) disulfide see Sulbuthiamine

bis(N-maleimidomethyl)ether
(RN) 15209-14-0
(SY) N,N'-(oxydimethylene)dimaleimide
(HM) *MALEIMIDES
(PA) ANTISICKLING AGENTS
(NO) antisickling agent; structure given in third source

Bismark Brown
(RN) 80324-43-2
(RR) 10114-58-6 (di-HCl)
(SY) C.I. 21000
(HM) *AZO COMPOUNDS
(II) STAINS AND STAINING
(II) DYES
(NO) RN given refers to parent cpd

P(1),P(2)-bis(6-mercaptopurine-9 beta-ribofuranoside)-5'-pyrophosphate
(RN) 83385-99-3
(SY) bis(MPRP)
(HM) *THIONUCLEOTIDES
(PA) ANTINEOPLASTIC AGENTS
(NO) partially circumvents resistance to 6-mercaptopurine; structure given in first source

bis(3-mesyloxypropyl)amine see improsan

2,2-bis-(4-(2-methacryloxyethoxy)phenyl) propane
(RN) 24448-20-2
(SY) BIS-EMA
(SY) Diacryl
(HM) *METHACRYLATES
(NO) structure given in first source

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2,2-bis-(4-(3-methacryloxypropoxy)-phenyl) propane
(RN) 27689-12-9
(SY) BIS-PMA
(HM) *METHACRYLATES
(NO) structure given in first source

bis(1,2-(methacryloyloxy)dodecanoyl) phosphatidylcholine
(RN) 80294-17-3
(SY) BMDPC
(HM) *PHOSPHATIDYLCHOLINES

bismethidium spermine
(RN) 85747-62-2
(HM) ETHIDIUM/*analogs
(II) INTERCALATING AGENTS
(NO) consists of two ethidium moieties linked from the para position of the phenyl rings by a spermine linker

N,N'-bis(o-methoxybenzylaminohexyl)cystamine see benextramine

bis(N-4-methoxybenzyl-N',N"-dimethylguanidine) sulphate see meobentine

2'-(2,3-bis(methoxycarbonyl)guanidino)-5'-phenylthio-2-methoxyacetanilide see febantel

2,5-bis(methoxyethoxy)-3,6-bis(ethyleneimino)-p-benzoquinone see 2,5-bis(1-aziridinyl)-3,6-bis(2-methoxyethoxy)-4-benzoquinone

3,3'-bis(2-methoxy-5-hydroxy-7-(2-hydroxypropyl)-8-carboxyl-1,4-naphthoquinone lactone) see xanthomegnin

N,N'-bis(3-(p-methoxyphenoxy)-2-hydroxypropyl)-N,N-dimethylethylenediamine see ROM 196

N,N'-bis(3-(4-methoxyphenoxy)-2-hydroxypropyl)-N,N-dimethylethylenediamine see ROM 196

N,N'-bis(3-(4-methoxyphenoxy)-2-hydroxypropyl) ethylenediamine see MK-142

4,4-bis-(2"-methoxy-4""-phenylamino-1"",3",5"-triazine-6"-ylamino)stilbene-2,2"-disulfonic acid see belofor Kb

2,3-bis(4-methoxyphenyl)indole see indoxole

4,5-bis(4-methoxyphenyl)-2-(trifluoromethyl)thiazole
(RN) 70529-35-0
(SY) 4,5-BMTT
(SY) U-53,059
(SY) U 53059
(HM) *THIAZOLES
(PA) FIBRINOLYTIC AGENTS
(II) PLATELET AGGREGATION/drug eff

2,4-bis(O-methoxypolyethylene glycol)-6-chloro-s-triazine
(RN) 72708-10-2
(SY) activated-PEG(2)
(HM) *POLYETHYLENE GLYCOLS
(II) INDICATORS AND REAGENTS

bis(methylamide)-1-ethylpyrazole-3,4-dicarboxylic acid see etipirol

3,3'-bis(methylamino)-N-methyl-dipropylamine see 3,3'-methyliminobis(N-methylpropylamine)

3,3'-bis(methylamino)-N-methyldipropylamine see 3,3'-methyliminobis(N-methylpropylamine)

1-(2-(2-(bis(1-methylethyl)amino)ethoxy)phenyl)-1-butanone see ketocaine

N-(2-(bis(1-methylethyl)amino)ethyl)-2-oxo-1-pyrrolidineacetamide see pramiracetam

4,4'-bis(4-methylimidazolin-2-yl)terephthalanilide 2HCl see BW 458C

N,N'-bis(methylisatin-beta-thiosemicarbazone)-2-methylpiperazine see TSKI-VI

bis(methylmercuric)selenide
(RN) 4305-37-7
(HM) *METHYLMERCURY COMPOUNDS
(NO) formed by interaction of methylmercury & selenite

5,6-bis(4-methylphenyl)-3-(4-hydroxypiperidino)-1,2,4-triazine see LY 81067

4,4'-bis(methylsulfonyl)-2,2',5,5'-tetrachlorobiphenyl
(RN) 66640-68-4
(SY) BMSTBP
(HM) *POLYCHLOROBIPHENYL COMPOUNDS
(NO) metabolite of polychlorinated biphenyl cpds

bis-(4-methylumbelliferyl)phosphate
(RN) 51379-07-8
(SY) MUpMU
(HM) *UMBELLIFERONES
(NO) substrate for phosphodiesterase (pig platelet surface membrane associated)

bis(4-methylumbelliferyl)pyrophosphate
(RN) 80284-77-1
(SY) BMPP
(HM) *UMBELLIFERONES
(NO) phosphodiesterase substrate

bis(monoacylglycero)phosphate see bis(monoacylglyceryl)phosphate

bis(monoacylglyceryl)phosphate
(SY) lysobisphosphatidic acid
(SY) bis(monoacylglycero)phosphate
(HM) *PHOSPHATIDIC ACIDS

bismoverol
(RN) 6591-56-6
(SY) bismuth tartrate
(HM) *BISMUTH
(HM) *TARTRATES

bis(MPRP) see P(1),P(2)-bis(6-mercaptopurine-9 beta-ribofuranoside)- 5'-pyrophosphate

bis(mu-propanoato)diaquatetrabromodirhenium see bis(mu-propionato)diaquatetrabromodirhenium (III)

bis(mu-propionato) diaquatetrabromodirhenium (III)
(RN) 88031-66-7
(SY) BPDB-dirhenium
(SY) bis(mu-propanoato)diaquatetrabromodirhenium
(HM) *ORGANOMETALLIC COMPOUNDS
(HM) *RHENIUM
(PA) ANTINEOPLASTIC AGENTS
(NO) structure given in first source

bismuth carbonate
(RN) 18400-34-5
(HM) *BISMUTH

bismuth citrate see de-nol

bismuth germanate see bismuth germanium oxide

bismuth germanium oxide
(RN) 12233-56-6
(RR) 12233-73-7 (Bi12-Ge-O20)
(SY) bismuth germanate
(HM) *BISMUTH
(HM) *GERMANIUM
(NO) used in positron emission tomography; RN given refers to cpd with MF Bi4-Ge3-O12

bismuth iodoform paraffin paste
(SY) BIPP
(HM) *BISMUTH
(HM) *HYDROCARBONS, IODINATED
(HM) DRUG COMBINATIONS
(NO) used in aural surgery with facial paralysis resulting from hypersensitivity

bismuth-6-mercaptopurine
(RN) 66626-12-8
(SY) 6-mercaptopurine bismuth
(HM) 6-MERCAPTOPURINE/*analogs
(HM) *BISMUTH
(NO) mercaptopurine-bismuth complex

bismuth oxide
(RN) 1304-76-3
(RR) 12640-40-3 (cpd with unknown MF)
(RR) 12048-50-9 (Bi-O2)
(SY) bismuth yellow
(HM) *BISMUTH
(II) INDICATORS AND REAGENTS
(NO) RN given refers to cpd with MF Bi2-O3

bismuth oxychloride
(RN) 7787-59-9
(HM) *BISMUTH
(PA) ANTIVIRAL AGENTS
(NO) active against rotaviruses and enteric viruses

bismuth subcitrate see de-nol

bismuth subgallate
(RN) 99-26-3
(RR) 22650-86-8 (hydrate)
(RR) 18228-26-7 (former CAS registry number)
(SY) dermatol
(HM) *BISMUTH
(HM) GALLIC ACID/*analogs
(PA) ANTI-INFECTIVE AGENTS
(NO) RN given refers to parent cpd

bismuth subnitrate
(RN) 1304-85-4
(SY) vicalin
(SY) vikalin
(SY) vikaline
(HM) *BISMUTH
(PA) ANTACIDS
(NO) antacid containing bismuth, sodium & magnesium carbonates, rutin, Khellin & Rhamnus bark powder

bismuth subsalicylate
(RN) 14882-18-9
(SY) Pepto-bismol
(SY) subsalicylate bismuth
(HM) *BISMUTH
(HM) *SALICYLATES

bismuth tartrate see bismoverol

bismuth tribromophenate
(RN) 118-79-6
(RR) 5175-83-7 (Bi(3+) salt)
(SY) xeroform
(HM) *PHENOLS
(PA) ANTI-INFECTIVE AGENTS, LOCAL
(NO) RN given refers to parent cpd

bismuth yellow see bismuth oxide

bis-NAD see N(2),N(2)'-adipodihydrazido-bis-(N(6)-carbonylmethyl-NAD)

1,2-bis(nicotinamido)propane
(RN) 79455-30-4
(SY) N,N'-propylenebis(nicotinamide)
(SY) AVS
(HM) NICOTINAMIDE/*analogs
(II) ANTIOXIDANTS

bis(nicotinyl)morphine see nicomorphine

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N(1),N(10)-bis(4-nitrobenzoyl)spermidine
(RN) 87581-14-4
(SY) B-4-NBSD
(HM) SPERMIDINE/*analogs
(PA) RADIATION-SENSITIZING AGENTS
(NO) structure given in first source

N(1),N(14)-bis(4-nitrobenzoyl)spermine
(RN) 87581-16-6
(SY) B-4-NBS
(HM) SPERMINE/*analogs
(PA) RADIATION-SENSITIZING AGENTS
(NO) structure given in first source

bis(4-nitrophenyl) methylphosphonate
(SY) BNPMP
(SY) bis(para-nitrophenyl) methylphosphonate
(HM) *ORGANOPHOSPHORUS COMPOUNDS
(PA) LIPASE/antag
(NO) structure given in first source

bis-p-nitrophenyl phosphate see bis(4-nitrophenyl)phosphate

bis(p-nitrophenyl)phosphate see bis(4-nitrophenyl)phosphate

bis(4-nitrophenyl)phosphate
(RN) 645-15-8
(RR) 10331-55-2 (Ca salt)
(RR) 4043-96-3 (Na salt)
(SY) bis(4-nitrophenyl)phosphate
(SY) bis-p-nitrophenyl phosphate
(SY) bis(p-nitrophenyl)phosphate
(HM) *NITROPHENOLS
(PA) CARBOXYLIC ESTER HYDROLASES/antag
(NO) RN given refers to parent cpd

bis(4-nitrophenyl)phosphate see bis(4-nitrophenyl)phosphate

3,5-bis((2'-nitroxyethyl)aminocarbonyl)pyridine see SG 114

bis(5'-nucleosyl)tetraphosphatase (asymmetrical) see bis(5'-guanosyl) tetraphosphatase

bis(5'-nucleosyl)tetraphosphatase (symmetrical)
(RN) EC 3.6.1.41
(SY) AP4A pyrophosphohydrolase
(SY) diadenosine 5',5'''-P(1),P(4)-tetraphosphate pyrophosphohydrolase
(SY) AP4A pyrophosphatase
(HM) *PHOSPHODIESTERASES
(NO) symmetrically hydrolyzes AP4A to ADP

bisobrin
(RN) 22407-74-5
(RR) 42371-33-5 (mono-HCl(R*,R*)-(+-)-isomer)
(RR) 41600-12-8 (mono-HCl(R*,S*)-isomer)
(RR) 22407-73-4 (di-HCl(R*,S*)-isomer)
(RR) 22193-82-4 (di-HCl)
(SY) 1,1'-tetramethylenebis-(1,2,3,4-tetrahydro-6,7-dimethoxyisoquinoline)
(HM) *ISOQUINOLINES
(PA) FIBRINOLYTIC AGENTS
(NO) RN given refers to (R*,S*)-isomer; RN for cpd without isomeric designation not in Chemline 1/3/84; structure

bisoprolol
(RN) 66722-44-9
(RR) 85532-43-0 (HCl)
(RR) 66722-45-0 (fumarate)
(SY) 1-(4-((2-(1-methylethoxy)ethoxy)methyl)phenoxy)-3-((1-methylethyl)amino)-2-propanol
(SY) EMD 33512
(SY) EMD-33512
(HM) *PROPANOLAMINES
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS
(NO) kN given refers to parent cpd

bis-oxonol see bis(1,3-diethylthiobarbiturate)trimethineoxonol

bis(2-oxopropyl)nitrosamine see nitrosobis(2-oxopropyl)amine

bis(N-oxopyridine-2-thionato)zinc (II) see zinc pyrithione

2,3-bis(palmitoyloxy)-2-propyl-N-palmitoyl-Cys-Ser-Ser-Asp-Ala see 2,3-bis(palmitoyloxy)-2-propyl-N-palmitoyl-cysteinyl-seryl-seryl-asparaginyl-alanine

(2,3-bis(palmitoyloxy)propyl)-N-palmitoylcysteine methyl ester see tripalmitoyl cysteine

2,3-bis(palmitoyloxy)-2-propyl-N-palmitoyl-cysteinyl-seryl-seryl-asparaginyl-alanine
(RN) 87173-03-3
(SY) 2,3-bis(palmitoyloxy)propyl-N-palmitoylpentapeptide
(SY) 2,3-bis(palmitoyloxy)-2-propyl-N-palmitoyl-Cys-Ser-Ser-Asp-Ala
(SY) BPPP-CSSAA
(SY) tripalmitoyl pentapeptide
(HM) *OLIGOPEPTIDES
(II) MITOGENS
(NO) mitogen from E coli lipoprotein

2,3-bis(palmitoyloxy)propyl-N-palmitoylpentapeptide see 2,3-bis(palmitoyloxy)-2-propyl-N-palmitoyl-cysteinyl-seryl-seryl-asparaginyl-alanine

bis(para-nitrophenyl) methylphosphonate see bis(4-nitrophenyl) methylphosphonate

bis-pen-enkephalin see enkephalin, Pen(2)-Pen(5)-

bis-penicillamine enkephalin see enkephalin, Pen(2)-Pen(5)-

bis(perfluoro-n-hexyl)-1,2-ethylene
(RN) 56523-43-4
(HM) *FLUOROCARBONS
(NO) structure given in first source

bis(1,10-phenanthroline)copper(1+) ion
(RN) 17378-82-4
(RR) 33916-32-4 (nitrate)
(SY) Cu(1)(ophen)2
(HM) *PHENANTHROLINES
(NO) RN given refers to (1+) ion

bis(1,10-phenanthroline)copper(2+) ion
(RN) 15823-71-9
(RR) 21711-45-5 (sulfate[1:1])
(RR) 19319-90-5 (diperchlorate)
(RR) 23606-68-0 (Cu(+2) diacetate salt)
(RR) 38997-32-9 (Cu(+2) diacetate salt(SP-4-1)-isomer)
(RR) 14873-46-2 (dinitrate)
(SY) (o-phenanthroline) cupric
(SY) Cu(Phen)2
(SY) cupric di(1,10-phenanthroline)
(HM) *PHENANTHROLINES
(II) CROSS-LINKING REAGENTS
(NO) RN given refers to (Cu+2) cation

bisphenol A
(RN) 80-05-7
(RR) 2444-90-8 (di-Na salt)
(RR) 17224-35-0 (unspecified Na salt)
(SY) diphenylolpropane
(HM) *PHENOLS
(NO) RN given refers to parent cpd; structure

bisphenol A diglycidyl ether see 2,2-bis(4-glycidyloxyphenyl)propane

bisphenol A epoxy resin diacrylate ester
(RN) 4687-94-9
(SY) epoxy acrylate
(HM) *EPOXY RESINS
(NO) prepolymer in ultraviolet curing inks; structure given in first source

bis(phenol A-glycidyl methacrylate)
(RN) 30757-19-8
(RR) 1565-94-2 (monomer)
(RR) 62253-15-0 (cpd with unknown MF)
(RR) 87140-30-5 (Spectra-Bond)
(SY) 2-methyl(1-methylethylidene)bis(4,1-phenyleneoxy(2-hydroxy-3,1-propanediyl))2- propenoic acid ester
(SY) bis-GMA
(SY) bis-GMA resin
(SY) Nuva Seal
(SY) Dynabond
(SY) epoxylite 9075
(SY) Concise Enamel Bond System
(SY) Concise Enamel Bond
(SY) Kerr sealer
(SY) Kerr pit and fissure sealant
(SY) Delton
(SY) folakor
(SY) Endur
(SY) Monolok
(SY) Heliosit Orthodontic
(SY) Spectra-Bond
(SY) mono-lok
(HM) *POLYMETHACRYLIC ACIDS
(II) PIT AND FISSURE SEALANTS
(II) COMPOSITE RESINS
(II) ROOT CANAL FILLING MATERIALS
(NO) RN given refers to homopolymer; see also record for Concise; structure

bisphenol A-glycidyl methacrylate polymer see Adaptic

bisphenol-A-polycarbonate
(RN) 25037-45-0
(HM) *POLYMERS
(NO) used as artificial implant

4,4'-bis(8-phenylamino)naphthalene-1-sulfonate see 5,5'-bis(8-(phenylamino)-1-naphthalenesulfonate)

5,5'-bis(8-(phenylamino)-1-naphthalenesulfonate)
(RN) 63741-13-9
(SY) 5,5-bis(ANS)
(SY) 4,4'-bis(8-phenylamino)naphthalene-1-sulfonate
(HM) *ANILINO NAPHTHALENESULFONATES
(II) FLUORESCENT DYES

bis(phenylbutazone) Cu(II) complex see copper(II) bis(phenylbutazone) complex

N,N-bis(phenylcarbamoylmethyl)dimethylammonium chloride see QX-572

bisphosphatidic acid
(HM) *PHOSPHATIDIC ACIDS

bisphosphoglycerate phosphatase
(RN) EC 3.1.3.13
(RR) 9033-04-9 (CRN)
(SY) diphosphoglycerate phosphatase
(SY) glycerate-2,3-P2 synthase
(SY) glycerate-2,3-P2 phosphatase
(SY) bisphosphoglycerate synthase
(SY) 2,3-bisphosphoglycerate synthase
(SY) bisphosphoglycerate synthase-phosphatase
(HM) *PHOSPHOMONOESTERASES

bisphosphoglycerate synthase see bisphosphoglycerate phosphatase

bisphosphoglycerate synthase-phosphatase see bisphosphoglycerate phosphatase

2,3-bisphosphoglycerate synthase see bisphosphoglycerate phosphatase

2,3-bisphosphoglycerate see 2,3-diphosphoglycerate

N,N-bis(phosphonomethyl)glycine see glyphosphine

3,6-bis(2-piperidinoethoxy)acridine see CL 246738

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bis(p-piperidinophenol)diimidonaphthalene-1,4,5,8-tetracarboxylic acid dibenzosulfoethylate see ritetronium

bis(4-piperidinophenol)diimidonaphthalene-1,4,5,8-tetracarboxylic acid dibenzosulfoethylate see ritetronium

BIS-PMA see
2,2-bis-(4-(3-methacryloxypropoxy)phenyl)propane

bis(2-propoxyethyl)-1,4-dihydro-2,6-dimethyl-4-(3-nitrophenyl)-3,5-pyridinedicarboxylate see niludipin

bis(3-propyl-5-oxoisoxazol-4-yl)pentamethine oxanol see oxonol VI

bis(3-propyl-5-oxoisoxazol-4-yl)pentamethineoxonol see oxonol VI

bis(4-pyridylmethyl)amine citrate see gapicomine

bis(2-pyridyl-1-oxide)disulfide magnesium sulfate see dipyrithione

4-(3',5'-bis(N-pyrrolidinyl)methyl)-4'-hydroxyanilino) quinazoline see changrolin

N,N'-bis(1H-pyrrol-1-yl)-1,4-benzenediamine see dihydroazarole

Bis-Q
(RN) 81931-05-7
(RR) 68640-59-5 ((E)-isomer)
(RR) 32752-27-5 (dibromide(E)-isomer)
(RR) 38396-40-6 (dibromide)
(RR) 74938-91-3 ((Z)-isomer)
(RR) 69655-54-5 (dibromide(Z)-isomer)
(SY) trans-3,3'-bis(alpha-(trimethylammonium)methyl) azobenzene dibromide
(HM) *AMMONIUM COMPOUNDS
(NO) photochromic activator of acetylcholine receptors; RN given refers to parent cpd without isomeric designation; structure

1-(bis(2-quinolyl)ethyl)-4-m-tolylpiperazine see centhaquine

bis(salicylaldoximato)coper(II)
(SY) trans-bis(salicylaldoximato)copper(II) complex
(SY) CuSAO2
(HM) *ORGANOMETALLIC COMPOUNDS
(HM) *COPPER
(PA) ANTINEOPLASTIC AGENTS
(II) CHELATING AGENTS

trans-bis(salicylaldoximato)copper(II) complex see bis(salicylaldoximato)coper(II)

bis(2-(succinimidooxycarbonyloxy)ethyl) sulfone
(RN) 57683-72-4
(SY) BSOCOES
(HM) *SUCCINIMIDES
(II) CROSS-LINKING REAGENTS
(NO) bifunctional reagent for intramolecular crosslinking of insulin; structure

N,N'-bis(sulfonatopropyl)-4,4'-bipyridyl
(SY) bis(sulfonatopropyl)viologen
(HM) PARAQUAT/*analogs

bis(sulfonatopropyl)viologen see
N,N'-bis(sulfonatopropyl)-4,4'-bipyridyl

bis(sulfosuccinimidyl)suberate
(RN) 82436-77-9
(SY) disulfosuccinimidyl suberate
(SY) BSSIS
(HM) *SUCCINIMIDES
(II) CROSS-LINKING REAGENTS
(NO) structure given in first source

bis-TCPO see bis(2,4,6-trichlorophenyl)oxalate

bis-A-TDA
(RN) 26907-37-9
(SY) NSC-143019
(SY) TK-5477
(SY) NSC 143019
(SY) N,N'-methylene-bis(2-amino-1,3,4-thiadiazole)
(HM) *THIADIAZOLES
(PA) IMMUNOSUPPRESSIVE AGENTS
(PA) ANTINEOPLASTIC AGENTS
(II) TERATOGENS
(NO) cpd not in Chemline 8/2/83; structure given in first source

bis(4-tert-butylcyclohexyl) peroxydicarbonate
(RN) 15520-11-3
(SY) BBPD
(HM) *PEROXIDES
(NO) polymerization initiator

bis(tert-butyloxycarbonyl)desoctapeptide insulin phenylhydrazide see insulin, di-Boc-DOP-phenylhydrazide-

2,6-bis(tert-butyl)phenol see 2,6-di-tert-butylphenol

bis(2,3,3,3-tetrachloropropyl) ether see S-421

bis(tetraheptylammonium) tetraiodocyclopentane tellurate(IV)
(RN) 68183-81-3
(SY) TACT
(HM) *TELLURIUM
(NO) organo-tellurium cpd used in Te toxicity studies

1,3-bis(tetrahydro-2-furanyl)-5-fluoro-2,4- pyrimidinedione see FD-1

1,3-bis(tetrahydro-2-furanyl)-5-fluorouracil see FD-1

N,N'-bis(2,2,6,6-tetramethyl-1-oxyl-4-piperidinyl)-1,2-diaminocyclopropane see Ro 31-2269

N,N'-bis(2,2,6,6-tetramethyl-1-oxyl-4- piperidinyl) succinamide see Ro 03-9199

bis(tetraphenylphosphonium)tetracyanato-bis-4-methoxy-6-phenyltellurate(IV)
(RN) 73481-12-6
(SY) TTMT
(HM) *TELLURIUM
(NO) organo-tellurium cpd used in Te toxicity studies

bisthiopyrophosphate see bis(thiopyrophosphoric acid)

bis(thiopyrophosphoric acid)
(SY) bisthiopyrophosphate
(SY) dithiopyrophosphate
(SY) dithiopyrophosphoric acid
(HM) *PYROPHOSPHATES
(PA) ANTIVIRAL AGENTS
(NO) structure given in first source

bis(2,4,6-tribromophenyl) phosphorochloridate
(RN) 70757-60-7
(RR) 91024-24-7 (cpd with unspecified bromine locants)
(SY) BTBPC
(HM) *PHOSPHINES
(II) INDICATORS AND REAGENTS
(NO) structure given in first source; RN given refers to cpd with bromine locants

bis(tributyltin)oxide see lastanox Q

bis(tributyl tin)oxide see lastanox Q

bis(tri-n-butyltin)oxide see lastanox Q

bis(2,4,5-trichloro-6-carbopentoxyphenyl) oxalate
(RN) 30431-54-0
(SY) CPPO
(HM) *OXALATES
(II) INDICATORS AND REAGENTS

1,4-bis(trichloromethyl)benzene see hexachloro-4-xylene

bis(2,4,6-trichlorophenyl)oxalate
(RN) 1165-91-9
(SY) bis-TCPO
(HM) *OXALATES
(II) INDICATORS AND REAGENTS
(NO) chemiluminescence reagent

bis(2,4,6-trichlorophenyl) phosphorochloridate
(RN) 17725-11-0
(SY) BTPPC
(HM) *PHOSPHINES
(II) INDICATORS AND REAGENTS
(NO) structure given in first source

2,8-bis(trifluoromethyl)-alpha-(2-piperidyl)-4-quinolinemethanol see mefloquine

2,8-bis(trifluoromethyl)-4-(1-hydroxy-3-(N-tert-butylamino)propyl)quinoline see WR 184,806

bis-(2-trimethylaminoethyl)suberate diiodide see subecholine

Bistris
(RN) 6976-37-0
(SY)
2-(bis(2-hydroxyethyl)amino)-2(hydroxymethyl)-1, 3-propanediol
(HM) TROMETHAMINE/*analogs
(II) BUFFERS
(NO) structure given in first source

1,3-bis(tris(hydroxymethyl)methylamino) propane
(RN) 64431-96-5
(SY) bis-Tris-propane
(HM) TROMETHAMINE/*analogs

bis-Tris-propane see
1,3-bis(tris(hydroxymethyl)methylamino)propane

bisulfite see hydrogen sulfite

bisulfites
(HM) *SULFITES

BIT see 2-(4-ethoxybenzyl)-1-diethylaminoethyl-5-isothiocyanatobenzimidazolze

BIT alkylating agent see
2-(4-ethoxybenzyl)-1-diethylaminoethyl-5-isothiocyanatobenzimidazolze

BITC-EDTA see
4-(2,3-bis(bis(carboxymethylamino))propyl)phenyl isothiocyanate

1,2-BITDO see 1,2-benzoisothiazoline 1,1-dioxide

Bithionol sulfoxide
(RN) 844-26-8
(RR) 55511-30-3 (mono-Na salt)
(SY) Bitin-S
(SY) bis(2-hydroxy-3,5-dichlorophenyl)sulfoxide
(SY) bis(3,5-dichloro-2-hydroxyphenyl)sulfoxide
(HM) *BITHIONOL/analogs
(PA) ANTHELMINTICS
(PA) ANTIPLATYHELMINTIC AGENTS
(NO) RN given refers to parent cpd; structure

Bitin-S see Bithionol sulfoxide

Bitis gabonica venom see Bitis venoms

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Bitis venoms
(SY) Bitis gabonica venom
(HM) *VIPER VENOMS
(NO) from Gaboon viper

bitolterol
(RN) 30392-40-6
(RR) 30392-41-7 (methanesulfonate salt)
(SY) S-1540
(SY) bitolterol methanesulfonate
(SY) bitolterol mesylate
(SY) Win 32784
(HM) *ETHANOLAMINES
(PA) BRONCHODILATOR AGENTS
(NO) RN given refers to parent cpd; structure

bitolterol mesylate see bitolterol

bitolterol methanesulfonate see bitolterol

bitoscanate
(RN) 4044-65-9
(SY) jonit
(SY) L-6842
(SY) phenylene diisothiocyanate
(HM) *THIOCYANATES
(PA) ANTINEMATODAL AGENTS
(NO) anthelmintic; minor descriptor (75-83); on-line & Index Medicus search THIOCYANATES (75-83); structure

bitoxibacillin
(RN) 62628-54-0
(SY) thuringin
(HM) *INSECTICIDES
(NO) insecticide from Bacillus thuringiensis

bitumen see asphalt

bitumins
(HM) *HYDROCARBONS

bityrosine see dityrosine

bivalent meningococcal vaccine see meningococcal vaccine

bivittoside D
(RN) 77394-06-0
(HM) *HOLOTHURIN/analogs
(II) SEA CUCUMBERS
(NO) RN given refers to (3beta,12alpha)-isomer; RN from CA Index Guide 1984; RN for cpd without isomeric designation not available 2/85; structure given in first source

black broom see mico-artemin

black copper cement
(HM) *COPPER
(II) DENTAL CEMENTS
(NO) commonly used in oral surgery for fixation of dental splints both in anesthetized &/or conscious patients; consists of powder (mainly cupric oxide with small amounts of zinc oxide & magnesium oxide) & a liquid (mainly orthophosphoric acid with aluminum hydroxide, zinc oxide & magnesium oxide) which are mixed to form the final cement; can cause local acid burns

black-eyed pea trypsin, chymotrypsin inhibitor see trypsin, chymotrypsin inhibitor, black-eyed pea

black mamba venom protein CM 3
(SY) CM-3 BMVP
(HM) *ELAPID VENOMS
(NO) from Dendroaspis polylepis polylepis; 65 amino acid sequence given in first source

black mamba venom protein I see toxin I, black mamba venom

black mamba venom protein K see toxin K, black mamba venom

black mamba venom toxin I see toxin I, black mamba venom

black widow spider venom
(HM) *SPIDER VENOMS
(II) BLACK WIDOW SPIDER

bladex 80W see cyanazine

Blankophor G
(RN) 7426-67-7
(HM) *TRIAZOLES
(II) FLUORESCENT DYES
(NO) RN from CA Index Guide 1984; RN not in Chemline 1/85; RN given refers to tetra-Na salt; RN for parent cpd not available

blasticidin S
(RN) 2079-00-7
(RR) 53890-98-5 (carbamodithioate(S)-isomer)
(RR) 52009-46-8 (methyl sulfate(S)-isomer)
(RR) 52009-45-7 (dodecyl sulfate(S)-isomer)
(RR) 51268-85-0 (HCl(S)-isomer)
(RR) 3513-03-9 (mono-HCl(S)-isomer)
(HM) GUANIDINES
(PA) ANTIBIOTICS, ANTIFUNGAL
(PA) ANTIBIOTICS
(NO) RN given refers to (S)-isomer; RN for cpd without isomeric designation not in Chemline 1/3/84; structure

blastogenic factor
(HM) *LYMPHOKINES

blastolemmase
(RN) EC 3.4.99.-
(HM) *PEPTIDE PEPTIDOHYDROLASES
(II) BLASTOCYST/physiol

blastolysin
(RN) 76082-56-9
(HM) GLYCOPEPTIDES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) glycopeptide fragments of cell walls from Lactobacillus bulgaricus with significant antineoplastic activity against transplanted & spontaneous animal tumors

Blast-2 see differentiation antigens, B-lymphocyte

bleaocaine see lotucaine

BLEDTA
(HM) *BLEOMYCINS
(HM) EDTA/*analogs
(II) CHELATING AGENTS
(NO) bleomycin modified with bifunctional chelating agent
1-(p-bromoacetamidophenyl)ethylenedinitrilotetraacetic acid

bleomycetin
(RN) 11116-32-8
(RR) 55658-47-4 (HCl)
(SY) bleomycin A5
(HM) *BLEOMYCINS
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) RN given refers to parent cpd

bleomycin A5 see bleomycetin

bleomycin BAPP
(RN) 69177-41-9
(SY) bleomycin-BAPP
(SY) NSC 294979
(SY) NSC-294979
(HM) *BLEOMYCINS
(NO) structure given in first source

bleomycin-BAPP see bleomycin BAPP

bleomycin-con A see concanavalin A conjugated bleomycin

bleomycin copper chelate see copper bleomycin

bleomycin Cu see copper bleomycin

bleomycin hydrolase
(RN) EC 3.2.1.-
(HM) *GLYCOSIDE HYDROLASES

bleomycin-vanadium(IV) complex
(SY) vanadium(IV)-bleomycin
(HM) *BLEOMYCINS
(HM) *VANADIUM

Blestre
(HM) *IRRITANTS
(NO) commercial blistering agent from S.J.Hood Manufacturing Co., Victoria; no other info available 7/85

bleu patent V see patent blue violet

BLGGV see
N-tert-butyloxycarbonyl-leucyl-glutamyl-glutamyl- valine

Blitox see copper oxychloride

BLM-M
(RN) 82824-04-2
(HM) BLEOMYCINS
(HM) MITOMYCINS
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

blocking anticoagulant see autoagglutinin

blocking factor
(HM) *ANTIGENS, NEOPLASM
(NO) progression of tumor growth associated in vitro with blocking by serum of lymphocyte-mediated cytoxicity; blocking factor appears to be soluble tumor antigen or antigen-antibody complex; has antigen-binding properties & is a glycoprotein

blood actin depolymerizing protein see actin depolymerizing proteins

Blood-coagulation factor V, activated see Factor Va

Blood-coagulation factor XI, activated see factor XIa

Blood-coagulation factor XII, activated see prekallikrein activator

blood group Cad
(SY) Cad blood group
(HM) *BLOOD GROUPS
(NO) human red cell antigen inherited as an autosomal dominant character; glycophorin A & B are its carriers

blood group A-enzyme see UDPgalactosamine-galactose acetylgalactosaminyltransferase

blood group B-enzyme see blood-group-substance alpha-D-galactosyltransferase

blood group H fucosyltransferase see alpha(1-2)fucosyltransferase

blood group glycosyltransferase A see UDPgalactosamine-galactose acetylgalactosaminyltransferase

blood group glycosyltransferase B see blood-group-substance alpha-D-galactosyltransferase

blood group secretory substances see blood group substances

blood-group-substance alpha-D-galactosyltransferase
(RN) EC 2.4.1.37
(SY) blood group B-enzyme
(SY) blood group glycosyltransferase B
(SY) fucosylglycoprotein alpha-D- galactosyltransferase
(SY) fucosylglycoprotein 3-alpha- galactosyltransferase
(SY) UDPgalactose-glycoprotein-alpha-L-fucosyl-(1,2)-D-galactose 3-alpha-D-galactosyltransferase
(HM) *GALACTOSYLTRANSFERASES

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blood group substances
(SY) blood group secretory substances
(HM) *BLOOD GROUPS
(NO) found in normal cells & some carcinomas; used as cell surface markers

blood group TN
(SY) T(N) blood group
(SY) TN blood group
(HM) *BLOOD GROUPS
(NO) blood group specificity related to GalNAc-serine & -threonine glycopeptides on amino terminal portion of glycophorin A(M)

blood group Wr
(SY) Wr(b) blood group
(HM) *BLOOD GROUPS

blood preservative solution 7b see tsolipk 7b

BL-P1462 see suncillin

BL-P1597 see furbenicillin

BL P1654 see BL-P1654

BL-P1654
(RN) 28889-87-4
(RR) 37762-64-4 (Na salt)
(SY) 6-(D-alpha-(3-guanylureido)phenylacetamido) penicillanic acid
(SY) D-6-(2-(3-amidinoureido)-2-phenylacetamido)-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo(3.2.0) heptane-2-carboxylic acid
(SY) BL P1654
(HM) *PENICILLANIC ACIDS
(NO) RN given refers to (2S-(2alpha,5alpha,6beta(S*))-isomer; structure

BL-P1761 see sarpicillin

BL-S 786 see ceforanide

BL-S786R see ceforanide

blue copper protein
(SY) blue protein, Alcaligenes faecalis
(SY) amicyanin
(HM) *METALLOPROTEINS
(NO) inactivating factor for nitrite reductase from Alcaligenes faecalis; also from Pseudomonas AM1; electron acceptor of methylamine dehydrogenase

blue dextran
(RN) 9049-32-5
(SY) dextran blue
(SY) blue dextran 2000
(HM) *DEXTRANS
(II) DYES

blue dextran-sepharose
(RN) 67701-59-1
(SY) Blue Dextran Sepharose
(HM) SEPHAROSE/*analogs
(II) DYES

Blue Dextran Sepharose see blue dextran-sepharose

blue dextran 2000 see blue dextran

blue flavin
(RN) 86189-63-1
(SY) flavin 2-S-oxide
(HM) *FLAVINS
(NO) formed by oxidation of 2-thioflavin; structure given in first source

bluensomycin
(RN) 11011-72-6
(HM) DIHYDROSTREPTOMYCIN/*analogs
(NO) differs from dihydrostreptomycin only in absence of guanidino group; structure

blue protein, Alcaligenes faecalis see blue copper protein

blue-sepharose
(RN) 66456-82-4
(SY) blue Sepharose
(HM) SEPHAROSE/*analogs
(II) DYES
(NO) no other information available 5/28/81

blue Sepharose see blue-sepharose

Blue Sepharose CL-6B see cibacron blue-sepharose

Blue URS see patent blue violet

blue vitriol see copper sulfate

Blue VRS see patent blue violet

BLV p12 see gag viral proteins

B lymphocyte differentiation antigens, human see differentiation antigens, B-lymphocyte

B lymphocyte growth factor see B cell-activating factor

B-lymphocyte-specific high turnover protein see XM1 protein

BL 14 see BL-14

BL-14
(RN) 29573-76-0
(RR) 28817-74-5 (citrate[1:1] salt)
(RR) 33545-27-6 (unspecified citrate salt)
(SY) N-(5-pyrrolidinopent-3-ynyl)succinimide
(SY) BL 14
(HM) *PYRROLIDINONES
(NO) oxotremorine antagonist; RN given refers to parent cpd; structure

BL 20803 see BL-20803

BL-20803
(RN) 25627-79-6
(RR) 41935-57-3 (di-HCl)
(SY) DDPQ
(SY) BL 20803
(HM) *AMINOQUINOLINES
(PA) INTERFERON INDUCERS
(NO) RN given refers to parent cpd; structure

BL 3459 see BL-3459

BL-3459
(RN) 50608-63-4
(SY) 6-methyl-1,2,3,5-tetrahydroimidazo(2,1-b) quinazolin-2-one.HCl
(SY) BL 3459
(HM) *QUINAZOLINES
(PA) FIBRINOLYTIC AGENTS
(II) PLATELET AGGREGATION/drug eff
(NO) potent inhibitor of ADP-induced platelet aggregation; RN & NM refer to mono-HCl; parent cpd not in Chemline 3/20/80; structure

BL 3912A see dimoxamine

BL-3912A see dimoxamine

BL 4162A see anagrelide

BL 5111 see tiodazosin

BL 5111A see tiodazosin

BL 5255 see BL-5255

BL-5255
(RN) 64634-09-9
(RR) 64634-21-5 (mono-Na salt)
(SY) 2-(2-n-propoxyphenyl)-5-(5-1H-tetrazolyl) pyrimidin-4(3H)-one
(SY) BL 5255
(HM) *PYRIMIDINONES
(PA) ANTIHISTAMINICS
(NO) RN given refers to parent cpd; structure

BL 6341A
(RN) 78441-84-6
(SY) BL-6341A
(SY) 3-amino-4-(2((2-guanidinothiazol-4-yl) methylthio)ethylamino)-1,2,5-thiadiazole-1- oxide monohydrochloride
(HM) *GUANIDINES
(PA) HISTAMINE H2 RECEPTOR BLOCKADERS
(NO) structure in first source

BL-6341A see BL 6341A

4-BMAC see 4-bromomethyl-7-acetoxycoumarin

3-BMAEO see 3-methylandrost-5-en-17-one

2 BMBP see 2-benzyl-3-(4-methoxybenzoyl)propionic acid

2-BMBP see 2-benzyl-3-(4-methoxybenzoyl)propionic acid

BMDPC see bis(1,2-(methacryloyloxy)dodecanoyl) phosphatidylcholine

BmeI endonuclease see endodeoxyribonuclease BmeI

B 2 MGR see beta 2 microglobulin receptor

BMK see mecarzole

BMP see 1-(5'-phospho-beta-D-ribofuranosyl)barbituric acid

BMPP see bis(4-methylumbelliferyl)pyrophosphate

BMP protocol
(HM) CARMUSTINE
(HM) MELPHALAN
(HM) PREDNISONE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above 3 cpds

BM protein see bone morphogenetic protein

BMP-1 see MBD

BM spore protein B see Bacillus spore-specific proteins

BMSTBP see 4,4'-bis(methylsulfonyl)-2,2';5,5'-tetrachlorobiphenyl

4,5-BMTT see 4,5-bis(4-methoxyphenyl)-2-(trifluoromethyl)thiazole

B 30-muramyl dipeptide
(RN) 66880-80-6
(SY) (B30)-MDP
(HM) ACETYLMURAMYL-ALANYL-ISOGLUTAMINE/*analogs
(II) ADJUVANTS, IMMUNOLOGIC
(NO) RN given refers to D-Gln-L-Ala isomer; RN for cpd without isomeric designation not in Chemline 4/85

BMV 9B see Bungaris multicinctus venom fraction 9B

BMY-13805 see MJ 13805

BMY 13805 see MJ 13805

BMY-28117 see empedopeptin

BMY 28117 see empedopeptin

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BMY 28142
(SY) BMY-28142
(HM) *CEPHALOSPORINS
(NO) structure given in UD

BMY-28142 see BMY 28142

BMY 28160
(SY) BMY-28160
(HM) PEPTIDES, CYCLIC
(PA) ANTIBIOTICS
(NO) from Bacillus circulans strain H913-B4; structure given in first source

BMY-28160 see BMY 28160

BM 02.001 see azosemid

BM 02.004 see Torrat

BM-06002 see BM 06.002

BM 06.002
(RN) 59643-91-3
(SY) 4-imino-1,3-diazabicyclo(3.1.0)hexan-2-one
(SY) Imexon
(SY) BM-06002
(HM) *HEXANONES
(PA) ANTINEOPLASTIC AGENTS

BM 10.188 see doxaminol

BM-123 see DSO-16

BM 123 see DSO-16

BM 12531
(RN) 64118-86-1
(SY) 2-(2-cyanaziridinyl-(1))-2-(2-carbamoylaziridinyl-(1))propane
(SY) Azimexon
(HM) *AZIRIDINES
(PA) IMMUNOSTIMULANTS

BM 130
(SY) BM-130
(SY) N-(4-(2-chloromethylpyrrolidino)-2-butynyl)-2-pyrrolidone
(HM) OXOTREMORINE/*analogs
(NO) structure given in first source

BM-130 see BM 130

BM-13177 see BM 13177

BM 13,177 see BM 13177

BM 13177
(SY) 4-(2-(benzenesulfonamido)ethyl)phenoxyacetic acid
(SY) BM-13177
(SY) BM 13,177
(HM) SULFONAMIDES
(PA) FIBRINOLYTIC AGENTS
(NO) thromboxane receptor antagonist

BM 14190 see carvedilol

BM-14190 see carvedilol

BM-15100 see BM 15100

BM 15,100 see BM 15100

BM 15100
(RN) 39577-20-3
(SY) 3,4-dimethyl-7-(4-(p-chlorobenzyl)piperazin-1-yl)propoxycoumarin.di-HCl
(SY) BM 15,100
(SY) BM-15100
(HM) *COUMARINS
(PA) ANTIHISTAMINICS
(NO) RN & NM refer to di-HCl; parent cpd not in Chemline 5/1/80

BM 41332 see BM 41,332

BM-41332 see BM 41,332

BM 41,332
(RN) 75985-31-8
(SY) 2-cyan-1-((2-methoxy-6-methylpyridin-3-yl) methyl)aziridine
(SY) BM 41332
(SY) BM-41332
(SY) ciamexone
(HM) *AZIRIDINES
(II) ADJUVANTS, IMMUNOLOGIC

BM 42,304 see BM 42304

BM 42304
(RN) 88333-74-8
(SY) BM-42.304
(SY) BM 42,304
(SY) 2-(3-methylcinnamylhydrazono)propionate
(SY) MCHP
(HM) *CINNAMATES
(PA) HYPOGLYCEMIC AGENTS

BM-42.304 see BM 42304

BM 5 see
N-methyl-N-(1-methyl-4-pyrrolidino-2-butynyl)acetamide

BM-5 see
N-methyl-N-(1-methyl-4-pyrrolidino-2-butynyl)acetamide

BM 51052 see carazolol

B1NAPA-Ins see insulin, B1-(2-nitro-4-azidophenylacetyl)-

B29NAPA-Ins see insulin,
B29-(2-nitro-4-azidophenylacetyl)-

B29NAPGL-Ins see insulin,
B29-(2-nitro-4-azidophenyl)glycine

B-4-NBSD see N(1),N(10)-bis(4-nitrobenzoyl)spermidine

B-4-NBS see N(1),N(14)-bis(4-nitrobenzoyl)spermine

BNGLGA-AMC see
tert-butyloxycarbonyl-norleucyl-glutaminyl-leucyl-glycyl-arginine-7-amino-4-methylcoumarin

B2 (2-nitro-4-azidophenylacetyl)des-Phe(B1)insulin see insulin, B2-(2-nitro-4-azidophenylacetyl)-des-Phe (B1) -

B2(2-nitro-4-azidophenylacetyl)-desphenylalanine (B1) insulin see insulin,
B2-(2-nitro-4-azidophenylacetyl)-des-Phe (B1) -

B1(2-nitro-4-azidophenylacetyl)insulin see insulin,
B1-(2-nitro-4-azidophenylacetyl)-

B29(2-nitro-4-azidophenylacetyl)insulin see insulin,
B29-(2-nitro-4-azidophenylacetyl)-

B29(2-nitro-4-azidophenyl)glycine insulin see insulin,
B29-(2-nitro-4-azidophenyl)glycine

BNNG see N-butyl-N'-nitro-N-nitrosoguanidine

BNPCA see
N-(2-(2-butanoyl)-4-nitrophenoxyethyl)-N,N-bis(2-chloroethyl)amine

N,N-BNPCA see
N,N-bis(2-(2-butanoyl)-4-nitrophenoxyethyl)-N-(2-chloroethyl)amine

BNPMP see bis(4-nitrophenyl) methylphosphonate

BNPS-skatole
(RN) 27933-36-4
(SY) 2-(2-nitrophenylsulfenyl)-3-methyl-3-bromoindolenine
(HM) *SKATOLE/analogs

BNUR see N-n-butyl-N-nitrosourethane

BN-1270 see cycletanide

BN 1270 see cycletanide

BN 183B see bactobolin

BN-183B see bactobolin

BN 227 see BN-227

BN-227
(RN) 72731-33-0
(SY) antiobiotic BN-227
(SY) G1549
(SY) BN 227
(HM) PYRIDONES
(PA) ANTIBIOTICS
(NO) structure

BN 227-F see BN-227-F

BN-227-F
(RN) 72907-24-5
(SY) antibiotic BN-227-F
(SY) G1549 ferric complex
(SY) BN 227-F
(HM) PYRIDONES
(PA) ANTIBIOTICS
(II) IRON CHELATES
(NO) structure

BN 52021
(SY) BN-52021
(HM) *PLANT EXTRACTS
(PA) PLATELET ACTIVATING FACTOR/antag
(NO) isolated from Ginkgo biloba tree

BN-52021 see BN 52021

3-BOAL see 3-(2-benzoxazolyl)alanine

BOAP
(SY) ABVP
(HM) BLEOMYCINS
(HM) VINCRISTINE
(HM) DOXORUBICIN
(HM) PREDNISOLONE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy regime containing above compounds

N-BOB see N-nitrosobis(2-oxobutyl)amine

Boc-Aib-Ala-Aib-OMe see
tert-butyloxycarbonyl-prolyl-2-aminoisobutyryl-alanyl-2-aminoisobutyrate methyl ester

Boc-Aib-Pro-Pro-NHMe see
tert-butyloxycarbonyl-2-aminoisobutyryl-prolyl-prolyl-methylamide

Boc-DL-Ala-imidazolide see
tertiary-butyloxycarbonyl-alanine imidazolide

Boc-Ala-4-nitrophenyl ester see
N-tert-butyloxycarbonylalanine-4-nitrophenyl ester

Boc-Arg-Pro-2-NA see
tert-butyloxycarbonyl-arginylproline-2-naphthylamide

Boc-Asp-OBzl see t-butyloxycarbonylaspartic acid alpha-benzyl ester

Boc(Et-Tyr-Har) methyl ester see
tert-butoxycarbonyl-ethyltyrosylhomoarginine methyl ester

Boc-Gly-Trp-Met-Asp-Phe-NH2 see
tertiary-butyloxycarbonyl-glycyl-tryptophyl-methionyl-aspartyl-phenylalaninamide

BOC group see t-butyloxycarbonyl group

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Boc-Ile-Glu-Gly-Arg-MCA see tertiary-butyloxycarbonyl-isoleucyl-glutamyl-glycyl-arginyl-7-amino-4-methylcoumarin

Boc-Leu-Glu-Glu-Val see N-tert-butyloxycarbonyl-leucyl-glutamyl-glutamyl- valine

boc-Leu-Gly-Arg-pNA see butyloxycarbonyl-leucyl-glycyl-arginine-4-nitroanilide

Boc-lysine see epsilon-tert-butyloxycarbonyl-lysine

Boc-MeGlu-Glu-Val see butyloxycarbonyl-4-methylene-glutamyl-glutamyl-valine

Boc-Met-Leu-Phe OMe see tert-butyloxycarbonyl-methionyl-leucyl-phenylalanine methyl ester

Boc-NHOAc-Trp-Met-Asp-Phe-NH2 see tert-butyloxycarbonyl-aminooxyacetyl-tryptophyl-methionyl-aspartyl-phenylalaninamide

Boc-Nle-Gln-Leu-Gly-Arg-AMC see tert-butyloxycarbonyl-norleucyl-glutaminyl-leucyl-glycyl-arginine-7-amino-4-methylcoumarin

Boc-Phe-Ala see t-butyloxycarbonylphenylalanylalanine

Boc-Phe-Leu-Lys-H see butyloxycarbonyl-phenylalanyl-leucyl-lysine

Boc-phenylalanyl-alanine see t-butyloxycarbonylphenylalanylalanine

Boc-Phe-Phe-Lys-H see butyloxycarbonyl-phenylalanyl-phenylalanyl-lysine

Boc-D-Phe-Pro-Arg-H see GYKI 14,451

Boc-Phe-Pro-Arg-H see butyloxycarbonyl-phenylalanyl-prolyl-arginine

Boc-pyrimidoblamic acid see tert-butyloxycarbonylpyrimidoblamic acid

Boc-tryptophan see tert-butyloxycarbonyltryptophan

Boc-Val-Leu-Gly-Arg-AEC see tert-butyloxycarbonyl-valyl-leucyl-glycyl-arginine-3-amino-9-ethylcarbazole

Boc-Val-Pro-Arg-MCA see tertiary-butyloxycarbonyl-valyl-prolyl-arginyl-7-amino-4-methylcoumarin

Boc-VGAN see tert-butyloxycarbonyl-valyl-glycyl-arginine-2-naphthylamide

B-1,3-OD see 5-butyl-3H-1,3-oxazine-2,6-dione

Boehringer Mannheim reagents
(SY) CHOD-PAP reagent
(SY) Boehringer Mannheim C system
(HM) *CHOLESTEROL OXIDASE
(HM) *CHOLESTEROL ESTERASE
(HM) *PEROXIDASES
(II) INDICATORS AND REAGENTS
(NO) used for enzymatic determination of serum total cholesterol with improved lipolytic efficiency; addition of 2,4,6-tribromo-3-hydroxybenzoic acid gives sensitive reagent for determination of HDL-cholesterol

Boehringer Mannheim C system see Boehringer Mannheim reagents

BOFA see oncofetal antigens

Boivin antigen
(HM) *LIPOPOLYSACCHARIDES
(II) ESCHERICHIA COLI
(II) ANTIGENS, BACTERIAL
(NO) lipopolysaccharide extract of E coli

BOLA see bovine lymphocyte antigens

bolandiol dipropionate see anabiol

boldenone undecylenate
(RN) 13103-34-9
(RR) 28110-01-2 (cpd with unspecified locant for unsaturation on undecenoate)
(SY) Ba 29038
(SY) Equipoise
(SY) Parenabol
(SY) 3-oxo-1,4-androstadiene-17-ol undecylenate
(SY) 17 beta-hydroxyandrosta-1,4-dien-3-one 10-undecenoate
(HM) TESTOSTERONE/*analogs
(II) ANABOLIC STEROIDS

bolstar see sulprofos

Bolton Hunter-cholecystokinin octapeptide
(SY) BH-CCK8
(HM) *SUCCINIMIDES
(HM) SINCALIDE/*analogs
(II) INDICATORS AND REAGENTS
(NO) with 125I used for study of CCK receptor sites

Bolton Hunter-eledoisin ligand
(SY) eledoisin-Bolton Hunter ligand
(SY) I-BHE
(HM) ELEDOISIN/*analogs
(HM) *SUCCINIMIDES
(II) INDICATORS AND REAGENTS
(II) IODINE RADIOISOTOPES
(NO) labeled with (125)I for investigating receptor subtypes

Bolton-Hunter reagent
(RN) 65114-37-6
(RR) 76986-87-3 (125I-labeled cpd)
(SY) iodo-p-hydroxyphenylpropionic acid N-hydroxysuccinimide ester
(SY) N-hydroxysuccinimide iodo-p-hydroxyphenylpropionate
(HM) *SUCCINIMIDES
(II) INDICATORS AND REAGENTS
(NO) RN given refers to 3-iodophenyl cpd

Bolton Hunter reagent-substance P conjugate
(SY) BHR-SP
(SY) (125-I)BHR-substance P conjugate
(HM) *SUCCINIMIDES
(HM) *SUBSTANCE P

Bombay blood group
(HM) *BLOOD GROUPS
(II) ABO BLOOD-GROUP SYSTEM
(NO) rare blood group related to ABO group

bombesin-gastrin releasing peptide see gastrin releasing peptide

bombesin-like heptacosapeptide see gastrin releasing peptide

bombesin nonapeptide
(RN) 55750-00-0
(RR) 71394-75-7 (HCl)
(SY) bombesin 9
(HM) *BOMBESIN
(HM) *PEPTIDE FRAGMENTS
(NO) RN given refers to parent cpd

bombesin receptor
(SY) receptor, bombesin
(SY) bombesin receptors
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) BOMBESIN

bombesin receptors see bombesin receptor

bombesin, 4-tyrosine- see bombesin, Tyr(4)-

bombesin, Tyr(4)-
(RN) 67338-70-9
(SY) bombesin, 4-tyrosine-
(SY) 4-tyrosine bombesin
(SY) Tyr(4)-bombesin
(HM) BOMBESIN/*analogs

bombesin 9 see bombesin nonapeptide

bomboletin IV see bombolitins

bomboletin V see bombolitins

bombolitin I see bombolitins

bombolitin II see bombolitins

bombolitin III see bombolitins

bombolitins
(SY) bombolitin I
(SY) bombolitin II
(SY) bombolitin III
(SY) bomboletin IV
(SY) bomboletin V
(HM) *PEPTIDES
(II) BEE VENOMS
(NO) heptadecapeptides from the venom of Megabombus pennsylvanicus; have mast cell degranulating activity

bometolol
(RN) 65008-93-7
(RR) 69000-72-2 (monooxalate)
(SY) 8-acetonyloxy-5-(3-(2-(3,4-dimethoxyphenyl) ethylamino)-2-hydroxypropoxy)-3,4- dihydrocarbostyril
(SY) OPC-1427
(HM) *PROPANOLAMINES
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS
(NO) cardiospecific beta-adrenergic blockingdrug; RN given refers to parent cpd; structure in USAN 1982, p.67

BOMM
(HM) BLEOMYCIN
(HM) MITOMYCINS
(HM) METHOTREXATE
(HM) VINCRISTINE
(PA) ANTINEOPLASTIC AGENTS, COMBINED

BOMP protocol
(HM) BLEOMYCINS
(HM) VINCRISTINE
(HM) MITOMYCINS
(HM) CISPLATIN
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds; used in treatment of gynecological carcinomas

BOMT see Ro 7-2340

bonafton
(RN) 6954-48-9
(HM) *NAPHTHOQUINONES
(PA) ANTIVIRAL AGENTS
(NO) for prevention of influenza & respiratory diseases; russian drug; structure

bonaid see buquinolate

Bonain's liquid
(RN) 8053-92-7
(HM) *PHENOLS
(HM) *COCAINE
(HM) *MENTHOL
(HM) DRUG COMBINATIONS
(PA) ANESTHETICS, LOCAL
(NO) combination of phenol, cocaine Cl & menthol

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bone ash
(RN) 68439-86-1
(SY) toe ash
(HM) *MINERALS
(II) BONE AND BONES

bone gamma-carboxyglutamic acid protein see osteocalcin

bone Gla protein see osteocalcin

bone growth factor
(SY) skeletal growth factor
(SY) human skeletal growth factor
(SY) macrophage-derived osteoblast growth factor
(HM) *PROTEINS
(II) GROWTH SUBSTANCES
(NO) large MW protein (83,000) from human bone matrix; heat-stable peptide promoting growth of osteoblasts & chondroblasts in vitro in macrophage-conditioned medium

bonellin
(RN) 62888-19-1
(HM) *PORPHYRINS
(PA) SPERM IMMOBILIZING AGENTS
(II) PIGMENTS
(NO) green pigment from Bonellia viridis

bone meal
(RN) 68409-75-6
(HM) *MINERALS
(II) BONE AND BONES

bone morphogenetic protein
(SY) BM protein
(SY) osteosarcoma-derived soluble bone morphogenetic protein
(HM) *PROTEINS
(II) NEOPLASM PROTEINS
(II) GROWTH SUBSTANCES
(NO) found in mouse osteosarcoma & rat demineralized bone matrix; solubilized protein fraction of human osteosarcoma induced differentiation of normal cartilage & bone in athymic nude mice

bone resorbing activity see bone resorption factor

bone resorption factor
(SY) bone resorbing activity
(HM) *BIOLOGICAL PRODUCTS
(NO) molecular size similar to osteoclast activating factor; designated as cytokine rather than lymphokine; causes bone resorption

bonjela see cetyldimethylbenzylammonium

BOOH see 2,6-di-tert-butyl-4-hydroperoxy-4-methyl-2,5-cyclohexadienone

bopindolol
(RN) 69010-88-4
(RR) 62658-63-3 ((+-)-isomer)
(SY) LT 31-200
(SY) 1-(tert-butylamino)-3-((2-methylindo)-4-yl)-2-propanol benzoate
(HM) PINDOLOL/*analogs
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS
(NO) RN given refers to cpd without isomeric designation

BOPM see N-(4-(2-benzoxazolyl)phenyl)maleimide

5-BOP see 5-butoxypicolinic acid

borate-serine complex see serine-borate complex

borax
(RN) 61028-24-8
(RR) 1303-96-4 (decahydrate)
(RR) 12247-40-4 (mono-hydrate)
(SY) borax (Na(2)(B(4)O(7))
(SY) flux
(HM) *BORATES
(NO) RN given refers to parent cpd

borax (Na(2)(B(4)O(7)) see borax

Bordetella pertussis endotoxin disaccharide see 2-amino-6-O-(2-amino-2-deoxy-glucopyranosyl)-2-deoxyglucose

B 68ORD
(RN) 77124-30-2
(SY) brondiletten retard
(HM) THEOBROMINE/*analogs
(HM) *PROPYLAMINES
(HM) *BENACTYZINE
(HM) *PHENOBARBITAL
(HM) DRUG COMBINATIONS
(PA) BRONCHODILATOR AGENTS
(II) DELAYED-ACTION PREPARATIONS
(NO) contains tolpropamine, pentifylline, benactyzine & phenobarbital

boric acid
(RN) 10043-35-3
(RR) 13813-79-1 (H3(10)BO3)
(RR) 13460-50-9 (HBO2)
(RR) 12228-79-4 (H2B4O7)
(RR) 11113-50-1 (cpd with unknown MF)
(SY) orthoboric acid
(HM) *BORIC ACIDS
(NO) RN given refers to BH3O3

borjatriol
(RN) 52591-03-4
(SY) 7,14,15,-trihydroxy-13-epoxylabdane
(HM) *DITERPENES
(PA) ANTI-INFLAMMATORY AGENTS
(NO) diterpene from Sideritis mugronensis; RN from 10th CI Chem Subs Index for (3R-(3alpha(R*),4abeta,5beta,6aalpha,10abeta,10balpha))-isomer; RN for cpd without isomeric designation not in Chemline 11/1/83

bornaprine
(RN) 20448-86-6
(RR) 26908-91-8 (HCl)
(SY) Sormodren
(SY) Kr 339
(HM) *BRIDGED COMPOUNDS
(PA) ANTIFARKINSON DRUGS
(PA) PARASYMPATHOLYTICS
(NO) beneficial effect in Parkinsonism due to inhibition of muscarinic or nicotinic transmission; RN given refers to parent cpd; synonym Kr 339 refers to HCl; structure

bornelone
(RN) 2226-11-1
(HM) *BORNANES
(NO) found in cosmetics; causes contact dermatitis; structure given in first source

borneol see isoborneol

bornyl pyrophosphate
(RN) 64822-87-3
(HM) *POLYISOPRENYL PHOSPHATES

bornyl pyrophosphate cyclase see geranyl-diphosphate cyclase

bornylpyrophosphate synthase see geranyl-diphosphate cyclase

bornyl pyrophosphate synthetase see geranyl-diphosphate cyclase

borogluconate
(RN) 87-46-7
(RR) 5743-34-0 (Ca salt)
(SY) calcium borogluconate
(HM) *BORIC ACIDS
(NO) RN given refers to parent cpd

boromycin
(RN) 34524-20-4
(HM) BORATES
(PA) ANTIBIOTICS
(II) IONOPHORES

2-boronoglycine
(HM) GLYCINE/*analogs
(HM) *BORON COMPOUNDS
(NO) borated analog of glycine (H3NBH2COOH)

4-boronophenylalanine
(RN) 76410-58-7
(RR) 76410-59-8 (HCl)
(RR) 74923-16-3 ((10)B-cpd)
(RR) 74923-15-2 (HCl(10)B-cpd)
(SY) para-borono-L-phenylalanine
(HM) PHENYLALANINE/*analogs
(HM) *BORON COMPOUNDS
(PA) RADIATION-SENSITIZING AGENTS
(NO) neutron absorbing (10)B-cpd used in thermal neutron capturetherapy of malignant melanoma; RN given refers to (L)-isomer; structure given in first source

boron oxide
(RN) 1303-86-2
(RR) 12505-77-0 (mono-oxide)
(RR) 13840-88-5 (BO2)
(RR) 54566-73-3 (cpd with unspecified MF)
(RR) 12228-63-6 (B2O5)
(SY) B2O3
(HM) *BORON
(NO) RN given refers to B2O3

boron trifluoride
(RN) 7637-07-2
(HM) *BORANES

borrelidin
(RN) 7184-60-3
(HM) FATTY ALCOHOLS
(PA) ANTIBIOTICS

bostrycin
(RN) 21879-81-2
(HM) *ANTHRAQUINONES
(PA) ANTIBIOTICS
(II) PIGMENTS
(II) TOXINS
(NO) crystalline red pigment from culture filtrate of Alternaria eichhorniae with antibacterial & phytotoxic activity; structure given in first source

Bothrops jararaca protease A
(RN) EC 3.4.21.-
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) serine proteinase; inhibited by diisopropylfluorophosphate; active on arginine substrates, protamine, gelatin and insulin

Bothrops venom factor see botrocetin

Botran see dichloran

botriodiplodin see botryodiplodin

botrocetin
(RN) 85537-36-6
(SY) Bothrops venom factor
(SY) venom coagglutinin
(HM) *CROTALID VENOMS
(II) HEMAGGLUTININS
(NO) causes platelet aggregation in vitro & depletes plasma of its vor Willebrand Factor

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botryodiplodin
(RN) 27098-03-9
(SY) botriodiplodin
(HM) *FURANS
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(II) MYCOTOXINS
(NO) antibiotic with antileukemic activity; isolated from Botryodiplodia theobromae Pat.; has interesting property of turning the skin of the individual various shades of pink 2-3 hrs after application; toxic metabolite of Penicillium carneo-lutescens; structure

bottromycin A(2)
(RN) 15005-62-6
(HM) *ANTIBIOTICS
(NO) from streptomyces; specific inhibitor to protein sythesinin the in vivo & in vitro bacterial systems; structure; see also record for bottromycin

Bouin's fluid see Bouin's solution

Bouin's solution
(RN) 37330-50-0
(SY) Bouin's fluid
(HM) *FORMALDEHYDE
(HM) *ACETIC ACIDS
(HM) *PICRATES
(II) FIXATIVES
(NO) histological fixing fluid consisting of acetic acid, formaldehyde & picric acid

bouvardin
(RN) 64755-14-2
(SY) NSC 259,968
(HM) *PEPTIDES, CYCLIC
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(NO) cyclic hexapeptide from plant Bouvardia ternifolia

bouvardin catechol
(RN) 88426-35-1
(SY) 3-hydroxy-O-desmethylbouvardin
(HM) *PEPTIDES, CYCLIC
(NO) metabolite of bouvardin; hydrogen in position ortho to hydroxy group of O-desmethylbouvardin replaced by hydroxy group; structure given in first source

bovicystan
(HM) *CYSTEAMINE
(HM) *DEXAMETHASONE
(HM) *ASCORBIC ACID
(PA) DRUG COMBINATIONS
(NO) combination of above cpds used for treatment of subclinical ketosis in cows

bovine gamma globulin-penicilloyl
(SY) BGG-Pen
(SY) penicilloyl-bovine gamma globulin
(HM) *GAMMA GLOBULINS
(HM) *PENICILLANIC ACIDS
(NO) bovine gamma globulin with 30 penicilloyl groups introduced

bovine lymphocyte antigens
(SY) BOLA
(HM) *HISTOCOMPATIBILITY ANTIGENS

bovine pancreatic trypsin inhibitor, arginine(15)- see trasylol, Arg(15)-

bovine parathyroid hormone (1-34)amide Nle(8,18), Tyr (34) see bovine parathyroid hormone (1-34) amide, 8,18-Nle-34-Tyr-

bovine parathyroid hormone (1-34) amide, 8,18-Nle-34-Tyr-
(RN) 64763-77-5
(SY) bPTH (1-34) amide, 8,18-Nle-34-Tyr-
(SY) bovine parathyroid hormone (1-34)amide Nle(8,18), Tyr(34)
(SY) 8,18-Nle-34-Tyr-bovine parathyroid hormone (1-34) amide
(SY) 8,18-norleucyl-34-tyrosine bovine parathyroid hormone (1-34) amide
(SY) bovine parathyroid hormone (1-34) amide, 8,18-norleucyl-34-tyrosine-
(SY) 8,18-Nle-34-Tyr-bPTH (1-34) amide
(HM) *PARATHYROID HORMONES
(HM) *PEPTIDE FRAGMENTS
(II) HORMONES, SYNTHETIC

bovine parathyroid hormone (3-34) amide, 8,18-Nle-34-Tyr-
(RN) 64297-16-1
(SY) (Nle-8, Nle-18, Tyr-34) bPTH-(3-34) amide
(SY) SbPTH-(3-34)-A
(SY) bovine parathyroid hormone (3-34) amide, 8,18-norleucyl-34-tyrosine-
(SY) 8,18-norleucyl-34-tyrosine bovine parathyroid hormone (3-34) amide
(SY) bPTH (3-34) amide, 8,18-Nle-34-Tyr-
(SY) 8,18-Nle-34-Tyr-bovine parathyroid hormone (3-34) amide
(SY) 8,18-Nle-34-Tyr-bPTH (3-34) amide
(HM) *PARATHYROID HORMONES
(HM) *PEPTIDE FRAGMENTS
(NO) substituted bovine parathyroid hormone fragment; inhibits bPTH (1-84)-stimulated adenylate cyclase

bovine parathyroid hormone (1-34) amide, 8,18-norleucyl-34-tyrosine- see bovine parathyroid hormone (1-34) amide, 8,18-Nle-34- Tyr-

bovine parathyroid hormone (3-34) amide, 8,18-norleucyl-34-tyrosine- see bovine parathyroid hormone (3-34) amide, 8,18-Nle-34- Tyr-

bovine parathyroid hormone (7-34) amide, 34-tyrosine- see bovine parathyroid hormone (7-34) amide, 34-Tyr-

bovine parathyroid hormone (7-34) amide, 34-Tyr-
(RN) 71539-01-0
(SY) bovine parathyroid hormone (7-34) amide, 34-tyrosine-
(SY) 34-Tyr-bovine parathyroid hormone (7-34) amide
(SY) 34-tyrosyl-bovine parathyroid hormone amide
(SY) 34-Tyr-bPTH (7-34) amide
(SY) bPTH (7-34) amide, 34-Tyr-
(SY) parathyroid hormone (7-34) amide, 34-Tyr-
(SY) NTA-(7-34)
(HM) *PARATHYROID HORMONES
(HM) *PEPTIDE FRAGMENTS
(PA) PARATHYROID HORMONES/antag
(II) HORMONES, SYNTHETIC

bovine parathyroid hormone (1-34)
(RN) 12583-68-5
(SY) synthetic amino-terminal parathyroid hormone
(SY) bPTH (1-34)
(SY) bPTH(1-34)
(HM) *PARATHYROID HORMONES
(HM) *PEPTIDE FRAGMENTS
(II) HORMONES, SYNTHETIC
(NO) has different amino acid configuration from that of the same hormone peptide from humans

bovine parathyroid hormone (3-34)
(RN) 51257-86-4
(SY) bPTH (3-34)
(HM) *PARATHYROID HORMONES
(HM) *PEPTIDE FRAGMENTS

bovine parathyroid hormone (35-84)
(RN) 88394-46-1
(SY) bPTH (35-84)
(HM) *PEPTIDE FRAGMENTS
(HM) *PARATHYROID HORMONES

bovine serum albumin-dextran conjugate
(SY) BSA-dextran conjugate
(SY) BSADC
(HM) *SERUM ALBUMIN
(HM) *DEXTRANS

bovine serum albumin-galactose(39)
(SY) Gal(39)-BSA
(SY) Gal-BSA
(SY) galactosyl-BSA
(HM) *GALACTOSE
(HM) *SERUM ALBUMIN, BOVINE

boxidine
(RN) 10355-14-3
(RR) 23239-86-3 (HCl)
(HM) *PYRROLIDINES
(PA) ANTICHOLESTEREMIC AGENTS
(NO) inhibits the transformation of 7-dehydrocholesterol to cholesterol & also inhibits sterol absorption; minor descriptor (75-83); on-line & Index Medicus search PYROLLIDINES (75-83); RN given refers to parent cpd; structure

BO1 see antigen Boston 1

BPAAP see benzoylphenylalanyl-alanyl-proline

4-BPAA see 4-butoxyphenylacetamide

BPDB-dirhenium see bis(mu-propionato)diaquatetrabromodirhenium (III)

BPDE-dG see 7,8-dihydroxy-9,10-epoxy-7,8,9,10-tetrahydrobenzo(a) pyrene-10-deoxyguanosine

BPDE-DNA see benzo(a)pyrene-7,8-dihydrodiol-9,10-epoxide-DNA

BP-7,8 diol see benzo(a)pyrene 7,8-dihydrodiol

BPE disaccharide see 2-amino-6-O-(2-amino-2-deoxy-glucopyranosyl)-2-deoxyglucose

BPGP see N-benzoylphenylalanyl-glycyl-proline

BP-m(7)GTP see gamma-(4-(benzoylphenyl)methylamido)-7-methylguanosine-5'-triphosphate

BP-IDA see 4,5,6,7-tetrabromo-2-cresolphthalein-3'-methyliminodiacetic acid

BPI protein see bactericidal permeability increasing protein

BPLL see butyloxycarbonyl-phenylalanyl-leucyl-lysine

BPM see bipiperidyl mustard

BP-MAL see N-(4-(2-benzimidazolyl)phenyl)maleimide

BPMC
(RN) 3766-81-2
(SY) 2-(1-methylpropyl)phenyl methylcarbamate
(SY) o-sec-butylphenyl N-methylcarbamate
(HM) *CARBAMATES
(PA) INSECTICIDES, CARBAMATE
(PA) HERBICIDES, CARBAMATE
(NO) structure

BPO-oligolysine see benzylpenicilloyl-polylysine

BPPA see butyloxycarbonyl-phenylalanyl-prolyl-arginine

BP-PhetRNA see tRNA, 3-(4-benzoylphenyl)propionyl-phenylalanine-

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BPPL see
butyloxycarbonyl-phenylalanyl-phenylalanyl-lysine

BP-PL see benzylpenicilloyl-polylysine

BPPP-CSSAA see
2,3-bis(palmitoyloxy)-2-propyl-N-palmitoyl-cysteinyl-seryl-seryl-asparaginyl-alanine

BPP1 see bradykinin potentiating factors

BP-3,6-quinol-DGL see benzo(a)pyrene-3,6-quinol diglucuronide

BP-3,6-quinol-GL see benzo(a)pyrene-3,6-quinol monoglucuronide

B-protein see L-aspartate oxidase

B protein, coliphage M13 coat see M13 coat protein

B50 protein see B-50 protein

B-50 protein
(SY) B 50 protein
(SY) B50 protein
(HM) *NERVE TISSUE PROTEINS
(NO) brain-specific protein

B 50 protein see B-50 protein

7-BPTAN see
7-benzyl-9-phenyl-3-thia-7-azabicyclo(3.3.1)nonan-9-ol

bPTH (1-34) amide, 8,18-Nle-34-Tyr- see bovine parathyroid hormone (1-34) amide, 8,18-Nle-34- Tyr-

bPTH (3-34) amide, 8,18-Nle-34-Tyr- see bovine parathyroid hormone (3-34) amide, 8,18-Nle-34- Tyr-

bPTH (7-34) amide, 34-Tyr- see bovine parathyroid hormone (7-34) amide, 34-Tyr-

bPTH (1-30) see parathyroid hormone (1-30)

bPTH (1-34) see bovine parathyroid hormone (1-34)

bPTH(1-34) see bovine parathyroid hormone (1-34)

bPTH (3-34) see bovine parathyroid hormone (3-34)

bPTH (35-84) see bovine parathyroid hormone (35-84)

BPTMA see 3-bromopropyltrimethylammonium bromide

BPTSE see 4'-bromophenacyl triflate

Bp-3-g see benzo(a)pyrene-3-O-glucuronide

BP 32 see benzopyrene carrier protein

BP32 see benzopyrene carrier protein

1,4-BQDM see 1,4-benzoquinone-2,5-dimustard

5-BQDP see 5-(4-benzoquinonyl)-2'-deoxyuridine 5'-phosphate

BQNB see 1-benzilic-4,4'-quinuclidinyl benzilate

BQ 22708 see BQ 22-708

BQ 22-708
(RN) 39715-02-1
(RR) 76788-95-9 (unspecified methanesulfonate)
(RR) 65322-72-7 (mono-methanesulfonate)
(SY) Endralazin6-benzoyl-3-hydrazino-5,6,7,8-tetrahydropyrido- (4,3-c)pyridazine mesylate
(SY) Miretilan
(SY) endralazine
(SY) BQ 22708
(HM) *PYRIDAZINES
(PA) ANTIHYPERTENSIVE AGENTS
(PA) VASODILATOR AGENTS
(NO) RN given refers to parent cpd

BrAAM see bromoacetylalprenololmenthane

Br-AAM-pindolol
(SY)
1-(1-bromoacetylamino-2-methyl-2-propylamino)-3-(1H-indol-4-yloxy)-2-propanol
(HM) PINDOLOL/*analogs
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS
(NO) structure given in first source

Bracen see xibornol

BrAcTFMPP see
1-(2-(3-bromoacetamidophenyl)ethyl)-4-(3-trifluoromethylphenyl)piperazine

bradilan see nicofuranose

Bradofen see Bradophen

Bradophen
(RN) 19379-90-9
(SY) Bradofen
(SY) N-benzyl-N-dodecylbis-(beta-hydroxyethyl) ammonium chloride
(SY) dodecyl di-(beta-hydroxyethyl)benzylammonium
(SY) Bactofen
(SY) D-301
(SY) Absonal
(HM) *BENZALKONIUM COMPOUNDS
(PA) ANTIVIRAL AGENTS
(PA) ANTI-INFECTIVE AGENTS, LOCAL
(II) DISINFECTANTS
(NO) structure

bradykinin chloromethyl ketone
(RN) 86807-97-8
(HM) BRADYKININ/*analogs
(HM) *AMINO ACID CHLOROMETHYL KETONES

bradykinin, cyclo-(N(epsilon-1)-Lys(1), Gly(6)) see bradykinin, cyclo(N-(epsilon-1)-1-Lys-6-Gly)-

bradykinin, cyclo(N-(epsilon-1)-1-Lys-6-Gly)-
(RN) 71685-02-4
(SY) cyclo-(lysylglycine-bradykinin)
(SY) CLGB
(SY) bradykinin, cyclo(N-(epsilon-1)-1-lysyl-6-glycine-
(SY) cyclo(N-(epsilon-1)-1-lysyl-6-glycine bradykinin
(SY) cyclo(N-(epsilon-1)-1-Lys-6-Gly-bradykinin
(SY) bradykinin, cyclo-(N(epsilon-1)-Lys(1), Gly(6))
(HM) BRADYKININ/*analogs

bradykinin, cyclo(N-(epsilon-1)-1-lysyl-6-glycine- see bradykinin, cyclo(N-(epsilon-1)-1-Lys-6-Gly)-

bradykinin, 9-desarginine- see bradykinin, 9-des-Arg-

bradykinin, 9-des-Arg-
(RN) 15958-92-6
(RR) 23827-91-0 (monoacetate salt)
(RR) 23827-71-6 (diacetate salt)
(SY) des-arg(9)-BK
(SY) de-arg(9)-bradykinin
(SY) bradykinin, 9-desarginine-
(SY) 9-des-Arg-bradykinin
(SY) 9-desarginine bradykinin
(SY) des-arg(9)-bradykinin
(HM) BRADYKININ/*analogs
(NO) RN given refers to parent cpd

bradykinin kininase
(RN) EC 3.4.99.-
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) splits bradykinin at the Phe5-Ser6 bond

bradykinin, methionyl-lysine- see bradykinin, Met-Lys-

bradykinin, Met-Lys-
(RN) 550-19-6
(SY) bradykinin, methionyl-lysine-
(SY) Met-Lys-bradykinin
(SY) methionyl-lysine bradykinin
(HM) BRADYKININ/*analogs

bradykininogen
(RN) 12642-94-3
(HM) *BRADYKININ
(HM) *PROTEIN PRECURSORS

bradykinin potentiating factors
(SY) kinin potentiating factor
(SY) bradykinin potentiating factors, salivary gland
(SY) PCA-Lys-Trp-Ala-Pro
(SY) PCA-Trp-Pro-Arg-Pro-Gln-Ile-Pro-Pro
(SY) Val-Glu-Ser-Ser-Lys
(SY) bradykinin potentiating peptide BPP1
(SY) BPP1
(HM) *OLIGOPEPTIDES
(II) BRADYKININ
(II) CROTALID VENOMS
(NO) pentapeptide is more effective (PCA-Lys-Trp-Ala-Pro); BPP1 from Agkistrodon halys pallas venom

bradykinin potentiating factors, salivary gland see bradykinin potentiating factors

bradykinin potentiating peptide BPP1 see bradykinin potentiating factors

bradykinin potentiator B, 2-L-tryptophan-3-de-L-leucine-4-de-L-proline-8-L-glutamine see angiotensin II converting enzyme inhibitor

bradykinin receptor see kinin receptor

bradykinin receptors see kinin receptor

bradykinin, Tyr-
(SY) Tyr-bradykinin
(SY) tyrosine bradykinin
(SY) bradykinin, tyrosine-
(HM) BRADYKININ/*analogs

bradykinin, tyrosine- see bradykinin, Tyr-

bradykinin 7-9 see bradykinin(7-9)

bradykinin(7-9)
(SY) bradykinin (7-9)
(SY) bradykinin 7-9
(HM) *BRADYKININ
(HM) *PEPTIDE FRAGMENTS

bradykinin (7-9) see bradykinin(7-9)

Bradyl 250 see nadoxolol

1,5-Br-AEDANS see
N-bromoacetyl-N'-(1-sulfo-5-naphthyl)ethylenediamine

brain actin depolymerizing protein see actin depolymerizing proteins

brain glycoprotein NSA 3
(SY) brain glycoprotein NSA3
(SY) glycoprotein cerebral ANS3
(HM) *NERVE TISSUE PROTEINS

brain glycoprotein NSA3 see brain glycoprotein NSA 3

brain growth promoting activity see brain trophin

brain protein F1 see phosphoprotein F1

brain protein 14-3-3 see 14-3-3 protein

brain-specific neuronal polypeptide 1B-236 see 1B236 polypeptide

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brain-specific protein D1 see nervous system specific protein D1

brain-specific protein D2 see nervous system specific protein D2

brain-specific protein D3 see nervous tissue specific protein D3

brain spectrin-like protein see spectrin-like protein, subcellular organelle

brain trophin
(SY) brain growth promoting activity
(HM) *GROWTH SUBSTANCES

brain tubulin modulator see tubulin polymerization inhibitor

Br-1-ALPM see 1-(2-allylphenoxy)-3-((8-bromoacetylamino-4-menthane-1-yl)amino)-1-propanol

Br-8-ALPM see 1-(2-allylphenoxy)-3-((1-bromoacetylamino-4-menthane-8-yl)amino)-2-propanol

bran see wheat bran

BRANA see Bridge anticoagulant neutralizing agent

branched chain alpha-keto acid decarboxylase see 2-oxoisovalerate dehydrogenase (lipoamide)

branched chain alpha-keto acid dehydrogenase complex see 2-oxoisovalerate dehydrogenase (lipoamide)

branched-chain alpha-keto acid dehydrogenase phosphatase see branched chain 2-oxoacid dehydrogenase kinase

branched chain amino acid aminotransferase
(RN) EC 2.6.1.42
(RR) 9054-65-3 (CRN)
(SY) branched chain amino acid transaminase
(SY) branched-chain aminotransferases
(SY) transaminase B
(HM) *AMINOTRANSFERASES

branched chain amino acid dehydrogenase see leucine dehydrogenase

branched chain amino acid transaminase see branched chain amino acid aminotransferase

branched-chain aminotransferases see branched chain amino acid aminotransferase

branched chain ketoacid dehydrogenase see 2-oxoisovalerate dehydrogenase (lipoamide)

branched chain 2-ketoacid dehydrogenase kinase see branched chain 2-oxoacid dehydrogenase kinase

branched-chain oxo-acid dehydrogenase see 2-oxoisovalerate dehydrogenase (lipoamide)

branched-chain 2-oxoacid dehydrogenase complex see 2-oxoisovalerate dehydrogenase (lipoamide)

branched chain 2-oxoacid dehydrogenase kinase
(RN) EC 2.7.1.-
(SY) branched chain 2-ketoacid dehydrogenase kinase
(SY) 2-OA-dehydrogenase kinase
(SY) branched-chain alpha-keto acid dehydrogenase phosphatase
(HM) *PROTEIN KINASES
(NO) acts on 2-oxoisovalerate dehydrogenase (lipoamide) EC 1.2.4.4

branched-chain 2-oxo acid dehydrogenase see 2-oxoisovalerate dehydrogenase (lipoamide)

branched lactosaminoglycan see lactosaminoglycan

3-Br-Ara-U see 1-(3'-bromo-3'-deoxyarabinofuranosyl)uracil

brassicasterol
(RN) 474-67-9
(SY) 24 beta-methylcholesta-5,22-dien-3 beta-ol
(HM) *CHOLESTADIENOLS

brassicol see quintozene

brassinolide
(RN) 72962-43-7
(RR) 78821-43-9 ((2alpha,3alpha,5alpha,22R,23R)-isomer)
(RR) 78821-42-8 ((2alpha,3alpha,5alpha,22S,23S)-isomer)
(SY) 2alpha,3alpha,22alpha,23alpha-tetrahydroxy-24alpha-methyl-B-homo-7-oxa-5alpha-cholestan-6-one
(HM) *STEROIDS, HETEROCYCLIC
(HM) *CHOLESTANOLS
(II) PLANT GROWTH REGULATORS
(NO) plant growth promoting steroidal lactone from rape pollen; RN given refers to (2alpha,3alpha,5alpha,22R,23R,24S)-isomer; structure in first source

Bratenol see pirifibrate

BrAuPEt3 see triethylphosphine gold bromide

Bravo see tetrachloroisophthalonitrile

brazilin
(RN) 474-07-7
(HM) *BENZOPYRANS
(NO) structure given in first source

Brazil wax see carnauba wax

75Br-brombenperidol see brombenperidol

77Br-brombenperidol see brombenperidol

Br CGMP see 8-bromocyclic GMP

8-Br-cyclic GMP see 8-bromocyclic GMP

BrdUTP see bromodeoxyuridine triphosphate

breast cancer protein, estrogen-regulated see estrogen regulated protein

bredinin
(RN) 50924-49-7
(SY) mizoribine
(HM) *RIBONUCLEOSIDES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(PA) IMMUNOSUPPRESSIVE AGENTS
(PA) ANTIBIOTICS
(NO) imidazole nucleoside with immunosuppressive activity isolated from culture filtrate of Eupenicillium brefeldianum; structure

brefeldin A
(RN) 84277-18-9
(RR) 20350-15-6 ((1R-(1R*,2E,6S*,10E,11aS*,13S*,14aR*))-isomer)
(SY) cyanein
(SY) decumbin
(SY) synergisidin
(HM) *CYCLOPENTANES
(PA) ANTIBIOTICS
(PA) ANTIBIOTICS, ANTIFUNGAL
(II) MYCOTOXINS
(II) DRUG SYNERGISM
(NO) showed strong synergistic effects against Candida when added to econazole, miconazole, or clotrimazile; RN given refers to cpd without isomeric designation

brefeldin C
(RN) 73899-78-2
(HM) CYCLOPENTANES
(PA) ANTIBIOTICS, ANTIFUNGAL
(NO) prepared from brefeldin A; structure given in first source

bremazocine
(RN) 75684-07-0
(RR) 83829-76-9 ((+-)-isomer)
(RR) 75684-08-1 ((2S)-isomer)
(RR) 75554-03-9 (HCl(+-)-isomer)
(RR) 74100-60-0 (HCl(2R)-isomer)
(SY) 2-(1-hydroxy-cyclopropylmethyl)-5-ethyl-9,9-dimethyl-2'-hydroxy-6,7-benzomorphan
(HM) *BENZOMORPHANS
(PA) ANALGESICS
(NO) potent, log-acting opiate kappa-agonist & centrally acting analgesic; RN given refers to (2R)-isomer; RN for cpd without isomeric designation not in Chemline 1/4/84; structure given in first source

Bretschneider cardioplegic solution
(HM) *PROCAINE
(HM) *POTASSIUM CHLORIDE
(HM) *GLUCOSE
(HM) *MANNITOL
(II) HYPERTONIC SOLUTIONS
(II) HEART ARREST, INDUCED
(NO) cardioplegic hypertonic solution of procaine Cl, KCl, glucose & mannitol

bretylium
(RN) 59-41-6
(RR) 3170-72-7 (bromide)
(RR) 1976-21-2 (iodide)
(HM) *BRETYLIUM COMPOUNDS
(NO) RN given refers to parent cpd

brevenal see thiobutabarbital

brevetoxin B
(RN) 79580-28-2
(HM) *MARINE TOXINS
(II) DINOFLAGELLIDA
(NO) from dinoflagellate Gymnodinium breve

brevetoxin T17
(RN) 85079-48-7
(SY) brevetoxin T-17
(SY) T17 toxin
(HM) *MARINE TOXINS
(PA) NEUROMUSCULAR BLOCKING AGENTS
(II) DINOFLAGELLIDA
(NO) from Florida red tide organism Ptychodiscus brevis; neuromuscular blocking action; structure given in first source

brevetoxin T-17 see brevetoxin T17

brevetoxin T34 see T34 toxin

brevicomin
(RN) 20290-99-7
(RR) 64313-75-3 ((1S-exo)-isomer)
(RR) 22625-19-0 ((1R-endo)-isomer)
(HM) *BICYCLO COMPOUNDS
(II) PHEROMONES
(NO) RN given refers to (1R-exo)-isomer; RN for cpd without isomeric designation not in Chemline 1/4/84; structure

brevin see actin-binding protein

brevinarcon see thiobutabarbital

Brevlon see Modicon

8-BrG-2P see 8-bromoguanosine 2'-phosphate

8-BrG-3P see 8-bromoguanosine 3'-phosphate

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5-Br-HBED see N,N'-bis(5-bromo-2-hydroxybenzyl)ethylenediamine diacetic acid

Bridge anticoagulant neutralizing agent
(SY) BRANA
(HM) *COAGULANTS
(II) BLOOD COAGULATION/drug eff
(NO) increases markedly the level of circulating Factor VIII when infused with Factor VIII into hemophilic subject; obtained from donor plasma; clinical trials on material is planned; no other info available

bridge peptide, dynorphin see dynorphin bridge peptide

Brij 35 see polidocanol

Brij 92 see polyethylene glycol oleyl ether

Brij 98 see polyethylene glycol oleyl ether

brilliant blue
(RN) 25305-78-6
(RR) 25305-78-6 (Al[3:1] salt)
(RR) 68921-42-6 (unspecified Al salt)
(RR) 71701-18-3 (di-K salt)
(RR) 71701-19-4 (K.Na salt)
(RR) 3844-45-9 (di-Na salt)
(RR) 2650-18-2 (di-NH4 salt)
(SY) acid blue 9
(SY) food blue 2
(SY) C.I. 42090
(SY) FD&C No. 2
(HM) *BENZENESULFONATES
(II) DYES
(NO) coal tar derivative food dye; used as the di-NH4 or di-Na salts; RN given refers to parent cpd

Brilliant Cresyl Blue
(RN) 4712-70-3
(SY) cresyl blue
(HM) *OXAZINES
(II) DYES
(II) STAINS AND STAINING
(NO) structure

brilliant green
(RN) 633-03-4
(SY) (4-(4-(diethylamino)-alpha-phenylbenzylidene)-2,5-cyclohexadien-1-ylidene)diethylammonium sulfate
(SY) (4-(p-(diethylamino)-alpha-phenylbenzylidene)-2,5-cyclohexadien-1-ylidene)diethylammonium sulfate
(HM) *AMMONIUM COMPOUNDS
(PA) ANTI-INFECTIVE AGENTS, LOCAL
(II) DYES
(II) STAINS AND STAINING
(NO) RN given refers to sulfate; RN for parent cpd not in Chemline 8/11/83; structure in Merck Index, 9th ed, #1378

brilliant sulfaflavine
(RN) 2391-30-2
(SY) C.I. 56205
(HM) *ISOQUINOLINES
(II) DYES

brimox see andursil

Brinerdine see Briserin

Briserin
(RN) 55128-93-3
(SY) Brinerdine
(HM) *DIHYDROERGOCRISTINE
(HM) *RESERPINE
(HM) *CLOPAMIDE
(HM) DRUG COMBINATIONS
(PA) ANTIHYPERTENSIVE AGENTS
(NO) contains dihydroergocristine; reserpine; clopamide

BRL 10833 see nivimedone

BRL 14777 see nabumetone

BRL 17421 see temocillin

BRL 20459
(SY) BRL-20459
(SY) 4 alpha-beta-methyl-6 beta-(3'-oxobutyl)-2,3,4,4a,5,6,7,8-octahydro-2-naphthalenone
(HM) *NAPHTHALENES
(PA) ANTI-INFLAMMATORY AGENTS, TOPICAL
(NO) does not inhibit UV-induced erythema in guinea pig or prostaglandin synthesis; structure given in first source

BRL-20459 see BRL 20459

BRL 20596
(RN) 69082-47-9
(RR) 69082-48-0 (di-HCl)
(SY) BRL-20596
(SY) N-(4-amino-5-chloro-2-methoxyphenyl)-1-(phenylmethyl)-4-piperidinecarboxamide
(HM) *ISONIPECOTIC ACIDS
(PA) PSYCHOTROPIC DRUGS
(II) GASTROINTESTINAL MOTILITY/drug eff
(NO) RN & structure given in first source; RN given refers to parent cpd; RN not in Chemline 12/21/83

BRL-20596 see BRL 20596

BRL 22321
(RN) 84779-13-5
(SY) BRL-22321A
(SY) 4,9-dihydro-6,7-dimethyl-4,9-dioxo-1H-naphtho(2,3-d)-v-triazole
(HM) *TRIAZOLES
(PA) HISTAMINE H1 RECEPTOR BLOCKADERS
(NO) structure given in first source

BRL-22321A see BRL 22321

BRL-25000 see BRL 25000

BRL 25000
(RN) 74469-00-4
(SY) BRL 25,000
(SY) Augmentin (antibacterial)
(SY) BRL-25000
(SY) synulox
(HM) *AMOXICILLIN
(HM) DRUG COMBINATIONS
(HM) *CLAVULANIC ACIDS
(NO) broad-spectrum antibacterial, especially on resistant strains; oral alternative to aminoglycoside & beta-lactam antibiotic combinations; RN given refers to amoxicillin trihydrate & K clavulanate combination (BRL 25000); Augmentin (antibacterial) is for combination of parent cpds; do not confuse with Augmentin, synonym for tiformin HCl

BRL 25,000 see BRL 25000

BRL 26314
(SY) BRL-26314
(SY) N-(4-chlorobenzyl)phenylalanine
(SY) N-(para-chlorobenzyl)-L-phenylalanine
(HM) PHENYLALANINE/*analogs
(PA) ANTILIPEMIC AGENTS
(NO) elevates HDL-cholesterol in rats; structure given in first source

BRL-26314 see BRL 26314

BRL 26830 see BRL 26830A

BRL 26830A
(RN) 87857-42-9
(SY) BRL-26830A
(SY) methyl 4-(2-((2-hydroxy-2-phenethyl)amino) propyl)benzoate-2-butanedioate
(SY) BRL 26830
(HM) *ETHANOLAMINES
(PA) ADRENERGIC BETA RECEPTOR AGONISTS
(PA) HYPOGLYCEMIC AGENTS
(NO) structure given in first source

BRL-26830A see BRL 26830A

BRL 26920
(RN) 82905-02-0
(SY) BRL-26920
(SY) 4-anisoyl activator-free plasmin
(HM) *FIBRINOLYSIN
(PA) FIBRINOLYTIC AGENTS

BRL-26920 see BRL 26920

BRL-26921 see BRL 26921

BRL 26921
(RN) 81669-57-0
(SY) p-anisoylated streptokinase-plasminogen complex
(SY) BRL-26921
(HM) *STREPTOKINASE
(HM) *PLASMINOGEN
(PA) FIBRINOLYTIC AGENTS

BRL 28410
(SY) BRL-28410
(HM) *ETHANOLAMINES
(PA) ADRENERGIC BETA RECEPTOR AGONISTS
(NO) structure given in first source

BRL-28410 see BRL 28410

BRL-28500 see timentin

BRL 28500 see timentin

BRL 30892
(RN) 57076-71-8
(SY) BRL-30892
(SY) 7-(2'-oxopropyl)-1,3-di-n-butylxanthine
(HM) *PURINONES
(NO) structure given in first source

BRL-30892 see BRL 30892

BRL 31660
(SY) BRL-31660
(SY) N-(2-(alpha-naphthalenesulfonamide)ethyl)-2,4-dimethylpyrrolidine
(HM) *PYRROLIDINES
(PA) ANTI-ARRHYTHMIA AGENTS
(NO) structure given in first source

BRL-31660 see BRL 31660

BRL-33575 see BRL 33575

BRL 33575
(SY) 4-aminobenzoyl-streptokinase-(Lys)-plasminogen complex
(SY) BRL-33575
(HM) *STREPTOKINASE
(HM) *PLASMINOGEN
(PA) FIBRINOLYTIC AGENTS

BRL 36650
(SY) BRL-36650
(SY) sodium 6 beta-(D-2-(4-ethyl-2,3-dioxopiperazine-1-yl)carbonylamino)-2-(3,4-dihydroxyphenyl) acetamido)-6 alpha-formamido-penicillinate
(HM) *PENICILLINS
(NO) semisynthetic penicillin derivative; structure given in first source

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BRL-36650 see BRL 36650

BRL 4664 see BRL-4664

BRL-4664
(RN) 16985-03-8
(SY) 7-(1,2-dimethylheptyl)-2,2-dimethyl-4-(4-pyridinyl)-2H-1-benzopyran-5-ol
(SY) nonabine
(SY) BRL 4664
(HM) *BENZOPYRANS
(PA) ANTIEMETICS
(NO) structure given in first source

BRL 50216 see clociguanil

BRL-51084 see BRL 6231

BRL 51084 see BRL 6231

BRL 5907
(RN) 51176-95-5
(SY) BRL-5907
(HM) *RNA, VIRAL
(PA) ANTINEOPLASTIC AGENTS
(PA) INTERFERON INDUCERS
(NO) double-stranded RNA isolated from mycophage used in chemotherapy of lung neoplasms

BRL-5907 see BRL 5907

BRL 6231
(RN) 47326-86-3
(RR) 30737-44-1 (mono-HBr)
(RR) 51542-25-7 (unspecified HCl)
(RR) 30711-93-4 (HCl)
(SY) 4,6-diamino-1,2-dihydro-2,2-dimethyl-1-(2,4,5-trichlorophenoxypropyloxy)-1,3,5-triazine.HCl
(SY) BRL 51084
(SY) WR-99210
(SY) BRL-51084
(SY) WR 99210
(HM) *TRIAZINES
(PA) ANTIMALARIALS
(NO) RN given refers to parent cpd; NM & N1 refer to HCl; synonym BRL 51084 refers to (mono-HBr); structure

3-Br-Me-menadione see 3-bromomethylmenadione

Br-MPNU see 1-methyl-3-(4-bromophenyl)-1-nitrosourea

Br-MPU see 1-methyl-3-(4-bromophenyl)urea

broadcillin
(RN) 8067-85-4
(SY) ampiox
(HM) *OXACILLIN
(HM) *AMPICILLIN
(HM) DRUG COMBINATIONS
(NO) combination drug containing above two cpds

brobenzoxaldine see Broxaldine

brodifacoum see bromfenacoum

brodimoprim
(RN) 56518-41-3
(SY) Ro-10-5970
(SY) 2,4-diamino-5-(4-bromo-3,5-dimethoxybenzyl) pyrimidine
(SY) Ro 10-5970
(HM) TRIMETHOPRIM/*analogs

brofaremine see CGP 11305 A

Br-OHPP see 2-bromo-(4-hydroxyphenyl)-1-propene

brolitene
(RN) 6961-46-2
(SY) LCB 29
(SY) N-(2-hydroxyethyl)cinnamide
(SY) idrocilamide
(HM) *ETHANOLAMINES
(PA) MUSCLE RELAXANTS, CENTRAL
(NO) structure

bromacil
(RN) 314-40-9
(RR) 69484-12-4 (Na salt)
(SY) hyvar X
(HM) BROMOURACIL/*analogs
(PA) HERBICIDES
(NO) RN given refers to parent cpd; structure

bromadiolone
(RN) 28772-56-7
(HM) *4-HYDROXYCOUMARINS
(PA) ANTICOAGULANTS
(PA) RODENTICIDES

bromadoline
(RN) 67579-24-2
(RR) 81447-81-6 (maleate)
(SY) 4-bromo-N-(2-(dimethylamino)cyclohexyl)benzamide
(HM) *BENZAMIDES
(HM) *CYCLOHEXYLAMINES
(PA) ANALGESICS
(NO) RN from USAN 1985; RN not in Chemline 7/85; structure given in first source

bromazine see bromodiphenhydramine

brombenperidol
(RN) 91433-73-7
(SY) 75Br-brombenperidol
(SY) 77Br-brombenperidol
(HM) BENPERIDOL/*analogs
(NO) used for in-vivo mapping of cerebral dopamine receptor areas; RN given from Toxline; RN not in Chemline 11/84; structure given in first source

bromethalin
(RN) 63333-35-7
(SY) EL 614
(SY) EL-614
(HM) *ANILINE COMPOUNDS
(PA) RODENTICIDES

bromfenacoum
(RN) 56073-10-0
(SY) 3-(3-(4'-bromobiphenyl-4-yl)-1,2,3,4-tetrahydronaphth-1-yl)-4-hydroxycoumarin
(SY) brodifacoum
(SY) WBA 8119
(SY) Talon-G
(SY) Talon
(SY) Ratak
(HM) *4-HYDROXYCOUMARINS
(PA) RODENTICIDES

bromfenvinphos
(RN) 33399-00-7
(RR) 5850-14-6 ((E)-isomer)
(RR) 58580-13-5 ((Z)-isomer)
(SY) IPO-62
(SY) bromphenvinphos
(SY) ethylbromfenvinfos
(SY) ethylbromphenvinphos
(SY) ethylbromphenvinfos
(SY) 2-bromo-1-(2,4-dichlorophenyl)vinyl-O,O-diethylphosphate
(HM) *CHLORFENVINPHOS/analogs
(PA) INSECTICIDES, ORGANOPHOSPHATE
(NO) RN given refers to cpd without isomeric designation; structure

bromicide see di-halo

bromide mucin fragment see 3-O-(2-acetamido-4,6-di-O-acetyl-2-deoxy-3-O-(2,3,4,6-tetra-O-acetyl-beta-galactopyranosyl)-beta-glucopyranosyl)-2,4,6-tri-O-acetyl-alpha- galactopyranosyl bromide

bromide peroxidase
(RN) EC 1.11.1.-
(SY) bromoperoxidase
(HM) *PEROXIDASES

bromine chloride
(RN) 13863-41-7
(HM) *BROMIDES
(HM) *CHLORIDES
(NO) alternative to chlorine for municipal waste disinfection

5-bromisatin see 5-bromoisatin

bromoacetaldehyde
(RN) 17157-48-1
(RR) 72437-84-4 (2-(14)C-labeled cpd)
(HM) ACETALDEHYDE/*analogs
(NO) RN given refers to unlabeled cpd

N-bromoacetamide
(RN) 79-15-2
(HM) *ACETAMIDES

2-bromoacetamide-4-nitrophenol
(RN) 3947-58-8
(HM) *NITROPHENOLS

2-(4-bromoacetamido)anilino-2-deoxypentitol 1,5-biphosphate
(SY) BAADBP
(HM) *SUGAR PHOSPHATES
(II) AFFINITY LABELS
(NO) affinity label for ribulose biphosphate carboxylase/oxygenase; structure given in first source

4-(bromoacetamido)benzylcarazolol
(SY) para-(bromoacetamidyl)benzylcarazolol
(SY) pBABC
(HM) *PROPANOLAMINES
(II) AFFINITY LABELS
(NO) structure given in first source

1-(4-bromoacetamidobenzyl)EDTA
(SY) 1-(para-bromoacetamidobenzyl)EDTA
(SY) PBAB-EDTA
(SY) N-4-(2,3-bis(bis(carboxymethyl)amino)propyl) phenyl bromoacetamide
(HM) EDTA/*analogs
(II) CHELATING AGENTS
(NO) bifunctional chelating agent

6-(4-bromoacetamidobenzyl)-1,4,8,11-tetraazacyclotetradecane-N,N',N'',N'''-tetraacetic acid
(SY) BAB-TATA
(HM) *HETEROCYCLIC COMPOUNDS
(II) CHELATING AGENTS
(II) CROSS-LINKING REAGENTS

5'-bromoacetamido-5'-deoxyadenosine
(RN) 87932-45-4
(SY) 5-BADA
(HM) DEOXYADENOSINE/*analogs
(II) AFFINITY LABELS
(NO) structure given in first source

1-(2-bromoacetamidoethyl)-7-chloro-1,3-dihydro-5-(2-fluorophenyl)-2H-1,4-benzodiazepine-2-one see kenazepine

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1-(1'-bromoacetamido-2'-methyl-2'-isopropylamino)-3-indoloxy-2-propanol
(RN) 95778-69-1
(SY) Br-pindolol
(HM) PINDOLOL/*analogs
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS
(NO) structure given in first source

2-(2-(4-bromoacetamidophenyl)ethyl)-5,9 alpha-dimethyl-2'-hydroxy-6,7-benzomorphan
(RN) 88467-32-7
(SY) BAB benzomorphan
(HM) *BENZOMORPHANS
(II) AFFINITY LABELS
(NO) affinity label for opiate receptors

1-(2-(3-bromoacetamidophenyl)ethyl)-4-(3- trifluoromethylphenyl)piperazine
(SY) BrAcTFMPP
(HM) *PIPERAZINES
(II) SEROTONIN RECEPTORS/metab
(NO) struture given in first source

7-(4'-bromoacetamido)phenylthio-4-androstene-3,17-dione
(SY) BAPTA
(HM) ANDROSTENEDIONE/*analogs
(II) AFFINITY LABELS
(NO) structure given in first source

bromoacetate
(RN) 68-10-0
(SY) monobromoacetate
(SY) bromoacetic acid
(HM) *ACETIC ACIDS

bromoacetic acid see bromoacetate

bromoacetophenone see phenacyl bromide

3-bromoacetoxyestrone see estrone 3-bromoacetate

bromoacetylalprenololmenthane
(RN) 82870-40-4
(SY) M-75
(SY) BrAAM
(HM) ALPRENOLOL/*analogs
(PA) ADRENERGIC BETA RECEPTOR AGONISTS

N-(bromoacetylamino)cyanopindolol
(SY) BAM-CYP
(SY) 2-cyano-4-(2-hydroxy-3-(2-bromoacetamido-1,1-dimethylethylamino)propoxy)indole
(HM) PINDOLOL/*analogs
(II) AFFINITY LABELS
(II) RADIOISOTOPES
(NO) affinity label for beta-adrenergic receptor; iodinated with (125)I; structure given in first source

10-N-(bromoacetyl)amino-1-decyl-beta-D-glucopyranoside see 10-N-(bromoacetyl)amino-1-decylglucopyranoside

10-N-(bromoacetyl)amino-1-decylglucopyranoside
(SY) 10-N-(bromoacetyl)amino-1-decyl-beta-D-glucopyranoside
(SY) BADG
(HM) ACETYLGLUCOSAMINE/*analogs
(NO) high-affinity inhibitor of the renal sodium-glucose cotransporter

1-(1-bromoacetylamino-2-methyl-2-propylamino)-3-(1H-indol-4-yloxy)-2-propanol see Br-AAM-pindolol

2-bromoacetylaminopentitol 1,5-bisphosphate
(SY) BAAPBP
(HM) *PENTOSEPHOSPHATES
(II) AFFINITY LABELS
(NO) affinity label for ribulosebiphosphate carboxylase

bromoacetylarginine
(RN) 31373-68-9
(SY) bromoacetyl-D-arginine
(HM) ARGININE/*analogs
(PA) CARBOXYPEPTIDASES/antag
(NO) RN given refers to (D-Arg)-isomer; RN for cpd without isomeric designation not in Chemline 8/2/83

bromoacetyl-D-arginine see bromoacetylarginine

bromoacetylcarnitine
(RN) 10034-25-0
(RR) 19916-86-0 ((R)-isomer)
(RR) 7303-41-5 ((S)-isomer)
(RR) 7303-39-1 ((+-)-isomer)
(SY) carnitine bromoacetate
(HM) ACETYLCARNITINE/*analogs
(NO) RN given refers to cpd without isomeric designation

bromoacetylcholine
(RN) 66-23-9
(HM) ACETYLCHOLINE/*analogs

2-bromoacetyl-CoA see 2-bromoacetyl coenzyme A

2-bromoacetyl coenzyme A
(RN) 7303-38-0
(SY) 2-bromoacetyl-CoA
(SY) coenzyme A, 2-bromoacetyl
(HM) ACETYL COENZYME A/*analogs

N-bromoacetylethanolamine phosphate
(RN) 52011-43-5
(HM) *ETHANOLAMINES
(II) AFFINITY LABELS
(NO) affinity labeling reagent for aldolase & other enzymes; structure

N-bromoacetylglucosamine
(RN) 26944-26-3
(RR) 29086-03-1 ((beta)-isomer)
(SY) N-(bromoacetyl)-D-glucosamine
(SY) GLCNBRAC
(HM) ACETYLGLUCOSAMINE/*analogs
(PA) ALKYLATING AGENTS
(NO) inactivates bovine brain mitochopedrial hexokinase; RN given refers to cpd without isomeric designation

N-(bromoacetyl)-D-glucosamine see N-bromoacetylglucosamine

N-bromoacetylphenylalnaine-tRNA see tRNA, N-bromoacetylphenylalanine-

N-bromoacetylphenylalanyl-tRNA see tRNA, N-bromoacetylphenylalanine-

N-bromoacetyl-Phe-tRNA see tRNA, N-bromoacetylphenylalanine-

1-bromoacetylpyrene
(RN) 80480-15-5
(HM) *PYRENES
(II) FLUORESCENT DYES
(NO) structure given in first source

3-(2-bromoacetyl)pyridine
(RN) 6221-12-1
(RR) 17694-68-7 (HBr)
(HM) *PYRIDINES
(PA) GLUCOSE DEHYDROGENASES/antag
(NO) RN given refers to parent cpd

bromoacetylpyridoxamine
(RN) 54522-09-7
(HM) PYRIDOXAMINE/*analogs

N-bromoacetyl-N'-(1-sulfo-5-naphthyl) ethylenediamine
(RN) 87376-15-6
(SY) 1,5-Br-AEDANS
(HM) *NAPHTHALENESULFONATES
(II) FLUORESCENT DYES

N-bromoacetyl-L-thyroxine
(RN) 64379-24-4
(HM) THYROXINE/*analogs
(II) AFFINITY LABELS

N-bromoacetyl-3,3',5-triiodothyronine
(RN) 76970-94-0
(RR) 76970-95-1 ((D)-isomer)
(SY) N-bromoacetyl-3,3',5 triiodo-L-thyronine
(SY) N-bromoacetyl-T3
(HM) TRIIODOTHYRONINE/*analogs
(II) AFFINITY LABELS
(NO) RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 8/2/83

N-bromoacetyl-3,3',5-triiodo-L-thyronine see N-bromoacetyl-3,3',5-triiodothyronine

N-bromoacetyl-T3 see N-bromoacetyl-3,3',5-triiodothyronine

2-bromoacrolein
(RN) 14925-39-4
(HM) *ACROLEIN/analogs

5-(2-bromoallyl)-5-isopropyl-1-methylbarbituric acid see pronarcon

bromo-alpha, alpha, alpha, alpha-meso-tetrakis(2-pivalamidophenyl)porphyrin iron (III) see iron (III) alpha, alpha, alpha, alpha-tetrakis(2- pivalamidophenyl)porphyrin bromide

8-bromo-2'-AMP
(RN) 23583-49-5
(HM) ADENOSINE MONOPHOSPHATE/*analogs

6-bromoandrostenedione
(RN) 38632-00-7
(HM) ANDROSTENEDIONE/*analogs
(NO) RN given refers to (6beta)-isomer

1-N-(4-bromobenoyl)methyladamantylamine see 4-bromobenzoyl-methyladamantylamine

3-bromobenzaldehyde
(RN) 3132-99-8
(HM) *BENZALDEHYDES

7-bromobenzanthracene
(RN) 32795-86-9
(SY) 7-bromobenz(a)anthracene
(HM) *BENZANTHRACENES
(PA) CARCINOGENS

7-bromobenz(a)anthracene see 7-bromobenzanthracene

bromobenzene
(RN) 108-86-1
(RR) 52753-63-6 (14C-labeled cpd)
(HM) *BROMOBENZENES
(NO) RN given refers to parent cpd

bromobenzene 2,3-dihydrodiol see 3-bromo-3,5-cyclohexadiene-1,2-diol

bromobenzene-2,3-epoxide see bromobenzene 2,3-oxide

bromobenzene-3,4-epoxide see bromobenzene 3,4-oxide

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bromobenzene 2,3-oxide
(RN) 71942-12-6
(SY) bromobenzene-2,3-epoxide
(HM) *BROMOBENZENES
(NO) structure given in first source

bromobenzene 3,4-oxide
(RN) 51981-75-0
(SY) bromobenzene-3,4-epoxide
(HM) *BROMOBENZENES
(NO) structure given in first source

6-bromobenzo(a)pyrene
(RN) 21248-00-0
(HM) *BENZOPYRENES

p-bromobenzothiohydroximic S-diethylaminoethylate see diethyxime

4-bromobenzoyl-methyladamantylamine
(RN) 84269-98-7
(SY) 1-N-(para-bromobenzoyl)methyladamantylamine
(SY) BBMAA
(SY) 1-N-(4-bromobenoyl)methyladamantylamine
(HM) AMANTADINE/*analogs
(NO) myocardial K+ channel blocker; structure given in first source

1-(4-bromobenzoyl)piperazine-2,3-dicarboxylic acid
(SY) 1-BBPD
(HM) *PIPERAZINES
(PA) ANTICONVULSANTS
(NO) structure given in first source

S-(p-bromobenzyl)glutathione see S-(4-bromobenzyl)glutathione

S-(4-bromobenzyl)glutathione
(RN) 31702-37-1
(SY) S-(p-bromobenzyl)glutathione
(HM) GLUTATHIONE/*analogs
(NO) inhibits glyoxalase I

bromobimane see monobromobimane

1-(4'-bromo-4-biphenylyl)-1-(4-chlorophenyl)-3-dimethylaminoprop-1-ene
(RN) 49857-37-6
(RR) 81489-67-0 ((Z)-isomer)
(SY) BBCDA
(HM) *BIPHENYL COMPOUNDS
(PA) TRYPANOCIDAL AGENTS
(NO) RN given refers to (E)-isomer; RN for cpd without isomeric designation not in Chemline 1/4/84; structure given in first source

4-(4'-bromo(1,1'-biphenyl)-4-yl)-2,4-dioxobutanoic acid
(RN) 82760-77-8
(SY) 4-BBDB
(HM) *BUTYRIC ACIDS
(PA) ALCOHOL OXIDOREDUCTASES/antag
(NO) RN & structure from first source, RN not in Chemline 8/83

3-(3-(4'-bromobiphenyl-4-yl)-1,2,3,4-tetrahydronaphth-1-yl)-4-hydroxycoumarin see bromfenacoum

8-bromocaffeine see xanthobine

bromocarbamides
(HM) UREA/*analogs
(NO) ingredients in sleeping pills; induces purpura pigmentosa

4-bromocatechol
(RN) 17345-77-6
(HM) *CATECHOLS
(NO) metabolite of bromobenzene

8-bromo cGMP see 8-bromocyclic GMP

8-bromo-cGMP see 8-bromocyclic GMP

5-bromo-2'-chloro-2-aminobenzophenone
(RN) 60773-49-1
(SY) BCABP
(HM) *BENZOPHENONES
(NO) model of phenazepam hydroxylation; structure given in first source

2-bromo-2-chloro-1,1-difluoroethylene see 1,1-difluoro-2-bromo-2-chloroethylene

bromochlorodifluoromethane see halon 1211

1-bromo-3-chloro-5,5-dimethylhydantoin see di-halo

1-bromo-2-chloroethane
(RN) 107-04-0
(HM) *HYDROCARBONS, HALOGENATED
(HM) ETHANE/*analogs
(PA) MUTAGENS

7-bromo-6-chlorofebrifugine see halofuginone

5-bromo-4-chloro-3-indolyl phosphate see 5-bromo-4-chloro-3-indoxyl phosphate

5-bromo-4-chloroindoxyl acetate
(RN) 3252-36-6
(SY) BCDA
(HM) *INDOLES
(NO) improved substrate for esterases

5-bromo-4-chloro-3-indoxyl beta-galactoside
(RN) 7240-90-6
(SY) X-gal
(HM) *INDOLES
(HM) *GALACTOSIDES
(NO) enzyme substrate for beta-galactosidase

5-bromo-4-chloro-3-indoxyl phosphate
(RN) 38404-93-2
(SY) 5-BCIP
(SY) 5-bromo-4-chloro-3-indolyl phosphate
(HM) *INDOLES
(NO) substrate for demonstration of activity of alkaline phosphatase; structure given in first source

7-bromo-5-(2-chlorophenyl)-1,3-dihydro-2H-1,4-benzodiazepin-2-one see phenazepam

7-bromo-5-(2'-chlorophenyl)-2,3-dihydro-2-(methoxyl)-1-methyl-1H-1,4-benzodiazepine.HCl see metaclazepam

7-bromo-5-(2-chlorophenyl-1,3-dihydro-2H- thieno(2,3-e)(1,4)diazepin-2-one
(RN) 40017-65-0
(SY) BrTDO
(HM) *AZEPINES
(NO) structure given in first source

5-bromo-4'-chlorosalicylanilide see salifungin

7-bromo-5-(2-chlorphenyl)-1,2-dihydro-3H-1,4-benzodiazepin-2-one see phenazepam

3-bromocinnamamide
(RN) 71539-43-0
(RR) 59114-96-4 ((E)-isomer)
(HM) *CINNAMATES
(PA) ANTICONVULSANTS
(NO) de-ethylated metabolite of cinromide; RN given refers to cpd without isomeric designation

bromoconduritol see 6-bromoconduritol

6-bromoconduritol
(RN) 42014-74-4
(SY) bromoconduritol
(HM) INOSITOL/*analogs
(PA) GLUCOSIDASES/antag

4-bromocrotonic acid
(RN) 13991-36-1
(HM) *CROTONIC ACIDS
(NO) inhibitor of fatty acid oxidation & ketone body degradation in rat heart mitochondria; RN given refers to (E)-isomer; RN for cpd without isomeric designation not in Chemline 6/7/82

8-bromo-cyclic GMP see 8-bromocyclic GMP

8-bromocyclic GMP
(RN) 31356-94-2
(RR) 51116-01-9 (Na salt)
(SY) 8-bromoguanosine 3',5'-monophosphate
(SY) 8-Br-cyclic GMP
(SY) 8-bromocyclic guanosine monophosphate
(SY) 8-bromo-cyclic GMP
(SY) 8-bromo-cGMP
(SY) 8-bromo cGMP
(SY) Br CGMP
(HM) GUANOSINE CYCLIC MONOPHOSPHATE/*analogs
(NO) RN given refers to parent cpd

8-bromocyclic guanosine monophosphate see 8-bromocyclic GMP

3-bromo-3,5-cyclohexadiene-1,2-diol
(RN) 82683-92-9
(SY) bromobenzene 2,3-dihydrodiol
(SY) 2,3-DHDBB
(HM) *BROMOBENZENES
(NO) structure given in first source

2-bromo-1-decanal
(HM) *ALDEHYDES
(II) AFFINITY LABELS
(NO) affinity labeling probe for aliphatic aldehyde site of luciferase

2'-bromo-2'-deoxyadenosine
(RN) 65446-56-2
(SY) 2-DABR
(SY) 2'-deoxy-2'-bromoadenosine
(HM) DEOXYADENOSINE/*analogs

8-bromo-2'-deoxyadenosine
(RN) 14985-44-5
(SY) 8-B-2-DA
(HM) DEOXYADENOSINE/*analogs

1-(3'-bromo-3'-deoxyarabinofuranosyl) uracil
(RN) 6206-18-4
(SY) 3-Br-Ara-U
(HM) ARABINOFURANOSYLURACIL/*analogs
(NO) RN given refers to (beta-D)-isomer; RN for cpd without isomeric designation not in Chemline 3/85; labeled with 82Br; structure given in first source

bromodeoxyuridine triphosphate
(RN) 18736-53-3
(SY) 5-bromodeoxyuridine triphosphate
(SY) BrdUTP
(HM) *DEOXYURACIL NUCLEOTIDES

5-bromodeoxyuridine triphosphate see bromodeoxyuridine triphosphate

2'bromo-2'-deoxyuridine
(RN) 72218-68-9
(HM) *BROMODEOXYURIDINE
(II) ISOMERISM
(NO) RN given refers to 82Br-labeled cpd; RN for unlabeled cpd not in Chemline 7/29/83

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bromodeoxyuridylate
(RN) 6666-38-2
(HM) *FLUORODEOXYURIDYLATE/analogs
(NO) RN given refers to parent cpd

bromodichloromethane
(RN) 75-27-4
(RR) 57049-13-5 (ion(1-))
(RR) 59665-18-8 (14C-labeled cpd)
(SY) dichlorobromomethane
(HM) *HYDROCARBONS, HALOGENATED
(NO) RN given refers to parent cpd

2-bromo-1-(2,4-dichlorophenyl)vinyl-O,O- diethylphosphate see bromfenvinphos

4'-bromo-2,6-dihydroxybenzanilide see resorantel

3-bromo-1,4-dihydroxy-2-butanone 1,4-biphosphate
(SY) 3-BDBBP
(HM) *BUTANONES
(II) AFFINITY LABELS
(NO) potential affinity label for enzymes that bind sugar biphosphates; structure

4-bromo-2,5-dimethoxyamphetamine see 2,5-dimethoxy-4-bromoamphetamine

(S)-(-)-3-bromo-2,6-dimethoxy-N-((1-ethyl-2-pyrrolidinyl)methyl)benzamide see remoxipride

4-bromo-2,5-dimethoxyphenethylamine see 2,5-dimethoxy-4-bromoamphetamine

4-bromo-N-(2-(dimethylamino)cyclohexyl)benzamide see bromadoline

2-bromo-7,12-dimethylbenz(a)anthracene
(RN) 78302-37-1
(SY) 2-bromo-DMBA
(HM) 9,10-DIMETHYL-1,2-BENZANTHRACENE/*analogs
(PA) CARCINOGENS

3-bromo-7,12-dimethylbenz(a)anthracene
(RN) 78302-38-2
(SY) 3-bromo-DMBA
(HM) 9,10-DIMETHYL-1,2-BENZANTHRACENE/*analogs
(PA) CARCINOGENS

4-bromo-7,12-dimethylbenz(a)anthracene
(RN) 78302-39-3
(SY) 4-bromo-DMBA
(HM) 9,10-DIMETHYL-1,2-BENZANTHRACENE/*analogs
(PA) CARCINOGENS

1-bromo-2,4-dinitrobenzene
(RN) 584-48-5
(HM) *DINITROBENZENES

S-(4-bromo-2,3-dioxobutyl)-CoA see 4-bromo-2,3-dioxobutyl-coenzyme A

4-bromo-2,3-dioxobutyl-coenzyme A
(RN) 66686-64-4
(SY) S-(4-bromo-2,3-dioxobutyl)-CoA
(HM) COENZYME A/*analogs
(II) AFFINITY LABELS

6-(4-bromo-2,3-dioxobutyl)thioadenosine 5'-diphosphate
(SY) BDTD
(HM) ADENOSINE DIPHOSPHATE/*analogs
(HM) *THIONUCLEOTIDES
(II) AFFINITY LABELS

6-((4-bromo-2,3-dioxobutyl)thio)-6-deaminoadenosine 5'-diphosphate
(RN) 90269-32-2
(SY) BDB-TADP
(HM) ADENOSINE DIPHOSPHATE/*analogs
(II) AFFINITY LABELS
(NO) RN given from first source; RN not in Chemline 10/84; structure

6-(6-(4-bromo-2,3-dioxobutyl)thio) deaminoadenosine 5'-monophosphate
(RN) 90269-31-1
(SY) BDB-TAMP
(HM) ADENOSINE MONOPHOSPHATE/*analogs
(II) AFFINITY LABELS
(NO) RN given from first source; RN not in Chemline 10/84; structure

bromodiphenhydramine
(RN) 118-23-0
(RR) 1808-12-4 (HCl)
(SY) ambodryl
(SY) bromazine
(HM) DIPHENHYDRAMINE/*analogs
(PA) ANTIHISTAMINICS
(NO) RN given refers to parent cpd

2-bromo-DMBA see 2-bromo-7,12-dimethylbenz(a)anthracene

3-bromo-DMBA see 3-bromo-7,12-dimethylbenz(a)anthracene

4-bromo-DMBA see 4-bromo-7,12-dimethylbenz(a)anthracene

5-bromo-EDDHA see 5-bromo-ethylenediamine-N,N'-bis(2- hydroxyphenylacetic acid)

2-bromoethanamine see 2-bromoethylamine

bromoethane
(RN) 74-96-4
(HM) *HYDROCARBONS, BROMINATED
(PA) MUTAGENS

2-bromoethanesulfonic acid
(RN) 26978-65-4
(RR) 4263-52-9 (Na salt)
(HM) *ALKYL SULFONATES
(NO) RN given refers to parent cpd

2-bromoethanol see ethylene bromohydrin

5-(2-bromoethenyl)-2'-deoxyuridine see 5-(2-bromovinyl)-2'-deoxyuridine

17-bromoethinylestradiol
(RN) 85179-66-4
(SY) 17 alpha-bromoethynylestradiol
(HM) ETHINYL ESTRADIOL/*analogs
(NO) estrogen receptor radiotracer

2-bromoethylamine hydrobromide see 2-bromoethylamine

2-bromoethylamine
(RN) 107-09-5
(RR) 2576-47-8 (HBr)
(SY) 2-bromoethylamine hydrobromide
(SY) 2-bromoethanamine
(SY) 2-BEA
(SY) bromoethyleneamine hydrobromide
(HM) *ETHYLAMINES
(NO) RN given refers to parent cpd; structure

3-bromo-N-ethylcinnamide see cinromide

bromoethyleneamine hydrobromide see 2-bromoethylamine

5-bromo-ethylenediamine-N,N'-bis(2-hydroxyphenylacetic acid)
(RN) 74304-83-9
(SY) 5-bromo-EDDHA
(HM) *ETHYLENEDIAMINES
(PA) IRON CHELATES
(NO) complexed with (67)Ga for radiopharmaceuticals; structure given in first source

3-(4-bromo-2-fluorobenzyl)-4-oxo-3H-phthalazin-1-ylacetic acid see ICI 128436

bromoform
(RN) 75-25-2
(SY) tribromomethane
(HM) *HYDROCARBONS, BROMINATED
(PA) CARCINOGENS
(PA) TERATOGENS
(NO) structure

bromofos see bromophos

8-bromoguanosine 3',5'-monophosphate see 8-bromocyclic GMP

8-bromoguanosine 2'-phosphate
(RN) 86808-62-0
(SY) 8-bromo-2'-guanylic acid
(SY) 8-BrG-2P
(HM) *GUANOSINE MONOPHOSPHATE/analogs

8-bromoguanosine 3'-phosphate
(RN) 86808-63-1
(SY) 8-bromo-3'-guanylic acid
(SY) 8-BrG-3P
(HM) *GUANOSINE MONOPHOSPHATE/analogs

8-bromoguanosine
(RN) 4016-63-1
(HM) GUANOSINE/*analogs

8-bromo-2'-guanylic acid see 8-bromoguanosine 2'-phosphate

8-bromo-3'-guanylic acid see 8-bromoguanosine 3'-phosphate

2-bromohippuran see 2-bromohippuric acid

2-bromohippuric acid
(RN) 81568-83-4
(SY) ortho-bromohippuric acid
(SY) 2-bromohippuran
(HM) IODOHIPPURIC ACID/*analogs

2-bromohydroquinone
(RN) 583-69-7
(HM) *HYDROQUINONES
(NO) metabolite of bromobenzene & 2-bromophenol; structure given in first source

4'-bromo-2-hydroxyacetophenone trifluoromethanesulfonate ester see 4'-bromophenacyl triflate

7-bromo-8-hydroxy-3-methyl-1-phenyl-2,3,4,5-tetrahydro-1H-3-benzazepine see SK&F 83566

2-bromo-(4-hydroxyphenyl)-1-propene
(SY) 2-Br-(para-hydroxyphenyl)-1-propene
(SY) Br-OHPP
(HM) *PHENOLS
(PA) DOPAMINE BETA-HYDROXYLASE/antag

2-bromo-3-(5-imidazolyl)propionate see alpha-bromo-beta-(5-imidazolyl)propionic acid

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5-bromoimidazo(1,2-a)pyrazine
(RN) 87597-26-0
(SY) 5-BIPZ
(HM) *PYRAZINES
(NO) has uterine-relaxing, antibronchospastic & cardiac-stimulating properties; structure given in first source

5-bromoisatin
(RN) 87-48-9
(SY) 5-bromisatin
(HM) *ISATIN/analogs

1-(3-bromo-5-isoxazolyl)-2-(tert-butylamino)ethanol hydrochloride see broxaterol

bromoketoglutarate see 3-bromo-2-ketoglutarate

3-bromo-2-ketoglutarate
(RN) 76444-16-1
(SY) bromoketoglutarate
(HM) *KETOGLUTARIC ACIDS
(II) INDICATORS AND REAGENTS
(II) AFFINITY LABELS
(NO) active site reagent for NADP+ dependent isocitrate dehydrogenase

3-bromolactate see 3-bromolactic acid

3-bromolactic acid
(RN) 32777-03-0
(SY) 3-bromolactate
(HM) *LACTATES

bromolasalocid
(RN) 38784-08-6
(RR) 41734-19-4 (mono-Na salt)
(SY) BrX 537A
(SY) Br-X 537A
(SY) Ro 20-0006
(HM) LASALOCID/*analogs
(PA) ANTIHYPERTENSIVE AGENTS
(II) IONOPHORES
(NO) RN given refers to parent cpd

2-bromolisuride
(RN) 83455-48-5
(HM) *LISURIDE/analogs
(NO) dopamine antagonist; structure in first source

p-bromomethamphetamine see 4-bromomethamphetamine

4-bromomethamphetamine
(RN) 4302-85-6
(RR) 67528-37-4 (HCl(S)-isomer)
(RR) 67528-36-3 (HCl(R)-isomer)
(RR) 58714-53-7 ((S)-isomer)
(RR) 67484-89-3 (HCl(+-)-isomer)
(RR) 30651-67-3 (HCl)
(RR) 29363-93-7 ((R)-isomer)
(RR) 27185-95-1 (HBr(+-)-isomer)
(RR) 18482-40-1 ((+-)-isomer)
(RR) 14471-47-7 (HBr)
(SY) V-111
(SY) p-bromomethylamphetamine
(SY) para-bromomethamphetamine
(SY) p-bromomethamphetamine
(HM) METHAMPHETAMINE/*analogs
(NO) RN given refers to unspecified stereoisomer

16-bromomethoxyestradiol see 16 alpha-bromo-11 beta-methoxy-17 beta-estradiol

4-bromomethyl-7-acetoxycoumarin
(RN) 2747-04-8
(SY) 4-BMAC
(HM) *COUMARINS
(II) FLUORESCENT DYES
(NO) structure given in first source

p-bromomethylamphetamine see 4-bromomethamphetamine

7-bromomethylbenzanthracene
(RN) 24961-39-5
(SY) 7-bromomethylbenz(a)anthracene
(HM) *BENZANTHRACENES

7-bromomethylbenz(a)anthracene see 7-bromomethylbenzanthracene

5'-(4-bromomethylbenzoyl)adenosine
(SY) pBMBA
(HM) ADENOSINE/*analogs
(PA) ADENYL CYCLASE/antag
(NO) structure given in first source

bromomethylenebis(phosphonic acid)
(SY) bromomethylenediphosphonate
(HM) *DIPHOSPHONATES
(NO) structure given in first source

bromomethylenediphosphonate see bromomethylenebis(phosphonic acid)

11-bromomethylestradiol
(SY) 11 beta-bromomethylestradiol
(HM) ESTRADIOL/*analogs
(II) ESTROGENS, SYNTHETIC
(NO) strongly interacting estrogen for estradiol receptor

3-bromomethylmenadione
(RN) 50371-29-4
(SY) 3-Br-Me-menadione
(HM) VITAMIN K/*analogs
(NO) structure given in first source

4-bromomethyl-7-methoxycoumarin
(RN) 35231-44-8
(HM) *UMBELLIFERONES

7-bromo-5-methyl-8-quinolinol see tilbroquinol

4-bromomisonidazole
(RN) 83200-90-2
(HM) MISONIDAZOLE/*analogs
(PA) RADIATION-SENSITIZING AGENTS

2-bromo-2-nitro-1,3-propanediol see bronopol

2-bromooctanoate
(RN) 2623-82-7
(RR) 70610-87-6 ((+-)-isomer)
(HM) *OCTANOIC ACIDS
(NO) RN given refers to cpd without isomeric designation

8-bromo-6-(ortho-chlorophenyl)-1-cyclohexyl-4H-5-triazolo(3,4-c)thieno(2,4-e)-1,4-diazepine see ciclotizolam

8-bromo-6-(ortho-chlorophenyl)-1-tetrahydro-4-pyranyl-4H-5-triazolo(3,4-c)thieno(2,3-e)-1,4-diazepine see We 1008

2-bromopalmitate
(RN) 18263-25-7
(RR) 40305-76-8 ((+-)-isomer)
(RR) 86475-91-4 (77Br-labeled cpd)
(RR) 18982-09-7 (K salt)
(SY) alpha-bromopalmitate
(HM) *PALMITATES
(PA) ANTIDIABETICS
(NO) inhibitor of fatty acid oxidation; RN given refers to parent cpd

6-bromopenicillanic acid
(RN) 26631-90-3
(RR) 73335-78-1 (Na salt(2S-(2alpha,5alpha,6beta))-isomer)
(RR) 4027-64-9 (K salt(2S-(2alpha,5alpha,6beta))-isomer)
(SY) 6 beta-bromopenicillanic acid
(HM) *PENICILLANIC ACIDS
(PA) BETA LACTAMASES/antag
(NO) RN given refers to (2alpha,5alpha,6beta))-isomer; RN for cpd without isomeric designation not in Chemline 1/5/84

bromoperidol
(RN) 10457-90-6
(RR) 72271-73-9 (82Br-labeled cpd)
(RR) 59453-24-6 (HCl)
(SY) R 11,333
(SY) C-C 2489/21
(SY) bromperidol
(HM) HALOPERIDOL/*analogs
(NO) bromine-substituted for chlorine in haloperidol; RN given refers to unlabeled parent cpd; structure

bromoperoxidase see bromide peroxidase

p-bromophenacyl bromide see 4-bromophenacyl bromide

bromophenacyl bromide see 4-bromophenacyl bromide

4-bromophenacyl bromide
(RN) 99-73-0
(SY) bromophenacyl bromide
(SY) p-bromophenacyl bromide
(SY) PBPAB
(SY) 2,4-dibromoacetophenone
(HM) *ACETOPHENONES
(NO) phospholipidase A(2) inhibitor; structure

4'-bromophenacyl triflate
(SY) 4'-bromophenacyl trifluoromethanesulfonate
(SY) BPTSE
(SY) 4'-bromo-2-hydroxyacetophenone trifluoromethanesulfonate ester
(HM) *ACETOPHENONES

4'-bromophenacyl trifluoromethanesulfonate see 4'-bromophenacyl triflate

o-bromophenol see 2-bromophenol

p-bromophenol see 4-bromophenol

2-bromophenol
(RN) 95-56-7
(SY) o-bromophenol
(SY) ortho-bromophenol
(HM) *PHENOLS

3-bromophenol
(RN) 591-20-8
(SY) meta-bromophenol
(HM) *PHENOLS
(NO) metabolite of bromobenzene

4-bromophenol
(RN) 106-41-2
(SY) p-bromophenol
(SY) para-bromophenol
(HM) *PHENOLS

bromophenophos
(RN) 23015-40-9
(SY) Acedist
(SY) bromphenophos
(SY) 4,4',6,6'-tetrabromo-3,3'-biphenyldiol-2-dihydrogen phosphate
(HM) *POLYBROMOBIPHENYL COMPOUNDS
(PA) ANTHELMINTICS
(NO) structure

p-bromophenylacetylurea see 4-bromophenylacetylurea

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4-bromophenylacetylurea
(RN) 30241-86-2
(SY) p-bromophenylacetylurea
(HM) UREA/*analogs
(NO) structure

4-(4'-bromophenylalanine)-leucine enkephalin see enkephalin-Leu, 4'-bromo-Phe(4)-

4-(4'-bromophenylalanine)-methionine enkephalin see enkephalin-Met, 4'-bromo-Phe(4)-

4-bromophenylboric acid
(SY) PBPBA
(SY) para-bromophenylboric acid
(HM) *BORON COMPOUNDS

4-bromophenylisothiocyanate
(RN) 1985-12-2
(HM) *THIOCYANATES
(PA) ANTIFUNGAL AGENTS

3-(p-bromophenyl)-1-methoxy-1-methylurea see metobromuron

m-bromophenylsuccinimide see 3-bromophenylsuccinimide

3-bromophenylsuccinimide
(RN) 22855-57-8
(SY) lefadol
(SY) m-bromophenylsuccinimide
(HM) *SUCCINIMIDES
(PA) ANTICONVULSANTS

1-((4-bromophenyl)sulfonyl)hydantoin
(RN) 83800-77-5
(SY) para-Br-PSH
(HM) *HYDANTOINS
(PA) HYPOGLYCEMIC AGENTS
(PA) ALDOSE REDUCTASE/antag

2-(3-bromophenyl)thiazolidine
(RN) 67086-84-4
(HM) *THIAZOLES
(PA) RADIATION PROTECTIVE AGENTS

bromophos
(RN) 2104-96-3
(SY) bromofos
(SY) methylbromophos
(HM) *THIOPHOSPHORIC ACID ESTERS
(PA) INSECTICIDES, ORGANOTHIOPHOSPHATE
(PA) CHOLINESTERASE INHIBITORS
(PA) MUTAGENS
(NO) minor descriptor (72-83); on-line & Index Medicus search ORGANOTHIOPHOSPHORUS COMPOOUNDS (72) & INSECTICIDES (72) & INSECTICIDES, ORGANOTHIOPHOSPHATE (73-83); structure

bromoprid see bromopride

bromopride
(RN) 4093-35-0
(RR) 71652-07-8 (unspecified HCl)
(RR) 4093-36-1 (di-HCl)
(SY) viaben
(SY) bromoprid
(HM) METOCLOPRAMIDE/*analogs
(NO) RN given refers to parent cpd; structure

3-bromopropionic acid
(RN) 590-92-1
(SY) beta-bromopropionate
(HM) *PROPIONIC ACIDS

bromopropylate see isopropyl 4,4'-dibromobenzilate

3-bromopropyltrimethylammonium bromide
(RN) 3779-42-8
(SY) BPTMA
(HM) *AMMONIUM COMPOUNDS
(II) ALKYLATING AGENTS
(NO) RN given refers to Br; RN for parent cpd not in Chemline 6/85

6-bromopyrazino(2,3-b)pyrazine-2,3-diol see 2,3-dihydroxy-6-bromopyrazino(2,3b)pyrazine

2-(5-bromo-2-pyridylazo)-5-diethylaminophenol
(RN) 14337-53-2
(SY) Br-PADAP
(HM) *AZO COMPOUNDS
(II) DYES

2-(5-bromo-2-pyridylazo)-5-(N-n-propyl-N- 3-sulfopropylamino)phenol
(RN) 81608-06-2
(SY) 5-Br-PAPS
(HM) *AZO COMPOUNDS
(II) DYES
(II) INDICATORS AND REAGENTS
(NO) used for determination of zinc in blood; structure given in first source

bromopyruvate
(RN) 1113-59-3
(SY) 3-bromopyruvate
(HM) *PYRUVATES
(II) AFFINITY LABELS

3-bromopyruvate see bromopyruvate

5-bromosalicyl-4'-chloranilide see salifungin

5-bromosalicyl-4'-chlorosanilide O-beta-D- xylopyranoside triacetate see ZIK 1392

p-bromospiperone see 4-bromospiperone

4-bromospiperone
(RN) 76139-30-5
(RR) 78093-81-9 (77Br-labeled cpd)
(SY) 4-bromospiroperidol
(SY) p-bromospiperone
(SY) p-bromospiroperidol
(HM) *SPIPERONE/analogs
(PA) TRANQUILIZING AGENTS, MAJOR
(NO) same pharmacological action as spiperone; RN given refers to unlabeled cpd

p-bromospiroperidol see 4-bromospiperone

4-bromospiroperidol see 4-bromospiperone

2-bromostearate see 2-bromostearic acid

2-bromostearic acid
(RN) 142-94-9
(RR) 63556-25-2 (77Br-labeled cpd)
(RR) 26545-71-1 (cpd with unspecified bromine locant)
(RR) 18982-10-0 (K salt)
(SY) 2-bromostearate
(HM) *STEARIC ACIDS
(NO) RN given refers to unlabeled parent cpd

bromosuccinate see bromosuccinic acid

bromosuccinic acid
(RN) 923-06-8
(RR) 584-98-5 ((+-)-isomer)
(SY) bromosuccinate
(HM) *SUCCINATES
(NO) RN given refers to undesignated isomer

18-bromo-5-tellura-17-octadecenoic acid
(SY) 18-(82)-bromo-5-tellura-17-octadecenoic acid
(SY) 18-BTODA
(HM) *OLEIC ACIDS
(HM) *TELLURIUM
(II) RADIOISOTOPES
(II) RADIONUCLIDE IMAGING
(NO) structure given in first source

18-(82)-bromo-5-tellura-17-octadecenoic acid see 18-bromo-5-tellura-17-octadecenoic acid

2-bromo-3,4,5,6-tetrachlorophenol
(RN) 94720-18-0
(HM) *PENTACHLOROPHENOL/analogs
(NO) contaminant in pentachlorophenol

p-bromotetramisole see 4-bromotetramisole

D-4-bromotetramisole see 4-bromotetramisole

4-bromotetramisole
(RN) 56943-06-7
(RR) 62284-79-1 (oxalate[1:1] salt(S)-isomer)
(SY) L-4-bromotetramisole
(SY) D-4-bromotetramisole
(SY) p-bromotetramisole
(SY) 1-(para-bromotetramisole)
(HM) TETRAMISOLE/*analogs
(PA) ANTHELMINTICS
(NO) available inlevo & dextro form; L-form potent inhibitor of non-specific alkaline phosphatase; RN given refers to (S)-isomer; RN for cpd without isomeric designation not in Chemline 1/4/84

L-4-bromotetramisole see 4-bromotetramisole

bromo(triethylphosphine)gold see triethylphosphine gold bromide

bromotriethylstannane
(RN) 2767-54-6
(SY) triethyltin bromide
(HM) *TRIETHYLTIN COMPOUNDS
(NO) not the bromide salt of triethyltin; inhibits red cell & yeast hexokinase

bromotrifluoroacetone
(RN) 431-35-6
(SY) 3,3,3-trifluorobromoacetone
(SY) 3-bromo-1,1,1-trifluoropropanone
(HM) ACETONE/*analogs
(II) INDICATORS AND REAGENTS
(NO) specific reagent for active site cysteines of rabbit muscle GPD alkylation

bromotrifluoromethane
(RN) 75-63-8
(RR) 62395-25-9 (former CAS registry number)
(SY) halon 1301
(SY) Freon 13B1
(HM) *FREONS

3-bromo-1,1,1-trifluoropropanone see bromotrifluoroacetone

3'-bromo-3,5,5'-triiodothyronine
(RN) 77667-01-7
(SY) 3'-bromo-3,5,5'-triiodo-L-thyronine
(SY) BrT3
(SY) 3'-BrT3
(SY) pseudo-T4
(SY) 3'-bromo-T3
(HM) TRIIODOTHYRONINE/*analogs
(NO) pseudo-T4 of high specific activity & excellent radiochemical stability with immunological properties similar to those of thyroxine; structure in first source

3'-bromo-3,5,5'-triiodo-L-thyronine see 3'-bromo-3,5,5'-triiodothyronine

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bromotrimethylammoniobimane
(RN) 75403-48-4
(RR) 71418-45-6 (bromide)
(SY) 3,7-dimethyl-4-bromomethyl-6-trimethylammoniomethyl-1,5-diazabicyclo(3.3.0) octa-3,6-diene-2,8-dione
(SY) BTMAB
(SY) thiolyte monoquat
(SY) monobromotrimethylammoniobimane
(HM) *AMMONIUM COMPOUNDS
(II) INDICATORS AND REAGENTS
(II) FLUORESCENT DYES
(NO) RN given refers to parent cpd; structure given in first source

5-bromotryptamine
(RN) 3610-42-2
(HM) *TRYPTAMINES
(PA) SEROTONIN ANTAGONISTS

bromotubercidin
(RN) 21193-80-6
(SY) 5-bromotubericidin
(HM) TUBERCIDIN/*analogs
(PA) ANTIBIOTICS, ANTINEOPLASTIC

5-bromotubericidin see bromotubercidin

6-bromouracil
(HM) URACIL/*analogs
(II) BROMINE
(II) RADIOISOTOPES
(NO) radiolabelled with 82Br

5-bromouridine
(RN) 957-75-5
(SY) 1-D-ribofuranosyl-5-bromouracil-nucleoside
(SY) bromuridine
(HM) URIDINE/*analogs
(PA) ANTIVIRAL AGENTS

11-bromovincamine
(RN) 57475-17-9
(RR) 84964-12-5 (fumarate[1:1])
(HM) *VINCAMINE/analogs
(NO) RN given refers to (3alpha,14beta,16alpha)-isomer; RN for cpd without isomeric designation not in Chemline 1/5/83

5-(2-bromovinyl)-3-amino-2',3'-dideoxyuridine
(RN) 80646-53-3
(SY) 3'-amino-5-BVDU
(HM) BROMODEOXYURIDINE/*analogs
(PA) ANTIVIRAL AGENTS
(NO) RN given refers to (E)-isomer; RN for cpd with unspecified isomeric designation not in Chemline 8/4/83

5-(2-bromovinyl)-2'-deoxycytidine
(RN) 74131-09-2
(SY) 5-BVDC
(HM) BROMODEOXYCYTIDINE/*analogs
(PA) ANTIVIRAL AGENTS
(NO) RN given refers to (E)-isomer; RN for cpd without isomeric designation not in Chemline 7/85

(E)-5-(2-bromovinyl)-2'-deoxyuridine see 5-(2-bromovinyl)-2'-deoxyuridine

5-(2-bromovinyl)-2'-deoxyuridine-5'-triphosphate
(RN) 77222-61-8
(SY) BV(5)dUTP
(HM) *DEOXYURACIL NUCLEOTIDES
(PA) ANTIVIRAL AGENTS

(Z)-5-(2-bromovinyl)-2'-deoxyuridine see 5-(2-bromovinyl)-2'-deoxyuridine

5-(2-bromovinyl)-2'-deoxyuridine
(RN) 69304-47-8
(SY) 5-BVDU
(SY) (E)-5-(2-bromovinyl)-2'-deoxyuridine
(SY) (Z)-5-(2-bromovinyl)-2'-deoxyuridine
(SY) E-5-(2-bromovinyl)-dUrd
(SY) Z-5-(2-bromovinyl)-dUrd
(SY) 5-(2-bromoethenyl)-2'-deoxyuridine
(HM) BROMODEOXYURIDINE/*analogs
(PA) ANTIVIRAL AGENTS
(NO) anti-herpes agent; (Z)-isomer much less active against herpes simplex virus type 1 & somewhat less active against herpes simplex virus type 2 than is the (E)-isomer; both isomers show similar activity against vaccinia virus; RN given refers to (E)-trans-isomer; structure

5-(2-bromovinyl)-2'-deoxyuridylate
(RN) 83378-41-0
(RR) 80860-82-8 ((E)-isomer)
(SY) BrvdUMP
(HM) *DEOXYURACIL NUCLEOTIDES
(NO) RN given refers to cpd without isomeric designation

5-(2-bromovinyl)uracil
(RN) 69304-49-0
(HM) BROMOURACIL/*analogs
(PA) ANTIVIRAL AGENTS
(NO) RN given refers to (E)-isomer; RN for cpd without isomeric designation not in Chemline 9/85

8-bromoxanthine
(RN) 10357-68-3
(HM) *XANTHINES
(PA) XANTHINE OXIDASE/antag

3'-bromo-T3 see 3'-bromo-3,5,5'-triiodothyronine

4-bromo-A-23187
(RN) 76455-48-6
(SY) 4-Br-A23187
(HM) A-23187/*analogs
(NO) ionophore with enhanced calcium ion transport specificity

bromperidol see bromoperidol

bromphenophos see bromophenophos

bromp'.envinphos see bromfenvinphos

Brompton mixture
(RN) 76986-89-5
(SY) Brompton's mixture
(HM) *MORPHINE
(HM) *CODEINE
(HM) *ALCOHOL, ETHYL
(HM) *CHLOROFORM
(HM) DRUG COMBINATIONS
(NO) combination of the above in syrup BP for intractable pain

Brompton's mixture see Brompton mixture

bromsulphthalein-glutathione conjugating enzyme see sulfobromophthalein-glutathione conjugase

bromtianide
(RN) 23233-88-7
(SY) dirian
(SY) brotianide
(HM) *BENZAMIDES
(PA) ANTHELMINTICS
(NO) structure

bromuridine see 5-bromouridine

broncasma berna
(HM) *BACTERIAL VACCINES
(NO) polyvalent antigen vaccine containing 8 types of bacteria or their autolysates which are commonly detected during upper respiratory tract infections

broncaspin
(RN) 55482-89-8
(SY) acetylsalicylic acid guaiacolic ester
(SY) guacetisal
(SY) 2-(acetyloxy)benzoic acid, 2-methoxyphenyl ester
(SY) ASA-G
(SY) guaiacolic ester, acetylsalicylic acid
(HM) ASPIRIN/*analogs
(PA) EXPECTORANTS
(PA) ANTITUSSIVE AGENTS
(PA) ANALGESICS, ANTI-INFLAMMATORY
(PA) ANTI-INFLAMMATORY AGENTS
(NO) tolerated by patients with aspirin-asthma

bronchial leukocyte elastase-cathepsin G inhibitor see elastase-cathepsin G inhibitor

Bronchospasmin see reproterol

Broncho-Vaxom
(HM) *ADJUVANTS, IMMUNOLOGIC
(NO) bacterial lysate used in therapy of chronic bronchitis; each capsule contains 7mg lysate of Haemophilus influenza, Diplococcus pneumonia, Klebsiella pneumonia & ozaenae, Staph. aureus, Strep. pyogenes & viridans, Neisseria caterrhalis

broncopins see stepronin

brondaxin see cholinophyllin

Brondecon see cholinophyllin

brondiletten retard see B 68ORD

bronhodin
(HM) *BACTERIAL VACCINES
(NO) polymicrobiol vaccine (containing the most common bacteria that cause respiratory infections) which stimulates immunology

bronopol
(RN) 52-51-7
(SY) bronosol
(SY) 2-bromo-2-nitro-1,3-propanediol
(HM) *PROPANEDIOLS
(PA) ANTI-INFECTIVE AGENTS
(PA) ANTISEPTICS
(II) PRESERVATIVES, PHARMACEUTICAL
(II) INDICATORS AND REAGENTS
(NO) nitrosating reagent for diethanolamine; structure

bronosol see bronopol

trans-broparestrol see broparoestrol

broparestrol see broparoestrol

broparoestrol
(RN) 479-68-5
(RR) 22393-62-0 ((trans)-isomer)
(RR) 22393-63-1 ((cis)-isomer)
(SY) broparestrol
(SY) trans-broparestrol
(SY) LN 2299
(SY) LN-1643
(SY) LN-2299
(SY) alpha-(4-ethyl)phenyl-alpha'-bromo trans-stilbene
(SY) LN 1643
(HM) *STILBENES
(PA) ESTROGEN ANTAGONISTS
(II) ESTROGENS, SYNTHETIC
(NO) RN given refers to cpd without isomeric designation; synonym LN 2299 refers to (cis)-isomer; LN 1643 refers to (trans)-isomer; structure in Merck Index, 9th ed, #1451

brotianide see bromtianide

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brotizolam
(RN) 57801-81-7
(SY) We 941
(HM) *AZEPINES
(PA) HYPNOTICS AND SEDATIVES
(NO) structure

brovanexine
(RN) 54340-61-3
(RR) 54340-60-2 (mono-HCl)
(SY) UR 389
(HM) *BENZAMIDES
(PA) EXPECTORANTS
(NO) RN given refers to parent cpd; structure

brovel see eprozinol

Brown FK
(RN) 8062-14-4
(SY) Brown-FK
(HM) *AZO COMPOUNDS
(II) FOOD COLORING AGENTS
(NO) mixture of
2,4-diamino-5-(p-sulfophenylazo)toluene and
1,3-diamino-4,6-bis(p-sulfophenylazo)benzene

Brown-FK see Brown FK

Broxaldine
(RN) 3684-46-6
(SY) brobenzoxaldine
(SY) 5,7-dibromo-2-methyl-8-quinolylbenzoate
(HM) *QUINALDINES
(NO) structure

broxaterol
(SY) 1-(3-bromo-5-isoxazolyl)-2-(tert-butylamino) ethanol hydrochloride
(HM) *ISOXAZOLES
(PA) ADRENERGIC BETA RECEPTOR AGONISTS

broxyquinoline
(RN) 521-74-4
(SY) 5,7-dibromo-8-quinolinol
(HM) *8-HYDROXYQUINOLINE/analogs
(NO) structure

Br-PADAP see
2-(5-bromo-2-pyridylazo)-5-diethylaminophenol

5-Br-PAPS see
2-(5-bromo-2-pyridylazo)-5-(N-n-propyl-N-3-sulfopropylamino)phenol

2-Br-(para-hydroxyphenyl)-1-propene see
2-bromo-(4-hydroxyphenyl)-1-propene

BrPdR see
1-(2-deoxy-beta-ribofuranosyl)-5-bromo-2-pyrimidinone

Br-pindolol see
1-(1'-bromoacetamido-2'-methyl-2'-isopropylamino)-3-indoloxy-2-propanol

BrTDO see
7-bromo-5-(2-chlorophenyl-1,3-dihydro-2H-thieno(2,3-e)(1,4)diazepin-2-one

BrT3 see 3'-bromo-3,5,5'-triiodothyronine

3'-BrT3 see 3'-bromo-3,5,5'-triiodothyronine

bruceantarin
(RN) 41451-76-7
(HM) *GLAUCARUBIN/analogs
(PA) ANTINEOPLASTICS, BOTANICAL
(NO) antileukemic simaroubolide from Brucea antidysenterica; used in Ethiopia in cancer treatment; also isolated from B. javanica; structure

bruceantin
(RN) 41451-75-6
(HM) *GLAUCARUBIN/analogs
(PA) ANTINEOPLASTICS, BOTANICAL
(PA) ANTIMALARIALS
(NO) antileukemic simaroubolide from Brucea antidysenterica; plant used in Ethiopia in cancer treatment; isolated from B. javanica; quassinoid; structure

bruceine A
(RN) 25514-31-2
(RR) 57629-50-2 ((1beta,11beta,12alpha,15beta)-isomer)
(SY) isobruceine A
(HM) *GLAUCARUBIN/analogs
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(II) CELL TRANSFORMATION, VIRAL/drug eff
(NO) quassinoid which inhibits protein synthesis & DNA synthesis in cells; RN given refers to (11 beta,12 alpha,15 beta)-isomer; RN for cpd without isomeric designation not in Chemline 8/9/83; structure in first source

brucellin
(RN) 11028-17-4
(SY) brucellin INRA
(HM) *ANTIGENS, BACTERIAL
(II) BRUCELLA/immunol
(II) ALLERGENS
(NO) used in skin test to detect circulating brucella; from pooled cultures of 3 species of brucella; used in diagnosis of brucellosis antibodies

brucellin INRA see brucellin

brucellysin
(HM) *ALLERGENS
(II) BRUCELLA ABORTUS/immunol
(NO) elicits hypersensitive reaction

bruceoside A
(RN) 63306-30-9
(HM) *GLAUCARUBIN/analogs
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(NO) quassinoid from B javanica; structure

brufen diethylaminoethyl ester see ibuprofen diethylaminoethyl ester

brusatol
(RN) 14907-98-3
(HM) *GLAUCARUBIN/analogs
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(NO) quassinoid from B. javanica; structure

brushite
(RN) 14567-92-1
(HM) *CALCIUM PHOSPHATES
(NO) structure

BrvdUMP see 5-(2-bromovinyl)-2'-deoxyuridylate

Br-X 537A see bromolasalocid

BrX 537A see bromolasalocid

BR-227 see BR 227

BR 227
(RN) 84461-99-4
(SY)
N-(2,4-dibromo-6-((cyclohexylmethylamino)methyl) phenyl)-4-hydroxy-3-methoxybenzamide
(SY) BR-227
(HM) BROMHEXINE/*analogs
(PA) EXPECTORANTS
(NO) structure in first source

4-Br-A23187 see 4-bromo-A-23187

Br 700 see fentiazac

BR 931 see BR-931

BR-931
(RN) 65089-17-0
(SY) pirinixil
(SY) 4-chloro-6-(2,3-xylidine)-2-pyrimidinylthio(N-beta-hydroxyethyl)acetamide
(SY) BR 931
(HM) *PYRIMIDINES
(PA) ANTILIPEMIC AGENTS
(NO) structure

BSA-azo-enkephalin see enkephalin-azo-albumin

BSADC see bovine serum albumin-dextran conjugate

BSA-dextran conjugate see bovine serum albumin-dextran conjugate

B140-1 scorpion venom see toxin V

BsePI endonuclease see endodeoxyribonuclease BSSHII

BSF-1 see B cell-activating factor

BSF-1 see B cell-activating factor

BSNP-alpha-MSH see MSH, N(alpha)-Bct-1-Ser-4-Nle-7-Phe-alpha-

BSOCOES see
bis(2-(succinimidooxycarbonyloxy)ethyl)sulfone

BSP-BL16 see ribosomal protein BL16

Bsp I endonuclease see endodeoxyribonuclease HaeIII

BS phi 29 terminal protein see Bacillus subtilis bacteriophage phi 29 terminal protein

BspI endonuclease see endodeoxyribonuclease HaeIII

BSP-SG see sulfobromophthalein-glutathione conjugate

BSPT salt
(RN) 38116-89-1
(SY) 2-(2'-benzothiazolyl)-5-styryl-3-(4'-phthalhydrazidyl)tetrazolium chloride
(HM) *TETRAZOLIUM SALTS

BSP 2 see neural cell surface antigen BSP-2

BSP-2 see neural cell surface antigen BSP-2

BsuHI endonuclease see endodeoxyribonuclease BsuHI

BSSHII endonuclease see endodeoxyribonuclease BSSHII

BSSIS see bis(sulfosuccinimidyl)suberate

BSS plus see glutathione-bicarbonate-Ringer solution

BSS solution
(HM) *MINERALS
(HM) *ACETATES
(HM) DRUG COMBINATIONS
(II) SALINE SOLUTION, HYPERTONIC
(NO) each liter of physiological salt solution contains NaCl 109.51 millimoles(mM), KCl 10.10 mM, CaCl2.2H2O 3.27 mM, MgCl2.6H2O 1.48 mM, Na acetate 28.60 mM, Na citrate 5.78 mM with pH of 7.1 & osmolarity of 303 mOsm/kg

Bst 1503 endonuclease see endodeoxyribonuclease BamHI

BstVI restriction endonuclease see endodeoxyribonuclease XhoI

Bsu endonuclease see endodeoxyribonuclease HaeIII

BsuE restriction-modification system see endodeoxyribonuclease AccII

BsuF restriction-modification system see endodeoxyribonuclease HpaII

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BsuM restriction-modification system see endodeoxyribonuclease XhoI

BsuRI endonuclease see endodeoxyribonuclease HaeIII

BsuR specific methylase see DNA modification methylase BsuR

BsuR specific modification methyltransferase see DNA modification methylase BsuR

BS 100-141 see guanfacine

BS-362 see saludopin

BS 362 see saludopin

BS 4231 see glisoxepide

BS-4231 see glisoxepide

BS 530 see tiadenol

BS-6987 see dibenzheptropine

BS 6987 see dibenzheptropine

BTA-20-AB see batrachotoxinin A 20-alpha-benzoate

7-BTABN see 7-benzyl-3-thia-7-azabicyclo(3.3.1)nonane

7-BTABO see
7-benzyl-3-thia-7-azabicyclo(3.3.1)nonan-9-one

3-BTAL see 3-(2-benzothiazolyl)alanine

BTAMB see
2-(2-benzothiazolylazo)-5-dimethylaminobenzoic acid

BTAMK see benzothiazolyl-2-azomethylketoxime

8-BTBCA see 8-benzylthio-N(6)-n-butyladenosine cyclic-3,5'- monophosphate

BTBPC see bis(2,4,6-tribromophenyl) phosphorochloridate

BTBTO see lastanox Q

BTCI see trypsin, chymotrypsin inhibitor, black-eyed pea

BTCP see Bacillus thuringiensis crystal protein

B-3,4-TC see benzophenone-3,3',4,4'-tetracarboxylic acid

BtiI endonuclease see endodeoxyribonuclease BtiI

BTMAB see bromotrimethylammoniobimane

18-BTODA see 18-bromo-5-tellura-17-octadecenoic acid

BT-PABA see bentiromide

BTPPC see bis(2,4,6-trichlorophenyl) phosphorochloridate

BTP 650 see butyl-toyopearl 650

BTS-27271 see U-40481

BTS 27271 see U-40481

BTS 39542
(RN) 57410-31-8
(SY) 2-(1,2,3-benzothiadiazol-5-yl)-7-chloro-4-hydroxy-1,2-dihydrophthalazin-1-ylacetic acid
(HM) *PHTHALAZINES
(PA) DIURETICS, THIAZIDE
(NO) structure given in first source

BTTB see 4-biphenylmethyl-(tropyl-alpha-tropinium)

B3-tunicamycin see tunicamycin B3

BTX-NMA see batrachotoxinin-A N-methylanthranilate

6BT see N,N-dimethyl-4-(6-benzothiazolylazo)aniline

BT6 see N,N-dimethyl-4-(6-benzothiazolylazo)aniline

6 BT see N,N-dimethyl-4-(6-benzothiazolylazo)aniline

6-BT see N,N-dimethyl-4-(6-benzothiazolylazo)aniline

BT-851 see BT 851

BT 851
(RN) 18481-26-0
(SY) benzoyloxymethylthiamine
(SY) BT-851
(SY) 3-(benzoyloxymethylthio)-2-(N(2-methyl-4-amino-5-pyrimidinomethyl)-N-formyl)amino-delta-(3)-pentenol
(SY) benzoyloxymethyl-thiamine
(HM) THIAMINE/*analogs
(NO) structure given in first source

BT 985 see nitrefazole

BUAPA see 3-butoxy-2-acetylaminopropionic acid

bucainide
(RN) 51481-63-1
(SY) bucainide maleate
(HM) *PIPERAZINES
(PA) ANTI-ARRHYTHMIA AGENTS
(NO) structure

bucainide maleate see bucainide

buccalin vaccine
(HM) *BACTERIAL VACCINES
(II) STREPTOCOCCUS PYOGENES
(II) STREPTOCOCCUS PNEUMONIAE
(II) HAEMOPHILUS INFLUENZAE
(II) STAPHYLOCOCCUS AUREUS
(NO) oral polyvalent vaccine of above killed bacteria

bucetin
(RN) 1083-57-4
(SY) beta-hydroxybutyric acid-p-phenetidide
(SY) NHB-PPT
(SY) N-(beta-hydroxybutyryl-p-phenetidine
(HM) *PHENETIDINE/analogs

bucindolol
(RN) 70369-47-0
(SY) MJ 13105
(HM) *PROPANOLAMINES
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS
(PA) VASODILATOR AGENTS
(NO) an indolyl-tert-butyl-phenoxypropanolamine benzonitrile derivative; structure given in first source & UD 32;6f

bucloxal see bucloxic acid

bucloxic acid
(RN) 32808-51-8
(RR) 32808-53-0 (Ca salt)
(SY) 804 CB
(SY) 804-CB
(SY) bucloxal
(SY) esfar
(SY) 4-(3-chloro-4-cyclohexylphenyl)-4-oxobutyric acid
(HM) *PHENYLBUTYRATES
(PA) ANALGESICS, ANTI-INFLAMMATORY
(PA) ANTI-INFLAMMATORY AGENTS
(NO) water insoluble anti-inflammatory agent with analgesic & antipyretic properties; antagonizes bradykinin, increases complement & maybe useful in autoimmune kidney disease; minor descriptor (77-85); on-line & Index Medicus search PHENYLBUTYRATES (77-85); RN given refers to parent cpd

bucumolol
(RN) 58409-59-9
(RR) 36625-96-4 (HCl(-)-isomer)
(RR) 36625-98-6 (HCl(+)-isomer)
(RR) 36556-75-9 (mono-HCl(+-)-isomer)
(RR) 66320-03-4 (mono-HCl(+-)-isomer, 14C-labeled cpd)
(RR) 80750-21-6 ((+-)-isomer)
(RR) 47208-47-9 ((-)-isomer)
(RR) 47208-46-8 ((+)-isomer)
(RR) 30073-40-6 (HCl)
(SY) 5-methyl-8-(2-hydroxy-3-t-butylaminopropoxy) coumarin
(SY) CS-359
(SY) CS 359
(HM) *PROPANOLAMINES
(PA) ANTI ARRHYTHMIA AGENTS
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS
(NO) RN given refers to parent cpd; structure given in first source

budesonide
(RN) 51333-22-3
(RR) 51372-29-3 ((R)-isomer)
(RR) 51372-28-2 ((S)-isomer)
(SY) 16 alpha,17 alpha-(22R,S)-propylmethylenedioxypregna-1,4-diene-11 beta,21-diol-3,20-dione
(HM) *PREGNENEDIONES
(II) GLUCOCORTICOIDS, SYNTHETIC
(II) GLUCOCORTICOIDS, TOPICAL
(NO) 1:1 epimeric mixture; RN given refers to (11beta,16alpha)-isomer

budipine
(RN) 57982-78-2
(RR) 63661-61-0 (HCl)
(SY) 4,4-diphenyl-1-tert-butylpiperidine hydrochloride
(HM) *PIPERIDINES
(PA) ANTIPARKINSON AGENTS
(NO) RN given refers to parent cpd; structure in Negwer, 5th ed, #6541

budralazine
(RN) 36798-79-5
(RR) 78859-43-5 (mono-HCl)
(SY) DJ 1461
(SY) 1-(2-(1,3-dimethyl-2-butenylidene)hydrazino) phthalazine
(HM) HYDRALAZINE/*analogs
(PA) ANTIHYPERTENSIVE AGENTS
(NO) RN given refers to parent cpd

P-buffer see sodium phosphate

buflomedil
(RN) 55837-25-7
(RR) 35543-24-9 (HCl)
(SY) LL 1656
(SY) 2,4,6-trimethoxyphenyl-3-pyrrolidine propyl ketone
(SY) bufomedil
(HM) *PYRROLIDINES
(PA) VASODILATOR AGENTS
(NO) RN given refers to parent cpd; synonym LL 1656 refers to HCl; structure

bufomedil see buflomedil

bufuralol
(RN) 54340-62-4
(RR) 59652-29-8 (HCl)
(RR) 57704-15-1 ((DL)-(+-)-isomer)
(RR) 60398-91-6 (HCl(DL)-(+-)-isomer)
(RR) 57704-11-7 (HCl(D)-(+)-isomer)
(RR) 57704-10-6 (HCl(L)-(-)-isomer)
(SY) Ro 3-4787
(HM) *ETHANOLAMINES
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS
(NO) RN given refers to cpd without isomeric designation; structure

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bufuralol 1'-hydroxylase
(RN) EC 1.14.99-
(HM) *HYDROXYLASES
(NO) liver microsomal enzyme utilizing NADPH & cytochrome P-450; competetive inhibition by debrisoquine

bulgecin
(RN) 83930-18-1
(HM) *GLYCOPEPTIDES
(NO) bacterial metabolite isolated from culture filtrate of P. acidophila & P. mesoacidophila; causes bulge formation in concert with beta-lactam antibiotics; glycopeptide MF C16-H28-N3-O14-S2

bullous pemphigoid antigen
(SY) BUPA
(HM) *AUTOANTIGENS
(II) PEMPHIGOID, BULLOUS
(NO) 220 Kdal glycoprotein; basement membrane component; involved in healing rabbit corneal epithelial wounds

bumecain
(RN) 30103-44-7
(RR) 19089-24-8 (HCl)
(SY) pyrromecain
(SY) pirromecaine
(SY) pyromecaine
(SY) N-butyl-alpha-pyrrolidine carbonic acid mesidine
(SY) pyromecaine-collagen ointment
(HM) *PYRROLIDINES
(PA) ANESTHETICS, LOCAL
(PA) ANTI-ARRHYTHMIA AGENTS
(II) OINTMENTS
(NO) RN given refers to parent cpd; structure

bumepidil see CS-611

bunamidine
(RN) 3748-77-4
(RR) 1055-55-6 (mono-HCl)
(SY) scolaban
(SY) N,N-dibutyl-4-(hexyloxy)-1-naphthamidine monohydrochloride
(HM) *AMIDINES
(PA) ANTICESTODAL AGENTS
(NO) veterinary anti-platyhelmintic agent used for taenia infestations; minor descriptor (75-85); on-line & Index Medicus search AMIDINES (75-85); RN given refers to parent cpd

Bungaris multicinctus venom fraction 9B
(SY) BMV 9B
(HM) *BUNGAROTOXINS
(II) NERVE GROWTH FACTORS
(NO) non-toxic protein venom component which induced neurite outgrowth from chick ganglionic neurons

bungarotoxin receptor see alpha-bungarotoxin receptor

buniodyl
(RN) 1233-53-0
(RR) 1923-76-8 (Na salt)
(HM) *IODOBENZENES
(II) CONTRAST MEDIA
(NO) RN given refers to parent cpd

BUPA see bullous pemphigoid antigen

buparvaquone
(RN) 88426-33-9
(SY) BW-720C
(SY) 2-((4-tert-butylcyclohexyl)methyl)-3-hydroxy-1,4-naphthoquinone
(SY) BW 720C
(HM) *NAPHTHOQUINONES
(PA) ANTIPROTOZOAL AGENTS
(NO) used in therapy of theileriasis; structure given in first source

bupicamide see bupicomide

bupicomide
(RN) 22632-06-0
(SY) bupicamide
(SY) SCH 10595
(HM) *FUSARIC ACID/analogs
(PA) ANTIHYPERTENSIVE AGENTS
(PA) VASODILATOR AGENTS
(NO) fusaric acid analog; dopamine beta-hydroxylase inhibitor; structure

bupropion
(RN) 34841-39-9
(RR) 34911-55-2 ((+-)-isomer)
(RR) 34841-36-6 (HCl)
(RR) 31677-93-7 (HCl(+-)-isomer)
(SY) wellbatrin
(HM) *PROPIOPHENONES
(PA) ANTIDEPRESSIVE AGENTS
(NO) RN given refers to parent cpd; structure

buquinolate
(RN) 5486-03-3
(SY) ethyl 4-hydroxy-6,7-diisobutoxy-3-quinolinecarboxylate
(SY) bonaid
(HM) *HYDROXYQUINOLINES
(PA) COCCIDIOSTATS
(NO) anticoccidial agent used in poultry; medicated birds achieve a higher level of egg production & weight gain; does not interfere in immunity formation to coccidia; minor descriptor (75-84); on-line & Index Medicus search HYDROXYQUINOLINES (75-84)

burgodin see bezitramide

Burinex K
(HM) *BUMETANIDE
(HM) *POTASSIUM
(HM) DRUG COMBINATIONS
(PA) DIURETICS
(NO) combination of above cpds; used in treatment of heart failure

Burkitt's Lymphoma associated glycolipid antigen see ceramide 3

buronil see metylperon

Burow's solution see aluminum acetate

buscopan compositum see nolotil (combination)

BUSI I
(SY) BUSI I inhibitor
(SY) BUSI I B2 isoinhibitor
(SY) BUSI I A isoinhibitor
(SY) BUSI B1 isoinhibitor
(HM) *GLYCOPROTEINS
(PA) PROTEASE INHIBITORS
(PA) ACROSIN/antag
(NO) acrosin inhibitor isolated from bull seminal plasma

BUSI II
(SY) BUSI II inhibitor
(SY) BUSI IIB
(SY) BUSI II B
(SY) BUSI IIA
(SY) BUSI II A
(HM) *GLYCOPROTEINS
(PA) PROTEASE INHIBITORS
(PA) ACROSIN/antag
(NO) acrosin inhibitor isolated from bull seminal plasma

BUSI IIA see BUSI II

BUSI II A see BUSI II

BUSI II B see BUSI II

BUSI IIB see BUSI II

BUSI II inhibitor see BUSI II

BUSI I inhibitor see BUSI I

BUSI B1 isoinhibitor see BUSI I

BUSI I A isoinhibitor see BUSI I

BUSI I B2 isoinhibitor see BUSI I

buspirone
(RN) 36505-84-7
(RR) 33386-08-2 (HCl)
(SY) MJ 9022
(SY) 8-(4-(4-(2-pyrimidiny)-1-piperazinyl)butyl)-8-azaspiro(4,5)decane-7,9-dione.HCl
(HM) *PYRIMIDINES
(PA) TRANQUILIZING AGENTS, MINOR
(NO) RN given refers to parent cpd

butacarb
(RN) 2655-19-8
(HM) *CARBAMATES
(PA) INSECTICIDES, CARBAMATE

butadiene diepoxide see erythritol anhydride

butadiene dioxide see erythritol anhydride

butadiene monoxide see 3,4-epoxy-1-butene

butadiene oxide see 3,4-epoxy-1-butene

1,3-butadiene
(RN) 106-99-0
(SY) divinyl
(HM) *BUTADIENES
(PA) MUTAGENS
(NO) structure in Merck Index, 9th ed, #1491

butafenon see butafenone

butafenone
(RN) 85414-48-8
(SY) butafenon
(HM) *PROPIOPHENONES
(PA) ANTI-ARRHYTHMIA AGENTS
(NO) structure given in first source

butalbital
(RN) 77-26-9
(RR) 2355d-70-3 (mono-Na salt)
(SY) allylbarbital
(HM) *BARBITURATES
(NO) RN given refers to parent cpd

butamben
(RN) 94-25-7
(SY) butesin
(SY) N-butyl-p-aminobenzoate
(SY) zyljectin
(SY) butyl aminobenzoate
(SY) butanylcaine
(SY) butylcaine
(HM) BENZOCAINE/*analogs
(PA) ANESTHETICS, LOCAL
(NO) structure

butamirate
(RN) 18109-81-4
(SY) Sinecod
(SY) HH 197
(SY) 2-(2-(diethylamino)ethoxy)ethyl-2-phenylbutyrate citrate
(HM) *PHENYLBUTYRATES
(PA) ANTITUSSIVE AGENTS
(NO) RN, N1 & SY refer to citrate salt; parent compound not in Chemline 1/7/80; structure

butanedial see succindialdehyde

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butanediol dehydrogenase
(RN) EC 1.1.1.4
(SY) acetoin reductase
(SY) D-aminopropanol dehydrogenase
(SY) D-1-amino-2-propanol-NAD oxidoreductase
(HM) *ALCOHOL OXIDOREDUCTASES
(NO) see also EC 1.1.1.75; D-aminopropanol dehydrogenase was classified as EC 1.1.1.74 from 1972-75

1,4-butanediol diglycidyl ether see 1,4-bis(2,3-epoxypropoxy)butane

1,3-butanediol see 1,3-butylene glycol

1,4-butanediol
(RN) 110-63-4
(HM) *BUTANEDIOLS

2,3-butanediol see 2,3-butylene glycol

butanedione see erythritol anhydride

O,O'-1,4-butanediylbis(hydroxylamine) see O-delta-aminooxybutylhydroxylamine

Butanic acid, 2-methyl-,1,2,3,7,8,8a-hexahydro-3,7-dimethyl-8-(2-(tetrahydro-4-hydroxy-6-oxo-2H-pyran-2-yl)ethyl)-1-naphthalenyl ester,(1S-(1alpha(R*),3alpha, 7beta,8beta(2S*,4S*),8beta)) see mevinolin

butanoic acid see butyric acid

Butanoic acid, 2-amino-4-(S-butylsulfonimidoyl) see buthionine sulfoximine

1-butanoic acid-1,6-dicarbaoxytocin see oxytocin, 1,6-alpha-Asu-

n-butanol see n-butyl alcohol

1-butanol see n-butyl alcohol

2-butanol
(RN) 78-92-2
(RR) 51018-25-8 (Li salt(S)-isomer)
(RR) 51018-24-7 (Li salt(R)-isomer)
(RR) 50824-99-2 (Li salt(+-)-isomer
(RR) 2269-22-9 (3Al salt)
(RR) 15892-23-6 ((+-)-isomer)
(RR) 14898-79-4 ((-)-isomer)
(RR) 4221-99-2 ((+)-isomer)
(SY) sec-butyl alcohol
(HM) *ALCOHOLS, BUTYL
(NO) RN given is for parent cpd without isomeric designation

N-(2-(2-butanoyl)-4-nitrophenoxyethyl)-N, N-bis(2-chloroethyl)amine
(SY) BNPCA
(HM) *BUTYROPHENONES
(HM) *NITROGEN MUSTARD COMPOUNDS
(PA) ANTINEOPLASTIC AGENTS
(NO) structure given in first source

butantrone see 10-butyryl dithranol

butanylcaine see butamben

butein
(RN) 487-52-5
(SY) 2',3,4,4'-tetrahydroxychalcone
(HM) *CHALCONE/analogs
(NO) RN given refers to (E)-isomer; RN for cpd without isomeric designation not in Chemline 5/84; structure given in first source

2-butenal
(RN) 4170-30-3
(RR) 123-73-9 ((E)-isomer)
(RR) 25447-68-1 (cpd with unspecified locant for double bond)
(SY) crotonaldehyde
(HM) *ALDEHYDES
(NO) RN given refers to cpd without isomeric designation

2-butene-1,4-diol see penitricin C

cis-2-butene-1,2,3-tricarboxylic acid see alpha-methylaconitate

butenolide
(RN) 497-23-4
(SY) crotonolactone
(HM) *FURANS

1-(1-butenyl)-2,5-cycloheptadiene see ectocarpene

3-butenyl-(3-hydroxypropyl)nitrosamine
(RN) 61424-18-8
(SY) BHPN
(HM) *NITROSAMINES
(PA) CARCINOGENS
(NO) structure given in first source

butesin see butamben

butestrol
(RN) 5776-76-1
(RR) 17808-24-1 ((R*,R*)-(-)-isomer)
(RR) 15542-16-2 ((R*,R*)-(+)-isomer)
(RR) 2962-14-3 ((R-(R*,S*))-isomer)
(SY) isobutestrol
(SY) 1,2-bis(4-hydroxyphenyl)butane
(SY) meso-DMA
(HM) HEXESTROL/*analogs
(II) ESTROGENS, NON-STEROIDAL
(II) CONTRACEPTIVES, POSTCOITAL
(NO) RN given refers to (R*,R*)-(+-)-isomer; RN for cpd without isomeric designation not in Chemline 8/84

buthal
(RN) 77-28-1
(RR) 35763-44-1 (mono-Na salt)
(SY) butobarbitone
(SY) butobarbital
(HM) *BUTABARBITAL/analogs
(NO) RN given refers to parent cpd

buthiazide see butizide

buthioate see Denmert

buthiobate see Denmert

buthionine
(RN) 4378-14-7
(RR) 13073-22-8 ((D)-isomer)
(RR) 13073-21-7 ((L)-isomer)
(RR) 3343-64-4 ((DL)-isomer)
(HM) METHIONINE/*analogs
(NO) RN given refers to cpd without isomeric designation

buthionine-SR-sulfoximine see buthionine sulfoximine

buthionine sulfoximine
(RN) 5072-26-4
(RR) 71765-30-5 (former CAS registry number)
(RR) 83730-53-4 ((2S)-isomer)
(SY) S-n-butylhomocysteine sulfoximine
(SY) buthionine-SR-sulfoximine
(SY) Butanoic acid, 2-amino-4-(S-butylsulfonimidoyl)
(SY) Sulfoximine, S-(3-amino-3-carboxypropyl)-sec-butyl-, DL-
(SY) Sulfoximine, S-(3-amino-3-carboxypropyl)-sec-butyl-
(HM) METHIONINE SULFOXIMINE/*analogs
(NO) selective inhibitor of gamma-glutamyl-cysteine synthetase; structure; RN given refers to cpd without isomeric designation

buthiopurine
(RN) 608-12-8
(SY) citogran
(HM) 6-MERCAPTOPURINE/*analogs
(PA) ANTINEOPLASTIC AGENTS
(NO) structure

BUTHS see butoctamide hydrogen succinate

butifos see butyl phosphorotrithioate

butikacin
(RN) 59733-86-7
(RR) 68779-22-6 (sulfate(S)-isomer)
(SY) UK-18892
(SY) 1-N-((S)-4-amino-2-hydroxybutyl)-kanamycin
(HM) AMIKACIN/*analogs
(NO) RN given refers to (S)-isomer; RN for cpd without isomeric designation not in Chemline 1/9/84; structure

butizide
(RN) 2043-38-1
(SY) buthiazide
(SY) hydrochlorbuthiazide
(SY) isobutylhydrochlorothiazide
(SY) thisbutazide
(HM) HYDROCHLOROTHIAZIDE/*analogs
(PA) DIURETICS, THIAZIDE
(NO) 3-isobutyl analog of hydrochlorothiazide; structure

butobarbital see butethal

butobarbitone see butethal

butocarboxime
(RN) 34681-10-2
(SY) Drawin
(HM) *ALDICARB/analogs
(NO) structure given in first source

butocin
(RN) 22181-94-8
(SY) N-(5-(6-purinylthio)valeryl)glycine ethyl ester
(SY) NSC-172755
(SY) butocine
(SY) butoglycine
(HM) 6-MERCAPTOPURINE/*analogs
(PA) ANTIMETABOLITES, ANTINEOPLASTIC
(PA) ANTIMETABOLITES
(NO) S-substituted analog of mercaptopurine which functions as a cytostatic agent; minor descriptor (75-85); on-line search 6-MERCAPTOPURINE/AA (75-84); Index Medicus search MERCAPTOPURINE/analogs (75-84)

butocine see butocin

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butoconazole
(RN) 67085-13-6
(RR) 64872-76-0 (duplicate RN for parent cpd)
(RR) 64872-77-1 (duplicate RN for nitrate)
(RR) 67085-14-7 (nitrate)
(SY) butoconazole nitrate
(SY) 1-(4-(4-chlorophenyl)-2-(2,6-dichlorophenylthio) -n-butyl)-1H-imidazole
(SY) RS 35887
(HM) *IMIDAZOLES
(PA) ANTIFUNGAL AGENTS
(NO) RN given refers to parent cpd; structure

butoconazole nitrate see butoconazole

butoctamide hydrogen succinate
(RN) 32838-28-1
(RR) 36556-79-3 (mono-Na salt)
(RR) 32266-82-3 (Ca salt[2:1])
(SY) BUTHS
(SY) butoctamide succinate
(HM) *HYDROXYBUTYRATES
(NO) increases REM sleep in chronically prepared cats; RN given refers to parent cpd; structure given in first source

butoctamide succinate see butoctamide hydrogen succinate

butofilolol
(RN) 58930-32-8
(RR) 64552-17-6 ((+-)-isomer)
(SY) CM 6805
(SY) CM-6805
(SY) cafide
(HM) *PROPANOLAMINES
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS
(NO) RN given refers to cpd without isomeric designation; structure in USAN

butoglycine see butocin

butonate
(RN) 126-22-7
(SY) tribufon
(SY) tribuphon
(SY) Pedix PE 50
(HM) *ORGANOPHOSPHORUS COMPOUNDS
(PA) ANTHELMINTICS
(PA) INSECTICIDES, ORGANOPHOSPHATE
(PA) CHOLINESTERASE INHIBITORS
(NO) structure

butoprozine
(RN) 62228-20-0
(RR) 62134-34-3 (HCl)
(RR) 64467-04-5 (oxalate)
(SY) "benzoylindolizine"
(SY) L 1934
(SY) 2-ethyl-3-(4-gamma-di-n-butylaminopropoxybenzoyl)indolizine
(SY) "benzoyl-indolizine"
(SY) L 9394
(HM) *AMIODARONE/analogs
(PA) SYMPATHOLYTICS
(PA) ANTI-ARRHYTHMIA AGENTS
(NO) benzoylindolizine derivative related to amiodarone; RN given refers to parent cpd; structure

3-butoxy-2-acetylaminopropionic acid
(SY) BUAPA
(HM) ALANINE/*analogs
(NO) n-butylglycidyl ether metabolite

N-(4-butoxybenzyl)formamide
(RN) 87578-63-0
(SY) 4-BBFA
(SY) N-(para-butoxybenzyl)formamide
(HM) *FORMAMIDES
(PA) ALCOHOL OXIDOREDUCTASES/antag
(NO) structure given in first source

butoxybenzyl hyoscyamine
(RN) 29025-14-7
(RR) 53229-13-3 (bromide(3(S)-exo)-isomer)
(RR) 39013-88-2 (bromide(endo-(+-))-isomer)
(SY) butropium bromide
(SY) butoxybenzyl hyoscyamine bromide
(HM) *ATROPINE DERIVATIVES
(PA) PARASYMPATHOLYTICS
(NO) RN given refers to bromide(3(S)-endo)-isomer; RN for parent cpd not in Chemline 1/9/84; structure

butoxybenzyl hyoscyamine bromide see butoxybenzyl hyoscyamine

4-butoxy-4'-(dimethylamino)thiocarbanilide see thiambutosine

1-n-butoxy-3-(2,6-dimethylphenyl)carbamoyl)guanidine hydrochloride see WHR 1370A

1-n-butoxy-2,3-epoxypropane see n-butyl glycidyl ether

n-butoxyethanol
(RN) 111-76-2
(RR) 52663-57-7 (Na salt)
(SY) butylcellosolve
(SY) ethyleneglycol monobutyl ether
(HM) *ETHYLENE GLYCOLS
(NO) RN given refers to parent cpd; structure

butoxyethanol ester of 2,4-dichlorophenoxyacetic acid
(RN) 1929-73-3
(SY) BEE 2,4-D
(HM) 2,4-DICHLOROPHENOXYACETIC ACID/*analogs

4-(3-(p-butoxyphenoxy)propyl)morpholine see pramocaine

4-(3-(4-butoxyphenoxy)propyl)morpholine see pramocaine

4-butoxyphenylacetamide
(RN) 3413-59-0
(RR) 63722-40-7 (HCl)
(SY) 4-BPAA
(SY) para-butoxyphenylacetamide
(HM) *ACETAMIDES
(PA) ALCOHOL OXIDOREDUCTASES/antag
(NO) structure given in first source

5-butoxypicolinic acid
(RN) 62724-83-8
(SY) 5-BOP
(HM) *PICOLINIC ACIDS
(PA) ANTIHYPERTENSIVE AGENTS
(NO) structure given in first source

butoxyprocaine see benoxinate

2-butoxy-2-propenylidene methanaminium see K 152,564

butralin
(RN) 33629-47-9
(SY) N-sec-butyl-4-tert-butyl-2,6-dinitroaniline
(HM) *ANILINE COMPOUNDS
(PA) HERBICIDES
(NO) structure

butropium bromide see butoxybenzyl hyoscyamine

buturon
(RN) 3766-60-7
(HM) *METHYLUREA COMPOUNDS
(PA) HERBICIDES, UREA

butvar B-98
(HM) *RESINS, SYNTHETIC
(NO) thin-specimen support film in electron microscopy

butyl acetate
(RN) 123-86-4
(SY) acetic acid butyl ester
(HM) *ACETIC ACID ESTERS
(II) ODORS
(II) PERFUME
(II) ADHESIVES
(NO) structure

butyl acrylate see n-butyl acrylate

n-butyl acrylate
(RN) 141-32-2
(SY) acrylic acid butyl ester
(SY) butyl acrylate
(HM) *ACRYLATES
(II) AIR POLLUTANTS, OCCUPATIONAL

n-butyl alcohol
(RN) 71-36-3
(RR) 35296-72-1 (unspecified butanol)
(RR) 3085-30-1 (Al salt)
(RR) 25063-27-8 (Ge(+4) salt)
(RR) 2698-11-5 (Li salt)
(RR) 15921-15-0 (Mg salt)
(RR) 51030-47-8 (Nb(+5) salt)
(RR) 2372-45-4 (Na salt)
(RR) 51094-78-1 (Ta(+5) salt)
(RR) 5593-70-4 (Ti(+4) salt)
(RR) 1071-76-7 (Zr(+4) salt)
(RR) 3999-70-0 (K salt)
(SY) n-butanol
(SY) 1-butanol
(HM) *ALCOHOLS, BUTYL
(NO) RN given refers to parent cpd; RNs for other salts may be found in CA Chem Form Indexes

N-butyl-alpha-pyrrolidine carbonic acid mesidine see bumecain

n-butylamine
(RN) 109-73-9
(RR) 3858-78-4 (HCl)
(RR) 36559-70-3 (14C-labeled cpd HCl)
(RR) 15567-09-6 (HBr)
(SY) 1-butylamine
(HM) *BUTYLAMINES
(NO) RN given refers to parent cpd

4-butylamine-1-ethyl-6-methyl-pyrazolo(3,4)pyridine-5-carboxylic acid ethyl ester see tracazolate

1-butylamine see n-butylamine

butyl aminobenzoate see butamben

N-butyl-p-aminobenzoate see butamben

4-(((butylamino)carbonyl)amino)sulfonylbenzoic acid see carboxytolbutamide

1-t-butylamino-3-(2',3'-dimethylphenoxy)-2-propanol, HCl see D-32

Di-3-(2-(3-t-butylamino-2-hydroxypropoxy)phenyl)-6-hydrazinopyridazine see prizidilol

3-(2-(3-t-butylamino-2-hydroxy-propoxy)phenyl)-6-hydrazinopyridazine see prizidilol

(t-butyl-3-amino-2-propanol)-9-oximinofluorene.HCl see IPS 339

4-N-butylamino-1,2,3,4-tetrahydroacridine see centbucridine

N-t-butylarterenol see colterol

butylbenzyl phthalate
(RN) 85-68-7
(SY) BBPHT
(HM) *PHTHALIC ACIDS

4-butyl-4-(beta-carboxypropionyloxymethyl)-1,2-diphenyl-3,5-pyrazolidinedione see suxibuzone

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n-butylboronate see n-butylboronic acid

n-butylboronic acid
(RN) 4426-47-5
(SY) n-butylboronate
(HM) *BORONIC ACIDS
(NO) structure in first source

N(6)-n-butyl-8-BTCAMP see 8-benzylthio-N(6)-n-butyladenosine cyclic-3,5'-monophosphate

butylcaine see butamben

butylcaptax
(RN) 2314-17-2
(HM) *THIAZOLES
(II) DEFOLIANTS, CHEMICAL

1-n-butylcarbamoyl oxfendazole
(RN) 62020-59-1
(SY) C4-OFZ
(HM) *BENZIMIDAZOLES
(PA) ANTHELMINTICS

butyl(3-carboxypropyl)nitrosamine
(RN) 38252-74-3
(SY) BCPN
(HM) *NITROSAMINES
(PA) CARCINOGENS
(NO) urinary metabolite of butyl(4-hydroxybutyl)nitrosamine; structure

butylcellosolve see n-butoxyethanol

butyl chloride
(RN) 109-69-3
(SY) 1-chlorobutane
(HM) *BUTANES
(NO) structure

2-butyl-1,2-dihydro-3H-indazol-3-one
(RN) 89438-55-1
(SY) N(2)-n-butylindazol-3-one
(HM) *INDAZOLES
(PA) ANTILIPEMIC AGENTS
(NO) structure given in first source

3-N-butyl-4,5-dihydrophthalide
(RN) 62006-39-7
(RR) 63038-10-8 ((S)-isomer)
(HM) *BENZOFURANS
(PA) ANTICONVULSANTS
(II) PLANTS, MEDICINAL
(NO) from seeds of Apium graveolens Linn.; RN given refers to (-)-isomer; RN for cpd without isomeric designation not in Chemline 8/85; structure given in first source

1-butyl-3-(1-(6,7-dimethoxyquinazolin-4-yl)piperidin-4-yl)urea see UK 14275

2-n-butyl-3-(dimethylamino)-5,6-methylenedioxyindene
(RN) 66789-16-0
(RR) 72143-14-7 (HCl)
(HM) *INDENES
(PA) ANTI-ARRHYTHMIA AGENTS
(NO) affects calcium-induced arrhythmias; RN given refers to parent cpd

4-butyldioxolane
(HM) *DIOXOLANES
(NO) structure given in first source

n-butyl disulfide
(RN) 629-45-8
(HM) *SULFIDES
(NO) oxidation product of butyl mercaptan

1,3-butylene glycol
(RN) 107-88-0
(RR) 6290-03-5 ((R)-isomer)
(RR) 18826-95-4 ((DL)-isomer)
(RR) 24621-61-2 ((S)-isomer)
(RR) 62064-81-7 (14C-labled cpd)
(SY) 1,3-butanediol
(HM) *BUTANEDIOLS
(NO) RN given refers to cpd without isomeric designation

2,3-butylene glycol
(RN) 513-85-9
(RR) 25265-75-2 (cpd with unspecified diol locants)
(RR) 35007-63-7 ((R*,R*)-isomer)
(RR) 6982-25-8 ((R*,R*,)-(+-)-isomer)
(RR) 24347-58-8 (R-(R*,R*))-isomer)
(RR) 5341-95-7 ((R*,S*)-isomer)
(RR) 19132-06-0 ((S-(R*,R*))-isomer)
(SY) 2,3-butanediol
(HM) *BUTANEDIOLS
(NO) RN given refers to cpd without isomeric designation

butyl ester 2,4-D see 2,4-D n-butyl ester

2,4-D n-butyl ester
(RN) 94-80-4
(SY) butyl ester 2,4-D
(HM) 2,4-DICHLOROPHENOXYACETIC ACID/*analogs

butyl ethyl ketone see ethyl-n-butyl ketone

n-butyl glycidyl ether
(RN) 2426-08-6
(SY) 1-n-butoxy-2,3-epoxypropane
(HM) *EPOXY COMPOUNDS
(PA) MUTAGENS
(NO) structure

S-n-butylhomocysteine sulfoximine see buthionine sulfoximine

butyl-p-hydroxybenzoate see butylparaben

N(2)-n-butylindazol-3-one see 2-butyl-1,2-dihydro-3H-indazol-3-one

5-butylisatin
(RN) 18331-71-0
(HM) *ISATIN/analogs

butyl isocyanide
(RN) 2769-64-4
(HM) *NITRILES

butyl isothiocyanate
(RN) 592-82-5
(HM) *THIOCYANATES

butyl malonate see n-butylmalonic acid

n-butyl malonate see n-butylmalonic acid

2-n-butylmalonate
(RN) 534-59-8
(SY) butylmalonic acid
(HM) *MALONATES
(NO) structure

n-butylmalonic acid
(RN) 5917-45-3
(SY) n-butyl malonate
(SY) butyl malonate
(HM) *MALONATES

butylmalonic acid see 2-n-butylmalonate

n-butyl mercaptan
(RN) 109-79-5
(RR) 36169-16-1 (Sn(+2) salt)
(RR) 4860-18-8 (Cu(+1)
(RR) 59588-93-1 (Ge(+2) salt)
(RR) 32812-85-4 (Pb(+2) salt)
(RR) 20609-68-1 (Li salt)
(RR) 23601-34-5 (Hg(+2) salt)
(RR) 42592-18-7 (Mo(+3) salt)
(RR) 26385-25-1 (K salt)
(RR) 4779-86-6 (Na salt)
(RR) 70247-07-3 (Ag(+1) salt)
(RR) 71464-90-9 (2-(14)C,2-(35)S-labeled cpd)
(RR) 71464-89-6 (14C,1-(35)S-labeled cpd)
(RR) 71464-88-5 (1,2-(14)C,2-(35)S-labeled cpd)
(HM) *SULFHYDRYL COMPOUNDS
(NO) hydrolytic product of merphos; RN given refers to parent cpd

butyl methacrylate
(RN) 9003-63-8
(HM) *POLYMETHACRYLIC ACIDS

butylmethanesulfonate
(RN) 1912-32-9
(HM) *METHANESULFONATES
(PA) MUTAGENS
(PA) CARCINOGENS

N-butyl-N-(4-methyloxazol-2-yl)-2-methylpropanamide see isamoxole

butyl-4((4-methyl-1-piperazinyl)methyl)-4-diphenyl-1,2-pyrazolidione-3,5 see pipebuzone

2,2'-3-(2-(3-butyl-4-methyl-2-thiazolin-2-ylidene)ethylidene)propylene)bis(3-butyl-4-methyl thiazolinium iodide see butyl-platonin

n-butyl nitrite
(RN) 544-16-1
(RR) 3681-80-9 (15N-labeled cpd)
(SY) butyl nitrite
(HM) *NITRITES
(PA) VASODILATOR AGENTS
(NO) RN given refers to parent cpd; structure in Merck Index, 9th ed. #1570

butyl nitrite see n-butyl nitrite

N-butyl-N'-nitro-N-nitrosoguanidine
(RN) 13010-08-7
(SY) BNNG
(HM) METHYLNITRONITROSOGUANIDINE/*analogs
(PA) MUTAGENS

butylnitrosourea see N-nitrosobutylurea

N-butyl-N-nitrosourea see N-nitrosobutylurea

1-butyl-1-nitrosourea see N-nitrosobutylurea

N-butyl-N-nitrosourethane see N-n-butyl-N-nitrosourethane

N-n-butyl-N-nitrosourethane
(RN) 6558-78-7
(SY) BNUR
(SY) N-butyl-N-nitrosourethan
(SY) N-butyl-N-nitrosourethane
(HM) NITROSOMETHYLURETHANE/*analogs
(PA) CARCINOGENS
(NO) structure

N-butyl-N-nitrosourethan see N-n-butyl-N-nitrosourethane

5-butyl-3H-1,3-oxazine-2,6-dione
(SY) B-1,3-OD
(HM) *OXAZINES
(PA) CHYMOTRYPSIN/antag
(NO) structure given in first source

butyloxycarbonyl group see t-butyloxycarbonyl group

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butyloxycarbonyl-leucyl-glycyl-arginine-4-nitroanilide
(RN) 68223-96-1
(SY) boc-Leu-Gly-Arg-pNA
(SY) butyloxycarbonyl-leucyl-glycyl-arginyl-para-nitroanilide
(HM) *OLIGOPEPTIDES
(II) CHROMOGENIC COMPOUNDS
(NO) synthetic chromogenic substrate

butyloxycarbonyl-leucyl-glycyl-arginyl-para- nitroanilide see butyloxycarbonyl-leucyl-glycyl-arginine-4-nitroanilide

butyloxycarbonyl-4-methylene-glutamyl-glutamyl-valine
(SY) Boc-MeGlu-Glu-Val
(HM) *OLIGOPEPTIDES
(NO) inhibitor of vitamin K-dependent carboxylation

butyloxycarbonyl-phenylalanyl-leucyl-lysine
(RN) 82050-16-6
(SY) Boc-Phe-Leu-Lys-H
(SY) BPLL
(HM) *OLIGOPEPTIDES
(PA) PROTEASE INHIBITORS
(NO) RN given from Toxline refers to D-Phe isomer; RN not in Chemline 4/85

butyloxycarbonyl-phenylalanyl-phenylalanyl-lysine
(RN) 96386-05-9
(SY) Boc-Phe-Phe-Lys-H
(SY) BPPL
(HM) *OLIGOPEPTIDES
(PA) PROTEASE INHIBITORS
(NO) RN given refers to (D-Phe),(L-Lys),(L)-Phe)-isomer; RN for cpd without isomeric designation not available 7/85

butyloxycarbonyl-phenylalanyl-prolyl-arginine
(RN) 82084-92-2
(SY) Boc-Phe-Pro-Arg-H
(SY) BPPA
(HM) *OLIGOPEPTIDES
(PA) PROTEASE INHIBITORS
(NO) RN given from Toxline refers to D-Phe isomer; RN not in Chemline 4/85

butylparaben
(RN) 94-26-8
(SY) butyl-p-hydroxybenzoate
(HM) *PARABENS

butylphen
(RN) 98-54-4
(SY) p-tert-butylphenol
(HM) *PHENOLS
(NO) irritant; structure

2-t-butylphenol see 2-tert-butylphenol

N(2)-(4-n-butylphenyl)-2'-deoxyguanosine 5'-triphosphate
(RN) 87782-05-6
(RR) 87782-06-7 (NH3 salt)
(SY) NBPDGT
(SY) butylphenyl dGTP
(HM) *DEOXYGUANINE NUCLEOTIDES
(PA) DNA POLYMERASE II/antag
(NO) RN & structure given in first source; RN given refers to parent cpd

N(2)-(4-n-butylphenyl)-2'-deoxyguanosine
(RN) 87781-96-2
(SY) NBPDG
(HM) DEOXYGUANOSINE/*analogs
(PA) DNA POLYMERASE II/antag
(NO) RN & structure given in first source; RN not in Chemline 3/84

butylphenyl dGTP see N(2)-(4-n-butylphenyl)-2'-deoxyguanosine 5'- triphosphate

butyl phosphorotrithioate
(RN) 78-48-8
(SY) butyphos
(SY) DEF
(SY) S,S,S-tributyl trithiophosphate
(SY) S,S,S-tributyl phosphorotrithioate
(SY) tributyl S,S,S-phosphorotrithioate
(SY) butifos
(HM) *THIOPHOSPHORIC ACID ESTERS
(PA) HERBICIDES
(II) DEFOLIANTS, CHEMICAL
(NO) structure

3'-(1-butylphosphoryl)adenosine
(RN) 52278-63-4
(SY) B-factor
(HM) ADENOSINE MONOPHOSPHATE/*analogs
(NO) regulatory substance inducing production of rifamycin in Nocardia sp; structure given in first source

butyl-platonin
(RN) 79574-11-1
(SY) NK-24
(SY) Tris-C(4)(5)
(SY) 2,2'-3-(2-(3-butyl-4-methyl-2-thiazolin-2-ylidene)ethylidene)propylene)bis(3-butyl-4- methyl thiazolinium iodide
(HM) *THIAZOLES
(II) DYES
(II) UNCOUPLING AGENTS
(NO) structure given in first source

butyl rubber
(RN) 9010-85-9
(RR) 9006-49-9 (former CAS registry number)
(HM) *RUBBER
(NO) russian

butyl stearate
(RN) 123-95-5
(SY) n-butyl stearate
(HM) *STEARATES

n-butyl stearate see butyl stearate

butyl-toyopearl 650
(SY) butyl-toyopearl-650
(SY) BTP 650
(HM) *POLYMERS
(NO) butyl derivative of toyopearl HW-65C; hydrophobic adsorbant for water-soluble enzyme proteins

butyl-toyopearl-650 see butyl-toyopearl 650

butyltriphenylphosphonium
(RN) 22949-84-4
(RR) 1779-51-7 (bromide)
(HM) *ORGANOPHOSPHORUS COMPOUNDS
(HM) *ONIUM COMPOUNDS
(NO) RN given refers to iodide; parent cpd not in Chemline 6/29/83

butylurea
(RN) 592-31-4
(HM) UREA/*analogs
(PA) ANTISICKLING AGENTS
(NO) CNS depressant

butylvinal
(RN) 2430-49-1
(RR) 5767-33-9 ((-)-isomer)
(SY) Bykonox
(SY) Speda
(SY) Suppoptanox
(SY) vinylbital
(SY) 5- vinyl-5-(1-methylbutyl)barbituric acid
(HM) *BUTABARBITAL/analogs
(PA) HYPNOTICS AND SEDATIVES
(NO) RN given refers to cpd without isomeric designation

2-butynedioic acid
(RN) 142-45-0
(RR) 923-04-1 (K salt)
(SY) acetylenedicarboxylic acid
(HM) *FATTY ACIDS, UNSATURATED
(NO) RN given refers to parent cpd

2-butyne-1,4-diol
(RN) 110-65-6
(HM) *BUTANEDIOLS

butynorate
(RN) 77-58-7
(SY) dibutyltin dilaurate
(SY) dibutylbis(lauroyloxy)tin
(SY) davainex
(SY) tinostat
(HM) *ORGANOTIN COMPOUNDS
(PA) ANTHELMINTICS
(PA) COCCIDIOSTATS
(NO) used in prevention of parasitic dieases in cattle and sheep

1-butyn-3-yl 3-chlorophenylcarbamate see chlorbufam

butyphos see butyl phosphorotrithioate

butyraldehyde
(RN) 123-72-8
(HM) *ALDEHYDES

butyrate see butyric acid

n-butyrate see butyric acid

butyrate esterase see butyrylesterase

butyric acid
(RN) 107-92-6
(RR) 461-55-2 (ion(1-))
(RR) 156-54-7 (Na salt)
(RR) 589-39-9 (K salt)
(RR) 5743-36-2 (Ca salt)
(RR) 13282-37-6 (Zn salt)
(RR) 14287-04-8 (NH4 salt)
(RR) 19664-95-0 (Mn salt)
(RR) 50961-09-6 (11C-labeled cpd Na salt)
(RR) 56047-14-4 (Rh(+2) salt)
(RR) 63785-13-7 (hemi-NH4 salt)
(SY) butanoic acid
(SY) butyrate
(SY) sodium butyrate
(SY) n-butyrate
(HM) *BUTYRIC ACIDS
(NO) RN given refers to parent cpd

butyric acid ethyl ester see ethyl butyrate

butyricin 7423
(RN) 56092-83-2
(HM) *BACTERIAL PROTEINS
(II) BACTERIOCINS

butyrine
(RN) 80-60-4
(RR) 1492-24-6 ((S)-isomer)
(RR) 2835-81-6 ((+-)-isomer)
(RR) 2623-91-8 ((R)-isomer)
(SY) 2-aminobutyric acid
(SY) alpha-aminobutyric acid
(HM) *AMINOBUTYRIC ACIDS
(NO) RN given refers to cpd without isomeric designation

butyrobetaine hydroxylase see gamma-butyrobetaine,2-oxoglutarate dioxygenase

4-butyrolactone receptors see 4-butyrolactone receptor

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4-butyrolactone receptor
(SY) gamma-butyrolactone receptors
(SY) receptor, gamma-butyrolactone
(SY) receptor, 4-butyrolactone
(SY) 4-butyrolactone receptors
(HM) *RECEPTORS, GABA-BENZODIAZEPINE
(II) 4-BUTYROLACTONE
(NO) works via GABA receptor

butyrophilin
(HM) *GLYCOPROTEINS
(II) MILK PROTEINS
(II) MEMBRANE PROTEINS
(NO) acidic glycoprotein from milk fat globule membrane with apparent mol wt 67,000

butyroxan
(RN) 59939-57-0
(RR) 66257-32-7 (former CAS registry number)
(SY) omega-(3'-phenyl-1'-pyrrolidinyl)-6-butyrylbenzo(1,4)dioxane
(HM) *DIOXANES
(PA) ADRENERGIC ALPHA RECEPTOR BLOCKADERS
(NO) analog of propoxan; RN given refers to HCl; RN for parent cpd not in Chemline 6/15/83

butyrylcholine
(RN) 3922-86-9
(RR) 2494-56-6 (iodide)
(RR) 20292-68-6 (perchlorate)
(RR) 18956-84-8 (bromide)
(RR) 2963-78-2 (chloride)
(SY) butyrylcholine iodide
(HM) CHOLINE/*analogs
(NO) RN given refers to parent cpd

butyrylcholine iodide see butyrylcholine

1-N-butyryl-4-cinnamylpiperazine see AP-237

butyryl-CoA see butyryl-coenzyme A

butyryl-CoA dehydrogenase
(RN) EC 1.3.99.2
(RR) 9027-88-7 (CRN)
(SY) butyryl dehydrogenase
(HM) *FATTY ACID DESATURASES
(NO) electron-transferring flavoprotein system reducing ubiquinone & other acceptors; formerly EC 1.3.2.1

butyryl-CoA synthetase
(RN) EC 6.2.1.2
(RR) 9080-51-7 (CRN)
(SY) fatty acid thiokinase (medium chain)
(SY) L-3-hydroxybutyl-CoA ligase
(SY) octanoyl CoA synthase
(HM) *COENZYME A SYNTHETASES

butyryl-coenzyme A
(RN) 2140-48-9
(SY) butyryl-CoA
(SY) coenzyme A, butyryl-
(HM) *ACYL COENZYME A

butyryl dehydrogenase see butyryl-CoA dehydrogenase

10-butyryl dithranol
(RN) 75464-11-8
(SY) butantrone
(HM) *ANTHRALIN/analogs
(II) IRRITANTS

butyrylesterase
(RN) EC 3.1.1.-
(SY) butyrate esterase
(HM) *CARBOXYLIC ESTER HYDROLASES

N-butyrylglycine
(RN) 20208-73-5
(HM) GLYCINE/*analogs

Bu-1880 see octapeptin antibiotics

BU-2313 A
(RN) 69774-86-3
(RR) 69831-38-5 (Na salt)
(SY) Bu 2313 A
(HM) *STREPTOLYDIGIN/analogs
(NO) produced by unidentified oligosporic actinomycete strain No. E864-61; broad antibiotic spectrum against G+ & G- anaerobic bacteria; BU-2313 forboth BU-2313 A & BU-2313 B; see also BU-2313 B; RN given refers to (2R-(2alpha,3alpha,3aalpha,5alpha(1R*,2E,4E)=,6beta,7alpha,9abeta)-isomer; cpd without isomeric designation not in Chemline 6/23/83; structure given in first source

Bu 2313 A see BU-2313 A

BU-2313 B
(RN) 69774-87-4
(RR) 69831-39-6 (Na salt)
(SY) Bu 2313 B
(HM) *STREPTOLYDIGIN/analogs
(NO) actinomycete strain No. E864-61; broad antibiotic spectrum against G+ & G- anaerobic bacteria; RN given refers to (2R-(2alpha,3alpha,3aalpha,5alpha(1R*,2E,4E)=,6beta,7alpha,9abeta)-isomer; cpd without isomeric designation not in Chemline 6/29/83; structure in first source; see also record for BU-2313 A

Bu 2313 B see BU-2313 B

Bu 2470 see octapeptin antibiotics

Bu 2470 A see octapeptin antibiotics

Bu 2470 B1 see octapeptin antibiotics

Bu 2470 B2a see octapeptin antibiotics

Bu 2470 B2b see octapeptin antibiotics

Bu 2743E
(RN) 88167-28-6
(SY) Bu-2743E
(SY) (2,3-dihydroxybenzoyl)alanylthreonine
(SY) (2,3-dihydroxybenzoyl)-L-alanyl-L-threonine
(HM) *DIPEPTIDES
(PA) LEUCINE AMINOPEPTIDASE/antag

Bu-2743E see Bu 2743E

BVAP see bee venom-albumin polymer

BV-ara-U see
1-beta-D-arabinofuranosyl-5-(2-bromovinyl)uracil

BV-CAP
(SY) BV CAP
(SY) CAVBP
(HM) BLEOMYCINS
(HM) VINCRISTINE
(HM) CYCLOPHOSPHAMIDE
(HM) DOXORUBICIN
(HM) CISPLATIN
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of bleomycin, vincristine, cytoxan, adriamyucin & cis-platinum

BV CAP see BV-CAP

BVC AP40 see bio-vitroceramic AP40

BVCPP
(SY) BCVPP
(HM) CARMUSTINE
(HM) VINBLASTINE
(HM) CYCLOPHOSPHAMIDE
(HM) PROCARBAZINE
(HM) PREDNISONE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above 5 cpds

5-BVDC see 5-(2-bromovinyl)-2'-deoxycytidine

BV(5)dUTP see
5-(2-bromovinyl)-2'-deoxyuridine-5'-triphosphate

5-BVDU see 5-(2-bromovinyl)-2'-deoxyuridine

BVLGAA see
tert-butyloxycarbonyl-valyl-leucyl-glycyl-arginine-3-amino-9-ethylcarbazole

BVMP regimen
(HM) BLEOMYCINS
(HM) VINCRISTINE
(HM) METHOTREXATE
(HM) PREDNISONE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds; used in therapy of prostatic neoplasms

BVP
(HM) VINBLASTINE
(HM) BLEOMYCINS
(HM) PREDNISONE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

BVPAM see
tertiary-butyloxycarbonyl-valyl-prolyl-arginyl-7-amino-4-methylcoumarin

BWA-444-U see BWA444U

BW-A444U see BWA444U

BWA 444U see BWA444U

BWA444U
(RN) 73909-73-6
(SY) BWA 444 U
(SY) BW-A444U
(SY) BWA-444-U
(SY) BWA 444U
(HM) *NEUROMUSCULAR BLOCKING AGENTS
(PA) CURARE-LIKE AGENTS
(NO) no other information available

BWA 446 U see BWA444U

BW A515U see 6-deoxyacyclovir

BWA-827C see BWA 827C

BWA 827C
(SY) BWA827C
(SY) BWA-827C
(SY) 2-ethoxy-6(5-tetrazolyl)xanthone
(HM) *XANTHENES
(NO) reduces oxygen affinity of blood; has potential as blood storage additive which will improve the oxygen delivery of stored blood

BWA827C see BWA 827C

BW-B759U see BIOLF 62

BWB 759U see BIOLF 62

BW12C see BW 12C

BW 12C
(RN) 77858-21-0
(SY) BW-12C
(SY) BW12C
(SY) 5-(2-formyl-3-hydroxyphenoxy)pentanoic acid
(HM) *ALDEHYDES
(NO) aromatic aldehyde; aldehyde group interacts with N-terminal amino group of both alpha-globin chains

BW-12C see BW 12C

BW146Y see benzopyranoperidine

BW 180C see enkephalin-Leu, Ala(2)-

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BW 1970 see methodichlorophen

BW-234U see BW 234U

BW 234U
(RN) 75859-04-0
(RR) 75859-03-9 (di-HCl(cis)-isomer)
(SY) cis-9-(3-(3,5-dimethyl-1-piperazinyl)propyl) carbazole
(SY) BW-234U
(HM) *CARBAZOLES
(PA) TRANQUILIZING AGENTS, MAJOR
(NO) RN given refers to (cis)-isomer; RN for cpd without isomeric designation not in Chemline 1/9/84; structure given in first source

BW-245C see BW 245C

BW 245C
(RN) 75693-75-3
(SY) 5-(6-carboxyhexyl)-1-(3-cyclohexyl-3-hydroxypropyl)hydantoin
(SY) BW-245C
(SY) 245C77
(HM) *HYDANTOINS

BW 2760 see etoprine

BW-301U see BW301U

BW301U
(RN) 72732-56-0
(RR) 72676-60-9 (mono-HCl)
(SY) 2,4-diamino-6-(2,5-dimethoxybenzyl)-5-methylpyrido(2,3-d)pyrimidine
(SY) BW-301U
(HM) *PYRIMIDINES
(PA) ANTINEOPLASTIC AGENTS
(PA) FOLIC ACID ANTAGONISTS
(NO) RN given refers to parent cpd; structure given in first source

BW-33A see atracurium

BW 33A see atracurium

BW 458C
(SY) BW-458C
(SY) 4,4'-bis(4-methylimidazolin-2-yl) terephthalanilide 2HCl
(SY) Wander 2159
(SY) Wander-2159
(SY) Wander 2495
(SY) Wander-2495
(HM) *IMIDAZOLES
(PA) ANTINEOPLASTIC AGENTS
(PA) TRYPANOCIDAL AGENTS
(NO) Wander 2495 is dimethylsulfonate salt; structure given in first source

BW-458C see BW 458C

BW-501C see BW 501C

BW 501C
(RN) 68518-39-8
(SY) anilino-N-2-m-chlorophenoxypropylacetamidine
(SY) BW-501C
(HM) *AMIDINES
(PA) SEROTONIN ANTAGONISTS

BW 50,197 see methodichlorophen

BW 540C
(RN) 83908-32-1
(SY) BW-540-C
(HM) *PYRAZOLES
(PA) ANTI-INFLAMMATORY AGENTS, TOPICAL

BW-540-C see BW 540C

BW58C see BW 58C

BW 58C
(RN) 94015-46-0
(RR) 86790-29-6 ((trans)-isomer)
(SY) BW-58C
(SY) BW58C
(SY) 2-(4-tert-butylcyclohexyl)-3-hydroxy-1,4-naphthoquinone
(HM) *NAPHTHOQUINONES
(PA) ANTI'4ALARIALS

BW-58C see BW 58C

BW 59C see doxantrazole

BW683C see 4',6-dichloroflavan

BW 720C see buparvaquone

BW-720C see buparvaquone

BW-755C see BW 755C

BW 755C
(RN) 66000-40-6
(SY) 3-amino-1-(m-(trifluoromethyl)phenyl)-2-pyrazoline
(SY) BW-755C
(HM) *PYRAZOLES
(PA) ANTI-INFLAMMATORY AGENTS
(NO) inhibits cyclo-oxygenase as well as lipoxygenase in rat lung and in horse platelets; structure

BW 789 see BIOLF 62

BW-789 see BIOLF 62

BW-825C see BW 825C

BW 825C
(SY) BW825C
(SY) BW-825C
(SY) acrivastine
(HM) *TRIPROLIDINE/analogs
(PA) HISTAMINE H1 RECEPTOR BLOCKADERS
(NO) structure given in UD; no other information available

BW825C see BW 825C

BW-942-C see BW 942C

BW 942C
(SY) tyrosyl-methionyl-O-glycyl-para-nitro-phenylalanyl-prolinamide
(SY) Tyr-Met-O-Gly-4-NO2-Phe-Pro-NH2
(SY) BW-942-C
(SY) enkephalin, Met(2)-4-nitro-Phe(4)-ProNH2(5)-
(SY) 2-methionyl-4-para-nitrophenylalanyl-5-prolinamide enkephalin
(HM) ENKEPHALIN, METHIONINE/*analogs
(PA) ANTIDIARRHEALS
(NO) enkephalin-like pentapeptide

BXBD-65 see Saran

BX 680 A see ipsalazide

Bykahepar see clanobutin

Bykonox see butylvinal

byssochlamic acid
(RN) 743-51-1
(HM) *FURANS
(II) MYCOTOXINS
(NO) isolated from Byssochlamys nivea

BY 118K
(SY) BY-118K
(HM) *THEOPHYLLINE
(II) DELAYED-ACTION PREPARATIONS
(NO) theophylline pellets with sweetening agent within semipermeable membrane

BY-118K see BY 118K

BZACEA see benzyl-2-acetoxyethyl-2'-chloroethylamine

BzADP see 3'-O-(4-benzoyl)benzoyladenosine diphosphate

Bz-Arg-AEC see N-benzoylarginine-3-amino-9-ethylcarbazole

BzATP see 3'-O-(4-benzoyl)benzoyladenosine 5'-triphosphate

BZBANA see N-benzyloxycarbonyl-L-arginyl-L-arginine-2-naphthylamide

BZC jelly
(RN) 88645-24-3
(HM) *BENZOCAINE
(HM) *BENZETHONIUM
(HM) *BENZYL ALCOHOLS
(HM) DRUG COMBINATIONS
(PA) ANESTHETICS, LOCAL
(II) ANESTHESIA, DENTAL
(NO) combination of benzocaine, benzethonium chloride & benzyl alcohol

Bz-Ile-Glu(gamma-piperidyl)-Gly-Arg-pNA see S-2337

S-Bzl-Pmp-OH see beta-(S-benzylmercapto)-beta,beta-cyclopentamethylenepropionic acid

BzPheValArgNaN see S 2160

Bz-Phe-Val-Arg-paranitroanilide see S 2160

B 11,420 see iopronic acid

B 15000 see iopamidol

B 15 000 see iopamidol

B-1912 see B1912

B1912
(RN) 24028-59-9
(SY) B 1912
(SY) B-1912
(HM) CLOFAZIMINE/*analogs
(PA) LEPROSTATIC AGENTS
(NO) iminophenazine cpd structurally related to clofazimine

B 1912 see B1912

B2O3 see boron oxide

B-4789 see 4-(2'-nitrophenyl)-2,6-dimethylpyridine-3,5-dicarboxylic acid dimethyl ester

B 4789 see 4-(2'-nitrophenyl)-2,6-dimethylpyridine-3,5-dicarboxylic acid dimethyl ester

B 744-99
(RN) 61014-07-1
(SY) B-744-99
(SY) 2',3'-di-O-nitroadenosine-5'-(N-ethylcarboxamide)
(SY) 2',3'-dinitro-NECA
(HM) ADENOSINE/*analogs
(NO) structure given in first source

B-744-99 see B 744-99

B 7601
(SY) B-7601
(SY) 4-(3,5-cyclopropyl)-N-methylpiperidine alpha-hydroxy-alpha-phenylbenzene acetic acid
(HM) *BENZILATES
(NO) structure given in first source

B-7601 see B 7601

B-807-27 see B 807-27

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B-2 [illegible] see B 807-27

B 807-27
(RN) 78573-70-3
(SY) 2-(5-(4-chlorophenyl)pentyl)oxirane-2- carboxylic acid
(SY) sodium 2-(5-(4-chlorophenyl)pentyl)oxirane-2-carboxylate
(SY) B-807-27
(SY) B-80727
(HM) *EPOXY COMPOUNDS
(PA) HYPOGLYCEMIC AGENTS

Ca1 antibody
(HM) *ANTIBODIES
(II) ANTIBODIES, MONOCLONAL
(II) ANTIBODIES, NEOPLASM
(NO) Oxford tumor marker

Ca antigens
(SY) antigens Ca
(SY) Ca (Oxford) antigen
(SY) CA 19-9
(SY) CA 19.9 antigen
(SY) CA 125
(SY) CA125 antigen
(SY) tumor-associated carbohydrate antigen Ca 19-9
(SY) carbohydrate antigen 19-9
(HM) *ANTIGENS, NEOPLASM
(II) ANTIGENS, SURFACE
(II) ANTIGENIC DETERMINANTS
(NO) found on surface of malignant tumor cell lines; high sensitivity to malignant neoplasm; CA 125 & CA 19.9 are antigenic determinants associated with human epithelial ovarian carcinomas

CA125 antigen see Ca antigens

CA 19.9 antigen see Ca antigens

Ca K ATPase see calcium potassium ATPase

(Ca+ + + K+)-ATPase see calcium potassium ATPase

C.A.B. see cellulose acetate-butyrate

Ca-binding protein p21 (brain) see calcium-binding protein (brain)

Ca binding protein p68 see calcium-binding protein

CABO see VMBP

2-CABP see 2-carboxyarabinitol 1,5-bisphosphate

cabufocon see cellulose acetate-butyrate

CAB 63 see calregulin

CAB-63 see calregulin

Ca-calmodulin tubulin kinase see tubulin kinase

CACAP see acrylic acid-allyl pentaerythritol copolymer

cachectin
(HM) *PROTEINS
(PA) LIPOPROTEIN LIPASE/antag
(II) MACROPHAGE ACTIVATION
(NO) monokine which suppresss LPL activity in 3T3-L1 cells; 17000 MW; elaborated by macrophages in response to endotoxin or other bacterial & protozoal products

cachectin receptor
(SY) receptor, cachectin-tumor necrosis factor
(SY) tumor necrosis factor-cachectin receptors
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(NO) strong similarities between cachectin & TNF

CA-CoA-hydratase see cyclohexylideneacetyl-CoA hydratase

CA-CoA-synthetase see cyclohexaneacetyl-CoA synthetase

cactinomycin
(RN) 8052-16-2
(SY) actinomycin C
(HM) ACTINOMYCIN/*analogs
(NO) structure in USAN 1981, p.66

5-CADA see 5-S-cysteaminyldopamine

cAD1 bacterial sex hormone
(SY) leucyl-phenylalanyl-seryl-leucyl-valyl-leucyl-alanyl-glycine
(SY) Leu-Phe-Ser-Leu-Val-Leu-Ala-Gly-OH
(HM) *OLIGOPEPTIDES
(II) PHEROMONES
(II) BACTERIAL PROTEINS
(NO) from Streptococcus faecalis; induces plasmid transfer in Streptococcus faecalis

Cad blood group see blood group Cad

cadeguomycin
(RN) 81645-08-1
(SY) 7-carboxy-7-deazaguanosine
(SY) 2-amino-3,4-dihydro-4-oxo-7-beta-ribofuranosyl-7H-pyrrolo(2,3-d)pyrimidine-5-carboxylic acid
(HM) GUANOSINE/analogs
(PA) ANTIBIOTICS
(NO) from Streptomyces hygroscopicus; structure given in first source

cadexomer iodine
(HM) *IODINE
(II) MICROSPHERES
(II) DELAYED-ACTION PREPARATIONS
(NO) microbeads containing iodine within helix structure which absorb fluid from wound, increase in pore size & slowly release iodine

CAD gene protein, Chinese hamster cells see gene proteins, mammalian

cadherin
(HM) *MEMBRANE PROTEINS
(II) CALCIUM BINDING PROTEINS
(II) CELL ADHESION
(NO) calcium-dependent cell-cell adhesion cell surface protein

Ca-DMBP see calcium-dependent membrane-binding protein

cadmium acetate
(RN) 543-90-8
(RR) 22429-86-3 (trihydrate)
(RR) 5743-04-4 (dihydrate)
(HM) *CADMIUM
(NO) RN given refers to parent cpd

cadmium-binding peptide 1 see cadmium-binding protein

cadmium-binding peptide 2 see cadmium-binding protein

cadmium-binding protein
(SY) cadmium metallothionein
(SY) cadmium-thionein
(SY) Cd thionein
(SY) cadmium thionein
(SY) Cd-binding protein
(SY) cadmium-binding peptide 1
(SY) cadmium-binding peptide 2
(HM) *METALLOTHIONEIN
(II) CYTOPLASM
(II) CADMIUM
(NO) metallothionein which serves in a metal-sequestering mechanism

cadmium carbonate
(RN) 513-78-0
(HM) *CADMIUM
(HM) *CARBONATES
(NO) RN given refers to cpd with MF of Cd CO3

cadmium chloride
(RN) 10108-64-2
(RR) 72589-96-9 (dihydrate)
(RR) 34330-64-8 (hydrate)
(RR) 7790-78-5 (hydrate[2:5])
(RR) 35658-65-2 (monohydrate)
(RR) 39275-71-3 (pentammoniate monohydrate)
(RR) 73206-41-4 (115Cd-labeled cpd)
(SY) cadmium dichloride
(HM) *CADMIUM
(NO) RN given refers to above cpd

cadmium dichloride see cadmium chloride

cadmium metallothionein see cadmium-binding protein

cadmium nitrate
(RN) 10325-94-7
(RR) 10022-68-1 (tetrahydrate)
(HM) *CADMIUM
(NO) RN given refers to parent cpd

cadmium oxide
(RN) 1306-19-0
(RR) 24608-88-6 (hydrate)
(RR) 12139-21-8 (monteponite)
(HM) *CADMIUM
(NO) causes severe lung damage; RN given refers to parent cpd

cadmium sulfate
(RN) 10124-36-4
(RR) 13477-21-9 (tetrahydrate)
(RR) 7790-84-3 (hydrate[3:8])
(HM) *CADMIUM
(NO) RN given refers to cpd with MF of Cd-H2SO4

cadmium sulfide
(RN) 1306-23-6
(HM) *CADMIUM

cadmium telluride
(RN) 1306-25-8
(SY) Cd-Te
(HM) *CADMIUM
(HM) *TELLURIUM
(NO) used in radiation monitoring device

cadmium-thionein see cadmium-binding protein

cadmium thionein see cadmium-binding protein

CAD multifunctional protein see protein pyr1-3

C9Ado see 9-deazaadenosine

CAD protein see gene proteins, mammalian

CAD protocol
(HM) LOMUSTINE
(HM) MELPHALAN
(HM) VINDESINE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of lomustine, melphalan & vindesine

cadralazine
(RN) 64241-34-5
(SY) ISF 2469
(HM) *PYRIDAZINES
(PA) ANTIHYPERTENSIVE AGENTS
(PA) VASODILATOR AGENTS
(NO) structure given in first source

caerulein diethylamine
(RN) 71247-25-1
(SY) ceruletide diethylamine
(HM) CAERULEIN/*analogs
(NO) RN given refers to unspecified salt

caerulein(4–10), Nle(8)–
(RN) 25613-79-0
(SY) Nle(8)-ceruletide(4-10)
(SY) ceruletide(4-10), 8-norleucine-
(SY) 8-norleucine-ceruletide(4-10)
(SY) 8-Nle-CER(4-10)
(HM) CAERULEIN/*analogs
(HM) *PEPTIDE FRAGMENTS
(PA) TRANQUILIZING AGENTS, MAJOR
(NO) amino acids 4-10 of caerulein in which norleucine replaces methionine in position 8

caerulein, Nle(8)–
(RN) 65864-30-4
(SY) ceruletide, 8-norleucine-
(SY) 8-Nle-ceruletide
(SY) 8-norleucine ceruletide
(SY) 8-Nle-CER
(HM) CAERULEIN/*analogs
(PA) TRANQUILIZING AGENTS, MAJOR
(NO) norleucine replaces methionine in position 8

caerulomycin see cerulomycin

CAF
(SY) FAC
(HM) CYCLOPHOSPHAMIDE
(HM) DOXORUBICIN
(HM) FLUOROURACIL
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

cafedrine see norephendrinetheophylline

cafergot
(RN) 69063-86-1
(HM) *CAFFEINE
(HM) *ERGOTAMINE
(HM) DRUG COMBINATIONS
(NO) combination of caffeine & ergotamine tartrate

cafestol acetate
(HM) *DITERPENES
(NO) found in coffee; structure given in first source

caffeic acid
(RN) 331-39-5
(RR) 16630-40-3 (mono-Na salt)
(RR) 4361-87-9 ((Z)-isomer)
(RR) 501-16-6 ((E)-isomer)
(SY) 3,4-dihydroxycinnamic acid
(HM) *CAFFEIC ACIDS
(NO) provides protection against genotoxicity of DMBA

caffeine benzoate
(RN) 5743-17-9
(RR) 8000-95-1 (Na salt)
(HM) *CAFFEINE
(HM) *BENZOATES
(HM) DRUG COMBINATIONS
(NO) RN given refers to an equal mixture of caffeine and benzoate; Merck, 9th ed, #1628 reference for caffeine sodium benzoate

8-caffeine bromide see xanthobine

5-O-caffeoylshikimic acid
(RN) 73263-62-4
(HM) SHIKIMIC ACID/*analogs
(II) THIAMINE/antag
(NO) from bracken fern, Pteridium aquilinum; structure given in first source

cafide see butofilolol

caged ATP see P(3)-1-(2-nitro)phenylethyladenosine 5'-triphosphate

CAHC-lyase see 3-chloro-D-alanine hydrogen chloride-lyase

Ca heparin see calciparin

Cain's Acridine see m-AMSA

calagualine see anapsos

calamine (pharmaceutical preparation)
(RN) 8011-96-9
(HM) *ZINC OXIDE
(HM) *FERRIC COMPOUNDS
(HM) DRUG COMBINATIONS
(II) DERMATOLOGIC AGENTS

calcein see fluorexon

calcibind see phosphocellulose

calcidiol see 25-hydroxyergocalciferol

calciductin
(HM) *MUSCLE PROTEINS
(II) MEMBRANE PROTEINS
(NO) sarcolemmal protein

calcifediol lactol
(RN) 83136-06-5
(SY) 25-hydroxyvitamin D(3) 26,23-lactol
(HM) CALCIFEDIOL/*analogs
(NO) biosynthetic precursor of calcifediol lactone; structure given in first source

calcifediol lactone
(RN) 71302-34-6
(RR) 80185-43-9 ((3beta,5Z,7E,23R,25R)-isomer)
(RR) 77714-49-9 ((3beta,5Z,7E,23R,25R)-isomer)
(RR) 77714-48-8 ((3beta,5Z,7E,23R,25S)-isomer)
(RR) 77714-47-7 ((3beta,5Z,7E,23S,25R)-isomer)
(RR) 77714-46-6 ((3beta,5Z,7E,23S,25S)-isomer)
(SY) 25-hydroxycholecalciferol-26,23-lactone
(SY) 25-hydroxyvitamin D(3) 26,23-lactone
(SY) 25-OHD(3)-26,23-lactone
(SY) 25-hydroxy vitamin D3-26,23-lactone
(HM) CALCIFEDIOL/*analogs
(NO) vitamin D3 metabolite; competes actively for vitamin D binding protein in ligand assay for 25-hydroxyvitamin D3; RN given refers to (3beta,5Z,7E)-isomer; RN for cpd without isomeric designation not in Chemline 9/22/83

calciferin
(RN) 87435-39-0
(HM) *PARATHYROID HORMONES
(NO) serum factor stimulating cathepsin D release from erythrocytes or ghosts

calcimar see salmon calcitonin

calcimedins
(HM) *CALCIUM-BINDING PROTEINS
(NO) binds hydrophobic matrices in a Ca++-dependent manner

calcinmedin
(SY) calcinmedins
(HM) *CALCIUM-BINDING PROTEINS
(NO) calcium-dependent hydrophobic binding protein; possible independent mediator of intracellular calcium distinct from calmodulin

calcinmedins see calcinmedin

calciparin
(RN) 37270-89-6
(SY) calcium heparin
(SY) Ca heparin
(SY) heparin-calcium
(HM) *HEPARIN

calciphorin
(SY) calcium ionophore protein
(HM) *CALCIUM-BINDING PROTEINS
(NO) calcium carrier from calf heart inner mitochondrial membrane

calcitonin, des-Phe(16)
(RN) 86370-01-6
(SY) des-Phe(16) human calcitonin
(SY) des-phenylalanine(16)-calcitonin, human
(HM) CALCITONIN/*analogs
(II) HORMONES, SYNTHETIC

calcitonin gene related peptide
(SY) CGRP
(HM) *NERVE TISSUE PROTEINS
(PA) VASODILATOR AGENTS
(II) RNA PROCESSING, POST-TRANSCRIPTIONAL
(NO) neuropeptide of 37 amino acids encoded by rat calcitonin gene via neural (distinct from thyroidal) tissue RNA processing

calcitonin gene-related peptide receptor see calcitonin receptor

calcitonin, human, glycine(8)– see calcitonin, human, Gly(8)-

calcitonin, human, Gly(8)–
(SY) calcitonin, human, glycine(8)-
(SY) glycine(8)-human calcitonin
(SY) Gly(8)-human calcitonin
(HM) CALCITONIN/*analogs

calcitonin precursor polyprotein see procalcitonin

calcitonin receptor
(SY) receptor, calcitonin
(SY) calcitonin receptors
(SY) calcitonin gene-related peptide receptor
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) CALCITONIN
(NO) calcitonin & calcitonin gene-related peptide are the product of same gene

calcitonin receptors see calcitonin receptor

calcitonin salmon, des-Leu(16)
(RN) 86370-00-5
(SY) des-Leu(16) salmon calcitonin
(SY) des-leucine(16)-calcitonin, salmon
(HM) CALCITONIN/*analogs
(II) HORMONES, SYNTHETIC

calcitonin, salmon, glycine(8)– see calcitonin, salmon, Gly(8)-

calcitonin, salmon, Gly(8)–
(SY) calcitonin, salmon, glycine(8)-
(SY) Gly(8)-salmon calcitonin
(SY) glycine(8)-salmon calcitonin
(HM) CALCITONIN/*analogs

calcitriol 24-hydroxylase see 1 alpha,25-dihydroxycholecalciferol-24-hydroxylase

calcitriol-26,23-lactone see 1 alpha,25-dihydroxyvitamin D3-26,23-lactone

calcitriol receptor see 1,25-dihydroxycholecalciferol receptor

calcitriol receptors see 1,25-dihydroxycholecalciferol receptor

calcitroic acid
(RN) 71204-89-2
(SY) 1 alpha-hydroxy-23-carboxytetranorvitamin D
(SY) 1 alpha,3 beta-dihydroxy-24-nor-9,10- seco-5,7,10(19)-cholatrien-23-oic acid
(HM) CALCITRIOL/*analogs
(NO) structure

calcium acetate see acetic acid glacial

calcium acetylhomotaurine see N-acetylhomotaurine

calcium alginate see alginic acid

calcium aluminate
(RN) 12042-78-3
(HM) *CALCIUM
(HM) *ALUMINUM

calcium ammonium nitrate
(RN) 15245-12-2
(RR) 13780-11-5 (HNO3-NH4-Ca[3:1:1])
(HM) *NITRATES
(HM) *AMMONIUM COMPOUNDS
(II) FERTILIZERS
(II) ALLERGENS
(NO) RN given refers to cpd with unspecified MF

calcium antagonist receptors see calcium channel blocker receptor

calcium arsenate
(RN) 7778-44-1
(HM) *ARSENATES

calcium 3-aurothio-2-propanol-1-sulfonate see chrysanol

calcium bicarbonate
(RN) 3983-19-5
(HM) *BICARBONATES

calcium-binding protein
(SY) Ca binding protein p68
(HM) *CALCIUM-BINDING PROTEINS
(II) NEOPLASM PROTEINS
(NO) low mol wt protein in hepatoma; not calcium-dependent regulator; no mention of vitamin D

calcium-binding protein (brain)
(SY) Ca-binding protein p21 (brain)
(SY) CBP p21
(HM) *CALCIUM BINDING PROTEINS
(NO) calcium-binding protein from bovine brain; MW 21,000; peptide mapping & amino acid composition analysis given in first source; different from calmodulin & other calcium-binding proteins

calcium binding protein, vitamin K dependent see osteocalcin

calcium borogluconate see borogluconate

calcium channel blocker receptor
(SY) receptor, calcium channel blocker
(SY) calcium antagonist receptors
(SY) nimodipine receptor
(SY) nifedipine receptor
(SY) 1,4-dihydropyridine calcium antagonist receptors
(SY) nitrendipine receptor
(SY) calcium channel blocker receptors
(SY) verapamil receptor
(HM) *RECEPTORS, NICOTINIC
(II) CALCIUM CHANNEL BLOCKERS

calcium channel blocker receptors see calcium channel blocker receptor

calcium channel controlling protein, Paramecium
(SY) CNRC-curing protein
(HM) *MEMBRANE PROTEINS
(II) ION CHANNELS
(II) CALCIUM
(II) PARAMECIUM
(NO) small soluble acidic protein; MW less than 30,000; affects existing channels on ciliary membranes; does not have calmodulin properties

calcium chromate see calcium chromate(VI)

calcium chromate(VI)
(RN) 13765-19-0
(RR) 10060-08-9 (dihydrate)
(SY) calcium chromate
(HM) *CHROMATES
(NO) RN given refers to parent cpd

calcium citrate see citric acid

calcium-dependent actin-modulator proteins see actin-modulating proteins

calcium-dependent antibiotic, Streptomyces coelicolor see CDA antibiotic

calcium-dependent membrane-binding protein
(SY) Ca-DMBP
(SY) calelectrin
(HM) *CALCIUM-BINDING PROTEINS
(II) NERVE TISSUE PROTEINS
(NO) binds to membranes in a calcium-dependent manner; subunit MW 32,000-36,000

calcium dependent protease inhibitor see calpain inhibitors

calcium-2,2'-disulfohexanoate see 2,2'-disulfohexanoic acid

calcium elenolate see elenolic acid

calcium glubionate see glubionate calcium

calcium gluceptate see alpha-glucoheptonic acid

calcium glucoheptonate see alpha-glucoheptonic acid

calcium glycyrrhetinyl-glycinate see glycyrrhetinyl-glycine conjugate

calcium heparin see calciparin

calcium hopantenate see pantogab

calcium hydrogen phosphate see calcium phosphate

calcium hydroxyapatite see hydroxyapatite

calcium hypochlorite
(RN) 7778-54-3
(SY) chlorinated lime
(SY) calcium oxychloride
(HM) *CALCIUM
(NO) structure

calcium ionophore protein see calciphorin

calcium lactate see lactic acid

calcium lactogluconate see lactogluconic acid

calcium levulate see levulinic acid

calcium levulinate see levulinic acid

calcium magnesium ATPase
(RN) EC 3.6.1.-
(SY) magnesium calcium ATPase
(SY) (Ca(2+) + Mg(2+))-ATPase
(SY) (Ca + Mg)-ATPase
(SY) calcium magnesium dependent ATPase
(SY) (Mg(2+) + Ca(2+))-ATPase
(SY) calcium-stimulated magnesium-dependent ATPase
(SY) ATPase, calcium magnesium
(SY) Ca Mg ATPase
(SY) Mg Ca ATPase
(SY) ATPase, magnesium calcium
(HM) *ADENOSINE TRIPHOSPHATASE, CALCIUM
(HM) *ADENOSINE TRIPHOSPHATASE, MAGNESIUM
(NO) aspect of EC 3.6.1.3

calcium magnesium dependent ATPase see calcium magnesium ATPase

calcium magnesium dependent endodeoxyribonuclease
(RN) EC 3.1.21.-
(SY) Ca Mg DNASE
(SY) Ca(2+)+Mg(2+) DNASE
(SY) calcium-magnesium endonuclease
(SY) Ca-Mg endonuclease
(HM) *ENDODEOXYRIBONUCLEASES
(NO) similar in action but different from DNASE I

calcium-magnesium endonuclease see calcium magnesium dependent endodeoxyribonuclease

calcium magnesium silicate hydrate see tremolite

calcium-magnesium whitlockite see whitlockite

calcium monosulfide see calcium sulfide

calcium orthovanadate see vanadate

calcium oxalate crystal growth inhibitor
(SY) COCGI
(HM) *GLYCOPROTEINS
(HM) CALCIUM OXALATE/*antag
(NO) glycoprotein isolated from tissue culture

calcium oxide see lime

calcium oxychloride see calcium hypochlorite

calcium palmitate see palmitic acid

calcium pectate see polygalacturonic acid

calcium phosphate
(RN) 10103-46-5
(RR) 15221-07-5 (dihydrate)
(RR) 7757-93-9 (CaHPO4)
(RR) 12167-74-7 (tri-Ca salt)
(SY) calcium superphosphate
(SY) dihydromonocalcium phosphate
(SY) calcium phosphate, monobasic
(SY) calcium hydrogen phosphate
(SY) calcium phosphate, tribasic
(SY) tricalcium phosphate
(SY) dicalcium phosphate dihydrate
(SY) calcium phosphate, dibasic
(SY) DCP 340
(HM) *CALCIUM PHOSPHATES
(NO) RN given refers to unspecified salt; see also record for synthos (beta-tricalcium phosphate) & octacalcium phosphate

calcium phosphate, dibasic see calcium phosphate

calcium phosphate, monobasic see calcium phosphate

calcium phosphate, tribasic see calcium phosphate

calcium-phospholipid-phosphate complexes
(SY) Ca-PL-P
(HM) *PHOSPHOLIPIDS
(HM) *CALCIUM

calcium polycarbophil
(RN) 9003-97-8
(SY) polycarbofil
(SY) Mitrolan
(HM) *ACRYLIC RESINS
(PA) ANTIDIARRHEALS
(PA) CATHARTICS
(NO) synthetic, loosely cross-linked, hydrophilic resin of the polycarboxylic type; marketed as a stool normalizer; used in the treatment of both constipation & diarrhea

calcium polygalacturonate see polygalacturonic acid

calcium polystyrene sulfonate see polystyrene sulfonic acid

calcium polysulfide see lime sulfur

calcium potassium ATPase
(RN) EC 3.6.1.-
(SY) (Ca++ + K+)-ATPase
(SY) potassium calcium ATPase
(SY) K Ca ATPase
(SY) Ca K ATPase
(SY) ATPase, potassium calcium
(SY) ATPase, calcium potassium
(HM) *ADENOSINE TRIPHOSPHATASE

calcium potassium-stimulated magnesium adenosine triphosphatase
(RN) EC 3.6.1.-
(SY) Ca-K-Mg-ATPase
(HM) *ADENOSINE TRIPHOSPHATASE

calcium propionate see propionic acid

calcium-proton antiporter
(HM) *CALCIUM-BINDING PROTEINS
(NO) provides mechanism to keep intracellular Ca concentration low; electroneutral; is heat-labile & insensitive to low concentrations of ruthenium red & lanthanides

calcium resonium see polystyrene sulfonic acid

calcium-ryanodine receptor complex
(SY) ryanodine receptor
(SY) ryanodine receptors
(SY) receptor, ryanodine
(HM) *RECEPTORS, CHOLINERGIC
(II) CALCIUM
(NO) may play role in excitation-contraction coupling of muscle

calcium silicate
(RN) 1344-95-2
(RR) 13983-17-0 (Ca(SiO3)
(RR) 10101-39-0 (CaH2SiO3[1:1] salt)
(SY) Wollastonite
(SY) mineral wool
(SY) xonotlite
(HM) *SILICIC ACID
(NO) RN given refers to cpd with unknown MF

calcium-sodium antiporter
(SY) Ca(2+)-Na(+) antiporter
(SY) sodium-calcium antiporter
(SY) Na(+)-Ca(2+) antiporter
(HM) *CARRIER PROTEINS
(HM) *MEMBRANE PROTEINS
(II) CALCIUM
(II) SODIUM
(NO) solubilized with 2% cholate from plasma membrane of bovine heart; see also records for sodium/proton & sodium/hydrogen antiporter

calcium sodium ATPase see sodium calcium ATPase

calcium-sodium carrier see sodium-calcium carrier

calcium stearate see stearic acid

calcium-stimulated magnesium-dependent ATPase see calcium magnesium ATPase

calcium sucrose phosphate
(RN) 12676-30-1
(HM) *CALCIUM PHOSPHATES
(HM) SUCROSE/*analogs
(NO) maintains pH of dental plaque above critical level for enamel demineralization; mixture of calcium salts of phosphoric acid esters of sucrose & inorganic calcium orthophosphate

calcium sulfide
(RN) 20548-54-3
(RR) 71105-00-5 (35S-labeled cpd)
(SY) calcium monosulfide
(HM) *CALCIUM
(HM) *SULFIDES
(NO) RN given refers to parent cpd; see also record for lime sulfur (calcium polysulfide)

calcium superphosphate see calcium phosphate

calcium thioglycolate see 2-mercaptoacetate

calcium thiosulfate
(RN) 10124-41-1
(HM) *THIOSULFATES
(HM) *CALCIUM

calcium trimetaphosphate see trimetaphosphoric acid

calcium tungstate
(RN) 7790-75-2
(HM) *TUNGSTEN
(NO) luminescent; structure:CaWO(4)

calcium uniporter
(HM) *CALCIUM-BINDING PROTEINS
(NO) highly active ruthenium red-sensitive uniporter

calcofluor white M 2R see C.I. Fluorescent Brightening Agent 28

calcofluor white M2R see C.I. Fluorescent Brightening Agent 28

calcofluor white ST see C.I. Fluorescent Brightening Agent 28

calcon
(RN) 2538-85-4
(RR) 5410-93-5 (Zn salt)
(SY) 3-hydroxy-4-((2-hydroxy-1-naphthalenyl)azo)-1-naphthalenesulfonic acid
(HM) *AZO COMPOUNDS
(II) FLUORESCENT DYES
(NO) RN given refers to Na salt; RN for parent cpd not in Chemline 12/14/83

caldolysin
(RN) EC 3.4.24.-
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) heat stable extracellular metal-chelator-sensitive lytic protease from Thermus T-351

calelectrin see calcium-dependent membrane-binding protein

calginat see alginic acid

Calgon see sodium polymetaphosphate

calixin see trimeprimorph

CALLA see common acute lymphoblastic leukemia antigens

calmagite
(RN) 3147-14-6
(HM) *AZO COMPOUNDS
(II) DYES
(II) INDICATORS AND REAGENTS
(NO) indicator used to measure free magnesium &/or calcium in biological systems; structure

calmic see coparvax

calmidazolium see R 24571

calmodulin, aminotyrosine(138)-
(SY) calmodulin, 138-amino-Tyr-
(HM) CALMODULIN/*analogs
(NO) Tyr-138 converted to amino-Tyr

calmodulin, aminotyrosine(99)-
(SY) calmodulin, 99-amino-Tyr-
(HM) CALMODULIN/*analogs
(NO) Tyr-99 converted to amino-Tyr

calmodulin, 138-amino-Tyr- see calmodulin, aminotyrosine(138)-

calmodulin, 99-amino-Tyr- see calmodulin, aminotyrosine(99)-

calmodulin carboxymethyl ester
(SY) CCE
(HM) CALMODULIN/*analogs

calmodulin converting enzyme
(RN) EC 3.4.-
(HM) *CARBOXYPEPTIDASES
(NO) removes carboxyl terminal lysine from calmodulin at pH 6

calmodulin-lysine methyltransferase
(RN) EC 2.1.1.60
(SY) S-adenosylmethionine-calmodulin(lysine)N-methyltransferase
(HM) *METHYLTRANSFERASES

calmodulin-PDP see 3-(2-pyridyldithio)propionylcalmodulin

calmodulin-phenothiazine complex see phenothiazine-calmodulin complex

calmuril
(HM) *UREA
(HM) *LACTATES
(HM) DRUG COMBINATIONS
(NO) urea & lactic acid combination

calomel
(RN) 10112-91-1
(HM) *MERCURY

calophyllolid
(RN) 548-27-6
(SY) calophyllolide
(HM) *COUMARINS
(PA) ANTICOAGULANTS
(PA) ANTI-INFLAMMATORY AGENTS
(NO) structure

calophyllolide see calophyllolid

caloreen
(RN) 9004-53-9
(HM) *DEXTRINS
(NO) glucose polymer with average length of five glucose units for dietary energy supplement

calotropin DI
(RN) EC 3.4.22.-
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) from latex of madar plants, Calotropis gigantea; cysteine protease; do not confuse with calotropin in Chemline, which is not an enzyme

calotropin DII
(RN) EC 3.4.22.-
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) from latex of madar plants, Calotropis gigantea; cysteine protease; do not confuse with calotropin in Chemline which is not an enzyme

calpain inhibitor see calpain inhibitors

calpain inhibitors
(SY) calcium dependent protease inhibitor
(SY) calpain inhibitor
(HM) *GLYCOPROTEINS
(PA) PROTEASE INHIBITORS
(NO) bovine heart protein, MW 145,000; from many cells & tissues with MW 48,000-400,000 depending on tissue, species or isolation procedures

calpastatin
(HM) *CALCIUM BINDING PROTEINS
(PA) PROTEASE INHIBITORS
(NO) large mol wt, heat-stable calpain inhibitor; not based on sequestering Ca++ from medium, but binding to calpain does require Ca++

calregulin
(SY) CAB-63
(SY) CAB 63
(HM) *CALCIUM-BINDING PROTEINS
(NO) from bovine liver; MW 63,000; may have role in the function of the endoplasmic reticulum

calypnon see crotarbital

calypsol see kalipsol

L-CAM see cell adhesion molecules

N-CAM see cell adhesion molecules

CAMAL-1 see common acute lymphoblastic leukemia antigens

CAMCA see carbobenzoxyargininamide-7-yl-4-methylcoumarin

CAM combination
(HM) CYCLOPHOSPHAMIDE
(HM) DOXORUBICIN
(HM) METHOTREXATE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above 3 cpds

CAMEI EON
(HM) CYTARABINE
(HM) METHOTREXATE
(HM) CITROVORUM FACTOR
(HM) VINCRISTINE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

CAMEO
(HM) CYCLOPHOSPHAMIDE
(HM) DOXORUBICIN
(HM) METHOTREXATE
(HM) ETOPOSIDE
(HM) VINCRISTINE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

CAMF
(HM) CYCLOPHOSPHAMIDE
(HM) DOXORUBICIN
(HM) METHOTREXATE
(HM) FLUOROURACIL
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

CAMFTP
(HM) CYCLOPHOSPHAMIDE
(HM) DOXORUBICIN
(HM) METHOTREXATE
(HM) TAMOXIFEN
(HM) PREMARIN
(HM) FLUOROURACIL
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

Ca Mg ATPase see calcium magnesium ATPase

(Ca + Mg)-ATPase see calcium magnesium ATPase

Ca-Mg ATPase inhibitor see ATPase inhibitory protein

Ca-K-Mg-ATPase see calcium potassium-stimulated magnesium adenosine triphosphatase

(Ca(2+) + Mg(2+))-ATPase see calcium magnesium ATPase

Ca Mg DNASE see calcium magnesium dependent endodeoxyribonuclease

Ca(2+)+Mg(2+) DNASE see calcium magnesium dependent endodeoxyribonuclease

Ca-Mg endonuclease see calcium magnesium dependent endodeoxyribonuclease

CaM kinase II see tubulin kinase

camomile oil German see chamomile

camostate see Foy-305

CAMP ABP see adenosine cyclic 3',5'-monophosphate binding proteins

campanyl
(RN) 73561-52-1
(SY) T 1286
(HM) *POLYVINYLS
(II) CATION EXCHANGE RESINS
(NO) cation exchange preparation; consists of sulfonated styrene-divinylbenzene copolymers, sorbitol & caroxymethylcellulose

cAMP binding protein see adenosine cyclic 3',5'-monophosphate binding proteins

cAMP-dependent protein kinase protein modulator see protein kinase modulator

campesterol
(RN) 474-62-4
(RR) 23929-42-2 ((3beta,24xi)-isomer)
(RR) 4651-51-8 ((3beta)-isomer)
(SY) 22,23-dihydrobrassicasterol
(SY) ergost-5-en-3 beta- ol, 24 epimer
(SY) 24-methylcholesterol
(SY) 24 alpha-methylcholest-5-en-3 beta-ol
(HM) CHOLESTEROL/*analogs
(NO) RN given refers to (3beta,24R)-isomer; RN for cpd without isomeric designation not in Chemline 1/9/84; structure

CAMP factor
(SY) CAMP protein
(HM) *BACTERIAL PROTEINS
(NO) extracellular protein of group B streptococci; MW 23,500; used for rapid identification of group B streptococci strains

camphene
(RN) 79-92-5
(HM) *TERPENES

camphonium see trimethidinium

camphorated monochlorophenol see camphorated parachlorophenol

camphorated monoparachlorophenol see camphorated parachlorophenol

camphorated parachlorophenol
(RN) 8003-18-7
(SY) chlorophenol camphor
(SY) camphor paramonochlorophenol
(SY) camphorated monochlorophenol
(SY) camphorated monoparachlorophenol
(SY) Cbz-Phe-Arg-4-Methylcoumarinyl-7-amide
(HM) *CHLOROPHENOLS
(HM) *CAMPHOR
(HM) DRUG COMBINATIONS
(PA) ANTISEPTICS
(II) DISINFECTANTS
(NO) RN given refers to cpd without isomeric designation

camphor-5-monooxygenase
(RN) EC 1.14.15.1
(RR) 9030-82-4 (CRN)
(SY) methylene hydroxylase
(SY) methylene monooxygenase system
(HM) *HYDROXYLASES

camphor paramonochlorophenol see camphorated parachlorophenol

camphorquinone-10-sulfonic acid
(RN) 73413-79-3
(SY) 7,7-dimethylbicyclo(2.2.1)heptane-2,3-dione-1-methanesulfonic acid
(HM) CAMPHOR/*analogs
(II) INDICATORS AND REAGENTS
(NO) structure given in first source

10-camphorsulfonic acid
(RN) 76-26-6
(RR) 27016-31-5 (piperazine salt)
(RR) 5327-97-9 (Ca salt)
(RR) 83709-15-3 (Al salt)
(RR) 58166-96-4 (Bi(3+) salt)
(RR) 34850-66-3 (Na salt)
(RR) 35963-20-3 ((1R)-isomer)
(RR) 5872-08-2 ((+-)-isomer)
(RR) 3144-16-9 ((1S,4R)-(+)-isomer)
(RR) 13867-85-1 (NH4 salt)
(SY) solucampher
(HM) CAMPHOR/*analogs
(PA) EXPECTORANTS
(NO) solucampher refers to piperazine salt; RN given refers to parent cpd; structure in Negwer

CAMP-L
(HM) CYCLOPHOSPHAMIDE
(HM) DOXORUBICIN
(HM) METHOTREXATE
(HM) PROCARBAZINE
(HM) CITROVORUM FACTOR
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol containing above 5 cpds; drugs may be given in sequential order

camposan see ethephon

cAMPPN(CH3)2 see adenosine 3',5'-monophosphodimethylamidate

CAMP protein see CAMP factor

CAMP protocol
(SY) CAMP regimen
(HM) CYCLOPHOSPHAMIDE
(HM) DOXORUBICIN
(HM) METHOTREXATE
(HM) PROCARBAZINE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above 4 cpds

CAMP regimen see CAMP protocol

8-N3-cAMP see 8-azidoadenosine-3',5'-monophosphate

Ca(2+)-Na(+) antiporter see calcium-sodium antiporter

Ca Na ATPase see sodium calcium ATPase

Canadaphore
(HM) *HYDROXAMIC ACIDS
(II) IRON CHELATES
(NO) from spent growth medium of Helminthosporium carbonum; MW 627 daltons for the iron-free molecule & 680 daltons for the iron-Canadaphore complex

canadine
(RN) 522-97-4
(RR) 29074-38-2 ((+-)-isomer)
(RR) 5096-57-1 ((S)-isomer)
(RR) 19776-45-5 (HCl)
(RR) 2086-96-6 ((R)-isomer)
(SY) tetrahydroberberine
(HM) *BERBERINE/analogs
(NO) RN given refers to cpd without isomeric designation; structure

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canaline
(RN) 496-93-5
(RR) 13147-24-5 (former CAS registry number)
(SY) 1-amino-3-amino-oxybutyric acid
(HM) *AMINOBUTYRIC ACIDS
(NO) structure

C4a anaphylatoxin see complement 4a

C5a anaphylatoxin see complement 5a

canatoxin
(RN) 80701-28-6
(HM) *LECTINS
(II) TOXINS
(NO) toxic protein from Canavalia ensiformis (jack bean) seeds; distinct from concanavalin A

Canavalia gladiata DC Lectin
(SY) C gladiata DC lectin
(HM) *LECTINS

Canavalia lineata lectin
(SY) C lineata lectin
(HM) *LECTINS
(NO) con A-like lectin from Canavalia lineata

canavalmine
(RN) 70862-15-6
(SY) 1,13-diamino-5,9-diazatridecane
(HM) *POLYAMINES
(NO) from seed of sword bean Canavalia gladiata; structure given in first source

canavaninosuccinic acid
(RN) 24764-65-6
(HM) CANAVANINE/*analogs
(NO) structure

cancer-associated antigen TA-4 see tumor antigen TA-4

cancer-associated factor see neoplasm-associated factor

cancer-associated galactosyltransferase acceptor see galactosyltransferase acceptor

cancer basic protein
(HM) *NEOPLASM PROTEINS
(II) ANTIGENS, NEOPLASM
(NO) extracted from tumor tissue; stimulates blood lymphocytes from patients with malignant disease, but not blood lymphocytes from healthy individuals or patients with nonmalignant disease

cancercerebral antigen see cancerocerebral antigen

cancerocerebral antigen
(SY) cancercerebral antigen
(HM) *ANTIGENS, NEOPLASM
(NO) isolated from human brain; MW 15,000; purified preparation used for radioimmunological, immunobiological assays & amino acid analysis

cancer procoagulant
(RN) EC 3.4.22.-
(SY) cancer procoagulant A
(SY) neoplastic procoagulant
(SY) neoplasm procoagulant A
(SY) leukemia procoagulant
(HM) *PEPTIDE PEPTIDOHYDROLASES
(II) BLOOD COAGULATION FACTORS
(NO) a Factor X-activating cysteine endopeptidase from extracts of human & animal tumors & cultures of malignant cells

cancer procoagulant A see cancer procoagulant

cancer suppressive factor
(HM) *PROTEINS
(PA) ANTINEOPLASTIC AGENTS
(PA) IMMUNOSUPPRESSIVE AGENTS
(NO) protein from mouse ascites; MW apprx 4,000; specific for transformed cells in vitro

candidin
(RN) 1405-90-9
(HM) POLYENES
(PA) ANTIBIOTICS, ANTIFUNGAL

candidoin
(RN) 65776-69-4
(HM) POLYENES
(PA) ANTIBIOTICS, ANTIFUNGAL
(NO) component of candidin complex from Streptomyces viridoflavus; RN from CA; structure given in first source

candihexins
(RN) 51990-49-7
(RR) 55070-21-8 (candihexin A)
(RR) 55070-22-9 (candihexin B)
(RR) 55070-23-0 (candihexin C)
(RR) 55070-24-1 (candihexin D)
(RR) 55070-25-2 (candihexin E)
(RR) 55070-26-3 (candihexin F)
(HM) POLYENES
(PA) ANTIBIOTICS, ANTIFUNGAL
(NO) hexaene macrolide antibiotic found to be a complex of two component fractions, c&i hexin I & II; c&i hexin I is active in vitro against yeasts & filamentous fungi; candihexin II is essentially inactive; RN given not in Chemline 6/30/83

candiplanecin
(RN) 79620-36-3
(HM) *ANTIBIOTICS
(NO) from Ampullariella regularis; no other information available 2/16/82

canephron
(HM) *PLANT EXTRACTS
(PA) DIURETICS

Canesten HC
(RN) 90155-19-4
(HM) *CLOTRIMAZOLE
(HM) *HYDROCORTISONE
(HM) DRUG COMBINATIONS
(PA) ANTI-INFLAMMATORY AGENTS
(NO) contains above two cpds

canine intestinal cholecystokinin-58 see cholecystokinin-58

cannabichromene
(RN) 20675-51-8
(HM) *CANNABINOIDS
(PA) ANTI-INFLAMMATORY AGENTS

cannabidiolic acid
(RN) 1244-58-2
(HM) *CANNABINOIDS
(NO) structure

cannabigerol
(RN) 25654-31-3
(HM) *CANNABINOIDS
(PA) ANTI-INFECTIVE AGENTS
(NO) RN given refers to (E)-isomer; RN for cpd without isomeric designation not in Chemline 8/2/83; structure given in first source

cannabinolic acid
(RN) 2808-39-1
(HM) *CANNABINOL/analogs
(NO) structure given in first source

cannabistilbene I
(RN) 91925-76-7
(SY) 3,4'-dihydroxy-5-methoxy-3'-(3-methylbut-2-enyl) dihydrostilbene
(SY) DMMBD
(HM) *STILBENES
(NO) isolated from panamanian variant of Cannabis sativa; structure given in first source

cannabistilbene II
(RN) 91865-42-8
(SY) 2',3-dihydroxy-3',4',5-trimethoxydihydrostilbene
(SY) 3,3'-dihydroxy-2',4',5-trimethoxydihydrostilbene
(HM) *STILBENES
(NO) isolated from panamanian variant of Cannabis sativea; first source concludes that above cpd can either be synonym 1 or 2; further investigation is underway; structure given in first source

cannflavin
(HM) *PLANT EXTRACTS
(PA) PROSTAGLANDIN ANTAGONISTS
(II) CANNABIS
(NO) from Cannabis sativa L; article states that fuller description of chemical structure will be given elswhere

cannogenin thevetoside
(RN) 1182-87-2
(SY) 3 beta,14 beta-dihydroxy-19-oxo-5 beta-card-20 (22)-enolide-3 alpha-L-thevetoside
(SY) encordin
(SY) peruvoside
(HM) *CARDENOLIDES
(PA) CARDIAC GLYCOSIDES
(NO) from Thevetia neriifolia; minor descriptor (75-84); on-line & Index Medicus search CARDENOLIDES (77-84), CARDANOLIDES (75-76); RN given refers to (3beta,5beta)-isomer; RN for cpd without isomeric designation not in Chemline 8/84

canthaxanthin
(RN) 514-78-3
(SY) canthaxanthine
(SY) beta, beta-carotene-4,4'-dione
(SY) orobronze
(HM) CAROTENE/*analogs
(NO) structure

canthaxanthine see canthaxanthin

Ca (Oxford) antigen see Ca antigens

CAP
(HM) CYCLOPHOSPHAMIDE
(HM) DOXORUBICIN
(HM) PEPTICHEMIO
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above 3 cpds

capactins see actin-binding protein

CAPAD see 3-chloroacetylpyridine-adenine dinucleotide

CAPADP see 3-chloroacetylpyridine adenine dinucleotide phosphate

cap binding protein see RNA cap-binding proteins

cap binding proteins see RNA cap-binding proteins

CAP-N-DTC see 4-carboxamidopiperidine-N-dithiocarboxylate

CAPE
(HM) CYCLOPHOSPHAMIDE
(HM) DOXORUBICIN
(HM) PREDNISONE
(HM) VINDESINE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of first 3 cpds above & vindesine

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CAPF
(HM) CYCLOPHOSPHAMIDE
(HM) DOXORUBICIN
(HM) CISPLATIN
(HM) FLUOROURACIL
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

capillartemisin A
(RN) 85819-52-9
(HM) *PHENYLPROPIONATES
(PA) CHOLAGOGUES AND CHOLERETICS
(NO) isolated from Artemisiae Capillaris Herba; structure given in first source

capillartemisin B
(RN) 85819-51-8
(HM) *PHENYLPROPIONATES
(PA) CHOLAGOGUES AND CHOLERETICS
(NO) isolated from Artemisiae Capillaris Herba; structure given in first source

Ca-PL-P see calcium-phospholipid-phosphate complexes

capmul see monooctanoin

capmul 8210 see monooctanoin

capnine
(RN) 76187-10-5
(SY) 2-amino-3-hydroxy-15-methylhexadecane-1-sulfonic acid
(HM) *ALKYL SULFONATES
(II) LIPIDS
(NO) sulfonolipid found in Capnocytophaga bacteria; structure given in first source; see also record for capnoids

capnoids
(HM) *ALKYL SULFONATES
(HM) *LIPIDS
(NO) sulfonolipids which are major cell components of Cytophaga flexibacter group; see also record for capnine

capozide
(HM) *CAPTOPRIL
(HM) *HYDROCHLOROTHIAZIDE
(HM) DRUG COMBINATIONS
(NO) combination of above cpds

CAPP-calmodulin see norchlorpromazine-calmodulin complex

CAPP(1)-calmodulin see phenothiazine-calmodulin complex

CAP phosphatase see acylphosphatase

capping enzyme, Artemia salina
(HM) *NUCLEOTIDYLTRANSFERASES
(HM) *PHOSPHATASES
(HM) *MULTIENZYME COMPLEXES
(NO) both m-RNA guanylyltransferase & RNA 5'-triphosphatase activities

capping enzyme, vaccinia virus
(RN) EC 2.-
(SY) m-RNA guanylyltransferase.RNA (guanine-7) methyltransferase
(SY) mRNA capping enzyme, vaccinia virus
(HM) *MULTIENZYME COMPLEXES
(HM) *NUCLEOTIDYLTRANSFERASES
(HM) *METHYLTRANSFERASES

capping protein, actin see actin depolymerizing proteins

CAP protocol
(HM) CISPLATIN
(HM) PHOSPHORAMIDE MUSTARDS
(HM) DOXORUBICIN
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) combination of above cpds used in treatment of ovarian neoplasms; do not confuse with CAP-regimen which contains cyclophosphamide in place of phosphoramide mustards

CAP-regimen see CISCA

capriblue GN
(RN) 52886-80-3
(SY) 3,7-dimethylaminophenoxazonium
(SY) 3,7-dimethylaminophenoxazonium nitrate
(HM) *OXAZINES
(II) DYES
(NO) structure given in first source

caprolactamase see L-alpha-amino-epsilon-caprolactamase

caprolan see nylon 6

capron
(RN) 9012-24-2
(SY) polycaprolactam
(HM) *CAPROLACTAM

CA protocol see AC protocol

N-caproylglycine
(RN) 24003-67-6
(SY) hexanoylglycine
(HM) GLYCINE/*analogs

caprylic acid
(RN) 124-07-2
(RR) 68957-64-2 (Ru(+3) salt)
(RR) 67816-08-4 (Ir(+3) salt)
(RR) 60903-69-7 (La(+3) salt)
(RR) 50961-16-5 (11C-labeled cpd Na salt)
(RR) 20543-04-8 (unspecified Cu salt)
(RR) 20195-23-7 (unspecified Cr salt)
(RR) 18312-04-4 (unspecified Zr salt)
(RR) 2191-10-8 (Cd salt)
(RR) 1984-06-1 (Na salt)
(RR) 764-71-6 (K salt)
(RR) 557-09-5 (Zn salt)
(RR) 16577-52-9 (Li salt)
(RR) 15696-43-2 (unspecified Pb salt)
(RR) 13095-58-4 (14C-labeled cpd Na salt)
(RR) 7435-02-1 (unspecified Ce salt)
(RR) 7319-86-0 (Pb(+2) salt)
(RR) 6700-85-2 (Co salt)
(RR) 6535-20-2 (unspecified Fe salt)
(RR) 6535-19-9 (unspecified Mn salt)
(RR) 6427-90-3 (Cr(+2) salt)
(RR) 6107-56-8 (Ca salt)
(RR) 6028-57-5 (Al salt)
(RR) 5972-76-9 (NH3 salt)
(RR) 5206-47-3 (Zr(+4) salt)
(RR) 4995-91-9 (Ni(+2) salt)
(RR) 4696-54-2 (Ba salt)
(RR) 4288-15-7 (unspecified Sn salt)
(RR) 3890-89-9 (Cu(+2) salt)
(RR) 3130-28-7 (Fe(+3) salt)
(RR) 3106-28-3 (14C-labeled cpd)
(RR) 1912-83-0 (Sn(+2) salt)
(SY) octanoic acid
(SY) octanoate
(HM) *OCTANOIC ACIDS
(NO) RN given refers to parent cpd; structure in Merck Index, 9th ed, #1764

caprylohydroxamic acid see octanohydroxamic acid

capsanthol
(RN) 33981-79-2
(HM) CAROTENE/*analogs
(NO) reduction product of capsanthin; RN given from 11th Chem Subs Index refers to (all trans)-isomer; RN not in Chemline 2/8/84

1-CAPSI see
1-((4-(2-(crotonylamino)ethyl)phenyl)sulfonyl)-3-cyclohexyl-2-iminoimidazolidine

capsular polysaccharide K14 antigen see K14 polysaccharide

capsular-polysaccharide galactohydrolase
(RN) EC 3.2.1.87
(SY) polysaccharide depolymerase
(SY) capsule depolymerase
(HM) *GLYCOSIDE HYDROLASES

capsular polysaccharide (gonococci, meningococci)
(SY) CP-GM
(HM) *POLYSACCHARIDES, BACTERIAL
(II) NEISSERIA GONORRHOEAE
(II) NEISSERIA MENINGITIDIS

capsular polysaccharide K1 see K1 polysaccharide

capsule depolymerase see capsular-polysaccharide galactohydrolase

captafol
(RN) 2425-06-1
(RR) 2939-80-2 ((cis)-isomer)
(RR) 25429-30-5 (cpd with unspecified chlorine locants)
(SY) captofol
(SY) difolatan
(SY) N-(tetrachloroethylthio)tetrahydrophthalimide
(HM) CAPTAN/*analogs
(PA) FUNGICIDES, INDUSTRIAL
(NO) RN given refers to cpd with specified chlorine locants

captagon see fenethylline

captax
(RN) 149-30-4
(RR) 2492-26-4 (Na salt)
(RR) 155-04-4 (Zn salt)
(RR) 29904-98-1 (Co(+2) salt)
(RR) 32510-27-3 (unspecified Cu salt)
(RR) 26622-68-4 (Bi(+3) salt)
(RR) 26622-66-2 (Hg (+2) salt)
(RR) 17697-83-5 (Ag(+1)) salt)
(RR) 15722-59-5 (Pb(+2) salt)
(RR) 7778-70-3 (K salt)
(RR) 4162-43-0 (Cu(+2) salt)
(SY) 2-mercaptobenzothiazole
(HM) *THIAZOLES
(NO) RN given refers to parent cpd

captofol see captafol

captopril-cysteine
(RN) 75479-46-8
(SY) captopril-L-cysteine
(HM) CAPTOPRIL/*analogs
(NO) captopril metabolite in rats & dogs; RN given refers to (R-(R*,S*))-isomer; cpd without isomeric designation not in Chemline 6/84; structure given in first source

captopril-L-cysteine see captopril-cysteine

captopril disulfide see SQ 14,551

Cap 42 (a&b)
(HM) *CARRIER PROTEINS
(II) CALCIUM
(il) ACTINS
(NO) from Physarium polycephalum; calcium-dependent, actin-binding phosphorylatable protein which consists of two distinct 42,000 Da peptides; caps the fast growing end of actin filaments thereby blocking actin polymerization

CARA
(HM) CYCLOPHOSPHAMIDE
(HM) DOXORUBICIN
(HM) CYTARABINE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

C-ara-A see carbocyclic arabinosyladenine

caracemide
(RN) 81424-67-1
(HM) HYDROXYUREA/*analogs
(PA) ANTINEOPLASTIC AGENTS
(NO) RN from USAN; RN not in Chemline 3/85

caracurine V
(RN) 630-87-5
(HM) *ALKALOIDS
(NO) isolated from stembark of Strychnos chrysophylla

caramel
(RN) 8028-89-5
(SY) ammonia-process caramel
(HM) *FOOD COLORING AGENTS
(II) AMMONIA

caramiphen
(RN) 125-85-9
(HM) *CYCLOPENTANES
(PA) ANTITUSSIVE AGENTS
(PA) PARASYMPATHOLYTICS
(PA) ANTIPARKINSON AGENTS
(NO) structure

carampicillin see bacampicillin

carazolol
(RN) 57775-29-8
(RR) 78859-34-4 ((+)-isomer)
(RR) 78859-33-3 ((-)-isomer)
(RR) 69207-57-4 ((+-)-isomer)
(RR) 51997-43-4 (mono-HCl)
(SY) BM 51052
(SY) suacron
(HM) *PROPANOLAMINES
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS
(NO) RN given refers to parent cpd without isomeric designation; structure

carbacyclin see carboprostacyclin

carbacycline see carboprostacyclin

carbadipimidine see carpipramine

carbamate kinase
(RN) EC 2.7.2.2
(SY) carbamyl phosphokinase
(HM) *PHOSPHOTRANSFERASES, ATP

carbamazepine epoxide
(RN) 36507-30-9
(RR) 67411-80-7 (1a-(13)C-labeled cpd)
(SY) carbamazepine 10,11-oxide
(SY) carbamazepine 10,11-epoxide
(HM) CARBAMAZEPINE/*analogs
(NO) metabolite of carbamazepine; RN given refers to unlabeled cpd

carbamazepine 10,11-epoxide see carbamazepine epoxide

carbamazepine 10,11-oxide see carbamazepine epoxide

Carbamic acid, (5-(3,6-dihydro-1(2H)-pyridinyl)-3,3a-dihydro-2-oxo-2H-(1,2,4)oxadiazolo(2,3-a)pyrimidin-7- yl)-, methyl ester see Ro 12-4713

carbamic acid, methyl ester see methyl carbamate

carbamide peroxide see proxigel

S-carbamidomethylcysteine
(RN) 17528-66-4
(HM) CYSTEINE/*analogs

S-carbamidomethylglutathione
(RN) 78723-99-6
(SY) SCM-glutathione
(HM) GLUTATHIONE/*analogs
(NO) glutathione S-conjugate

carbaminohemoglobin A see hemoglobin A, carbamylated

N-carbamoylaspartic acid see ureidosuccinic acid

N-carbamoyl-beta-alanine
(RN) 462-88-4
(RR) 23648-78-4 (ion(-1))
(SY) beta-ureidopropionic acid
(HM) 3-AMINOPROPIONIC ACID/*analogs
(NO) RN given refers to parent cpd

8-carbamoyl-3-(2-chloroethyl)imidazo(5,1-d)-1,2,3,5-tetrazin-4(3H)-one see NSC 353451

N-carbamoyl-2-(2,6-dichlorophenyl)acetamidine.HCl see LON 954

4-carbamoyl-4,5-dihydrodiazepam
(RN) 86636-97-7
(SY) 4-CDHD
(HM) DIAZEPAM/*analogs
(NO) structure given in first source

4-carbamoylimidazolium 5-olate see SM-108

5-carbamoyl-1H-imidazol-4-yl-piperonylate see SL-1250

5-carbamoylmethyluridine
(RN) 29569-30-0
(SY) 5-CBMU
(HM) URIDINE/*analogs
(NO) tRNA wobble nucleoside; structure in first source

carbamoyloxamic acid see oxaluric acid

2-carbamoyloxyethylthio-6-(1-hydroxyethyl)penem-3-carboxylic acid see SCH 34343

4-carbamoyloxy-1,4-(4-fluorophenyl)-4-oxobutyldecahydroquinoline see cicarperone

carbamoyloxyurea
(RN) 4543-62-8
(HM) HYDROXYUREA/*analogs
(NO) structure

carbamoyl phosphate synthase-aspartatecarbamoyl transferase complex
(SY) CPSase-ASPC transferase complex
(HM) *ASPARTATE CARBAMOYLTRANSFERASE
(HM) *CARBAMYL PHOSPHATE SYNTHASE (GLUTAMINE)
(HM) *MULTIENZYME COMPLEXES
(NO) enzyme complex catalyzes first two steps of pyrimidine biosynthesis in Neurospora(Lehninger gives glutamine CP synthase in microorganisms)

carbamoyl-phosphate synthetase (N-acetylglutamate)
(RN) EC 6.3.4.-
(SY) N-acetylglutamate carbamoylphosphate synthetase
(SY) N-acetylglutamate CP synthase
(HM) *LIGASES
(NO) present in liver extracts of marine species of fish that retain high levels of urea in their tissues for osmoregulation purposes

Carbamult see promecarb

carbamyl-DL-aspartate see ureidosuccinic acid

carbamylaspartic acid see ureidosuccinic acid

carbamylated hemoglobin A see hemoglobin A, carbamylated

carbamylated hemoglobin S see hemoglobin S, carbamylated

carbamylated-low density lipoproteins see carbamyl-LDL

carbamylated triiodothyronine
(SY) triiodothyronine, carbamylated
(SY) carb T3
(HM) TRIIODOTHYRONINE/*analogs

carbamylhydrazine
(RN) 57-56-7
(RR) 563-41-7 (mono-HCl)
(RR) 74857-93-5 (14C-labeled cpd)
(SY) semicarbazide
(HM) *SEMICARBAZIDES
(PA) CARCINOGENS
(NO) RN given refers to parent cpd

carbamyl-LDL
(SY) carbamylated-low density lipoproteins
(SY) carbamyl-low density lipoproteins
(HM) *LIPOPROTEINS, LDL

carbamyl-low density lipoproteins see carbamyl-LDL

carbamyl phosphate phosphatase see acylphosphatase

carbamyl phosphate synthase II
(RN) EC 6.3.-
(SY) carbamylphosphate synthetase II
(HM) *CARBAMYL PHOSPHATE SYNTHASE (GLUTAMINE)
(NO) utilizes either glutamine or ammonia as nitrogen donor, preferably glutamine; not affected by N-acetylglutamate

carbamylphosphate synthetase II see carbamyl phosphate synthase II

carbamyl phosphokinase see carbamate kinase

carbanolate
(RN) 671-04-5
(SY) Banol
(HM) *CARBAMATES
(PA) INSECTICIDES, CARBAMATE
(NO) structure

Carbapenam 17927-D see 17927 D

carbapenem RS 533
(RN) 87726-17-8
(SY) carbapenem RS-533
(SY) 6-(1-hydroxyethyl)-2-(1-acetimidoylpyrrolidin-3-ylthio)-1-carbapen-2-em-3-carboxylic acid
(HM) *THIENAMYCINS
(NO) synthetic cpd; structure given in first source

carbapenem PS-533 see carbapenem RS 533

carba-PGI3 see 6a-carbaprostaglandin I3

6a-carba-PGI2 see carboprostacyclin

carba PGX see carboprostacyclin

(5E)-6a-carba-prostaglandin I2 see carboprostacyclin

6a-carbaprostaglandin I3
(SY) carba-PGI3
(HM) *PROSTAGLANDINS X
(II) PROSTAGLANDINS, SYNTHETIC
(NO) structure given in first source

Carbarson
(RN) 121-59-5
(SY) Carbason
(SY) 4-ureidobenzenearsonic acid
(HM) *ARSANILIC ACID/analogs
(NO) sometimes used in treatment of intestinal amoebiasis; structure in first source

Carbason see Carbarson

carbathione see methyldithiocarbamate

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carbazeran
(RN) 70724-25-3
(HM) *CARBAMATES
(PA) CARDIOVASCULAR AGENTS
(NO) structure given in first source & in USAN 1981, p.70

carbazochrome sodium sulfonate
(RN) 1428-72-4
(SY) adrenochrome semicarbazone sodium sulfonate
(HM) CARBAZOCHROME/*analogs

carbazole
(RN) 86-74-8
(SY) 9H-carbazole
(SY) 9-azafluorene
(SY) dibenzopyrrole
(SY) dibenzo(b,d)pyrrole
(SY) diphenylenimine
(HM) *CARBAZOLES
(PA) CARCINOGENS
(NO) structure in first source

9H-carbazole see carbazole

11-(9-carbazolyl)undecanoic acid
(RN) 73025-00-0
(SY) 9-CUA
(HM) *CARBAZOLES
(II) FLUORESCENT DYES
(NO) RN given form first source; RN not in Chemline 2/5/85

carbazomycin A
(RN) 75139-39-8
(SY) 3,4-dimethoxy-1,2-dimethylcarbazoleCarbazomycin A
(HM) CARBAZOLES
(PA) ANTIBIOTICS
(NO) from Streptomyces Strain H 1051-MY 10; structure not given in first source, but MF given as C16-H17-N-O2; structure contains dimethoxy-dimethylcarbazole moiety

carbazomycin B
(RN) 75139-38-7
(SY) 4-hydroxy-3-methoxy-1,2-dimethylcarbazole
(HM) CARBAZOLES
(PA) ANTIBIOTICS
(NO) from Streptomyces Strain H 1051-MY 10; structure not given in first source, but MF given as C15-H15-N-O2; structure contains hydroxy-methoxy-dimethylcarbazole

carbemazepine-10,11-diol see 10,11-dihydro-10,11-dihydroxy-5H-dibenzazepine-5-carboxamide

carbendazim see mecarzole

carbendazin see mecarzole

carbendazyme see mecarzole

carbene
(RN) 2465-56-7
(RR) 50928-07-9 (ion(-1))
(RR) 57473-48-0 (13C-labeled cpd)
(SY) methylene radical
(HM) METHANE/*analogs
(NO) RN given refers to parent cpd

Carbethimer see NED 137

N-carbethoxy-2-ethoxy-1,2-dihydroquinoline see EEDQ

3-carbethoxyhomopsoralen see 3-carbethoxypyranocoumarin

3-carbethoxy-6-methyl-9-carboxymethyl-4-oxo-6,7,8,9-tetrahydro-4H-pyrido(1,2-A)pyrimidine see chinoin 123

4-(carbethoxynitrosamino)butanal
(RN) 65734-41-0
(SY) CENAB
(HM) *NITROSAMINES
(NO) structure in first source

p-carbethoxyphenyl epsilon-guanidinocaproate see (ethyl 4-(6-guanidinohexanoyloxy)benzoate) methanesulfonate

N-(1-carbethoxy-3-phenylpropyl)alanyl-2-azabicyclo(3.3.0)octane-3-carboxylic acid see Hoe 498

3-carbethoxy-psoralen see 3-carbethoxypsoralen

3-carbethoxypsoralen
(RN) 60174-36-9
(SY) 7H-furo(3,2-g)(1)benzopyran-3-carboxylic acid, 7-oxo-, ethyl ester
(SY) 3-carbethoxy-psoralen
(HM) *PSORALENS

3-carbethoxypyranocoumarin
(SY) 3-carbethoxyhomopsoralen
(SY) 3-CHPS
(HM) *COUMARINS
(NO) has photobiological properties; structure given in first source

carbicarb
(HM) *BICARBONATES
(HM) *CARBONATES
(HM) DRUG COMBINATIONS
(NO) combination of sodium bicarbonate & sodium carbonate as alkalinizing ion-generating agent

carbicron see dicrotophos

carbidine see dicarbine

carbine see dicarbine

carbinoxamine
(RN) 486-16-8
(HM) *PYRIDINES
(PA) ANTIHISTAMINICS
(NO) structure

carbisocaine see carbizocaine

carbitol
(RN) 111-90-0
(SY) diethylene glycol monoethyl ether
(SY) ethyl carbitol
(SY) ethylcarbitol
(HM) *ETHYLENE GLYCOLS
(II) WATER POLLUTANTS, CHEMICAL
(NO) used as lubricating oil & in braking fluid, structure

carbizocaine
(RN) 76629-87-3
(SY) carbisocaine
(HM) *CARBAMATES
(PA) ANESTHETICS, LOCAL
(NO) RN given from Toxline; RN not in Chemline 8/85

carbobenzoxyargininamide-7-yl-4-methylcoumarin
(SY) CAMCA
(SY) carbobenzoxy-L-arginine-7-amino-4-methylcoumarin amide
(SY) carbobenzoxyarginyl-7-amino-4-methylcoumarinyl amide
(HM) *COUMARINS
(NO) used for measuring trypsin-like activity; structure given in first source

carbobenzoxy-L-arginine-7-amino-4-methylcoumarin amide see carbobenzoxyargininamide-7-yl-4-methylcoumarin

carbobenzoxyarginyl-7-amino-4-methylcoumarinyl amide see carbobenzoxyargininamide-7-yl-4-methylcoumarin

carbobenzoxy chloride
(RN) 501-53-1
(SY) benzyl chloroformate
(HM) *FORMIC ACIDS
(II) INDICATORS AND REAGENTS
(NO) amino group reagent; structure

S-carbobenzoxyglutathione
(RN) 85270-49-1
(SY) S-CBG
(HM) GLUTATHIONE/*analogs
(PA) ENZYME INHIBITORS
(NO) inhibitor of glyoxalase II; RN & structure given in first source; RN not in Chemline 12/21/83

N-carbobenzoxyglycyl-leucyl-aminohexyl-sepharose
(SY) CBZ-Gly-Leu-Ahx-Sepharose
(SY) N-benzyloxycarbonylglycyl-leucyl-aminohexylamino-sepharose
(HM) SEPHAROSE/*analogs

carbobenzoxyglycylphenylalanine
(RN) 1170-76-9
(RR) 54885-66-4 ((D-Phe)-isomer)
(SY) carbobenzoxyglycyl-L-phenylalanine
(SY) carbobenzoxy-Gly-Phe
(HM) *DIPEPTIDES
(NO) used as substrate for carboxypeptidase B; RN given refers to (L-Phe)-isomer; RN for cpd without isomeric designation not in Chemline 1/16/84

carbobenzoxyglycyl-L-phenylalanine see carbobenzoxyglycylphenylalanine

N-carbobenzoxyglycyl-prolyl-argininamide- 9-ethylcarbazole
(RN) 87004-89-5
(SY) benzyloxycarbonylglycyl-prolyl-arginine-3-amino-9-ethylcarbazole
(SY) Cbz-Gly-Pro-Arg-AEC
(HM) *OLIGOPEPTIDES
(II) FLUORESCENT DYES
(NO) fluorogenic substrate for plasmin & plasminogen activator activity

carbobenzoxyglycyl-prolyl-arginine-4-nitroanilide
(RN) 66648-35-9
(SY) Cbz-Gly-Pro-Arg-p-NA
(HM) *OLIGOPEPTIDES
(II) CHROMOGENIC COMPOUNDS
(NO) chromogenic aminopeptidase substrate

carbobenzoxy-Gly-Phe see carbobenzoxyglycylphenylalanine

carbobenzoxyleucyl-leucyl-glutamyl-2-nitroanilide
(SY) Cbz-Leu-Leu-Glu-2NNP
(HM) *OLIGOPEPTIDES
(II) CHROMOGENIC COMPOUNDS
(NO) chromogenic substrate

carbobenzoxyphenylalanine
(RN) 1161-13-3
(RR) 2448-45-5 ((D-Phe)-isomer)
(RR) 3588-57-6 ((DL-Phe)-isomer)
(RR) 34029-63-5 (Na salt(L-Phe)-isomer)
(HM) PHENYLALANINE/*analogs
(NO) RN given refers to (L-Phe)-isomer; RN for cpd without isomeric designation not in Chemline 1/16/84

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carbobenzoxy-L-phenylalanyl-L-arginine 4- methylcoumarinyl-7-amide
(RN) 65147-22-0
(SY) benzyloxycarbonyl-Phe-Arg 4-methyl-7-coumarylamide
(SY) Z-Phe-Arg-4-NMec
(HM) *COUMARINS
(II) FLUORESCENT DYES
(NO) substrate for measurement of human prekallikrein

carbobenzoxyphenylalanylmethionine
(RN) 13126-07-3
(SY) Cbz-Phe-Met
(SY) N-alpha-carbobenzoxy-L-phenylalanyl-L-methionine
(SY) Cbz-Phe-Ala-Met
(HM) *DIPEPTIDES

carbobenzoxyprolyl-leucyl-glycinamide
(RN) 14485-80-4
(SY) Z-Pro-Leu-Gly-NH2
(SY) Z-PLG
(HM) MSH RELEASE INHIBITING HORMONE/*analogs
(NO) RN given refers to all (L)-isomer; RN for cpd without isomeric designation not in Chemline 10/85

carbobenzoxy-valyl-glycyl-arginine-4-nitroanilide see carbobenzoxyvalyl-glycyl-arginine-4-nitroanilide

carbobenzoxyvalyl-glycyl-arginine-4-nitroanilide
(RN) 78333-16-1
(SY) Cbz-Val-Gly-Arg-p-NA
(SY) carbobenzoxy-valyl-glycyl-arginine-4-nitroanilide
(HM) *OLIGOPEPTIDES
(II) CHROMOGENIC COMPOUNDS

N-carbobenzyloxylysine thiobenzyl ester see thiobenzyl benzyloxycarbonyl-L-lysinate

3-carbo-t-butoxy-beta-carboline see 3-carboxy-tert-butoxy-beta-carboline

carbocyclase see terpene carbocyclase

carbocyclic arabinofuranosyladenine see carbocyclic arabinosyladenine

carbocyclic arabinosyladenine
(RN) 13089-44-6
(SY) cyclic arabinosyladenine
(SY) C-ara-A
(SY) cyclaradine
(SY) carbocyclic arabinofuranosyladenine
(HM) VIDARABINE/*analogs
(NO) structure

carbocyclic 5-(2-bromovinyl)-2'-deoxycytidine see 1-(3-hydroxy-4-(hydroxymethyl)cyclopentyl)-4-amino-5-(2-bromovinyl)-2(1H)-pyrimidinone

carbocyclic 5-(2-bromovinyl)-2'-deoxyuridine see 1-(3-hydroxy-4-(hydroxymethyl)cyclopentyl)-5-(2-bromovinyl)-2,4-(1H,3H)-pyrimidinedione

carbocyclic BVDC see 1-(3-hydroxy-4-(hydroxymethyl)cyclopentyl)-4-amino-5-(2-bromovinyl)-2(1H)-pyrimidinone

carbocyclic BVDU see 1-(3-hydroxy-4-(hydroxymethyl)cyclopentyl)-5-(2-bromovinyl)-2,4-(1H,3H)-pyrimidinedione

carbocyclic 3-deazaadenosine
(RN) 81601-33-4
(SY) 3-deaza-C-ado
(HM) TUBERCIDIN/*analogs
(PA) ANTIVIRAL AGENTS
(NO) carboxylic analog of 3-deazaadenosine

carbocyclic guanosine monophosphate
(SY) CC-GMP
(HM) GUANOSINE CYCLIC MONOPHOSPHATE/*analogs
(NO) structure given in first source

carbocyclic inosine monophosphate
(SY) CC-IMP
(HM) *INOSINE CYCLIC MONOPHOSPHATE/analogs
(NO) structure given in first source

carbocyclic 5-(2-iodovinyl)-2'-deoxyuridine see 1-(3-hydroxy-4-(hydroxymethyl)cyclopentyl)-5-(2-iodovinyl)-2,4-(1H,3H)-pyrimidinedione

carbocyclic IVDU see 1-(3-hydroxy-4-(hydroxymethyl)cyclopentyl)-5-(2-iodovinyl)-2,4-(1H,3H)-pyrimidinedione

carbocyclic thromboxane A2 see thromboxane A2, carbocyclic

carbocysteine-Cys-Val see delta-carboxymethylcysteinyl-cysteinyl-valine

carbocysteine-lysine
(RN) 82951-55-1
(SY) S-carboxymethylcysteine-Lys
(SY) SCMC-Lys
(HM) CARBOCYSTEINE/*analogs
(PA) EXPECTORANTS

3-carboethoxy-beta carboline see beta-carboline-3-carboxylic acid ethyl ester

4-(carboethoxyphenyl)retinamide
(RN) 53839-71-7
(SY) retinamide ethyl benzoate
(SY) 4-(ethoxycarbophenyl)retinamide
(HM) TRETINOIN/*analogs
(PA) ANTINEOPLASTIC AGENTS

carbogen
(RN) 8063-77-2
(RR) 50642-43-3 (former CAS number)
(HM) *OXYGEN
(HM) *CARBON DIOXIDE
(NO) mixture of 95% O2 & 5% CO2

carbohexoxymethyl 2-cyanoacrylate monomer
(RN) 61434-04-6
(SY) Ethicon CHC
(HM) *CYANOACRYLATES
(II) TISSUE ADHESIVES

carbohydrase
(RN) EC 3.2.1.-
(HM) *GLYCOSIDE HYDROLASES
(NO) contains sialidase, fucosidase, hexosaminidase & beta-galactosidase

carbohydrate antigen 19-9 see Ca antigens

carbohydrate-binding protein (nematophagous fungi)
(SY) carbohydrate-BP (Nem-Fungi)
(HM) *CARRIER PROTEINS
(II) HYPHOMYCETES
(II) NEMATODA
(II) ACETYLGALACTOSAMINE/metab
(NO) found on traps of nematophagous fungi; binds to N-acetyl-D-galactosamine on the nematode surface; results in consumption of nematode by fungus; MW 20,000

carbohydrate-binding proteins (galactose-specific) see galaptins

carbohydrate-BP (Nem-Fungi) see carbohydrate-binding protein (nematophagous fungi)

carbohydrate-rich salmon gonadotropin see salmon gonadotropin

carbol-fuchsin solution
(RN) 4197-24-4
(SY) Castellani paint
(SY) Magenta II
(HM) *ROSANILINE DYES
(NO) saturated alcoholic solution of basic fuchsin containing also aqueous phenol, boric acid, acetone & resorcinol

carbolic acid see phenol

carbomer-934 see carbomer 934p

carbomer 934p
(RN) 9007-16-3
(SY) carbomer-934
(SY) carboxypolymethylene, carboxyvinyl polymer
(HM) *ACRYLIC RESINS
(PA) ANTIVIRAL AGENTS
(NO) polymer of acrylic acid, cross-linked with polyfunctional agent

3-carbomethoxy-beta-carboline see beta-carboline-3-carboxylic acid methyl ester

1-carbomethoxy-5-formyl-4,6,8-trihydroxyphenazine see lomofungin

3'-carbomethoxy-4'-hydroxy-6,6-dimethylnaphtho(1',2'-2,3)pyran see rubimaillin

carbonate calcium hydroxyapatite see hydroxyapatite

carbon dioxide ion see carboxyl radical

carbon dioxide reductase
(RN) EC 1.2.7.-
(SY) CO2 reductase
(SY) ferredoxin-CO2 oxidoreductase
(SY) carbon monoxide dehydrogenase
(SY) CO dehydrogenase
(SY) formate dehydrogenase, ferredoxin-dependent
(HM) *ALDEHYDE OXIDOREDUCTASES
(NO) carbon monoxide is oxidized to carbon dioxide; carbon dioxide may be reduced to formate

carbon dioxide reduction factor
(RN) 89873-36-9
(SY) CDR factor
(SY) methanofuran
(HM) *FURANS
(II) COENZYMES
(NO) coenzyme of methanogenesis from carbon dioxide; can exist in amine & formamide form; structure given in first source

carbon felt see Grafil

carbon fiber see Grafil

carbon-fibre reinforced plastic see plastic, carbon fiber reinforced

carbon hexachloride see hexachloroethane

carbonic acid ion see bicarbonate ion

carbon monoxide-acceptor oxidoreductase
(RN) EC 1.1.99.-
(HM) *OXIDOREDUCTASES

carbon monoxide dehydrogenase see carbon dioxide reductase

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carbon monoxide–methylene blue oxidoreductase
(RN) EC 1.2.3.-
(SY) CM-MB oxidoreductase
(SY) carbon monoxide oxidase
(HM) *ALDEHYDE OXIDOREDUCTASES
(NO) molybdenum-containing iron-sulfur flavoprotein from Pseudomonas carboxydovorans; forms carbon dioxide

carbon monoxide oxidase see carbon monoxide-methylene blue oxidoreductase

carbonmonoxy HbS see carboxyhemoglobin, sickle

carbonmonoxymyoglobin see carboxymyoglobin

carbon oxysulfide see carbonyl sulfide

carbon–polylactic acid polymer
(SY) polylactic acid-carbon polymer
(HM) *CARBON
(HM) *POLYMERS
(HM) *LACTATES
(II) IMPLANTS, ARTIFICIAL

carbon–sulfur lyase
(RN) EC 4.4.-
(SY) carbon-sulphur lyase
(SY) C-S lyase
(HM) *LYASES

carbon-sulphur lyase see carbon-sulfur lyase

carbon tetrabromide
(RN) 558-13-4
(SY) tetrabromomethane
(HM) *HYDROCARBONS, BROMINATED

carbon tetrafluoride
(RN) 75-73-0
(SY) ftoksilol
(SY) ftoxycol
(SY) perfluoromethane
(HM) *FLUOROCARBONS

4,4'-(carbonyl(bis(benzene-4,1-diyl)bis(imino))bis (benzene sulfonate) sodium salt see sirofluor

carbonyl cyanide see mesoxalonitrile

N,N–carbonyldiimidazole
(RN) 530-62-1
(HM) *IMIDAZOLES
(II) SULFHYDRYL REAGENTS

carbonyl iron (Fe(CO)5) see iron carbonyl compounds

carbonyl reductase see alcohol dehydrogenase (NADP+)

carbonyl sulfide
(RN) 463-58-1
(SY) carbon oxysulfide
(HM) *SULFUR OXIDES
(NO) structure

carbophenothion
(RN) 786-19-6
(SY) trithion
(HM) *ORGANOTHIOPHOSPHORUS COMPOUNDS
(PA) INSECTICIDES, ORGANOTHIOPHOSPHATE
(NO) structure

carboplatin see diammine-1,1-cyclobutane dicarboxylate platinum II

carbopol see carboxypolymethylene

carbopol 940
(RN) 9003-01-4
(RR) 9003-04-7 (unspecified Na salt)
(RR) 25987-55-7 (Ca salt)
(RR) 9003-03-6 (NH4 salt)
(RR) 78922-13-1 (cpd with unknown MF)
(RR) 9062-04-8 (carbopol 941)
(SY) acrylic acid, polymers
(SY) polyacrylic acid
(SY) polyacrylate sodium
(SY) sodium polyacrylate
(HM) *ACRYLIC RESINS
(NO) high molecular polyanionic substance tested for antiulcerogenic activity; RN given refers to parent cpd

carboprostacyclin
(RN) 69552-46-1
(RR) 73088-57-0 (mono-Na salt)
(RR) 69609-77-4 ((3aS-(2Z,3aalpha,4alpha,(1E,3R*),5beta,6aalpha))-isomer)
(SY) 9alpha-deoxy-9alpha-methylene-PGI2
(SY) carbacyclin
(SY) (5E)-6a-carba-prostaglandin I2
(SY) 6a-carba-PGI2
(SY) carbacycline
(SY) carba PGX
(HM) *PROSTAGLANDINS X
(II) PROSTAGLANDINS, SYNTHETIC
(NO) potent stable prostacyclin analog which inhibits platelet aggretation; do not confuse with carboprost (15-methyl-PGF2alpha); RN given refers to (3aS-(2Z,3aalpha,4alpha(1E,R*),5beta,6aalpha))-isomer; RN for cpd without isomeric designation not in Chemline 1/16/84; structure given in first source

carbostimulin
(RN) 64137-08-2
(HM) *CARBONATES
(HM) *MAGNESIUM SULFATE
(HM) *MANGANESE
(HM) *ZINC
(HM) DRUG COMBINATIONS

carbosulfan
(RN) 39995-74-9
(SY) 2,3-dihydro-2,2-dimethyl-7-benzofuranyl (di-n-butylaminosulfenyl)methylcarbamate
(HM) *CARBAMATES
(PA) INSECTICIDES, CARBAMATE
(NO) structure given in first source

17–carboxamide dexamethasone see dexamethasone-17-carboxamide

5–carboxamide tryptamine
(HM) *TRYPTAMINES
(NO) has high affinity for 5-hydroxytryptamine binding sites; structure given in first source

carboxamidopeptidase
(RN) EC 3.4.21.-
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) has both trypsin & chymotrypsin-like activities; neurohypophyseal hormone inactivating peptidase from toad skin

1–4–carboxamidophenyl–3,3–dimethyltriazene
(RN) 33330-91-5
(SY) 1-para-carboxamidophenyl-3,3-dimethyltriazene
(SY) DM-CONH
(HM) *TRIAZENES
(PA) ANTINEOPLASTIC AGENTS

4–carboxamidopiperidine–N–dithiocarboxylate
(RN) 89970-79-6
(SY) CAP-N-DTC
(SY) para-carboxamidopiperidine-N-dithiocarboxylate
(HM) *PIPERIDINES
(PA) CADMIUM/antag
(II) CHELATING AGENTS
(NO) structure given in first source

carboxide see cyclohexamethylene carbamide

2-(3-carboxyamido-3-(trimethylammonio)propyl)histidine see diphthamide

carboxyarabinitol biphosphate
(RN) 27442-42-8
(HM) *SUGAR PHOSPHATES

2–carboxyarabinitol 1,5–bisphosphate
(SY) 2-CABP
(HM) *SUGAR PHOSPHATES

carboxyatractylate see carboxyatractyloside

carboxyatractylate–binding protein
(HM) *CARRIER PROTEINS

carboxyatractyloside
(RN) 35988-42-2
(RR) 33286-30-5 (di-K salt)
(SY) gummiferin
(SY) carboxyatractylate
(HM) *ATRACTYLOSIDE/analogs
(NO) RN given refers to parent cpd; structure

4–carboxybenzaladehyde
(RN) 619-66-9
(SY) para-carboxybenzaldehyde
(HM) *BENZALDEHYDES

2'–carboxybenzalpyruvate
(RN) 85896-59-9
(SY) 2-CBAP
(HM) *PHENYLPYRUVIC ACIDS
(NO) intermediate in phthalate pathway of gram negative bacteria; structure given in first source

carboxybiotin see N1'-carboxybiotin

5–carboxybupranolol
(RN) 42242-69-3
(SY) 1-tert-butylamino-3-(2-chloro-5-carboxyphenoxy) propan-2-ol
(HM) *BUPRANOLOL/analogs
(NO) bupranolol major metabolite; structure given in first source

carboxycarbonyl–aminoalanine see oxalyldiaminopropionic acid

N–(4–carboxycyclohexylmethyl)maleimide N– hydroxysuccinimide ester
(RN) 64987-85-5
(SY) SMCC
(SY) N-hydroxysuccinimidyl 4-(N-maleimidomethylcyclohexane)-1-carboxylate
(HM) *MALEIMIDES
(II) CROSS-LINKING REAGENTS

carboxy DADS see N,N'-bis(S-benzoylmercaptoacetyl)-2,3-diaminopropionic acid ethyl ester

7–carboxy–7–deazaguanosine see cadeguomycin

N–(10–carboxy)decumethylene–4–(1–naphthylvinyl) pyridinium chloride see N-(10-carboxy)decamethylene-4-(1-naphthylvinyl) pyridinium

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N-(10-carboxy)decamethylene-4-(1-naphthylvinyl)pyridinium
(RN) 87045-04-3
(SY)
N-(10-carboxy)decamethylene-4-(1-naphthylvinyl) pyridinium chloride
(SY) CDM-NVP
(HM) *NAPHTHYLVINYLPYRIDINE/analogs
(II) AFFINITY LABELS
(NO) used in affinity chromatography of choline acetyltransferase

10-carboxydecylamino sepharose see 10-carboxydecylamino-sepharose

10-carboxydecylamino-sepharose
(RN) 76929-94-7
(SY) 10-CDA-sepharose
(SY) 10-carboxydecylamino sepharose
(HM) SEPHAROSE/*analogs
(NO) structure given in first source

2-(10-carboxydecyl)-2-hexyl-4,4-dimethyl-3-oxyloxazolidine see 12-doxylstearic acid

10-carboxydecyl-sepharose
(HM) SEPHAROSE/*analogs

9-carboxy-delta(9)-THC see delta(9)-tetrahydrocannabinolic acid

2-carboxy-11,17-dihydroxy-17-methyl-1,4-androstadien-3-one see roxibolone

S-(6-carboxy-6-(((2,2-dimethylcyclopropyl)carbonyl) amino)-5-hexenyl)cysteine see MK 791

6-carboxy-4',5'-dimethylfluorescein diacetate
(SY) Me2CFA2
(HM) *FLUORESCEINS
(II) FLUORESCENT DYES

carboxydinitrophenyl-lysine see 4-carboxy-2,6-dinitrophenyllysine

4-carboxy-2,6-dinitrophenyllysine
(SY) CDNP-lysine
(SY) carboxydinitrophenyl-lysine
(HM) LYSINE/*analogs

5-carboxy-EDDHA see 5-carboxy-ethylenediamine-N,N'-bis(2-hydroxyphenylacetic acid)

carboxyesterase see carboxylesterase

N'-(1-carboxyethyl)arginine see octopine

5-(carboxyethylcarbamoyl-4-phenylazo)salicylic acid see balsalazide

1-(4'-carboxyethyl)-6-diphenyl-1,3,5-hexatriene
(RN) 85125-40-2
(SY) CEDPHT
(HM) *DIPHENYLHEXATRIENE/analogs
(II) FLUORESCENT DYES
(NO) fluorescence donor in membrane fusion

5-carboxy-ethylenediamine-N,N'-bis(2-hydroxyphenylacetic acid)
(RN) 85120-53-2
(SY) 5-carboxy-EDDHA
(HM) *ETHYLENEDIAMINES
(II) IRON CHELATES
(NO) complexed with (67)Ga for radiopharmaceutical; structure given in first source

2-carboxyethyl gamma-aminobutyric acid
(RN) 4386-03-2
(SY) CE-GABA
(HM) GABA/*analogs
(II) GROWTH SUBSTANCES
(NO) has growth effect on hybridomas

carboxyethylgermanium sesquioxide
(RN) 12758-40-6
(SY) Ge 132
(HM) *GERMANIUM
(HM) *ORGANOMETALLIC COMPOUNDS
(PA) ANTINEOPLASTIC AGENTS

7-(2-carboxyethyl)guanine
(RN) 1082-07-1
(SY) 7-CE-Gua
(HM) GUANINE/*analogs
(NO) structure given in first source

9-(2-carboxyethyl)guanine
(RN) 84628-22-8
(SY) CE-guanine
(HM) GUANINE/*analogs

4-O-(3,4-O-(1-carboxyethylidene)-beta-galactopyranosyl)erithritol
(RN) 87810-47-7
(SY) 1-CGPE
(HM) ERYTHRITOL/*analogs
(HM) GALACTOSE/*analogs
(NO) from Klebsiella K33 polysaccharide

1-carboxyethyl-2-iminoimidazolidine-3-phosphate see phosphohomocyclocreatine

1-carboxyethyl-2-iminoimidazolidine see homocyclocreatine

4-(2-carboxyethyl)phenyl-trans-4-aminomethylcyclohexane carboxylate hydrochloride see cetraxate

N(8)-(2-carboxyethyl)spermidine see N(8)-2-carboxyethylspermidine

N(8)-2-carboxyethylspermidine
(RN) 66165-34-2
(SY) N-(3-aminopropyl)-N(4)-(2-carboxyethyl)-1,4-diaminobutane
(SY) N(8)-(2-carboxyethyl)spermidine
(SY) 2-CESP
(SY) spermic acid 1
(HM) SPERMIDINE/*analogs

1-(2-carboxyethyl)uracil
(RN) 2950-82-5
(SY) CE-uracil
(HM) URACIL/*analogs

carboxyfluoresceindiacetate
(SY) COFDA
(HM) *FLUORESCEINS

4-carboxyfluorescein
(RN) 76823-03-5
(RR) 72088-94-9 (unspecified carboxylic acid locant)
(SY) 4(5)-carboxyfluorescein
(HM) *FLUORESCEINS

4(5)-carboxyfluorescein see 4-carboxyfluorescein

5(6)-carboxyfluorescein see 6-carboxyfluorescein

6-carboxyfluorescein
(RN) 3301-79-9
(SY) 5(6)-carboxyfluorescein
(HM) *FLUORESCEINS
(NO) originally sold as 6-carboxyfluorescein, but commercial product is a mixture of two isomers; correct name is 5(6)-carboxyfluorescein

N-(1-carboxy-4-guanidinobutyl)-N'-(1-carboxy-2-(imidazol-4-yl)ethyl)ethylenediamine see histargin

carboxyhemoglobin, sickle
(SY) carbonmonoxy HbS
(SY) CO-HbS
(HM) *HEMOGLOBIN, SICKLE

1-carboxyheptylimidazole
(RN) 68887-68-3
(RR) 72348-99-3 (mono-HCl)
(SY) OKY 025
(HM) *IMIDAZOLES
(PA) THROMBOXANE SYNTHETASE/antag
(NO) RN given refers to parent cpd

1-(7-carboxyheptyl)imidazole
(RN) 68887-67-2
(RR) 74706-73-3 (mono-HCl)
(SY) 7-(1-imidazolyl)heptanoic acid
(SY) N-(7-carboxyheptyl)imidazole
(HM) *IMIDAZOLES
(NO) selectively inhibits thromboxane A(2) biosyn from PG endoperoxides; RN given refers to parent cpd

N-(7-carboxyheptyl)imidazole see 1-(7-carboxyheptyl)imidazole

5-(6-carboxyhex-2-enyl)-1-(3-cyclohexyl-3-hydroxypropyl)hydantoin see hydantoin 454C77

2-carboxy-D-hexitol 1,6-bisphosphate
(HM) *HEXOSEDIPHOSPHATES
(NO) structure given in first source

5-(6-carboxyhexyl)-1-(3-cyclohexyl-3-hydroxypropyl) hydantoin see BW 245C

2-(6-carboxyhexyl)cyclopentanone hexylhydrazone
(RN) 85421-76-7
(SY) 2-CHCHH
(HM) *PROSTANOIC ACIDS
(II) PLATELET AGGREGATION/drug eff
(NO) structure & RN given in first source

3-(2-carboxyhydrazine)phenylimino-2-oximobutane
(SY) H2CPOB
(HM) *HYDRAZINES
(PA) ANTITUBERCULAR AGENTS
(II) CHELATING AGENTS
(NO) structure given in first source

1-carboxy-4-hydroxy-2,5-cyclohexadiene-1-pyruvic acid see prephenic acid

N-(4-carboxy-3-hydroxyphenyl)maleimide
(RN) 19232-43-0
(HM) *MALEIMIDES
(II) SULFHYDRYL REAGENTS

2-carboxy-2'-hydroxy-5'-sulfoformazylbenzene see zincon

carboxyimamidate see NED 137

carboxyl (acid) proteinases
(RN) EC 3.4.23
(SY) acid proteases
(SY) carboxylic proteinase
(SY) acid proteinases
(SY) aspartic proteinases
(SY) aspartyl proteinases
(HM) *PEPTIDE PEPTIDOHYDROLASES

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carboxylesterase
(RN) EC 3.1.1.1
(RR) 9016-18-6 (CRN)
(SY) carboxylic ester hydrolase
(SY) esterase 1
(SY) non-specific esterase
(SY) esterase 1F
(SY) non-specific carboxylesterase
(SY) esterase A4
(SY) porphobilinogen esterase
(SY) isocarboxazide amidase
(SY) esterase 6
(SY) aliesterase
(SY) ali-esterase
(SY) esterase 6A
(SY) steroid acetate hydrolyzing enzyme
(SY) somanase
(SY) carboxyesterase
(SY) esterase 8
(SY) esterase 3
(SY) esterase 13
(SY) esterase 10
(HM) *CARBOXYLIC ESTER HYDROLASES
(NO) catalyzes a carboxylic ester to yield an alcohol & carboxylic acid anion; has wide specificity; also hydrolyzes vitamin A esters

carboxylic ester hydrolase see carboxylesterase

carboxylic proteinase see carboxyl (acid) proteinases

carboxylin see carboxyline

carboxyline
(RN) 37330-47-5
(SY) carboxylin
(HM) *BICARBONATES
(HM) *AMMONIUM COMPOUNDS
(HM) *METALS
(HM) DRUG COMBINATIONS
(NO) mixture of sodium bicarbonate and ammonium, magnesium, manganese and zinc sulfates; russian drug

carboxyl radical
(RN) 14485-07-5
(SY) carbon dioxide ion
(SY) COO-
(HM) *CARBON DIOXIDE
(II) FREE RADICALS

carboxyl-terminal parathyroid hormone
(SY) c-terminal parathyroid hormone
(SY) carboxy-terminal parathyroid hormone
(SY) c-terminal PTH
(HM) *PARATHYROID HORMONES
(HM) *PEPTIDE FRAGMENTS

7-carboxylumichrome
(RN) 84869-38-5
(HM) *FLAVINS
(NO) structure given in first source

8-carboxylumichrome
(HM) *FLAVINS
(NO) structure given in first source

2-carboxymethoxy-4,4'-bis(3-methyl-2-butenyloxy) chalcone see SU 88

(2-carboxy-2-((methoxycarbonyl)amino)ethyl) triphenylphosphonium chloride see (2-carboxy-2-((methoxycarbonyl)amino)ethyl) triphenylphosphonium

(2-carboxy-2-((methoxycarbonyl)amino) ethyl)triphenylphosphonium
(SY) (2-carboxy-2-((methoxycarbonyl)amino)ethyl) triphenylphosphonium chloride
(SY) 2-CMETP
(HM) *ORGANOPHOSPHORUS COMPOUNDS
(NO) structure given in first source

10-carboxymethyl-9-acridanone
(RN) 38609-97-1
(RR) 58880-43-6 (Na salt)
(SY) 10(9H)-acridineacetic acid, 9-oxo-
(HM) *ACRIDINES
(PA) INTERFERON INDUCERS
(NO) RN given refers to parent cpd

O-carboxymethylagarose ethylenediamine-succinyl-17 beta-O-4,6-androstadien-3-one
(SY) CMESA-sepharose
(HM) SEPHAROSE/*analogs
(II) AFFINITY LABELS

O-carboxymethylagarose-ethylenediamine- succinyl-17 beta-O-19-nortestosterone
(SY) CMESN-sepharose
(HM) SEPHAROSE/*analogs
(II) AFFINITY LABELS

4-O-carboxymethylascochlorin see AS 6

S-carboxymethylated human growth hormone see S-carboxymethylsomatotropin

S-carboxymethylated somatotropin see S-carboxymethylsomatotropin

trans-N-(carboxymethyl)-4-(beta-1-naphthylvinyl) pyridinium bromide see N-(carboxymethyl)-4-(beta-1-naphthylvinyl)pyridinium

N-(carboxymethyl)-4-(beta-1-naphthylvinyl)pyridinium
(RN) 89711-10-4
(SY) trans-N-(carboxymethyl)-4-(beta-1-naphthylvinyl) pyridinium bromide
(SY) NCNPP
(HM) *NAPHTHYLVINYLPYRIDINE/analogs
(NO) RN & structure given in first source; RN given refers to bromide(trans)-isomer; RN for parent cpd without isomeric designation not in Chemline 8/84

5-(carboxymethylcarbamoyl-4-phenylazo)salicylic acid see ipsalazide

carboxymethylcellulase
(RN) EC 3.2.1.-
(SY) carboxymethyl cellulase
(SY) CMCase
(HM) *GLYCOSIDE HYDROLASES

carboxymethyl cellulase see carboxymethylcellulase

O-(carboxymethyl)chitin
(RN) 52519-63-8
(HM) CHITIN/*analogs
(NO) bovine blood proteins are adsorped onto the surface of above cpd

(carboxymethyl)cobalamin see Co-(carboxymethyl)cobalamin

S-carboxymethylcysteine-Lys see carbocysteine-lysine

carboxymethyl dextran
(RN) 9044-05-7
(SY) carboxymethyldextran
(HM) *DEXTRANS

carboxymethyldextran see carboxymethyl dextran

carboxymethyl dextran hydroxamate
(RN) 80451-07-6
(SY) hydroxamic acid carboxymethyl dextran
(HM) *DEXTRANS
(NO) structure given in first source

N-(carboxymethyl)-N-(2-((2,6-dimethylphenyl)amino)-2-oxoethyl)glycine, technetium salt see technetium Tc 99m lidofenin

carboxymethylenebutenolidase
(RN) EC 3.1.1.45
(SY) dienelactone hydrolase
(SY) 4-carboxymethylene but-2-enolide hydrolase
(HM) *CARBOXYLIC ESTER HYDROLASES

4-carboxymethylene but-2-enolide hydrolase see carboxymethylenebutenolidase

carboxymethylesterase of chemotaxis see chemotactic protein methylesterase

S-(carboxymethyl)glutathione
(RN) 10463-61-3
(HM) GLUTATHIONE/*analogs

5-carboxymethyl-2-hydroxymuconic acid semialdehyde dehydrogenase
(RN) EC 1.2.1.-
(SY) CHMSA dehydrogenase
(HM) *ALDEHYDE OXIDOREDUCTASES

1-carboxymethyl-3-hydroxy-2,2,3-trimethylcyclopentane
(SY) CMOH-TMCP
(HM) *TERPENES
(NO) camphor metabolite in sage

1-carboxymethyl-2-iminophosphoimidazolidine see phosphocyclocreatine

1-carboxymethyl-2-imino-3-phosphonoimidazolidine see phosphocyclocreatine

1-(carboxymethyl)-3-(mercaptomethyl)-2,3,4,5-tetrahydro-1H-1-benzazepin-2-one see 3-(mercaptomethyl-2,3,4,5-tetrahydro-2-oxo-1H-1-benzazepine-1-acetic acid)

carboxymethyl-(27)methionine glucagon see glucagon, carboxymethylmethionine(27)-

carboxymethylmethionine(27)-glucagon see glucagon, carboxymethylmethionine(27)-

3-carboxymethyl-5-(methyl-3-phenylpropenylidene) rhodanine see ONO 2235

1-carboxymethylmetronidazole
(HM) METRONIDAZOLE/*analogs

N-carboxymethyl-N-nitrosourea
(RN) 60391-92-6
(HM) *NITROSOUREA COMPOUNDS
(PA) MUTAGENS

1-(4-carboxy-2-methylpentanoyl)-2,3-dihydroindole-2-carboxylic acid see CGS 13934

2-(4-carboxymethylphenyl)-4-phenyl-5-methyl-2,4-dihydropyrazol-3-one see MG 18949

8-(3-carboxy-1-methylpropylamino)-6-methoxyquinoline
(RN) 77229-68-6
(SY) CMPAMOQ
(SY) carboxyprimaquine
(HM) PRIMAQUINE/*analogs
(NO) primaquine metabolite in rats; structure given in first source

3-carboxy-4-methyl-5-propyl-2-furanpropionic acid
(SY) CMPFPA
(HM) *PROPIONIC ACIDS
(NO) structure given in first source

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carboxymethyl selenocysteine
(RN) 59745-40-3
(HM) CARBOCYSTEINE/*analogs

S-carboxymethylsomatotropin
(SY) S-carboxymethylated somatotropin
(SY) S-carboxymethylated human growth hormone
(SY) RCM-hGH
(HM) SOMATOTROPIN/*analogs
(NO) probe for diabetogenic action

carboxymethyl-triethylenetetraaminomethyl-styrene-divinylbenzene resin
(SY) CMT-SDVB resin III
(HM) *POLYSTYRENES
(II) RESINS, SYNTHETIC
(NO) labeled with 99mTc or 111In for gastrointestinal scintography

5-carboxymethyluridine
(RN) 20964-06-1
(HM) URIDINE/*analogs

N-carboxy-3-morpholino-sydnonimine ethyl ester see morsydomine

3-carboxy-cis-cis-muconate cyclase
(RN) EC 5.5.1.5
(HM) *ISOMERASES

3-carboxy-cis-cis-muconate cycloisomerase
(RN) EC 5.5.1.2
(SY) 4-carboxymuconolactone lyase (decyclizing)
(HM) *ISOMERASES

4-carboxymuconolactone decarboxylase
(RN) EC 4.1.1.44
(SY) gamma-carboxymuconolactone decarboxylase
(HM) *CARBOXY-LYASES

4-carboxymuconolactone lyase (decyclizing) see 3-carboxy-cis-cis-muconate cycloisomerase

carboxymyoglobin
(SY) carbonmonoxymyoglobin
(HM) *MYOGLOBIN

N(3)-(1-carboxy-2-nitroethyl)arginine
(SY) nitro-argininosuccinate
(HM) ARGININOSUCCINIC ACID/*analogs
(NO) nitro analog of argininosuccinate; structure given in first source

6-((3-carboxy-4-nitrophenyl)thio)-9 beta-D-ribofuranosylpurine 5'-triphosphate
(SY) 6-((3-carboxy-4-nitrophenyl)thiol)-9-beta-D-ribofuranosyl-purine 5'-triphosphate
(SY) Nb-S(6)ITP
(HM) ADENOSINE TRIPHOSPHATE/*analogs
(HM) *THIONUCLEOTIDES

6-((3-carboxy-4-nitrophenyl)thiol)-9-beta-D-ribofuranosyl-purine 5'-triphosphate see 6-((3-carboxy-4-nitrophenyl)thio)-9 beta-D-ribofuranosylpurine 5'-triphosphate

N-(N-(L-3-trans-carboxyoxirane-2-carbonyl)-L-leucyl) agmatine see E-64

N-(N-(L-3-trans-carboxyoxirane-2-carbonyl)-L-leucyl) isoamylamine see E-64-c

N-(N-(3-carboxyoxirane-2-carbonyl)leucyl)isoamylamine see E-64-c

3-carboxy-5-oxo-2-hexenedioic acid see 4-oxalmesaconic acid

4-carboxy-5-oxoproline see pyro-gamma-carboxyglutamic acid

3-((3-carboxy-3-oxopropyl) aminocarbonyl)- 1,4-adenine dinucleotide
(SY) N-pyridine-NADH
(HM) NAD/*analogs

carboxypeptidase A
(RN) EC 3.4.17.1
(RR) 11075-17-5 (CRN)
(SY) nitrocarboxypeptidase A
(HM) *CARBOXYPEPTIDASES

carboxypeptidase B
(RN) EC 3.4.17.2
(RR) 9025-24-5 (CRN)
(SY) protaminase
(HM) *CARBOXYPEPTIDASES

carboxypeptidase C see serine carboxypeptidase

carboxypeptidase inhibitor (potato)
(SY) metallo-carboxypeptidase inhibitor (potato)
(SY) CPase INHIB
(SY) carboxypeptidase inhibitor (potatoe)
(HM) *PLANT PROTEINS
(PA) CARBOXYPEPTIDASES/antag
(II) POTATOES

carboxypeptidase inhibitor (potatoe) see carboxypeptidase inhibitor (potato)

carboxypeptidase K
(RN) EC 3.4.17.-
(SY) creatine kinase conversion factor
(HM) *CARBOXYPEPTIDASES

carboxypeptidase P
(RN) EC 3.4.12.-
(SY) microsomal prolylcarboxypeptidase
(HM) *CARBOXYPEPTIDASES

carboxypeptidase S
(RN) EC 3.4.17.-
(HM) *CARBOXYPEPTIDASES
(NO) metal dependent

carboxypeptidase Y see serine carboxypeptidase

2-carboxy-1,10-phenanthroline see 1,10-phenanthroline-2-carboxylic acid

N-(2-carboxyphenyl)-4-chloroanthranilic acid see lobenzarit

9-(2'-carboxyphenyl)-4,5-dibromo-2,3,7-trihydroxy-6-fluorone-aluminum (III) complex
(SY) 9-CDTFA
(HM) *XANTHENES
(HM) *ALUMINUM
(II) INDICATORS AND REAGENTS
(NO) reagent for colorimetric determination of keto or hydroxy acids

N-(1-(R,S)-carboxy-2-phenylethyl)-Phe-p-AB see N-(1-carboxy-2-phenylethyl)phenylalanine-4-aminobenzoate

N-(1-carboxy-2-phenylethyl) phenylalanine- 4-aminobenzoate
(SY) N-(1-(R,S)-carboxy-2-phenylethyl)-Phe-p-AB
(SY) N-CPPAB
(HM) P-AMINOBENZOIC ACID/*analogs
(HM) *DIPEPTIDES
(PA) PEPTIDE PEPTIDOHYDROLASES/antag
(PA) ANALGESICS

4-(2'-carboxyphenyl)-4-oxobutyric acid see o-succinylbenzoic acid

o-carboxyphenyl phosphate see 2-carboxyphenylphosphoric acid

o-carboxyphenylphosphate see 2-carboxyphenylphosphoric acid

o-carboxyphenylphosphoric acid see 2-carboxyphenylphosphoric acid

2-carboxyphenylphosphoric acid see 2-carboxyphenylphosphoric acid

2-carboxyphenylphosphoric acid
(RN) 6064-83-1
(SY) o-carboxyphenylphosphate
(SY) 2-phosphonoxybenzoic acid
(SY) fosfosal
(SY) o-carboxyphenyl phosphate
(SY) 2-carboxyphenylphosphoric acid
(SY) o-carboxyphenylphosphoric acid
(HM) *PHOSPHORIC ACID ESTERS
(II) INDICATORS AND REAGENTS
(NO) reagent for testing the activity of certain enzymes

1-carboxy-3-phenyl-Pro-Lys-Pro see MK 521

N-(1-carboxy-3-phenylpropyl)-L-alanine-L-proline see MK 422

N-(1-carboxy-3-phenylpropyl)-alanylproline see MK 422

N-(1-carboxy-3-phenylpropyl)-Ala-Pro see MK 422

N-(1-carboxy-3-phenylpropyl) leucyltryptophan
(RN) 76400-07-2
(SY) N-(1-carboxy-3-phenylpropyl)-L-leucyl-L-tryptophan
(SY) 1-CLT
(HM) *DIPEPTIDES
(PA) THERMOLYSIN/antag
(NO) RN & structure given in first source; RN not in Chemline 3/85

N-(1-carboxy-3-phenylpropyl)-L-leucyl-L-tryptophan see N-(1-carboxy-3-phenylpropyl)leucyltryptophan

1-carboxy-3-phenylpropyl-L-lysyl-L-proline see MK 521

N-(4-carboxyphenyl)retinamide
(RN) 74193-17-2
(SY) 4-(hydroxycarbophenyl)retinamide
(HM) TRETINOIN/*analogs
(PA) ANTINEOPLASTIC AGENTS

carboxyphosphamide
(RN) 22788-18-7
(RR) 69580-14-9 ((S)-isomer)
(RR) 69580-13-8 ((R)-isomer)
(HM) *PHOSPHORAMIDE MUSTARDS
(NO) metabolite of cyclophosphamide; RN given refers to cpd without isomeric designation; structure

carboxyphthalato-1,2-diaminocyclohexaneplatinum
(RN) 65296-81-3
(RR) 86475-74-3 (NH4 salt(SP-4-3(1R-trans))-isomer)
(SY) DACCP
(SY) 1,2-diaminocyclohexane(4-carboxyphthalato) platinum(II)
(SY) Jm82
(SY) JM-82
(HM) *ORGANOPLATINUM COMPOUNDS
(NO) RN given refers to hydrogen(SP-4-3(1R-trans))-isomer; RN for parent cpd not in Chemline 1/16/84; structure

carboxypolymethylene
(RN) 9007-20-9
(SY) carbopol
(HM) *POLYVINYLS
(NO) vinyl polymer with active carboxyl groups

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carboxypolymethylene, carboxyvinyl polymer see carbomer 934p

20-carboxy-1,4-pregnadien-3-one
(RN) 20248-18-4
(SY) 11-BCPO
(HM) *PREGNADIENES

carboxyprimaquine see 8-(3-carboxy-1-methylpropylamino)-6-methoxyquinoline

2-(carboxy-3'-propyl)-3-amino-4-methyl-6-phenylpyridazinium chloride see SR 95103

2-(3-carboxypropyl)-4,4-dimethyl-2-tridecyl-3-oxazolidynyloxy see 5-doxylstearic acid

3-carboxypropyl-(2-propenyl)nitrosamine
(RN) 86261-23-6
(SY) CPPN
(HM) *NITROSAMINES
(PA) CARCINOGENS

2-(3-carboxypropyl)-2-tridecyl-4,4-dimethyl-3-oxazolidinyloxyl see 5-doxylstearic acid

carboxypyridine disulfide see 6,6'-dithiodinicotinic acid

8-carboxyriboflavin see riboflavin 8-carboxylic acid

carboxysalsolinol
(RN) 52618-26-5
(RR) 78654-78-1 ((cis-(+-)-isomer)
(RR) 71772-20-8 ((cis)-isomer)
(RR) 35287-23-1 ((1S-cis)-isomer)
(RR) 30958-70-4 (HCl)
(SY) 3-carboxysalsolinol
(HM) *SALSOLINE ALKALOIDS
(NO) condensate of L-dopa & acetaldehyde; potentiates ethanol narcosis; RN given refers to parent cpd without isomeric designation; structure

3-carboxysalsolinol see carboxysalsolinol

carboxy-terminal parathyroid hormone see carboxyl-terminal parathyroid hormone

carboxy terminos of propresophysin see neurophysin precursors

3-carboxy-tert-butoxy-beta-carboline
(SY) 3-carbo-t-butoxy-beta-carboline
(SY) beta-CCT
(HM) *CARBOLINES
(PA) RECEPTORS, GABA-BENZODIAZEPINE/antag
(NO) benzodiazepine receptor antagonist

2-(14-carboxytetradecyl)-2-ethyl-4,4-dimethyl-3-oxazolindinyl oxide see 16-nitroxystearic acid

carboxy-5,6,7,8-tetrahydromethanopterin
(RN) 84720-75-2
(SY) beta-D-Talopyranose, 1,6-O-(5-(2-(2-amino-1,4,5,6,7,8-hexahydro-4-oxo-6-pteridinyl)-3(or 4)-carboxy-4-((1,3-dicarboxypropyl)amino)-2-hydroxy-3-butenyl)-5-hydroxy-1,3-cyclohexanediyl)-2-deoxy-2-((2,4-dihydroxy-1-oxobutyl)amino)-
(HM) *PTERINS

3-carboxy-2,2,5,5-tetramethylpyrrolidine-1-oxy-coenzyme A-thioester
(SY) TMP-CoA-SL
(HM) *ACYL COENZYME A
(HM) *CYCLIC N-OXIDES
(II) SPIN LABELS
(NO) structure given in first source

3-carboxy-2,2,5,5-tetramethyl-1-pyrrolidinyloxide see 2,2,5,5-tetramethyl-1-pyrrolidinyloxy-3-carboxylic acid

carboxytolbutamide
(RN) 2224-10-4
(SY) tolbutamide carboxylic acid
(SY) 4-(((butylamino)carbonyl)amino)sulfonylbenzoic acid
(HM) TOLBUTAMIDE/*analogs

2-carboxy-3,4,5-trihydroxypiperidine
(SY) 3,4,5-trihydroxypipecolic acid
(HM) *PIPECOLIC ACIDS
(PA) GLUCURONIDASE/antag
(PA) IDURONIDASE/antag
(NO) specific inhibitor of human beta-D-glucuronidase & alpha-L-iduronidase from seeds of Baphia racemosa; structure given in first source

6-carboxyuridine see orotidine

carboxyverapamil
(SY) alpha-isopropyl-alpha-((N-methyl-N-homoveratryl)-gamma-aminopropyl)-3,4-dimethylphenylacetic acid
(HM) VERAPAMIL/*analogs

carbromalhydroxyzine HCl see dormax

carb T3 see carbamylated triiodothyronine

carcinofetal enzymes
(SY) carcinofetal isoenzymes
(HM) *ENZYMES
(II) NEOPLASMS/enzymol

carcinofetal isoenzymes see carcinofetal enzymes

carcinofetal proteins
(HM) *FETAL PROTEINS
(II) NEOPLASM PROTEINS

carcinolipin
(RN) 19477-24-8
(SY) cholesteryl 14-methylhexadecanoate
(SY) cholesterol 14-methylhexadecanoate
(HM) *CHOLESTEROL ESTERS
(PA) CARCINOGENS
(II) PEPTIDE CHAIN ELONGATION/drug eff
(NO) structure

carcinoplacental isoenzymes
(SY) Regan
(SY) placental-like Regan isoenzyme
(SY) alkaline phosphatase Regan isoenzyme
(SY) Regan isoenzyme
(SY) placental alkaline phosphatase
(HM) *ISOENZYMES
(II) NEOPLASMS/enzymol
(II) PLACENTA/enzymol
(II) ALKALINE PHOSPHATASE

carcinoscorpic see sialic acid-binding lectin

cardanol
(RN) 37330-39-5
(HM) *PHENOLS
(II) IRRITANTS
(NO) from pink pepper; phenol with hydrocarbon side chain which can vary in length & unsaturation

Card-20(22)-enolide, 3-((O-4-O-acetyl-2,6-dideoxy-beta-D-ribo-hexopyranosyl-(1-4)-O-2,6-dideoxy-beta-D-ribo-hexopyranosyl-(1-4)-2,6-dideoxy-beta-D-ribo-hexopyranosyl)oxy)-12,14-dihydroxy-, (3beta,5beta, 12beta)-, compd. with (tetrahydro-1H-1,4-diazepine-1, 4(5H)-diyl)di-3,1-propanediyl 3,4,5- trimethoxybenzoate dihydrochloride (1:1) see Cormelian-Digotab

cardiac carnitine-binding protein see carnitine-binding protein

cardiac catabolic factor see catabolin

cardiac glycoside receptor
(SY) cardiac glycoside receptors
(SY) receptor, cardiac glycosides
(SY) ouabain receptors
(SY) receptor, ouabain
(SY) ouabain receptor
(SY) ouabain binding sites
(SY) digoxin receptor
(HM) *RECEPTORS, DRUG
(II) CARDIAC GLYCOSIDES
(II) OUABAIN
(II) DIGOXIN

cardiac glycoside receptors see cardiac glycoside receptor

cardiac sarcoplasmic reticulum kinase
(RN) EC 2.7.4.-
(SY) SR Kinase
(HM) *PROTEIN KINASES

cardilan see nicofuranose

cardinalic acid see xanthurenic acid 8-O-glucoside

cardiodigin
(HM) *BIOLOGICAL PRODUCTS
(PA) ADENOSINE TRIPHOSPHATASE, SODIUM, POTASSIUM/antag
(NO) factor extracted from mammalian heart; cross-reacts with digoxin antibodies & has digitalis-like activity

cardiodilatin
(SY) cardiodilatin-126
(HM) *MUSCLE PROTEINS
(NO) polypeptide hormone regulating smooth muscle function; isolated from porcine atrial tissue; MW about 7500; partial amino acid sequence given in first source; possesses potent vasorelaxant but not natriuretic & diuretic activities

cardiodilatin precursor see atrial natriuretic factor precursors

cardiodilatin-126 see cardiodilatin

cardio-excitatory neuropeptide, molluscan see FMRFamide

cardiolipin synthetase
(RN) EC 2.7.8.-
(HM) *PHOSPHOTRANSFERASES
(NO) catalyzes phosphatidylglycerol & CDPdiglyceride to CMP & diphosphatidylglycerol (cardiolipin); minor descriptor (75-83); on-line & Index Medicus search PHOSPHOTRANSFERASES (75-83)

cardionatrin-cardiodilatin precursor see atrial natriuretic factor precursors

cardionatrin II
(HM) *NATRIURETIC PEPTIDES, ATRIAL
(PA) DIURETICS
(II) NATRIURESIS
(NO) isolated in very small quantities from rat atria

cardionatrin III
(HM) *NATRIURETIC PEPTIDES, ATRIAL
(PA) DIURETICS
(II) NATRIURESIS
(NO) amino acid sequence of first 17 residues have the amino terminus located at residue 73 of the preproprotein

cardionatrin IV
(HM) *NATRIURETIC PEPTIDES, ATRIAL
(PA) DIURETICS
(II) NATRIURESIS
(NO) proprotein precursor of cardionatrin I; MW 19,000

cardionatrin I (1-16) see atrial natriuretic factor (1-16)

cardioplegic soln STH see St. Thomas' Hospital cardioplegic solution

Cardioplegin
(RN) 68245-15-8
(HM) *PROCAINE
(HM) *ASPARTIC ACID
(HM) *SORBITOL
(II) HEART ARREST, INDUCED
(NO) pharmacoplegic agent for producing cardiac standstill in open-heart surgery; contains procaine, magnesium L-asparaginate & sorbitol

Cardiotensin
(RN) 75934-75-7
(HM) *BENZOTHIADIAZINES
(HM) *BUPRANOLOL
(HM) *TRIAMTERENE
(HM) DRUG COMBINATIONS
(PA) ANTIHYPERTENSIVE AGENTS
(NO) drug combination contains 100 mg Bupranolol-HCl, 10 mg Bemetizid, 20 mg Triamterene

cardiothane see Avcothane

cardol
(RN) 3158-56-3
(HM) *RESORCINOLS
(II) PLANTS, TOXIC
(II) ALLERGENS
(NO) allergen from cashew nut shell oil; related to urushiol; structure given in first source; do not confuse with cardol, RN 57486-25-6, MF unknown

Cardura E10
(RN) 71206-09-2
(SY) tert-decanoic acid oxiranylmethyl ester
(HM) *DECANOIC ACIDS
(HM) ETHYLENE OXIDE/*analogs
(NO) epoxy reactive diluent; RN given from CA Index Guide; RN not in Chemline 1/85

carfentanil
(RN) 59708-52-0
(RR) 61380-27-6 (citrate)
(RR) 61086-44-0 (oxalate)
(RR) 60645-15-0 ((+-)-isomer)
(SY) R 33799
(SY) carfentanyl
(SY) carfentanil citrate
(HM) FENTANYL/*analogs
(NO) RN given refers to parent cpd without isomeric designation; structure in USAN

carfentanil citrate see carfentanil

carfentanyl see carfentanil

carinamide
(RN) 536-95-8
(SY) Staticin
(SY) p-(benzylsulfamido)benzoic acid
(HM) *SULFONAMIDES
(NO) structure

carminic acid
(RN) 476-39-1
(HM) *CARMINE/analogs
(II) STAINS AND STAINING
(II) DYES

carminomycin 13-cyclohexylidenehydrazone
(RN) 85145-53-5
(SY) C-13-CHH
(HM) CARUBICIN/*analogs
(NO) RN given refers to (8S-cis)-isomer in Chemline; RN for cpd without isomeric designation not in Chemline 8/84

carminomycin-iron complex
(SY) iron(III)-carminomycin complex
(HM) *CARUBICIN
(HM) *IRON

carminomycinol see dihydrocarminomycin

carminomycinone
(RN) 52744-22-6
(HM) CARUBICIN/*analogs
(NO) aglycone of carminomycin

carmofur see 1-hexylcarbamoyl-5-fluorouracil

carmoisine see azo rubin S

carnauba wax
(RN) 8015-86-9
(SY) Brazil wax
(HM) *WAXES
(NO) exudate from pores of leaves of Brazilian wax palm tree; used as polish for automobiles, floor, shoes etc.

carnidazole
(RN) 42116-76-7
(SY) R 25831
(SY) O-methyl(2-(2-methyl-5-nitro-1H-imidazol-1-yl) ethyl)carbonothioate
(SY) R-2581
(HM) *NITROIMIDAZOLES
(PA) ANTITRICHOMONAL AGENTS
(NO) structure in second source

carnigen
(RN) 8053-65-4
(HM) EPHEDRINE/*analogs
(HM) *ADENOSINE
(HM) DRUG COMBINATIONS
(PA) SYMPATHOMIMETICS
(NO) combination of p-hydroxyephedrine & a nucleotide-containing heart muscle extract; Fortschr Ther gives combination as a nucleoside extract (adenosine) of pancreatic tissue; CA gives as mixture of adenosine & p-hydroxyephedrine; structure

carnitine-acetylcarnitine translocase
(SY) carnitine translocase
(SY) acylcarnitine translocase
(HM) *TRANSFERASES
(II) BIOLOGICAL TRANSPORT

carnitine-binding protein
(SY) cardiac carnitine-binding protein
(HM) *CARRIER PROTEINS
(II) CARNITINE
(NO) transports carnitine from blood into cardiac tissue

carnitine bromoacetate see bromoacetylcarnitine

carnitine dehydrogenase
(RN) EC 1.1.1.108
(HM) *ALCOHOL OXIDOREDUCTASES

carnitine ester hydrolase see acylcarnitine hydrolase

carnitine octanoyltransferase
(RN) EC 2.3.1.-
(HM) *CARNITINE ACYLTRANSFERASES

carnitine translocase see carnitine-acetylcarnitine translocase

carnosinase see aminoacyl-histidine dipeptidase

carnosine synthetase
(RN) EC 6.3.2.11
(RR) 9023-61-4 (CRN)
(SY) homocarnosine-carnosine synthetase
(HM) *PEPTIDE SYNTHETASES
(NO) also forms homocarnosine

Carnoy's-methanol see methacarn

Carnoy's solution
(HM) *ALCOHOL, ETHYL
(HM) *CHLOROFORM
(HM) *ACETIC ACID
(II) FIXATIVES
(NO) contains above three cpds

carocainide
(RN) 66203-00-7
(SY) MD 770207
(SY) MD-770207
(SY) 1-(4,7-dimethoxy-6-(2-(1-pyrrolidinyl)ethoxy)-5-benzofuranyl)-3-methylurea
(HM) *PYRROLIDINES
(PA) ANTI-ARRHYTHMIA AGENTS
(NO) structure given in first source

carofur see nifurprazin

caroverine see Spadon

caroverine fumarate see Spadon

caroxazone
(RN) 18464-39-6
(SY) F.I. 6654
(SY) 2,3-dihydro-4H-1,3-benzoxazin-2-one-3-acetamide
(SY) 4H-3-methylcarboxamide-1,3-benzoxazin-2-one
(HM) *OXAZINES
(PA) ANTIDEPRESSIVE AGENTS
(NO) structure

caroxin D
(RN) 23228-90-2
(HM) *FLUOROCARBONS
(NO) fluorocarbon liquid C10F2202

carpamidase
(RN) EC 3.4.-
(HM) *PEPTIDE HYDROLASES
(NO) amidolytic enzyme in carp plasma; activated by heparin; inhibited by diisopropylfluorophosphate; acts on peptide substrates

carpen see dodine

carpetimycin A
(RN) 76025-73-5
(SY) C-19393 H(2)
(SY) C 19393 H(2)
(HM) *THIENAMYCINS
(NO) from Streptomyces sp. KC-6643; structure given in first source

carpetimycin B
(RN) 76094-36-5
(SY) C-19393 S(2)
(HM) *THIENAMYCINS
(NO) from Streptomyces sp. KC-6643; structure given in first source

carpetimycin C
(RN) 87695-64-5
(SY) 3-(2-acetamidoethylsulfinyl)-6-(1-hydroxy-1-methylethyl)-7-oxo-1-azabicyclo(3.2.0)hept-2-ene-2-carboxylic acid
(HM) *THIENAMYCINS
(NO) from Streptomyces sp. KC-6643; structure given in first source

carpetimycin D
(RN) 87139-37-5
(SY) 3-(2-acetamidoethylsulfinyl)-6-(1-hydroxysulfonyloxy-1-methylethyl)-7-oxo-1-azabicyclo(3.2.0)hept-2-ene-2-carboxylic acid
(HM) *THIENAMYCINS
(NO) from Streptomyces sp. KC-6643; structure given in first source

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carp gonadotropin
(SY) cGTH
(HM) *GONADOTROPINS
(II) CARP

carp-human hybrid hemoglobin see hybrid hemoglobins

carpipramine
(RN) 5942-95-0
(RR) 7075-03-8 (di-HCl)
(SY) PZ 1511
(SY) Bay b 4343b
(SY) carbadipimidine
(SY) defekton
(SY) prazinil
(HM) *DIBENZAZEPINES
(PA) BENZODIAZEPINE TRANQUILIZERS
(PA) PSYCHOTROPIC DRUGS
(NO) RN given refers to parent cpd; structure

carpyrazidil see Ro 12-4713

carprofen
(RN) 52263-47-5
(RR) 53716-49-7 ((+-)-isomer)
(RR) 52263-84-0 ((S)-isomer)
(RR) 52263-83-9 ((R)-isomer)
(SY) C 5720
(SY) Ro 20-5720
(SY) Ro 205720
(HM) *CARBAZOLES
(PA) ANTI-INFLAMMATORY AGENTS
(PA) ANALGESICS, ANTI-INFLAMMATORY
(NO) RN given refers to cpd without isomeric designation

carpronium
(RN) 14075-13-9
(RR) 19075-28-6 (iodide)
(RR) 13254-33-6 (chloride)
(RR) 64675-20-3 (chloride, monohydrate)
(SY) furozin
(SY) methyl N-trimethyl-gamma-aminobutyrate chloride
(SY) carpronium chloride
(HM) GABA/*analogs
(PA) VASODILATOR AGENTS
(PA) PARASYMPATHOMIMETICS
(NO) RN given refers to parent cpd; structure

carpronium chloride see carpronium

carrageenan receptor
(SY) receptor, carrageenan
(SY) K-carrageenan receptors
(HM) *RECEPTORS, IMMUNOLOGIC
(II) CARRAGEENAN

carrier protein nexin see protease-nexin

Cartap
(RN) 15263-53-3
(RR) 15263-52-2 (mono-HCl)
(RR) 22042-59-7 (unspecified HCl)
(RR) 26366-68-7 (HBr)
(SY) padan
(HM) *THIOCARBAMATES
(PA) ANTINEMATODAL AGENTS
(PA) INSECTICIDES
(NO) RN given refers to parent cpd; padan refers to mono-HCl

cartazolate
(RN) 34966-41-1
(SY) SQ 65,396
(HM) *PYRAZOLES
(PA) TRANQUILIZING AGENTS, MINOR
(NO) structure

cartilage derived factor see chondrocyte growth factor

cartilage growth factor see chondrocyte growth factor

cartilage link proteins see link proteins

cartilage matrix protein
(HM) *GLYCOPROTEINS
(NO) major non-collagenous protein in bovine cartilage; MW 148,000

cartilage sulfation inhibitors
(SY) CSIB
(HM) SOMATOMEDINS/*antag
(PA) GROWTH INHIBITORS
(II) CARTILAGE
(NO) found in rat liver; inhibits cartilage growth which is stimulated by somatomedins

carumonam see Ro 17-2301

carvedilol
(RN) 72956-09-3
(SY) BM-14190
(SY) BM 14190
(HM) *CARBAZOLES
(PA) VASODILATOR AGENTS
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS
(NO) structure given in first source; RN not in Chemline 12/84; RN from USAN

carvone
(RN) 99-49-0
(RR) 2244-16-8 ((S)-isomer)
(RR) 6485-40-1 ((R)-isomer)
(HM) *TERPENES
(NO) RN given refers to cpd without isomeric designation; structure

caryophyllene
(RN) 13877-93-5
(RR) 10579-93-8 ((S-(R*,4E,9S*))-isomer)
(RR) 118-65-0 ((R-(R*,4Z,9S*))-isomer)
(RR) 61217-74-1 ((R*,4Z,9S*)-(+-))-isomer)
(RR) 54061-81-3 ((S-(R*,4Z,9S*))-isomer)
(RR) 87-44-5 ((R-(R*,4E,9S)-isomer)
(HM) *SESQUITERPENES
(NO) RN given refers to cpd without isomeric designation; structure given in first source

carzenide
(RN) 138-41-0
(RR) 22577-46-4 (mono-Ag(+1) salt)
(RR) 40604-43-1 (di-K salt)
(SY) sulfamoylbenzoic acid
(SY) p-sulphamoylbenzoic acid
(HM) *BENZOATES
(NO) RN given refers to parent cpd; structure

casamino acids
(HM) *AMINO ACIDS
(NO) acid hydrolyzed casein; all nitrogen in casein converted to amino acids or other cpds of relative chemical simplicity

casbene synthetase
(RN) EC 2.5.1.-
(HM) *TRANSFERASES
(NO) from castor bean (Ricinus communis); forms the antifungal diterpene, casbene, from geranylgeranylpyrophosphate

CASEE see 7-hydroxycoumarin-3-acetic acid N-hydroxysuccinimidyl ester

caseinase
(RN) EC 3.4.-
(SY) clostridium perfringens lambda toxin
(HM) *PEPTIDE HYDROLASES
(NO) see also record for caseinase C

casein hydrolysate
(HM) *CASEINS
(HM) *PROTEIN HYDROLYSATES

casein kinase
(RN) EC 2.7.1-
(SY) casein kinase II
(SY) casein kinase I
(SY) casein kinase TS
(SY) casein G kinase
(SY) kappa casein kinase
(HM) *PROTEIN KINASES
(NO) cyclic AMP has no effect; aspect of protein kinase, EC 2.7.1.37

casein G kinase see casein kinase

casein kinase I see casein kinase

casein kinase II see casein kinase

casein kinase TS see casein kinase

casein peptone see proteose-peptone

casopeptone see proteose-peptone

cassaine
(RN) 468-76-8
(RR) 33445-03-3 (HCl)
(RR) 3615-27-8 (unspecified sulfate)
(HM) *ALKALOIDS
(NO) Erythrophleum alkaloid; RN given refers to parent cpd; structure

castanospermine
(RN) 79831-76-8
(SY) 1,6,7,8-tetrahydroxyoctahydroindolizine
(HM) *ALKALOIDS
(PA) BETA-GLUCOSIDASES/antag
(PA) GLUCOCEREBROSIDASE/antag
(NO) indolizidine alkaloid from seeds of Australian legume, Castanospermum australe; structure given in first source

Castellani paint see carbol-fuchsin solution

castor bean storage protein see seed storage protein, Ricinus communis

castor oil, hydrogenated, ethoxylated see polyethoxylated castor oil

castrix see crimidine

catabolin
(SY) cardiac catabolic factor
(HM) *INTERLEUKIN 1
(NO) protein from synovium which induces degradation of cartilage in organ culture; also from heart valves & aorta

catabolite activator protein
(SY) catabolite regulator protein
(SY) catabolite gene activator protein
(HM) *BACTERIAL PROTEINS
(NO) E coli protein which controls lac operon in chromatin transcription

catabolite gene activator protein see catabolite activator protein

catabolite regulator protein see catabolite activator protein

catalin
(RN) 1043-21-6
(RR) 9007-24-3 (former CAS registry number)
(RR) 51410-30-1 (Na salt)
(HM) *OXAZINES
(II) CATARACT/drug ther
(NO) RN given refers to parent cpd

catamin AB see catamine AB

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catamine AB
(RN) 64365-16-8
(SY) catamin AB
(SY) katamin AB
(HM) *AMMONIUM COMPOUNDS
(PA) ANTISEPTICS
(II) DETERGENTS
(II) SURFACE-ACTIVE AGENTS

catechin dimers
(HM) *CATECHIN/analogs
(II) BIOFLAVONOIDS

catechol
(RN) 120-80-9
(RR) 50585-47-2 (di-K salt)
(RR) 20244-21-7 (unspecified Na salt)
(RR) 19481-10-8 (14C-labeled cpd)
(SY) 2-hydroxyphenol
(SY) pyrocatechol
(HM) *CATECHOLS
(NO) RN given refers to unlabeled parent cpd

catecholamine binding proteins see catecholamine transport protein

catecholamine carrier see catecholamine transport protein

catecholamine receptor
(SY) receptor, catecholamine
(SY) catecholamine receptors
(HM) *RECEPTORS, ADRENERGIC

catecholamine receptors see catecholamine receptor

catecholamine sulfotransferase A see aryl sulfotransferase

catecholamine sulfotransferase B see aryl sulfotransferase

catecholamine transport protein
(SY) catecholamine binding proteins
(SY) catecholamine carrier
(HM) *CARRIER PROTEINS
(II) CATECHOLAMINES

catecholamphetamine see alpha-methyldopamine

catechol 1,2-dioxygenase
(RN) EC 1.13.11.1
(RR) 9027-16-1 (CRN)
(SY) pyrocatechase
(SY) catechol-1,2-oxygenase
(HM) *OXYGENASES

catechol-2,3-dioxygenase
(RN) EC 1.13.11.2
(RR) 9029-46-3 (CRN)
(SY) metapyrocatechase
(SY) pyrocatechol-2,3-oxygenase
(SY) chloridazon-catechol dioxygenase
(HM) *OXYGENASES

catechol-1,2-oxygenase see catechol 1,2-dioxygenase

Cat-Floc
(RN) 28301-34-0
(RR) 26062-79-3 (chloride)
(RR) 30870-73-6 (bromide)
(SY) polydiallyldimethylammonium chloride
(HM) *POLYMERS
(II) CATION EXCHANGE RESINS
(NO) RN given refers to unspecified homopolymer; structure

catha see miraa

catha edulis see miraa

Catharanthus roseus Linn. extract
(SY) CRL extract
(HM) *PLANT EXTRACTS
(NO) dried leaf extract of plant has antifertility properties

cathepsin A
(RN) EC 3.4.-
(HM) *CATHEPSINS

cathepsin B
(RN) EC 3.4.22.1
(RR) 9047-22-7 (CRN)
(SY) cathepsin B1
(HM) *CATHEPSINS

cathepsin B1 see cathepsin B

cathepsin B3 see cathepsin H

cathepsin C see dipeptidyl peptidase I

cathepsin G
(RN) EC 3.4.21.20
(RR) 56645-49-9 (CRN)
(HM) *CATHEPSINS
(NO) neutral protease; RN in Chemline is 56645-49-9

cathepsin H
(RN) EC 3.4.-
(SY) cathepsin B3
(HM) *CATHEPSINS
(NO) an endoaminopeptidase with both endopeptidase and aminopeptidase activity

cathepsin J
(RN) EC 3.4.22.-
(HM) *CATHEPSINS
(NO) cysteine proteinase; pH optimum is 6.2-6.8; hydrolyzes Cbz-Phe-Arg-aminomethylcoumarin; MW 230,000

cathepsin K
(RN) EC 3.4.22.-
(HM) *CATHEPSINS
(NO) cysteine proteinase; pH optimum 6.2-6.8; hydrolyzes Cbz-Phe-Arg-aminomethylcoumarin; MW 650,000

cathepsin L
(RN) EC 3.4.22.15
(RR) 60616-82-2 (CRN)
(HM) *CATHEPSINS
(NO) CAS RN in Chemline is 60616-82-2

cathepsin M
(RN) EC 3.4.99.-
(HM) *CATHEPSINS
(NO) membrane-bound lysosomal enzyme which can inactivate fructose 1,6-bisphosphatase

cathepsin N
(RN) EC 3.4.22.-
(HM) *CATHEPSINS
(NO) acts only on soluble & insoluble collagen; different specificity than cathepsin L & B

cathepsin S
(RN) EC 3.4.22.-
(HM) *CATHEPSINS
(NO) best substrate may be hemoglobin at pH 3; specificity unknown

cathepsin T
(RN) EC 3.4.22.-
(SY) kidney cathepsin T
(SY) tyrosine aminotransferase convertase
(SY) Tyr-ATCO
(HM) *CATHEPSINS
(NO) catalyzes conversion of multiple forms of tyrosine aminotransferase (EC 2.6.1.5); glycoprotein of MW 33,500-35,000

cathidine
(RN) 55466-31-4
(HM) *PLANT EXTRACTS
(NO) extract from leaves or branches of Catha edulis Forskael, shrub belonging to family Celastraceae; structure given in first source

cathine see norpseudoephedrine

cathinine see cathinone

cathinone
(RN) 5265-18-9
(RR) 16735-19-6 (HCl)
(RR) 42787-61-1 (HCl(+-)-isomer)
(RR) 72739-14-1 (HCl(S)-isomer)
(RR) 76333-53-4 (HCl(R)-isomer)
(RR) 75925-46-1 ((+-)-isomer)
(RR) 71031-15-7 ((S)-isomer)
(SY) alpha-aminopropiophenone
(SY) (-)-alpha-amino-propiophenone
(SY) 2-aminopropiophenone
(SY) 2-amino-1-phenyl-1-propanone
(SY) cathinine
(HM) *ALKALOIDS
(PA) PSYCHOTROPIC DRUGS
(NO) alkaloid from khat shrub, Catha edulis; RN given refers to parent cpd without isomeric designation

cationic polyelectrolytes see polycations

cationized ferritin see polycationic ferritin

cationomycin
(RN) 80394-65-6
(SY) Morensin, 21,25-deepoxy-16-deethyl-25-de(hydroxymethyl)-3-O-demethyl-21,24-epoxy-25-ethyl-2-hydroxy-3-O-(2-hydroxy-4-methoxy-6-methylbenzoyl)-15-methoxy-16-methyl-, (15S,24S,25R)-
(HM) FURANS
(PA) ANTIBIOTICS
(PA) COCCIDIOSTATS
(II) IONOPHORES
(NO) from Actinomadura azurea nov. sp.; structure in first source

CATMP see cyclic adenosine-5'-trimetaphosphate

CATO see 2-chloro-4-amino-1,3,5-triazine-6(5H)-one

CATP-I see connective tissue-activating peptide

CATP-II see connective tissue-activating peptide

CATP-III see connective tissue-activating peptide

C9ATP see 9-deazaadenosine triphosphate

Ca trimetaphosphate see trimetaphosphoric acid

CauI endonuclease see endodeoxyribonuclease CauI

CauII endonuclease see endodeoxyribonuclease CauII

cauloside C
(RN) 20853-58-1
(HM) OLEANOLIC ACID/*analogs

caustinerf
(HM) *CHLOROPHENOLS
(HM) *CAMPHOR
(HM) *FORMALDEHYDE
(HM) DRUG COMBINATIONS
(II) ROOT CANAL IRRIGANTS
(NO) medicament containing para-chlorophenol, camphor & formaldehyde

CAV
(SY) AVC
(SY) ACO II
(SY) ACO
(SY) DVC
(SY) CHO
(HM) CYCLOPHOSPHAMIDE
(HM) DOXORUBICIN
(HM) VINCRISTINE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of cyclophosphamide, adriamycin, vincristine; CAV refers to first source; acronym ACV refers to second source; acronym ACO II was used in Klin Wochenschr 1982;60(16):829; acronym ACO was used in Onkology 1982;5(4):174; acronym DVC was used in Gan To Kagaku Ryoho 1984;11(4):888

CAVB
(HM) CYCLOPHOSPHAMIDE
(HM) DOXORUBICIN
(HM) VINCRISTINE
(HM) BLEOMYCINS
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

CAVBP see BV-CAP

CAVE see EVAC

Caved-S
(RN) 8053-69-8
(SY) Caved S
(HM) *BISMUTH
(HM) *ALUMINUM HYDROXIDE
(HM) *PLANT EXTRACTS
(HM) DRUG COMBINATIONS
(PA) ANTI-ULCER AGENTS
(II) PEPTIC ULCER/drug ther
(NO) combination drug used in peptic ulcer therapy; contains bismuth subnitrate, colloidal aluminum hydroxide, succus liquiritiae, magnesium carbonate, sodium bicarbonate & plant extracts

Caved S see Caved-S

Cavinton see ethyl apovincaminate

caviphos
(RN) 13445-62-0
(RR) 23248-41-1 (Na salt)
(RR) 6465-91-4 (Ca salt)
(SY) O-methyl O-(2,2-dichlorovinyl) phosphate
(SY) demethyldichlorvos
(HM) DICHLORVOS/*analogs
(PA) INSECTICIDES, ORGANOPHOSPHATE
(PA) ANTHELMINTICS
(NO) RN given refers to parent cpd

Cavit
(RN) 66458-08-0
(HM) *ZINC OXIDE
(HM) *POLYVINYLS
(HM) *CALCIUM SULFATE
(HM) DRUG COMBINATIONS
(II) ROOT CANAL FILLING MATERIALS
(II) DENTAL CEMENTS
(NO) contains zinc oxide, calcium sulfate, zinc sulfate, glycol acetate, polyvinyl acetate, polyvinylchloride-acetate triethanolamine, red pigment

Cavitec
(RN) 57916-94-6
(HM) *ZINC OXIDE
(HM) *EUGENOL
(HM) DRUG COMBINATIONS
(II) DENTAL MATERIALS
(II) DENTAL CAVITY LINING
(NO) zinc oxide/eugenol preparation

Cavit W
(RN) 85666-69-9
(HM) *DENTAL CEMENTS

CAVmP see CHVP

CAVP16 see ACE protocol

CAV-2 vaccine (canine) see adenovirus type-2 vaccine (canine)

CA 125 see Ca antigens

CA 19-9 see Ca antigens

2-CBAP see 2'-carboxybenzalpyruvate

C-48,401-Ba see halometasone

C 48,401-Ba see halometasone

C-49802B-Ba see hydroxymaprotilin

C 49802B-Ba see hydroxymaprotilin

C 50,005-A-Ba see prenalterol

C4bC3biNA-cofactor see complement 3b-complement 4b inactivator

2-CBCMGGA see 2-(2-chlorobenzoyl)-4-chloro-N-methyl-N'-glycylglycinanilide

CBDCA see diammine-1,1-cyclobutane dicarboxylate platinum II

CBDP see 2-(2-cresyl)-4H-1-3-2-benzodioxaphosphorin-2-oxide

S-CBG see S-carbobenzoxyglutathione

CBGF see colostrum growth factor

5-CBHC see 5-(delta-carboxybutyl)homocysteine

C 4-binding protein see complement 4-binding protein

C4-binding protein see complement 4-binding protein

C 4b-binding protein see complement 4b-binding protein

C4b-binding protein see complement 4b-binding protein

C3bi receptor see complement 3b receptor

2,2'-CBMB see 2,2'-cyclopropylenebis(5-methyl-4-benzoquinone)

N-CBM-MMM see N-(cyclobutylmethyl)-8 beta-methyl-6- methylenemorphinan-3-ol

5-CBMU see 5-carbamoylmethyluridine

3-CBPAA see VUFB 9682

1-CBPD see 1-(4-chlorobenzoyl)piperazine-2,3-dicarboxylic acid

CBP p21 see calcium-binding protein (brain)

CBP-13.5 see galaptins

CBP-16 see galaptins

CBP 18
(SY) CBP-18
(HM) *CALCIUM-BINDING PROTEINS
(II) NERVE TISSUE PROTEINS
(NO) MW 18,00-20,00; Ca2+-binding protein from bovine brain

CBP-18 see CBP 18

CBP-35 see galaptins

CBS-1108 see CBS 1108

CBS 1108
(SY) 2-acetylthiophene-2-thiazolylhydrazone
(SY) CBS-1108
(HM) *THIAZOLES
(PA) PROSTAGLANDIN SYNTHASE/antag
(PA) LIPOXYGENASES/antag

CBV
(HM) CARMUSTINE
(HM) CYCLOPHOSPHAMIDE
(HM) ETOPOSIDE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds; used in treatment of lymphoma

CBVD
(HM) LOMUSTINE
(HM) BLEOMYCINS
(HM) VINBLASTINE
(HM) DEXAMETHASONE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above four cpds

Cbz-Arg-MC see 7-(N-benzyloxycarbonyl-L-argininamido)-4-methylcoumarin

(Cbz-ARG-NH)2-rhodamine see N-benzyloxycarbonyl-L-argininamidorhodamine

Cbz-Arg-Nph see N-benzyloxycarbonylarginine 4-nitrophenyl ester

CBZ-ArggNA see N-(alpha)-carbobenzoxyarginine-4-nitroanilide

CBZ-dinl see 10,11-dihydro-10,11-dihydroxy-5H-dibenzazepine-5-carboxamide

CBZ-Gly-Leu-Ahx-Sepharose see N-carbobenzoxyglycyl-leucyl-aminohexyl-sepharose

Cbz-Gly-Pro-Arg-AEC see N-carbobenzoxyglycyl-prolyl-argininamide-9-ethylcarbazole

Cbz-Gly-Pro-Arg-p-NA see carbobenzoxyglycyl-prolyl-arginine-4-nitroanilide

(Cbz-Ile-Pro-ArgNH)2-rhodamine see bis(benzyloxycarbonylisoleucyl-propyl-argininamide) rhodamine

(Cbz-IPA)2-rhodamine see bis(benzyloxycarbonylisoleucyl-propyl-argininamide) rhodamine

Cbz-Leu-Leu-Glu-2NNP see carbobenzoxyleucyl-leucyl-glutamyl-2-nitroanilide

CbzLNP see N-benzyloxycarbonyllysine 4-nitrophenyl ester

Cbz-lysine thiobenzyl ester see thiobenzyl benzyloxycarbonyl-L-lysinate

Cbz-LyspNA see N-(alpha)-carbobenzoxylysine-4-nitroanilide

Cbz-Phe-Ala-Met see carbobenzoxyphenylalanylmethionine

Cbz-Phe-Arg-4-Methylcoumarinyl-7-amide see camphorated parachlorophenol

Cbz-Phe-Met see carbobenzoxyphenylalanylmethionine

Cbz-Val-Gly-Arg-p-NA see carbobenzoxyvalyl-glycyl-arginine-4-nitroanilide

CB-10-252 see CB 10-252

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CB 10-252
(RN) 39669-49-3
(SY) 2-(4'-di(2''-bromopropyl)aminophenylazo)benzoic acid
(SY) NSC 240419
(SY) CB-10-252
(HM) *AZO COMPOUNDS
(PA) ANTINEOPLASTIC AGENTS
(NO) structure

CB1954 see CB 1954

CB-1954 see CB 1954

CB 1954
(RN) 21919-05-1
(SY) 5-(1-aziridinyl)-2,4-dinitrobenzamide
(SY) CB-1954
(SY) CB1954
(SY) 5-aziridinyl-2,4-dinitrobenzamide
(SY) aziridine dinitrobenzamide
(HM) *AZIRIDINES
(PA) ANTINEOPLASTIC AGENTS
(NO) minor descriptor (75-84); on-line & Index Medicus search AZIRIDINES (75-84)

CB-3703 see CB 3703

CB 3703
(RN) 32093-09-7
(RR) 20242-63-1 (di-Na salt)
(SY) N-(p-(((2,4-diamino-5-methyl-6-quinazolinyl) methyl)amino)benzoyl)-L-glutamic acid
(SY) CB-3703
(HM) *QUINAZOLINES
(PA) FOLIC ACID ANTAGONISTS
(NO) inhibitor of dihydrofolate reductase & thymidylate synthetase; RN given refers to parent cpd

CB-3717 see CB 3717

CB 3717
(RN) 76849-19-9
(SY) *n*-(4(N-((2-amino-4-hydroxy-6-quinazolinyl) methyl)prop-2-ynylamino)benzoyl)-L-glutamic acid
(SY) 5,8-dideaza-N(10)propargylfolic acid
(SY) CB-3717
(HM) *QUINAZOLINES
(PA) ANTINEOPLASTIC AGENTS
(PA) FOLIC ACID ANTAGONISTS

CB 4091 see benfurodil

4621 CB see tetrazepam

804-CB see bucloxic acid

804 CB see bucloxic acid

CCAGT acyltransferase see cholyl CoA glycine-taurine N-acyltransferase

CCA-III see CEX

CCA lobenzarit see lobenzarit

CCAP see preprocalcitonin carboxyl-terminal region peptide

CCA protein see collagen cell attachment protein

CC-binding protein see corticosterone-binding proteins

7-CCDBT see
7-chloro-5-(2-chlorophenyl)-1,3-dihydro-2H-(1,4)-benzodiazepine-2-thione

7-CCDTDT see
7-chloro-5-(2-chlorophenyl)-1,3-dihydro-2H-thieno-(2,3-e)-(1,4)-diazepine-2-thione

CCE see calmodulin carboxymethyl ester

CCEA-2 see CEX

C1-cellulase see exo-cellobiohydrolase

C 24-cerebroside see N-nervonylgalactosylsphingosine

CC-GMP see carbocyclic guanosine monophosphate

CCG-141
(SY) CCG 141
(SY) C.74 protocol
(SY) Pethema protocol
(HM) PREDNISONE
(HM) VINCRISTINE
(HM) ASPARAGINASE
(HM) METHOTREXATE
(HM) 6-MERCAPTOPURINE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

CCG 141 see CCG-141

C-13-CHH see carminomycin 13-cyclohexylidenehydrazone

CCIBC see
8-chloro-6-(2-chlorophenyl)-4H-imidazo(1,5-a)(1,4)-benzodiazepine-3-carboxamide

6-CCIC see
6-chloro-5-(cyclopentylmethyl)inden-1-carboxylic acid

CC-IMP see carbocyclic inosine monophosphate

CCI-15641 see cefuroxime axetil

CCI 15641 see cefuroxime axetil

CCI-22277 see CCI 22277

CCI 22277
(RN) 82662-94-0
(RR) 82663-16-9 (HCl)
(SY) methyl-2 beta-ethoxy-2 alpha-hydroxy-11 alpha-(3-methylbutyl-amino)-5 alpha-androstane-17 beta carboxylate
(SY) CCI-22277
(HM) *ANDROSTANOLS
(PA) ANTI-ARRHYTHMIA AGENTS
(NO) RN given refers to parent cpd; structure given in first source

CCK-27-32-NH2 see cholecystokinin (27-32)-amide

CCK-5-PG see cholecystokinin-5-pentagastrin

CCK receptor see cholecystokinin receptor

CCK-8 receptors see cholecystokinin octapeptide receptor

CCK-7-sulfated see cholecystokinin (27-33)

CCK-22 C-terminal fragment see cholecystokinin-22 C-terminal fragment

CCK-(25-33), Thr(28)-Nle(31)- see cholecystokinin (25-33), Thr(28)-Nle(31)-

CCK-22 see cholecystokinin-22 C-terminal fragment

CCK (26-32) see cholecystokinin (26-32)

CCK (26-33) see cholecystokinin (26-33)

CCK(27-33) see cholecystokinin (27-33)

CCK-39
(RN) 79955-77-4
(SY) cholecystokinin 39
(HM) *CHOLECYSTOKININ
(HM) *PEPTIDE FRAGMENTS
(NO) 39 amino acid peptide fragment from cholecystokinin

CCK-58 see cholecystokinin-58

CCK-7 see cholecystokinin (27-33)

CCK-7S see cholecystokinin (27-33)

C5 cleaving enzyme
(RN) EC 3.4.-
(SY) C5 convertase
(SY) complement 5 convertase
(HM) *COMPLEMENT ACTIVATING ENZYMES
(NO) has trypsin-like properties; at neutral pH cleaves C5 into chemotactically active fragments

7-CCMMC see
7-((chlorocarbonyl)methoxy)-4-methylcoumarin

7-(CCM)-4-MC see
7-(chlorocarbonylmethoxy)-4-methylcoumarin

CCNU-VP
(HM) LOMUSTINE
(HM) VINBLASTINE
(HM) PREDNISONE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds; used in treatment of advanced Hodgkin's disease

CCOM
(HM) LOMUSTINE
(HM) CYCLOPHOSPHAMIDE
(HM) METHOTREXATE
(HM) VINCRISTINE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds; used in therapy of lung neoplasms

C 29 (contrast media) see C-29

C5 convertase see C5 cleaving enzyme

9-CCPB see
9-chloro-7-(2-chlorophenyl)-5H-pyrimido(5,4-d)(2) benzazepine

CCPGE see beta-endorphin, Cys(11,26),Phe(27), Gly(31)-

CCPPBZ see
9-chloro-7-(2-chlorophenyl)-5H-pyrimido(5,4-d)(2) benzazepine

CCRG 81010 see NSC 353451

CCRG-81010 see NSC 353451

CCRL-583 see CCRL 583

CCRL 583
(RN) 6188-98-3
(SY) 1,1,1,3,3,4,4,4-octafluoro-2-(trifluoromethyl)-2-butanol
(SY) CCRL-583
(HM) *HYDROCARBONS, FLUORINATED
(PA) INSECTICIDES

CCSCI see corticosteroid side chain isomerase

CCV
(HM) VINCRISTINE
(HM) CYCLOPHOSPHAMIDE
(HM) LOMUSTINE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol containing above three cpds

CCV-AV
(HM) LOMUSTINE
(HM) CYCLOPHOSPHAMIDE
(HM) VINCRISTINE
(HM) DOXORUBICIN
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

C(13)-cyanocalmodulin see S-cyanocalmodulin

C(19) cyclopropane acid see cyclopropane fatty acids

cCyd see
1-(4-hydroxymethyl-2,3-dihydroxy-4-cyclopenten-1-yl) cytosine

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CC 1065 see CC-1065

CC-1065
(RN) 69866-21-3
(SY) NSC 298223
(SY) mycarosylprotylonolide
(SY) 5-O-mycarosyltylactone
(SY) CC 1065
(HM) *LEUCOMYCINS
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) from Streptomyces zelensis; structure in second source

C-C 2489/21 see bromoperidol

CC-25 see 4-hydroxyphenylisopropylarterenol

CC 25 see 4-hydroxyphenylisopropylarterenol

CDA antibiotic
(SY) calcium-dependent antibiotic, Streptomyces coelicolor
(HM) IONOPHORES
(PA) ANTIBIOTICS
(II) CALCIUM
(NO) channel-forming antibiotic from Streptomyces coelicolor A3(2); requires calcium for activity

CDA-MA see 2-cyclohexyl-1,3-dioxepin-maleic anhydride copolymer

CDAMP see O-cyclopentyl-S-diethylaminoethyl methylphosphonothioate

CD2 antigen see differentiation antigens, T lymphocyte

CD3 antigen see differentiation antigens, T lymphocyte

CD3 antigen see differentiation antigens, T lymphocyte

CD4 antigen see differentiation antigens, T lymphocyte

CD8 antigen see differentiation antigens, T lymphocyte

10-CDA-sepharose see 10-carboxydecylamino-sepharose

CDBCP see dichlorobis(cyclopropylamine)platinum II

Cd-binding protein see cadmium-binding protein

CDCH see ovulation hormone, Lymnaea

CDCS see chenodeoxycholate sulfate conjugate

CD cytotoxin see Clostridium difficile toxin

CDDB-PMP see cytidine S-3,4-dioctadecoxybutylphosphinato(methylene phosphonate)

CDEC
(RN) 95-06-7
(SY) 2-chloroallyl diethyldithiocarbamate
(SY) Vegadex
(SY) sulfallate
(HM) *DIETHYLDITHIOCARBAMATE/analogs
(PA) HERBICIDES, CARBAMATE
(PA) MUTAGENS
(NO) structure

CD enterotoxin see Clostridium difficile toxin A

CD enterotoxin A see Clostridium difficile enterotoxin A

C5a des-Arg anaphylatoxin see complement 5a, des-arginine

C3a des-Arg see complement 3a, des-Arg-

C5a, des-Arg see complement 5a, des-arginine

C 5a, des-Arg see complement 5a, des-arginine

C5a des-Arg see complement 5a, des-arginine

4-CDHD see 4-carbamoyl-4,5-dihydrodiazepam

10-CDIQO see 10-chloro-5-(2-dimethylaminoethyl)-7H-indolo(2,3-c) quinoline-6(5H)-one

CD-3 Kodak see CD-3

CDMI see 2-(2-methyl-4-chlorophenylamino)-2-imidazoline

CDM-NVP see N-(10-carboxy)decamethylene-4-(1-naphthylvinyl) pyridinium

C-5-O-DMP see cytidine-5'-O-dimethylphosphate

CDMT see turinabol-oral

C DNA see complementary DNA

cDNA see complementary DNA

cDNA, double-stranded see complementary DNA

CDNP-lysine see 4-carboxy-2,6-dinitrophenyllysine

CDNQ see 6-chloro-2,3-dihydroxy-1,4-naphthoquinone

3-CDOOB see 3-chloro-2-(2,3-dihydro-2-oxo-1,3,4-oxadiazol-5-yl) benzo(b)thiophene

3-CDO see 3-chloro-4,4-dimethyl-2-oxazolidinone

CDPcholine-N-acylsphingosine cholinephosphotransferase see ceramide cholinephosphotransferase

CDP-choline pyrophosphorylase see cholinephosphate cytidylyltransferase

CDP-choline synthetase see cholinephosphate cytidylyltransferase

CDPdiacylglycerol-inositol 3-phosphatidyltransferase
(RN) EC 2.7.8.11
(RR) 9027-01-4 (CRN)
(SY) phosphatidylinositol synthase
(SY) CDPdiglyceride-inositol phosphatidyltransferase
(SY) CDP-diglyceride-inositoltransferase
(SY) inositol phosphatidyltransferase
(HM) *PHOSPHOTRANSFERASES

CDPdiacylglycerol pyrophosphatase
(RN) EC 3.6.1.26
(SY) CDP-diglyceride hydrolase
(SY) CDP-diglyceride pyrophosphatase
(HM) *PYROPHOSPHATASES

CDP 2',3'-dialdehyde see cytidine 5'-diphosphate 2',3'-dialdehyde

CDPdiglyceride-glycerol-3-phosphate phosphatidyltransferase see glycerophosphate phosphatidyltransferase

CDP-diglyceride hydrolase see CDPdiacylglycerol pyrophosphatase

CDPdiglyceride-inositol phosphatidyltransferase see CDPdiacylglycerol-inositol 3-phosphatidyltransferase

CDP-diglyceride-inositoltransferase see CDPdiacylglycerol-inositol 3-phosphatidyltransferase

CDP-diglyceride pyrophosphatase see CDPdiacylglycerol pyrophosphatase

CDPdiglyceride pyrophosphorylase see phosphatidate cytidylyltransferase

CDP-diglyceride synthetase see phosphatidate cytidylyltransferase

CDP ethanolamine
(RN) 3036-18-8
(RR) 5502-80-7 (P'-(32)P-labeled cpd)
(SY) cytidine diphosphate ethanolamine
(HM) *ETHANOLAMINES
(HM) *CYTIDINE DIPHOSPHATE/analogs
(NO) RN given refers to unlabeled cpd

CDPglycerol pyrophosphorylase see glycerol-3-phosphate cytidylyltransferase

CDP glycerols see cytidine diphosphate glycerol

CDP reductase
(RN) EC 1.17.4.-
(SY) Cytidine diphosphate reductase
(SY) deoxycytidine diphosphate reductase
(HM) *RIBONUCLEOSIDE DIPHOSPHATE REDUCTASE
(NO) includes deoxy analog

CDP ribitol see cytidine diphosphate ribitol

CDPribitol pyrophosphorylase see D-ribitol-5-phoshate cytidylyltransferase

CD protocol
(HM) CARUBICIN
(HM) MITOLACTOL
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above 2 cpds

C 3DP see complement 3 DNA-binding protein

C3 DP see complement 3 DNA-binding protein

C3DP see complement 3 DNA-binding protein

CDR factor see carbon dioxide reduction factor

CDRI 77-6 see 3,5-dibromo-2-chlorosalicylanilide-4'-isothiocyanate

CDRI 81-470
(RN) 93522-20-4
(SY) 5(6)-(4-(2-pyridylpiperazino)carbamoyl) benzimidazole-2-carbamate methyl ester
(SY) compound 81-470
(HM) *CARBAMATES
(HM) *BENZIMIDAZOLES
(PA) ANTICESTODAL AGENTS

CDTA
(RN) 482-54-2
(SY) cyclohexanediaminetetraacetic acid
(SY) diaminocyclohexanetetraacetic acid
(SY) DCTA
(HM) EDTA/*analogs
(II) CHELATING AGENTS
(NO) RN given refers to parent cpd; structure

CDTD see 2'-chloro-2,4-dinitro-5'-6-di(trifluoromethyl) diphenylamine

Cd-Te see cadmium telluride

9-CDTFA see 9-(2'-carboxyphenyl)-4,5-dibromo-2,3,7-trihydroxy-6-fluorone-aluminum (III) complex

Cd thionein see cadmium-binding protein

CDTPAA see cyclic DTPA anhydride

CDw-18 see differentiation antigens, T lymphocyte

Cd-Zn-metallothionein
(SY) Cd-Zn-MT
(SY) Zn-Cd thionein
(HM) *METALLOTHIONEIN

Cd-Zn-MT see Cd-Zn-metallothionein

CD 2 see CD-2

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CD-2
(RN) 148-71-0
(RR) 2051-79-8 (mono-HCl)
(RR) 24828-38-4 (unspecified HCl)
(SY) 3-methyl-4-amino-N-diethylaniline
(SY) 3-methyl-N,N-diethyl-p-phenylenediamine
(SY) Kodak CD2
(SY) CD 2
(SY) N(4),N(4)-diethyl-2-methyl-1,4-benzenediamine
(SY) SD 31
(SY) 2-amino-5-diethylaminotoluol
(HM) *PHENYLENEDIAMINES
(NO) RN given refers to parent cpd; structure

CD-3
(RN) 92-09-1
(RR) 24567-76-8 (sulfate, dihydrate[2:3])
(RR) 81608-76-6 (sulfate, hydrate[2:3:1])
(RR) 56046-61-8 (phosphate[1:1])
(RR) 25646-71-3 (sulfate[2:3])
(RR) 7207-43-4 (unspecified sulfate)
(SY) CD 3
(SY) CD-3 Kodak
(HM) *SULFONAMIDES
(NO) used in film laboratories; causes contact dermatitis & lichenoid reactions; RN given refers to parent cpd

CD 3 see CD-3

CD 3400 see CD-3400

CD-3400
(RN) 35440-49-4
(RR) 73573-42-9
((3beta,16beta,17alpha,18beta(E),20alpha)-isomer)
(SY) methyl
O-(4-hydroxy-3-methoxycinnamoyl)reserpate
(SY) CD 3400
(HM) RESERPINE/*analogs
(NO) RN given refers to
(3beta,16beta,17alpha,18beta,20alpha)-isomer; RN for cpd without isomeric designation not in Chemline 2/1/84

CD-4
(RN) 2359-51-5
(RR) 28020-34-0 (unspecified sulfate)
(RR) 25646-77-9 (sulfate[1:1])
(SY) CD 4
(SY) 2-amino-5-N-ethyl-N-(beta-hydroxyethyl) aminotoluene sulfate
(SY) color developer D(4)
(HM) TOLUENE/*analogs
(NO) causes allergic contact dermatitis

CD 4 see CD-4

CE-antigen see cytomegalovirus early antigens

CeCl3 see cerous chloride

cecropin A
(RN) 80451-04-3
(SY) P9A protein
(HM) *INSECT HORMONES
(PA) ANTI-INFLAMMATORY AGENTS
(NO) from cecropia moth, Hyalophora cecropia; small basic protein; has potent antibacterial activity against E coli & other Gram-negative bacteria; structure given in first source

cecropin A (1-33)
(HM) *PEPTIDE FRAGMENTS
(HM) *INSECT HORMONES
(PA) ANTI-INFECTIVE AGENTS

cecropin B
(RN) 80451-05-4
(SY) P9B protein
(HM) *INSECT HORMONES
(PA) ANTI-INFLAMMATORY AGENTS
(NO) from cecropia moth, Hyalophora cecropia; small basic protein; has potent antibacterial activity against E coli & other Gram-negative bacteria; structure given in first source

cecropin D
(RN) 83652-32-8
(HM) *INSECT HORMONES
(PA) ANTI-INFLAMMATORY AGENTS
(PA) ANTI-INFECTIVE AGENTS
(NO) from cecropia moth, Hyalophora cecropia; small basic protein; amino acid sequence given in first source; affective against several gram-positive & gram-negative bacteria

cedarwood oil
(RN) 8023-85-6
(HM) *OILS, VOLATILE
(PA) INSECTICIDES, BOTANICAL
(II) TREES

CEDDTC see cyanoethyl dimethyldithiocarbamate

cedilanid see isolanid

cedona see deglycyrrhizinized liquorice

CEDPHT see
1-(4'-carboxyethyl)-6-diphenyl-1,3,5-hexatriene

cefadol see diphenidol

cefamandole nafate
(RN) 57268-80-1
(RR) 42540-40-9 (14C-labeled cpd mono-Na salt(6R-(6alpha,7beta,(R*)))-isomer)
(RR) 64166-17-2 (mono-Na salt(6R-(6alpha,7beta(R*)))-isomer)
(HM) CEFAMANDOLE/*analogs
(NO) RN given refers to
(6R-(6alpha,7beta(R*)))-isomer; RN for cpd wihtout isomeric designation not in Chemline 2/1/84

cefaronide
(HM) *CEPHALOSPORINS

cefathiamidine
(RN) 33075-00-2
(SY) 7-(alpha-(N,N'-diisopropyl amidinothio) acetylamido) cephalosporamic acid inner salt
(HM) *CEPHALOSPORINS
(NO) structure

cefatiolene
(RN) 77360-52-2
(SY) RP 42980
(SY) RP-42980
(SY) efatiolene
(HM) *CEPHALOSPORINS

cefazaflur
(RN) 52123-49-6
(SY) SK&F 59962
(HM) *CEPHALOSPORINS
(NO) new parenteral cephalosporin; structure

cefazedone
(RN) 56187-47-4
(RR) 63521-15-3 (mono-Na salt)
(SY) EMD30087
(SY) Refosporin
(SY) 7-(2-(3,5-dichloro-4-oxo-1- pyridyl)acetamido)-3-(5-methyl-1,3,4-thiadiazol- 2-ylthiomethyl)-3-cephem-4-carboxylic acid
(SY) EMD 30 087
(SY) Refosporen
(HM) CEFAZOLIN/*analogs
(PA) ANTI-INFECTIVE AGENTS, URINARY
(NO) RN given refers to parent cpd; structure

cefbuperazone
(RN) 76610-84-9
(RR) 76648-01-6 (Na salt(6R-(6alpha,7alpha,7(2R*,3S*)))-isomer)
(SY) T 1982
(SY) sodium 7beta-(2R, 3S)-2-(4-ethyl-2,3-dioxo-1-piperazinecarboxamido)-(3-hydroxybutanamido)-7alpha-methoxy-3-((1-methyl-1H-tetrazol-5-yl) thiomethyl)-3-cephem-4-carboxylate
(SY) T-1982
(HM) *CEPHAMYCINS
(NO) RN given refers to parent cpd(6R-(6alpha,7alpha,7(2R*,3S*)))-isomer; RN for cpd without isomeric designation not in Chemline 7/84; structure

cefems
(SY) cefem 1
(SY) cefem 2
(HM) CEPHALEXIN/*analogs
(NO) cephalexin derivatives

cefem 1 see cefems

cefem 2 see cefems

Cefinase see nitrocefin

cefmenoxime
(RN) 65085-01-0
(RR) 75738-58-8 (hemi-HCl)
(RR) 75738-60-2 (mono-HCl)
(SY) 7beta-(2-(2-aminothiazol-4-yl)-(Z)-2-methoxyiminoacetamido)-3-((1-methyl-1H-tetrazol-5-yl)thiomethyl)ceph-3-em-4-carboxylic acid sodium salt
(SY) SCE 1365
(HM) CEFOTAXIME/*analogs
(NO) RN given refers to (6R-(6alpha,7beta(Z)))-isomer; cpd without isomeric designation not in Chemline 6/30/83

cefmetazole
(RN) 56796-20-4
(RR) 56842-00-3 (dicyclohexylamine[1:1] salt)
(RR) 56796-39-5 (Na salt)
(SY) CS 1170
(SY) CMZ
(HM) *CEPHAMYCINS
(NO) RN given refers to (6R-(cis))-isomer; RN for cpd without isomeric designation not in Chemline 7/5/83

cefminox
(HM) *CEPHAMYCINS

CEFMU see 1-(2-chloroethyl)-3-(2-furylmethyl)urea

cefodizime
(RN) 69739-16-8
(RR) 86321-41-7 (di-K salt(6R-(6alpha,7beta(Z)))-isomer)
(RR) 86329-79-5 (di-Na salt(6R-(6alpha,7beta(Z)))-isomer)
(SY) HR 221
(SY) HR-221
(HM) CEFOTAXIME/*analogs
(NO) RN given refers to (6R-(6alpha,7beta(Z)))-isomer; RN for cpd without isomeric designation not in Chemline 2/1/84

cefonicid
(RN) 61270-58-4
(RR) 61270-78-8 (di-Na salt(6R-(6alpha,7beta(R*)))-isomer)
(RR) 69088-92-2 ((6R-(6alpha,7beta))-isomer)
(RR) 71420-79-6 (mono-Na salt)
(SY) SK&F 75073
(HM) CEFAMANDOLE/*analogs
(NO) RN given refers to
(6R-(6alpha,7beta(R*)))-isomer; USAN reference for di-Na salt; RN for cpd without isomeric designation not in Chemline 7/5/83

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cefoperazone A
(RN) 73240-07-0
(HM) CEFOPERAZONE/*analogs
(NO) metabolite of cefoperazone; RN given refers to (6R-(6alpha,7beta(R*))-isomer; structure given in first source

cefoperazone monobactam
(RN) 86702-45-6
(SY) cefoperazon monobaktam
(HM) CEFOPERAZONE/*analogs
(HM) *MONOBACTAMS
(NO) cefoperazone monobactam analog; structure given in first source

cefoperazon monobaktam see cefoperazone monobactam

ceforanide
(RN) 60925-61-3
(RR) 61336-41-2 (mono-Na salt)
(SY) BL-S 786
(SY) 7-(alpha-(2-aminomethylphenyl)acetamido)-3-((1-carboxymethyltetrazol-5-ylthiomethyl)-3-cephem-4-carboxylic acid
(SY) BL-S786R
(HM) CEFAMANDOLE/*analogs
(NO) RN given refers to (6R-(trans))-isomer; RN for cpd without isomeric designation not in Chemline 7/7/83

cefotetan
(RN) 69712-56-7
(RR) 74356-00-6 (di-Na salt)
(SY) YM 09330
(SY) ICI 156,834
(SY) YM-09330
(HM) *CEPHAMYCINS
(NO) RN given refers to parent cpd; structure in USAN 1982

cefotiam
(RN) 61622-34-2
(RR) 66309-61-3 (di-HCl octahydrate)
(RR) 66309-62-4 (di-HCl heptahydrate)
(RR) 66309-63-5 (di-HCl hexahydrate)
(RR) 66309-64-6 (di-HCl pentahydrate)
(RR) 66309-65-7 (di-HCl tetrahydrate)
(RR) 66309-60-2 (di-HCl trihydrate)
(RR) 66309-59-9 (di-HCl dihydrate)
(RR) 66309-56-6 (di-HCl hydrate)
(RR) 66309-69-1 (di-HCl)
(SY) 7-(2-(2-aminothiazol-4-yl)acetamido)-3-(((1-(2-dimethylaminoethyl)-1H-tetrazol-5-yl)thio) methyl)ceph-3-em-4-carboxylic acid
(SY) SCE-963
(HM) CEFOTAXIME/*analogs
(NO) RN given refers to parent cpd

cefpimizole
(RN) 84880-03-5
(HM) *CEPHALOSPORINS
(NO) RN from USAN 1985; RN given refers to (6R,7R)-isomer; RN for cpd without isomeric designation not available 9/84; structure given in first source

cefpiramide
(RN) 70797-11-4
(RR) 74849-93-7 (Na salt)
(SY) SM-1652
(SY) SM 1652
(HM) *CEPHALOSPORINS
(NO) antipseudomonal cephalosporin derivative

cefpirome see HR 810

cefroxadin see CGP 9000

cefroxadine see CGP 9000

cefsulodin monobactam
(RN) 86710-50-1
(SY) cefsulodin monobaktam
(HM) CEFSULODIN/*analogs
(HM) *MONOBACTAMS
(NO) cefsulodin monobactam analog

cefsulodin monobaktam see cefsulodin monobactam

ceftazidime monobactam
(RN) 80904-83-2
(SY) ceftazidim monobaktam
(HM) CEFTAZIDIME/*analogs
(HM) *MONOBACTAMS
(NO) ceftazidime monobactam analog; structure given in first source

ceftazidim monobaktam see ceftazidime monobactam

ceftezol
(RN) 26973-24-0
(RR) 41136-22-5 (Na salt)
(SY) demethylcefazolin
(SY) falomesin
(SY) ceftezole
(SY) celoslin
(HM) CEFAZOLIN/*analogs
(NO) RN given refers to (6R-(trans))-isomer; RN for cpd without isomeric designation not in Chemline 7/5/83; structure

ceftezole see ceftezol

ceftizoxime
(RN) 68403-31-6
(RR) 68401-81-0 ((6R-(6alpha,7beta(Z)))-isomer)
(RR) 68401-82-1 (mono-Na salt(6R-(6alpha,7beta(Z)))-isomer)
(SY) FK749
(SY) FK 749
(HM) CEFOTAXIME/*analogs
(NO) RN given refers to parent cpd(6R-(6alpha,7beta(E)))-isomer; RN for cpd without isomeric designation not in Chemline 7/84; structure in UD 32;6n

cefuroxime 1-acetoxyethyl ester see cefuroxime axetil

cefuroxime axetil
(RN) 64544-07-6
(SY) CCI 15641
(SY) CCI-15641
(SY) cefuroxime 1-acetoxyethyl ester
(HM) CEFUROXIME/*analogs
(NO) structure given in first source

cefuroxime lysine
(RN) 65527-51-7
(HM) *CEFUROXIME/analogs

CE-GABA see 2-carboxyethyl gamma-aminobutyric acid

CEGABA see gamma-aminobutyric acid cetyl ester

CE-guanine see 9-(2-carboxyethyl)guanine

7-CE-Gua see 7-(2-carboxyethyl)guanine

CEI see angiotensin II converting enzyme inhibitor

celanide see isolanid

celesticetin
(RN) 2520-21-0
(HM) LINCOMYCIN/*analogs
(PA) ANTIBIOTICS
(NO) antibiotic produced by Streptomyces caelestis from soil; active against gram positive & plant pathogens; structure

Celestine Blue
(RN) 1562-90-9
(SY) C.I. mordant blue 14
(SY) celestine Blue B
(HM) *OXAZINES
(II) DYES
(NO) structure

celestine Blue B see Celestine Blue

celestone chronodose see betamethasone acetate phosphate

Celestone-R see betamethasone acetate phosphate

celiprolol
(RN) 56980-93-9
(RR) 84668-83-7 (fumarate [2:1])
(RR) 83688-50-0 ((+-)-isomer)
(RR) 57470-78-7 (mono-HCl)
(SY) ST1396
(SY) 3-(3-acetyl-4-(3-(tert-butylamino)- 2-hydroxypropoxy)phenyl)-1,1-diethylurea
(SY) REV 5320A
(SY) ST-1396
(HM) *PROPANOLAMINES
(II) ADRENERGIC BETA RECEPTOR BLOCKADERS
(NO) RN given refers to parent cpd without isomeric designation

celiptium see 2-methyl-9-hydroxyellipticinium

cell adhesion and spreading factor see cell spreading factor

cell adhesion molecules
(SY) neural cell adhesion molecule
(SY) liver cell adhesion molecule
(SY) N-CAM
(SY) L-CAM
(SY) high endothelial binding factor
(SY) adherons
(HM) *ANTIGENS, SURFACE
(II) CELL ADHESION

cell aggregation factor see aggregation factor

cellobiohydrolases see exo-cellobiohydrolase

cellobionic acid
(RN) 534-41-8
(RR) 7081-66-5 (mono-Li salt)
(RR) 534-42-9 (alpha-D-glucopyranosyl cpd)
(HM) *DISACCHARIDES
(NO) RN given refers to (beta-D-glucopyranosyl cpd)

cellobiose dehydrogenase see cellobiose-quinone oxidoreductase

cellobiose oxidase
(RN) EC 1.1.3.-
(HM) *CARBOHYDRATE DEHYDROGENASES
(NO) heme-containing flavoprotein, requires molecular oxygen

cellobiose phosphorylase
(RN) EC 2.4.1.20
(HM) *GLUCOSYLTRANSFERASES

cellobiose-quinone oxidoreductase
(RN) EC 1.1.99.-
(SY) cellobiose dehydrogenase
(HM) *CARBOHYDRATE DEHYDROGENASES

cellobiotol
(RN) 535-94-4
(HM) *SUGAR ALCOHOLS
(NO) RN given refers to (D)-isomer; RN for cpd without isomeric designation not in Chemline 9/28/83

cellolite see polyvinyl alcohol formaldehyde foam

Cellosolve see 2-ethoxyethanol

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cellryl
(HM) *TISSUE EXTRACTS
(NO) reticuloendothelium or cell respiration activating substance extracted from bovine blood; used in therapy of peptic ulcer & cerebrovascular disorders

cell spreading factor
(SY) serum component cell stimulating factor
(SY) serum spreading factor
(SY) cell adhesion and spreading factor
(SY) vitronectin
(SY) epibolin
(HM) *GLYCOPROTEINS
(II) BLOOD PROTEINS
(NO) foetal-calf-serum component which stimulates cells in culture; MW-62,000; similar factor in human sera; also promotes adhesion of cells; contains 2 active globular glycoprotein components

P cell stimulating factor see interleukin 3

P cell-stimulating factor
(SY) PSF factor
(HM) *GLYCOPROTEINS
(II) GROWTH SUBSTANCES
(NO) glycoprotein with apparent mol wt 29,000 produced by activated T cells supported in vitro growth of persisting P cells

cell surface-associated adhesive factor, rat hepatoma see hepatoma adhesive factor

cellu-brite
(RN) 133-66-4
(HM) *BENZENESULFONATES
(PA) RADIATION-PROTECTIVE AGENTS
(NO) fluorescent whitening agent; optical brightener; structure

cellular protein p53 see phosphoprotein pp53

celluline see celluline A

celluline A
(RN) 39436-02-7
(SY) celluline
(HM) *TISSUE EXTRACTS
(NO) frog skin extract calcium complex; cardiotonic

cellulose acetate see acetylcellulose

cellulose acetate-butyrate
(RN) 9004-36-8
(SY) C.A.B.
(SY) cellulose aceto-butyrate
(SY) cabufocon
(HM) CELLULOSE/*analogs
(II) PLASTICS
(II) POLYMERS
(NO) structure

cellulose, acetate phthalate
(RN) 9004-38-0
(HM) CELLULOSE/*analogs
(NO) tablet coating (experimental)

cellulose aceto-butyrate see cellulose acetate-butyrate

cellulose caprate resin see cellulose decanoate resin

cellulose decanoate resin
(SY) cellulose caprate resin
(HM) CELLULOSE/*analogs
(II) RESINS, SYNTHETIC

cellulose diacetate
(RN) 9035-69-2
(SY) diacetyl cellulose
(HM) CELLULOSE/*analogs
(NO) prevents platelet adhesion to porous surfaces

cellulose ester membrane see cellulose ester plastic

cellulose ester plastic
(SY) cellulose ester membrane
(HM) CELLULOSE/*analogs
(II) PLASTICS
(II) MEMBRANES, ARTIFICIAL

cellulose phosphate see phosphocellulose

cellulose polyphosphate see phosphocellulose

cellulose sulfate
(RN) 9032-43-3
(RR) 9062-27-5 (K salt)
(RR) 9005-22-5 (Na salt)
(HM) CELLULOSE/*analogs
(NO) RN given refers to cpd with unknown MF

cellulose synthase (UDP-forming)
(RN) EC 2.4.1.12
(RR) 9027-19-4 (CRN)
(SY) UDPG transferase
(HM) *GLUCOSYLTRANSFERASES
(NO) consider also EC 2.4.1.35 for UDPG transferase

cellulose triacetate
(RN) 9012-09-3
(HM) CELLULOSE/*analogs

2-5A-cellulose see 2',5'-oligoadenylate-cellulose

cell wall skeleton
(SY) CWS-1
(HM) *MYCOLIC ACIDS
(HM) *MUCOPROTEINS
(NO) insoluble fraction from BCG cell wall; it is a polymeric mycolic acid-arabinose-galactan mucopeptide complex

cell wall skeleton, Nocardia
(SY) N-CWS
(HM) *MUCOPROTEINS
(II) NOCARDIA
(NO) used in immunotheraphy of lung neoplasm; from Nocardia rubra

celnovocaine
(RN) 37341-70-1
(SY) tselnovocaine
(SY) celonovocain
(HM) PROCAINE/*analogs
(NO) polymeric derivative of procaine on a basis of modified cellulose 1%

celonovocain see celnovocaine

celoslin see ceftezol

celotex see polyisocyanurate

Celuton see plastenan

4-CEMABZAM see
4-(N-2-chloroethyl-N-methylamino)benzylamine

cembrane
(RN) 1786-12-5
(SY) cembrane I
(HM) *DITERPENES
(PA) CALCIUM CHANNEL BLOCKERS
(NO) diterpene with Ca-antagonistic action on rabbit aorta from soft coral of genus Sarcophyton; structure given in first source

cembrane I see cembrane

2,7,11-cembratriene-4,6-diol
(HM) *DITERPENES
(PA) ANTINEOPLASTIC AGENTS
(NO) from cigarette smoke condensate; inhibits tumor promotion by tetradecanoylphorbol acetate; structure given in first source

cement
(HM) *CALCIUM HYDROXIDE
(II) CONSTRUCTION MATERIALS
(NO) appx 65% CaO (quicklime) which forms Ca(OH)(2) in water

CENAB see 4-(carbethoxynitrosamino)butanal

centazolone
(RN) 65793-50-2
(SY) cpd 65,469
(SY) 3-aminobenzo-6,7-quinazoline-4-one
(HM) *QUINAZOLINES
(PA) TRANQUILIZING AGENTS
(PA) MONOAMINE OXIDASE INHIBITORS
(NO) tranquillosedative drug with action similar to that of chlordiazepoxide; structure in UD 30;55a

centbucridine
(RN) 82636-28-0
(SY) 4-N-butylamino-1,2,3,4-tetrahydroacridine
(HM) *TACRINE/analogs
(PA) ANESTHETICS, LOCAL

centbutindole
(RN) 41510-23-0
(RR) 42021-35-2 ((S)-isomer)
(RR) 42021-34-1 ((+-)-isomer)
(RR) 71806-71-8 ((R)-isomer)
(HM) *PYRAZINES
(PA) TRANQUILIZING AGENTS, MAJOR
(NO) RN given refers to cpd without isomeric designation

centhaquine
(SY) 1-(bis(2-quinolyl)ethyl)-4-m-tolylpiperazine
(HM) *PIPERAZINES
(PA) ANTIHYPERTENSIVE AGENTS
(NO) structure given in first source

centperazine
(RN) 25143-13-9
(SY) 1-ethyl-6-methyl-2-oxoperhydro(1,2-c) piperazinopyrimidine
(SY) compound 67-255
(SY) 3-ethyl-8-methyl-1,3,8-triazabicyclo(4,4,0) decan-2-one
(HM) *PIPERAZINES
(PA) ANTHELMINTICS
(PA) FILARICIDES
(NO) bridged deriv of diethylcarbamazine; potential antifilarial cpd

centpiperalone
(RN) 22587-29-7
(SY) 2-piperazino-4(3H)-quinazolinone monoacetate
(HM) *QUINAZOLINES
(PA) ANTIDIABETICS

centpropazine
(RN) 91315-34-3
(HM) *ANTIDEPRESSIVE AGENTS
(NO) no other information available 3/85

Centran see Bactrim

Centrin see Bactrim

centrine see aminopentamide

Centroton see pyrovalerone

Centruroides suffusus suffusus toxin receptor see scorpion toxin receptor

Centruroides toxin
(SY) toxin II, Centruroides suffusus suffusus
(HM) *SCORPION VENOMS
(II) NEUROTOXINS
(NO) from scorpion Centruroides suffusus suffusus; selective blocker of surface Na+ channels in skeletal muscle

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Centuroides sculpturatus variant-2 toxin see variant-2 scorpion toxin

CENU see N-(2-chloroethyl)-N-nitrosoacetamide

CEP
(HM) LOMUSTINE
(HM) ETOPOSIDE
(HM) PREDNIMUSTINE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above 3 cpds

cepacin A
(HM) LACTONES
(PA) ANTIBIOTICS
(NO) isolated from fermentation broth of Pseudomonas cepacia; structure in first source

cepacin B
(HM) LACTONES
(PA) ANTIBIOTICS
(NO) isolated from fermentation broth of Pseudomonas cepacia; structure in first source

Cepaea hortensis lectin
(SY) CH lectin
(HM) *LECTINS
(II) SNAILS
(NO) lectin specific for sialic acid

cepan
(HM) *HEPARIN
(HM) *ALLANTOIN
(HM) *PLANT EXTRACTS
(HM) DRUG COMBINATIONS
(II) OINTMENTS
(NO) ointment for increasing elasticity of post-burn scars; contains heparin, allantoin, onion & camomile extracts.

CEPDC see beta-cyanoethyl phosphorodichloridite

cephabacin F (1-9) see cephabacins

cephabacin H (1-6) see cephabacins

cephabacins
(RN) 94947-55-4
(SY) cephabacin F (1-9)
(SY) cephabacin H (1-6)
(HM) *CEPHALOSPORINS
(NO) have unique side chains in position 3 & 7; RN given refers to cephabacin

cephadol see diphenidol

cephaelin
(RN) 483-17-0
(SY) desmethylemetine
(HM) EMETINE/*analogs
(PA) EMETICS
(NO) next to emetine, the most important alkaloid of ipicac; protein synthesis inhibitor

cephalexin pivaloxymethyl ester see pivcephalexin

cephalin N-methyltransferase see phosphatidylethanolamine methyltransferase

cephalonium
(RN) 5575-21-3
(SY) Cepravin D.C.
(SY) cepravin dry cow
(HM) *CEPHALOSPORINS
(NO) used in treatment of bovine mastitis; Cepravin D.C. contains 250 mg cephalonium

cephaloplastin reagent
(HM) *PHOSPHATIDYLETHANOLAMINES
(II) INDICATORS AND REAGENTS
(NO) cephalin extracted from dehydrated rabbit brain in ellagic acid

cephalosporate C2 see cephalosporate C-2

cephalosporate C-2
(SY) 5-amino-5-carboxyvaleramido-(5-formyl-4-carboxy-2H,3H,6H-tetrahydro-1,3-thiazinyl)glycine
(SY) cephalosporate C2
(HM) *CEPHALOSPORINS
(NO) from mutant of Streptomyces lactamdurans; structure given in first source

cephalosporin acetylesterase see cephalosporin-C deacetylase

cephalosporin C
(RN) 61-24-5
(RR) 51762-04-0 (mono-Na salt)
(RR) 26944-38-7 (K salt(6R-(6alpha,7beta(S*)))-isomer)
(RR) 39879-21-5 (di-Na salt)
(RR) 37391-56-3 (HCl)
(RR) 51263-08-2 (mono-Na salt(6R-(6alpha,7beta))-isomer)
(RR) 57847-70-8 (K salt)
(RR) 32224-42-3 (Na salt(6R-(6alpha,7beta))-isomer)
(RR) 41279-77-0 (Zn salt)
(RR) 59143-60-1 (mono-Zn salt)
(HM) *CEPHALOSPORINS
(NO) RN given refers to parent cpd; structure in Merck, 9th ed, #1937

cephalosporin-C deacetylase
(RN) EC 3.1.1.41
(SY) cephalosporin acetylesterase
(HM) *CARBOXYLIC ESTER HYDROLASES

cephalosporin N see penicillin N

cephalosporin C synthetase system
(SY) CPC synthetase
(HM) *MULTIENZYME COMPLEXES

cephalotaxine
(RN) 24316-19-6
(HM) *HARRINGTONINES
(PA) ANTINEOPLASTIC AGENTS
(NO) alkaloid from Cephalotaxus harringtonia; structure

cephamycin C
(RN) 38429-35-5
(RR) 34279-54-4 (mono-Na salt)
(RR) 61274-70-2 (Na salt)
(RR) 32178-84-0 ((6R)-isomer)
(RR) 64162-09-0 ((6R-(6alpha,7alpha,7(S*)))-isomer)
(RR) 34279-51-1 ((6R-(6alpha,7alpha,7(R*)))-isomer)
(SY) A16886B
(SY) A 16886B
(SY) A-16886B
(HM) *CEPHAMYCINS
(NO) produced from O-carbamoyldeacetylcephalosporin in C by cell-free extracts of Streptomyces clavuligerus; RN given refers to cpd without isomeric designation; structure given in first source

cephanone
(RN) 24209-02-7
(RR) 24209-51-6 (Na salt(6R-trans)-isomer)
(HM) *CEPHALOSPORINS
(NO) minor descriptor (75-83); on-line & Index Medicus search CEPHALOSPORINS (75-83); RN given refers to (6R-trans)-isomer; RN for parent cpd without isomeric designation not in Chemline 8/5/83

cepharanthine
(RN) 481-49-2
(RR) 1413-58-7 (former CAS registry number)
(RR) 30255-28-8 (former CAS registry number)
(HM) *ALKALOIDS
(NO) isoquinoline alkaloid from tubers of Stephania; stimulates recovery of immunologic function in lymphatic system afte administration of antineoplastic agents or x-irradiation; stucture

cephoxazole
(RN) 36920-48-6
(HM) *CEPHALOSPORINS
(NO) used in treatment of bovine mastitis

CEPMU see 1-(2-chloroethyl)-3-(2-pyrazinylmethyl)urea

Cepravin D.C. see cephalonium

cepravin dry cow see cephalonium

ceramidase see acylsphingosine deacylase

ceramide cholinephosphotransferase
(RN) EC 2.7.8.3
(RR) 9026-14-6 (CRN)
(SY) sphingomyelin synthetase
(SY) phosphorylcholine-ceramide transferase
(SY) CDPcholine-N-acylsphingosine cholinephosphotransferase
(HM) *PHOSPHOTRANSFERASES

ceramide-diglyceride kinase see diglyceride kinase

ceramide GL(3) see ceramide 3

ceramide heptassaccharide
(SY) heptaglycosylceramide, Le(a)-active
(SY) CHSC
(HM) *GLYCOSPHINGOLIPIDS
(II) MEMBRANE LIPIDS
(NO) from human red blood cell membranes; structure given in first source

ceramide hydrolase see acylsphingosine deacylase

ceramide synthetase see acylsphingosine deacylase

ceramide UDPG glucosyltransferase see UDPglucose-ceramide glucosyltransferase

ceramide 3
(SY) ceramide GL(3)
(SY) Burkitt's Lymphoma associated glycolipid antigen
(HM) *GLYCOSPHINGOLIPIDS
(II) ANTIGENS, NEOPLASM

cerasine see kerasin

ceratitin
(HM) *PEPTIDES
(II) HEMOLYMPH
(NO) major hemolymph polypeptides from fat body of Ceratitus larvae; MW 81000-87000

ceravital see bio-vitroceramic AP40

cerebellum protein substrate for cGMP dependent protein kinase see G-substrate

Cerebratulus lacteus toxin A-III
(SY) CL toxin A-III
(SY) cytotoxin A III
(HM) *MARINE TOXINS
(II) CYTOTOXINS
(NO) polypeptide cytotoxin from heteronemertine worm

Cerebratulus lacteus toxin A-IV
(SY) CL cytotoxin A-IV
(SY) cytotoxin A IV
(HM) *MARINE TOXINS
(II) CYTOTOXINS
(NO) polypeptide cytotoxin from marine worm

Cerebratulus lacteus toxin B-IV
(SY) CL toxin B-IV
(HM) *MARINE TOXINS
(II) NEUROTOXINS

cerebrocystatin
(RN) 86102-30-9
(HM) *NERVE TISSUE PROTEINS
(NO) from rat brain; single polypeptide, MW 12,500

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cerebrolysin
(RN) 12656-61-0
(HM) *AMINO ACIDS
(II) BRAIN
(NO) swine brain hydrolysate containing amino acids

cerebron see phrenosin

cerebroside sulfatase activator
(SY) CS-Act
(HM) *PROTEINS
(II) ENZYME ACTIVATION
(NO) low-molecular weight, heat-stable protein nedded for the action of cerebroside sulfatase; deficiency of this activator causes clinical disorder closely resembling metachromatic leukodystrophy

cerebroside sulfotransferase see galactosylceramide sulphotransferase

cerebroside transfer protein see lipid transfer protein

cerebrospinal fluid gamma 5 band protein see gamma 5 protein

cerebrosterol see 24-hydroxycholesterol

cereolysin
(RN) 72270-31-6
(HM) *BACTERIAL PROTEINS
(PA) HEMOLYSINS
(II) BACTERIAL TOXINS
(II) BACILLUS CEREUS
(NO) hemolytic protein from Bacillus cereus closely related to streptolysin O

ceresan M see granosan MDB

cerexin see cerexins

cerexins
(RN) 65454-17-3
(RR) 55467-31-7 (cerexin A)
(RR) 55599-73-0 (cerexin B)
(SY) cerexin
(HM) PEPTIDES
(PA) ANTIBIOTICS
(NO) closely related peptide antibiotics from different strains of Bacillus cereus; cerexins A,B,C & D have been isolated; RN given refers to cpd with unknown MF

cer-glc-gal-galNAc-gal-NeuNAc see ganglioside M1b

ceric oxide
(RN) 1306-38-3
(RR) 1345-13-7 (Ce2O3)
(RR) 12014-74-3 (CeO)
(SY) cerium oxide (CeO2)
(SY) cerium dioxide
(SY) cerium oxide
(HM) *CERIUM
(II) CONTRAST MEDIA
(NO) RN given refers to cpd with MF CeO2

ceric sulfate
(RN) 13590-82-4
(HM) *SULFURIC ACIDS
(NO) RN given refers to sulfuric acid, cerium(+4) salt [2:1]

cerigel see tserigel

cerium dioxide see ceric oxide

cerium-flamazine
(HM) *SILVER SULFADIAZINE
(HM) *CERIUM
(HM) DRUG COMBINATIONS
(NO) cream consisting of cerium nitrate and silver sulfadiazine; used in treatment of burns

cerium nitrate
(RN) 17309-53-4
(RR) 13093-17-9 (Ce(+4) salt)
(RR) 10108-73-3 (Ce(+3) salt)
(HM) *CERIUM
(PA) ANTI-INFECTIVE AGENTS, LOCAL
(NO) RN given refers to unspecified cerium salt

cerium oxide see ceric oxide

cerium oxide (CeO2) see ceric oxide

cerium trichloride see cerous chloride

CERM 10194
(SY) CERM-10194
(SY) 6-benzoylbenzoxazolidinone
(HM) *OXAZOLES
(PA) ANALGESICS
(NO) structure given in first source

CERM-10194 see CERM 10194

1766 CERM see oxaflozane

1978 CERM see Bepridil

3024 CERM see zipeprol

CERM 3726 see 3726 CERM

3726 CERM
(RN) 59798-73-1
(SY)
6-(3-chloro)-phenoxy-2-methyl-1-oxa-4-azospiro-(4,5)decane-3-one
(SY) CERM 3726
(HM) *OXAZOLES

cernilton
(RN) 8054-43-1
(HM) *POLLEN
(NO) pollen preparation containing amino acids, sugars, vitamins & sterols used in treatment of prostatovesiculitis

cerous chloride
(RN) 7790-86-5
(RR) 63938-95-4 (octahydrate)
(RR) 54097-71-1 (141Ce-labeled cpd)
(RR) 1578507-6 (144Ce-labeled cpd)
(RR) 18618-55-8 (heptahydrate)
(RR) 16651-27-7 (hexahydrate)
(SY) cerium trichloride
(SY) CeCl3
(HM) *CERIUM
(NO) RN given refers to cpd with MF CeCl3

ceruleotoxin
(RN) 58205-95-1
(HM) *BUNGAROTOXINS
(NO) toxin component of Bungarus caeruleus venom cerumenolytic agent containing triethanolamine, polypeptide oleate condensate in propylene glycol with chlorbutanol

ceruletide diethylamine see caerulein diethylamine

ceruletide(4-10), 8-norleucine- see caerulein(4-10), Nle(8)-

ceruletide, 8-norleucine- see caerulein, Nle(8)-

cerulomycin
(RN) 21802-37-9
(SY) caerulomycin
(HM) 2,2'-DIPYRIDYL/analogs
(PA) ANTIBIOTICS, ANTIFUNGAL
(NO) from Streptomyces caeruleus; structure given in first source; RN given refers to (E)-isomer; RN for cpd without isomeric designation not in Chemline 12/84

ceruloplasmin amine oxidase
(RN) EC 1.4.-
(HM) *AMINE OXIDOREDUCTASES

ceruloplasmin receptor
(SY) ceruloplasmin receptors
(SY) receptor, ceruloplasmin
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) CERULOPLASMIN
(NO) found in aortic & heart tissue

ceruloplasmin receptors see ceruloplasmin receptor

Cervagem see 16,16-dimethyl-delta(2)-prostaglandin E1 methyl ester

Cervident see NPG-GMA

cervoxan see eburnamonine

CES see aramite

cesalin
(HM) *PLANT PROTEINS
(PA) ANTINEOPLASTICS, BOTANICAL
(NO) antitumor protein from seeds of Caesalpina gilliesii

cesium chloride
(RN) 7647-17-8
(RR) 20355-14-0 (35Cl-labeled cpd)
(RR) 40828-93-1 (133Cs-labeled cpd)
(RR) 20334-19-4 (137Cs-labeled cpd)
(SY) CsCl
(HM) *CESIUM
(NO) RN given refers to unlabeled cpd

cesium fluoride
(RN) 13400-13-0
(RR) 34669-16-4 (18F-labeled cpd)
(HM) *CESIUM
(NO) RN given refers to above cpd

cesium iodide
(RN) 7789-17-5
(HM) *CESIUM
(HM) *IODIDES
(NO) X-ray image intensifier

cesium sulfate
(RN) 10294-54-9
(HM) *CESIUM
(NO) used in forming density gradients

cesium trithiomolybdate see trithiomolybdic acid

2-CESP see N(8)-2-carboxyethylspermidine

cetaben
(RN) 55986-43-1
(RR) 64059-66-1 (mono-Na salt)
(SY) sodium p-hexadecylaminobenzoate
(SY) p-hexadecylaminobenzoate sodium
(SY) sodium 4-(hexadecylamino)benzoate
(HM) *P-AMINOBENZOIC ACID/analogs
(PA) ANTILIPEMIC AGENTS
(NO) anti-atherosclerotic; RN given refers to parent cpd

Cetacaine
(RN) 64082-67-3
(HM) *BENZOCAINE
(HM) *TETRACAINE
(HM) *P-AMINOBENZOIC ACID/analogs
(HM) *BENZALKONIUM COMPOUNDS
(HM) *CETRIMONIUM COMPOUNDS
(HM) DRUG COMBINATIONS
(PA) ANESTHETICS, LOCAL
(NO) topical anesthetic which contains benzocaine, butyl aminobenzoate, tetracaine hydrochloride, benzalkonium chloride & cetyldimethylethylammonium bromide

cetalkonium chloride see cetyldimethylbenzylammonium

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cetamiphen
(RN) 1870-65-1
(SY) 2-phenylbutyrate-ethanolamine salt
(HM) *PHENYLBUTYRATES
(PA) ANTICHOLESTEREMIC AGENTS
(PA) ANTILIPEMIC AGENTS
(NO) structure in Negwer, 5th ed, #1295

cetamolol
(RN) 34919-98-7
(RR) 77590-95-5 (HCl)
(SY) AI-27303
(SY) betacor
(SY) cetamolol HCl
(HM) *ACETAMIDES
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS
(NO) RN given refers to parent cpd

cetamolol HCl see cetamolol

cetavlon see cetrimonium

CE-TCP see N-2-cyanoethyltranylcypromine

cetiedil
(RN) 14176-10-4
(RR) 86683-24-1 (oxalate)
(RR) 16286-69-4 (citrate[1:1])
(RR) 16199-90-9 (HCl)
(SY) stratene
(HM) *AZEPINES
(PA) VASODILATOR AGENTS
(PA) ANTISICKLING AGENTS
(PA) ANTI-ARRHYTHMIA AGENTS
(NO) RN given refers to parent cpd; structure

cetipris novum see emepronium carrageenate

cetobemidon see ketobemidone

cetocycline see chelocardin

cetoleic acid
(RN) 506-36-5
(RR) 62600-37-7 ((E)-isomer)
(RR) 28929-01-3 ((Z)-isomer, unspecified locant)
(RR) 25378-26-1 (cpd with unspecified locant)
(RR) 1002-96-6 ((Z)-isomer)
(SY) 11-docosenoic acid
(HM) *ERUCIC ACIDS
(NO) RN given refers to cpd with specified locant & without isomeric designation

cetostearyl alcohol
(RN) 8005-44-5
(SY) Lanette O
(HM) *FATTY ALCOHOLS
(NO) component of creams, ointments, emulsifying agents

cetotetrine see chelocardin

cetraxate
(RN) 34675-84-8
(RR) 27724-96-5 (HCl(trans)-isomer)
(SY) 4-(2-carboxyethyl)phenyl-trans-4-aminomethylcyclohexane carboxylate hydrochloride
(SY) DV 1006
(HM) *TRANEXAMIC ACID/analogs
(PA) ANTI-ULCER AGENTS
(NO) broad spectrum peptide hydrolase inhibitor; RN given refers to (trans)-isomer; RN for cpd without isomeric designation not in Chemline 2/1/84; structure

cetrimide see cetrimonium

cetriminium see cetrimonium

cetrimonium
(RN) 6899-10-1
(RR) 68214-07-3 (monosulfate)
(RR) 65060-02-8 (methyl sulfate)
(RR) 7192-88-3 (iodide)
(RR) 505-86-2 (hydroxide)
(RR) 112-02-7 (chloride)
(RR) 57-09-0 (bromide)
(SY) cetyltrimethylammonium bromide
(SY) cetrimide
(SY) cetavlon
(SY) hexadecyltrimethylammonium bromide
(SY) cetrimonium bromide
(SY) cetrimonium chloride
(SY) cetyltrimethylammonium chloride
(SY) 1-hexadecyltrimethylammonium chloride
(SY) CTAB
(SY) CTAOH
(SY) cetriminium
(HM) *CETRIMONIUM COMPOUNDS
(PA) ANTI INFECTIVE AGENTS, LOCAL
(PA) ANTICESTODAL AGENTS
(II) DETERGENTS
(NO) RN given refers to parent cpd

cetrimonium bromide see cetrimonium

cetrimonium chloride see cetrimonium

cetyl alcohol
(RN) 36653-82-4
(RR) 19141-82-3 (Al salt)
(RR) 3877-54-1 (14C-labeled cpd)
(SY) hexadecan-1-ol
(SY) n-hexadecanol
(HM) *FATTY ALCOHOLS
(NO) has been used for eczema, skin irritations; RN given refers to parent cpd; structure

cetylamine see hexadecylamine

cetylaminohydrofluoride see hexadecylamine

cetyldimethylbenzylammonium
(RN) 10328-34-4
(RR) 122-18-9 (chloride)
(RR) 3529-04-2 (bromide)
(SY) bonjela
(SY) cetalkonium chloride
(SY) cetyldimethylbenzylammonium chloride
(SY) benzyldimethyl-n-hexadecylammonium chloride
(HM) *AMMONIUM COMPOUNDS
(II) DETERGENTS
(NO) RN given refers to parent cpd

cetyldimethylbenzylammonium chloride see cetyldimethylbenzylammonium

cetyl GABA see gamma-aminobutyric acid cetyl ester

cetylsulfonic acid
(RN) 6140-88-1
(RR) 15015-81-3 (Na salt)
(SY) sodium cetylsulphate
(SY) sodium cetylsulfate
(SY) hexadecyl sulfonate
(SY) hexadecanesulfonate
(HM) *ALKYL SULFONATES
(II) SURFACE-ACTIVE AGENTS
(NO) used as titrating agent for phenothiazine derivs; RN given refers to parent cpd

cetyltrimethylammonium bromide see cetrimonium

cetyltrimethylammonium chloride see cetrimonium

CE-uracil see 1-(2-carboxyethyl)uracil

cevilen see ethylenevinylacetate copolymer

cevilene see ethylenevinylacetate copolymer

CEX
(SY) BCGP
(SY) NCA
(SY) NGP
(SY) nonspecific crossreacting antigen
(SY) non-specific cross-reacting antigen
(SY) CCA-III
(SY) CCEA-2
(SY) colon carcinoma antigen III
(SY) normal colon and granulocyte antigen
(SY) NCA-2
(HM) *GLYCOPROTEINS
(II) ANTIGENS
(II) ANTIGENS, NEOPLASM
(NO) replaces carcinoembryonic antigen in the colonic mucosa during latter part of fetal life.

cezomycin
(RN) 83874-22-0
(SY) demethylamino A23187
(HM) A-23187/*analogs
(II) IONOPHORES
(NO) structure given in first source

746 CE see eprazinone

CF
(HM) CYCLOPHOSPHAMIDE
(HM) FLUOROURACIL
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

CFA-1 (fimbrial) see colonization factor antigens

CFA-II see colonization factor antigens

CFA synthase see cyclopropane synthetase

CFA-1 see colonization factor antigens

CFA-2 see colonization factor antigens

CFB protocol
(SY) CFB-protocol
(HM) CISPLATIN
(HM) FLUOROURACIL
(HM) BLEOMYCINS
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds; used in treatment of neoplasms of upper respiratory tract and digestive tract

CFB-protocol see CFB protocol

CFI see chemotactic factor inactivator

CFMPV protocol
(HM) CYCLOPHOSPHAMIDE
(HM) FLUOROURACIL
(HM) METHOTREXATE
(HM) PREDNISOLONE
(HM) VINCRISTINE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds; do not confuse with CMFVP which contains prednisone in place of prednisolone

CFP
(HM) CYCLOPHOSPHAMIDE
(HM) FLUOROURACIL
(HM) PREDNISONE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

CFPBOA see ((7-chloro-3-(2-fluorophenyl)-1,2-benzisoxazol-6-yl) oxy)acetic acid

C-fragment, endorphin see beta-endorphin

CFRHDP see poly-two composite

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Cfr13 I methylase
(RN) EC 2.1.1.-
(HM) *DNA (CYTOSINE-5-)-METHYLTRANSFERASE
(NO) modifies internal cytosine producing m(5)C (5'-GGNm(5)CC)

CFRP see plastic, carbon fiber reinforced

Cfr13 I see Sau96 I endonuclease

CF-SNP-MSH see MSH, N(alpha)-chlorotriazinylaminofluorescein-1-Ser-4-Nle-7-Phe-alpha-

CF 25397
(RN) 57935-49-6
(RR) 65530-40-7 (tartrate[1:1](8beta)-(R-(R*,R*))-isomer)
(RR) 64795-34-2 (di-HCl(8alpha)-isomer)
(RR) 58078-87-8 (unspecified tartrate(8beta)-(R-(R*,R*))-isomer)
(SY) CF-25397
(HM) *ERGOLINES
(NO) dopamine receptor agonist; RN given refers to (8beta)-isomer; RN for cpd without isomeric designation not in Chemline 2/1/84

CF-25397 see CF 25397

CGAPSGPTGAL see glutamyl-asparaginyl-prolyl-seryl-glutaminyl-phenylalanyl-tyrosyl-glutamyl-arginyl-leucyl- cysteinamide

CGAVLI see cyclo(glycyl-alanyl-valyl-leucyl-isoleucyl)

CGA 110755
(SY) CGA-110755
(HM) *THIOCYANATES
(PA) FILARICIDES
(NO) isothiocyanate microfilaricide; no other info available 8/84

CGA-110755 see CGA 110755

CGA 114635
(SY) CGA-114635
(HM) *PIPERAZINES
(PA) FILARICIDES
(NO) methyl piperazine macrofilaricide; no other info available 8/84

CGA-114635 see CGA 114635

CGA-72662 see CGA 72662

CGA 72662
(RN) 66215-27-8
(RR) 72393-96-5 (di-HCl)
(SY) N-cyclopropyl-1,3,5-triazine-2,4,6-triamine
(SY) 2-cyclopropylamino-4,6-diamino-s-triazine
(SY) CGA-72662
(SY) larvadex
(SY) N-cyclopropylmelamine
(SY) vetrazin
(HM) *TRIAZINES
(PA) INSECTICIDES
(II) JUVENILE HORMONES
(NO) RN given refers to parent cpd

CG-dinucleotide see cytosine-guanine dinucleotide

CG-10213-Go see Go 10213

C gladiata DC lectin see Canavalia gladiata DC Lectin

cGMP-binding protein see cyclic GMP-binding protein

cGMP-dependent protein kinase protein modulator see protein kinase modulator

cGMP receptors see cyclic GMP-binding protein

CgOse(3)Cer-II see gangliotriaosylceramide 3'-sulfate

C-9333-Go see amoscanate

C 9333-Go see amoscanate

1-CGPE see 4-O-(3,4-O-(1-carboxyethylidene)-beta-galactopyranosyl)erithritol

CGPTL-LHRH see LHRH, 1,6-cyclo(Ac-Glu(1)-Phe(2)-Trp(3)-Lys(6)-

CGP 10,000 see 10,11-dihydro-10,11-dihydroxy-5H-dibenzazepine-5-carboxamide

CGP-10,000 see 10,11-dihydro-10,11-dihydroxy-5H-dibenzazepine-5-carboxamide

CGP 11,112 see 1-((4-(2-(crotonylamino)ethyl)phenyl)sulfonyl)-3-cyclohexyl-2-iminoimidazolidine

CGP-11112 see 1-((4-(2-(crotonylamino)ethyl)phenyl)sulfonyl)-3-cyclohexyl-2-iminoimidazolidine

CGP 11305A see CGP 11305 A

CGP-11305 A see CGP 11305 A

CGP 11305 A
(RN) 63638-90-4
(SY) 4-(5-methoxy-7-bromobenzofuranyl)-?-piperidine
(SY) CGP-11305 A
(SY) CGP 11305A
(SY) brofaremine
(HM) *PIPERIDINES
(PA) MONOAMINE OXIDASE INHIBITORS
(NO) short-acting specific type A monoamine oxidase inhibitor; structure given in first source

CGP 11952
(SY) CPG-11952
(HM) *BENZOPHENONES
(NO) structure given in first source

CGP-12177 see CGP 12177

CGP 12177
(RN) 81497-27-0
(SY) 4-(3-tert-butylamino-1-hydroxypropoxy) benzimidazole-2-one
(SY) CGP-12177
(HM) *PROPANOLAMINES
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS

CGP-15425 see somatostatin, cyclo(GABA-5-Asn-6,7-Phe-8-Trp-9-Lys-10-Thr-11-Phe)-

CGP 15425 see somatostatin, cyclo(GABA-5-Asn-6,7-Phe-8-Trp-9-Lys-10-Thr-11-Phe)-

CGP 15720A see CGP 15720 A

CGP-15720A see CGP 15720 A

CGP-15720 A see CGP 15720 A

CGP 15720 A
(RN) 73998-69-3
(RR) 73998-70-6 (HCl)
(SY) 1-(2-(2-(4-pyridyl)-2-imidazoline-1-yl)ethyl)-3-(4-carboxyphenyl)urea
(SY) CGP 15720A
(SY) CGP-15720 A
(SY) CGP-15720A
(HM) *PHENYLUREA COMPOUNDS
(PA) ANTINEOPLASTIC AGENTS
(NO) RN given refers to parent cpd; structure in first source

CGP 18137A
(RN) 96991-22-9
(SY) CGP-18137-A
(SY) 2-hydrazino-5-n-butylpyridine
(HM) *HYDRAZINES
(PA) VASODILATOR AGENTS
(NO) renal vasodilator agent with natriuretic properties; structure given in first source; RN given refers to di-HCl; RN for parent cpd not available 7/85

CGP-18137-A see CGP 18137A

CGP 22979A
(RN) 96558-25-7
(SY) CGP-22979-A
(SY) N-acetylglutamic acid-N-(N(2)-(5-n-butyl-2-pyridyl)hydrazide)
(HM) *HYDRAZINES
(PA) VASODILATOR AGENTS
(NO) renal vasodilator agent with natriuretic properties; structure given in first source; RN given refers to NH3 salt; RN for parent cpd not available 7/85

CGP-22979-A see CGP 22979A

CGP 23996
(RN) 86170-12-9
(SY) CGP-23996
(SY) somatostatin, 1-des-Ala-2-Gly-desamino-3-Cys-(11-Tyr)-3,14-dicarba-
(SY) somatostatin, des-alanyl-2-glycyl-desamino-3-cysteinyl-(11-tyrosyl)-3,14-dicarba-
(SY) 1-des-Ala-2-Gly-desamino-3-Cys-(11-Tyr)-3,14-dicarba-somatostatin
(SY) 1-des-alanyl-2-glycyl-desamino-3-cysteinyl-(11-tyrosyl)-3,14-dicarba-somatostatin
(HM) SOMATOSTATIN/*analogs
(NO) nonreducible analog of somatostatin; used to test binding sites for somatostatin

CGP-23996 see CGP 23996

CGP 2616 see Ministat

CGP 28392
(SY) CGP-28392
(HM) *PYRIDINES
(PA) CALCIUM CHANNEL BLOCKERS
(NO) structure given in first source

CGP-28392 see CGP 28392

CGP 29287
(SY) CGP-29,287
(HM) RENIN/*antag
(NO) contains statine; no other information available 7/85; see also record for renin inhibitory peptide, statine

CGP-29,287 see CGP 29287

CGP 31523A
(RN) 94788-63-8
(SY) CGP-31523A
(SY) 7-B((2,5)-2-(2-aminothiazol-4-yl)-2,4-formamido-acetamido)-3-((1.2,3-thiadiazol-5-yl-thiomethyl))-3-cephem-4-carboxylic acid
(HM) *CEPHALOSPORINS
(NO) structure given in first source

CGP-31523A see CGP 31523A

CGP 354E see bicozamycin

CGP 3543E see bicozamycin

CGP 361
(SY) CGP-361
(HM) *ADRENERGIC BETA RECEPTOR BLOCKADERS
(NO) no other info available 5/31/83

CGP-361 see CGP 361

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CGP-4540 see amoscanate

CGP 4540 see amoscanate

CGP 4718 A
(RN) 54403-20-2
(SY) CGP-4718A
(SY) 4-(5-chlorobenzofuranyl-2)-1-methylpiperidine HCl
(HM) *PIPERIDINES
(PA) ANTIDEPRESSIVE AGENTS
(NO) structure given in first source; RN given refers to HCl; RN for parent cpd not in Chemline 7/85

CGP-4718A see CGP 4718 A

CGP-6085 see CGP 6085

CGP 6085
(RN) 54402-50-5
(RR) 54403-28-0 (HCl)
(SY) CGP 6085A
(SY) CGP-6085
(HM) *PIPERIDINES
(PA) SEROTONIN ANTAGONISTS
(NO) selective inhibitor of serotonin uptake in rat brain; NM refers to HCl; RN given refers to parent cpd; structure

CGP 6085A see CGP 6085

CGP 6258
(SY) CGP-6258
(SY) 5-benzoyl-2,3-dihydro-6-hydroxy-1H-indene-1-carboxylic acid
(HM) *INDENES
(PA) ANALGESICS
(NO) structure given in first source

CGP-6258 see CGP 6258

CGP 6809
(RN) 84069-38-5
(SY) CGP-6809
(HM) *NITROSOUREA COMPOUNDS
(PA) ANTINEOPLASTIC AGENTS

CGP-6809 see CGP 6809

CGP 8065
(SY) CGP-8065
(SY) N-(4-(4'-nitroanilino)phenyl) S-(beta-carboxyethyl)dithiocarbamate
(HM) *THIOCARBAMATES
(PA) ANTHELMINTICS

CGP-8065 see CGP 8065

CGP8716 see CGP 8716

CGP 8716
(RN) 84782-21-8
(SY) CGP-8716
(SY) CGP8716
(HM) *IMIDAZOLES
(NO) major metabolite of GP53,633; structure given in first source

CGP-8716 see CGP 8716

CGP-9000 see CGP 9000

CGP 9000
(RN) 51762-05-1
(SY)
7-(D-2-amino-2-(1,4-cyclohexadienyl)acetamido)-3-methoxy-3-cephem-4-carboxylic acid
(SY) cefroxadine
(SY) cefroxadin
(SY) CGP-9000
(HM) *CEPHRADINE/analogs
(NO) orally active, broad spectrum cephalosporin

CGRP see calcitonin gene related peptide

CGS 10078B
(SY) CGS-10078-B
(SY) 1-(2,3-dihydro-1,4(25)-benzodioxin-2-yl)-5-(2,3-dihydro-1,4-benzodioxin-2-yl)-3-aza-1,5- pentanediol methanesulfonate
(HM) *DIOXINS
(PA) ADRENERGIC ALPHA RECEPTOR BLOCKADERS
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS
(PA) CALCIUM CHANNEL BLOCKERS

CGS-10078-B see CGS 10078B

CGS 13080
(RN) 85691-74-3
(SY) CGS-13080
(SY) imidazol(1,5-a)pyridine-5-hexanoic acid
(HM) *PYRIDINES
(HM) *IMIDAZOLES
(PA) THROMBOXANE SYNTHETASE/antag
(NO) structure given in first source

CGS-13080 see CGS 13080

CGS 13928C
(SY) CGS-13928-C
(SY) 1-(N-(1-ethoxycarbonyl)-3-phenyl-1S-propyl) alanyl-2,3-dihydro-2S-indole-2-carboxylate sodium
(HM) *INDOLES
(PA) KININASE II/antag
(NO) structure given in first source

CGS-13928-C see CGS 13928C

CGS 13934
(RN) 82950-75-2
(SY) CGS-13934
(SY) 1-(4-carboxy-2-methylpentanoyl)-2,3-dihydroindole-2-carboxylic acid
(HM) *INDOLES
(PA) KININASE II/antag
(NO) structure given in first source

CGS-13934 see CGS 13934

CGS 13945
(RN) 82924-03-6
(SY) CGS-13945
(SY) 1-(4-(ethoxycarbonyl)-2-methylpentanoyl)-2,3-dihydroindole-2-carboxylic acid
(HM) *INDOLES
(PA) KININASE II/antag
(NO) structure given in first source

CGS-13945 see CGS 13945

CGS 14824A
(SY) CGS-14824-A
(HM) *BENZAZEPINES
(PA) KININASE II/antag
(PA) ANTIHYPERTENSIVE AGENTS
(NO) structure given in first source

CGS-14824-A see CGS 14824A

CGS-4270 see CGS 4270

CGS 4270
(RN) 73631-29-5
(SY) 3-(3-amino-1,2,4-oxadiazol-5-yl)-5-chloro-2,6-pyrazinediamine
(SY) CGS-4270
(HM) *PYRAZINES
(PA) DIURETICS
(NO) structure given in first source

CGS 5391B
(RN) 59756-39-7
(SY) CGS-5391B
(HM) *BENZOTHIEPINS
(PA) LIPOXYGENASES/antag
(PA) PROSTAGLANDIN SYNTHASE/antag
(NO) RN given refers to mono-Na salt; RN for parent cpd not in Chemline 2/85

CGS-5391B see CGS 5391B

CGS 5677
(SY) CGS-5677
(HM) LIPOXYGENASES/*antag
(NO) no other info available 2/85

CGS-5677 see CGS 5677

CGS 7525A see aptazapine

CGS-7525A see aptazapine

CGS-8216 see CGS 8216

CGS 8216
(RN) 77779-60-3
(SY) 2-phenylpyrazolo(4,3-c)quinolin-3(5H)-one
(SY) CGS-8216
(HM) *PYRAZOLES
(PA) CONVULSANTS
(PA) BENZODIAZEPINES/antag

CGS 9895
(RN) 77779-50-1
(SY) CGS-9895
(SY)
2,5-dihydro-2-(4-methoxyphenyl)-3H-pyrazolo(4,3-c)quinolin-3-one
(HM) *PYRAZOLES

CGS-9895 see CGS 9895

CGS-9896 see CGS 9896

CGS 9896
(RN) 77779-36-3
(SY) 2-(4-chlorophenyl)-2,5-dihydropyrazolo(4,3-c) quinoline-3(3H)-one
(SY) CGS-9896
(HM) *PYRAZOLES
(NO) inhibits binding of benzodiazepine cpds to benzodiazepine receptors in the brain

cGTH see carp gonadotropin

CG 10
(SY) CG-10
(HM) NAPHTHACENES
(PA) ANTIBIOTICS
(NO) structure given in first source

CG-10 see CG 10

CG 11
(SY) CG-11
(HM) NAPHTHACENES
(PA) ANTIBIOTICS
(NO) structure given in first source

CG-11 see CG 11

CG 201 see bevonium

CG 3033 see supidimide

CG 3509
(RN) 62305-86-6
(SY) CG-3509
(SY) orotyl-histidyl-prolinamide
(SY) orotyl-His-Pro-NH2
(HM) THYROTROPIN RELEASING HORMONE/*analogs
(NO) increases dopamine release from rat brain

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CG-3509 see CG 3509

CG 3703 see PS-24

CG-3703 see PS-24

CG 4203
(RN) 87440-45-7
(SY) CG-4203
(SY) 2,3,4-trinor-1,5-inter-2-phenylene-6,9-epoxy-11,15-dihydroxy-15-dihydroxy-15-cyclohexyl-(16,17,18,19,20-pentanor)prosta-5,13-dienoate
(SY) sodium 2,3,4-trinor-1,5-2-phenylene-6,9-epoxy-11,15-dihydroxy-15-cyclohexyl-(16,17,18,19,20-pentanor)prosta-5,13-dienoate
(HM) *PROSTAGLANDINS X
(II) PROSTAGLANDINS, SYNTHETIC

CG-4203 see CG 4203

CG 635 see etiroxate

CG 97967
(RN) 88232-15-9
(SY) CG-97967
(HM) *OXIMES
(PA) ANTIFUNGAL AGENTS
(PA) FUNGICIDES, INDUSTRIAL
(NO) N-oxime ether mold inhibitor used in animal feed; no other info available 1/17/84

CG-97967 see CG 97967

CHACEA see cyclohexyl-2-acetoxyethyl-2'-chloroethylamine

CHADC see cycloheptaamylose-dansyl chloride complex

CHAD protocol see CPDD

chaetiacandin
(HM) GLYCOSIDES
(PA) ANTIBIOTICS, ANTIFUNGAL
(NO) anti-yeast antibiotic structurally related to papulacandin; mf C43-H60-O16; structure given in second source

chaetoglobosins
(RN) 50335-03-0
(RR) 50335-04-1 (chaetoglobosin B)
(RR) 50645-76-6 (chaetoglobosin C)
(RR) 55945-73-8 (chaetoglobosin D)
(RR) 55945-74-9 (chaetoglobosin E)
(RR) 55945-75-0 (chaetoglobosin F)
(HM) *INDOLES
(II) MYCOTOXINS
(NO) chaetoglobosins A-J; metabolites of Chaetomium species; RN given refers to chaetoglobosin A; structure

chaetomin see chetomin

chaksine
(RN) 486-53-3
(SY) chaksine iodide
(HM) *ALKALOIDS
(PA) ANTIFUNGAL AGENTS
(II) CASSIA
(NO) alkaloid from Indian medicinal herb Cassia absus with antifungal action at 0.5% concentration

chaksine iodide see chaksine

chalcone-flavanone isomerase see chalcone isomerase

chalcone isomerase
(RN) EC 5.5.1.6
(RR) 9073-57-8 (CRN)
(SY) chalcone-flavanone isomerase
(HM) *ISOMERASES

chalcone synthase see flavanone synthetase

chalepin
(RN) 13164-04-0
(RR) 33054-89-6 ((+-)-isomer)
(HM) *PSORALENS
(NO) furanocoumarin isolated from West African medicinal plant Clausena anisata; RN given refers to cpd without isomeric designation

chalone receptor
(SY) chalone receptors
(SY) receptor, chalone
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) CHALONES

chalone receptors see chalone receptor

chamazulene
(RN) 529-05-5
(SY) 7-ethyl-1,4-dimethylazulene
(HM) *CYCLOHEPTANES
(NO) structure

CHAMOCA regimen
(HM) DACTINOMYCIN
(HM) HYDROXYUREA
(HM) VINCRISTINE
(HM) CYCLOPHOSPHAMIDE
(HM) DOXORUBICIN
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds; used in treating choriocarcinoma

chamomile
(RN) 8002-66-2
(RR) 520-36-5 (chamomile)
(RR) 68916-68-7 (Moroccan chamomile oil)
(SY) chamomile oil
(SY) camomile oil German
(SY) German chamomile oil
(SY) Matricaria
(SY) kamiullosan
(HM) *OILS, VOLATILE
(HM) *PLANT EXTRACTS
(NO) RN given refes to German chamomile oil; German chamomile oil is 'synonymous to Matricaria in Merck Index, 9th ed, #5587

chamomile oil see chamomile

CHAMP-5
(HM) HEXAMETHYLMELAMINE
(HM) DOXORUBICIN
(HM) CISPLATIN
(HM) CYCLOPHOSPHAMIDE
(HM) METHOTREXATE
(HM) FLUOROURACIL
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) combination of above cpds; used in treatment of ovarian carcinoma

chandonium iodide
(RN) 54278-85-2
(SY) HS 310
(HM) *ANDROSTENES
(PA) NEUROMUSCULAR BLOCKING AGENTS
(NO) structure

chandramycin
(HM) PEPTIDES
(PA) ANTIBIOTICS
(NO) polypeptide isolated from Streptomyces lydicus in lesions of potato tubers

changrolin
(RN) 72063-47-9
(SY) 4-(3',5'-bis(N-pyrrolidinyl)methyl)-4'-hydroxyanilino)quinazoline
(HM) *QUINAZOLINES
(PA) ANTI-ARRHYTHMIA AGENTS
(NO) structure

chanoclavine
(RN) 2390-99-0
(RR) 479-04-9 (former CAS registry number)
(RR) 11012-16-1 (former CAS registry number)
(RR) 1466-08-6 ((4R-(4alpha,5alpha(E)))-isomer)
(RR) 1150-44-3 ((4R-(4alpha,5beta(Z)))-isomer)
(SY) chanoclavin-I
(SY) isochanoclavin
(HM) *ERGOLINES
(NO) RN given refers to (4R-(4alpha,5beta(E)))-isomer; structure

chanoclavin-I see chanoclavine

CHAP see CPDD

chaparrinone
(RN) 22611-34-3
(HM) *GLAUCARUBIN/analogs
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(II) CELL TRANSFORMATION, VIRAL/drug eff
(NO) quassinoid which inhibits protein sunthesis & DNA synthesis in cells; structure in first source

Chapman solution see Chapman's solution

Chapman's solution
(SY) Chapman solution
(HM) *HYPERTONIC SOLUTIONS
(NO) solution containing K+, Na+, Mg++, Cl-, PO4--, SO4--, HOC--- & dextrose as hyperosmolar agent for in situ hypothermic renal perfusion

CHAPS see 3-((3-cholamidopropyl)dimethylammonium)-1-propanesulfonate

CHAP-5 see CPDD

c-Ha-ras oncogene product p21 see c-Ha-ras oncogene proteins

c-Ha-ras oncogene proteins
(SY) c-Ha-ras p21
(SY) c-Ha-ras oncogene product p21
(SY) human H-ras (T-24) protein
(SY) p21 onc protein
(SY) p21 oncogene-encoded proteins
(HM) *NEOPLASM PROTEINS
(NO) p21 MW 21,000; derived from human bladder carcinoma; mutation alters this protein by converting its 12th amino acid glycine to valine

c-Ha-ras p21 see c-Ha-ras oncogene proteins

charatoxin
(RN) 75679-69-5
(SY) 4-methylthio-1,2-dithiolane
(HM) *THIOPHENES
(PA) INSECTICIDES, BOTANICAL
(NO) insecticide from algae Chara gloularis Thuillier; structure given in first source

Charcot-Leyden crystal protein
(HM) *GLYCOPROTEINS
(II) EOSINOPHILS
(II) CRYSTALLIZATION
(NO) protein with 1.2% carbohydrate, mol wt 13,000 from eosinophil-rich cell suspensions; also from basophils; immunochemically identical to eosinophil C-CL protein

chargerin I see chargerins

chargerin II see chargerins

chargerins
(SY) chargerin I
(SY) chargerin II
(HM) *MEMBRANE PROTEINS
(II) LIVER MITOCHONDRIA
(NO) negative charges on the outer surface of the mitochondrial inner membranes; hydrophobic proteins MW 8 and 13kDa

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chartreusin
(RN) 6377-18-0
(RR) 1393-74-4 (former CAS registry number)
(SY) lambdamycin
(HM) GLYCOSIDES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(PA) ANTIBIOTICS
(NO) structure

charybdotoxin see quinquestriatus toxin

chaulmoogra oil
(RN) 8001-74-9
(HM) *OILS
(PA) LEPROSTATIC AGENTS
(NO) major descriptor (66-85); on-line search OILS (66-85); Index Medicus search CHAULMOOGRA OILS (66-85)

chaulmoogric acid
(RN) 29106-32-9
(RR) 63937-26-8 (Na salt)
(HM) *FATTY ACIDS
(NO) component of CHAULMOOGRA OIL; RN given refers to parent cpd; structure

d(CH2)5AVP see vasopressin-(1-(beta-mercapto-beta,beta-cyclopentamethylenepropionic acid))Arg-

p(CHBr)ppA see 5'-adenylyl (beta,gamma-bromomethylene)diphosphonate

2-CHCHH see 2-(6-carboxyhexyl)cyclopentanone hexylhydrazone

CH3-S-coenzyme M see methyl coenzyme M

CHDDA see omega-cyclohexyldodecanoic acid

CHDETS see 1,2-cyclohexanedione bis(4-diethylenoxythiosemicarbazone)

cheA protein see methyl-accepting chemotaxis proteins

CHEB see 5-(2-cyclohexylidene-ethyl)-5-ethylbarbiturate

CheB methylesterase see chemotactic protein methylesterase

2-CHEHPA see 2-(2-cyclohexylethylhydrazono)propionic acid

chelatin
(HM) *METALLOPROTEINS

chelex
(RN) 80208-96-4
(HM) *POLYSTYRENES
(HM) *POLYVINYLS
(II) ION EXCHANGE RESINS
(II) CHELATING AGENTS

Chelex 100
(RN) 11139-85-8
(HM) *CHELATING AGENTS
(II) CATION EXCHANGE RESINS
(NO) no other information available 7/14/80

chelidamic acid
(RN) 138-60-3
(HM) *PYRIDONES
(PA) ANTIVIRAL AGENTS

chelocardin
(RN) 29144-42-1
(RR) 61389-35-3 (mono-Na salt(4R-(4alpha,4abeta,12abeta))-isomer)
(RR) 56433-46-6 (HCl(4R-(4alpha,4abeta,12abeta))-isomer)
(RR) 53228-00-5 ((4alpha,4abeta,12abeta)-isomer)
(SY) Abbott 40728
(SY) cetocycline
(SY) cetotetrine
(HM) *TETRACYCLINES
(NO) RN given refers to (4R-(4alpha,4abeta,12abeta))-isomer; RN for cpd without isomeric designation not in Chemline 2/1/84

chelon
(RN) 95685-74-8
(HM) *POLYCARBOXYLATE CEMENT
(II) GLASS IONOMER CEMENTS
(NO) poly(maleic acid)-based glass ionomer cement

chembond
(RN) 80399-72-0
(HM) *GLASS IONOMER CEMENTS

chemfil
(RN) 86438-26-8
(HM) *ALUMINUM SILICATES
(II) GLASS IONOMER CEMENTS
(NO) anhydrous glass ionomer cement combination of aluminosilicate glass powder & copolymer of acrylic & itaconic acids

Chemipen see phenethicillin

chemotactic factor inactivator
(SY) CFI
(HM) CHEMOTACTIC FACTORS/*antag
(II) AMINOPEPTIDASES
(NO) regulator of chemotactic mediators abnormally elevated in patients with liver cirrhosis & Hodgkin's disease; CFI isolated from human serum has inherent aminopeptidase activity

chemotactic factor, lymphocyte see lymphotactin

chemotactic factor, neutrophil
(SY) neutrophil chemotactic factor
(SY) neutrophil adherence-stimulating factor
(SY) NCF-A
(HM) *CHEMOTACTIC FACTORS
(NO) alveolar macrophage derived chemotactic factor that preferentially attracts neutrophils to the bronchial lumens after bronchoscopy; produced by stimulated lymphocytes in rheumatoid arthritis & acute alcoholic hepatitis; can affect neutrophil movement through inflamed lung

chemotactic inhibitory factor
(SY) eosinophil-directed chemotactic inhibitory factor
(HM) *LYMPHOKINES
(PA) CHEMOTACTIC FACTORS/antag
(NO) from mononuclear cells in patients suffering from hyperimmunoglobulin E-recurrent infection syndrome; protein MW appr. 61,000

chemotactic methylesterase see chemotactic protein methylesterase

chemotactic peptide receptor
(SY) formyl peptide chemotactic receptor
(SY) FPCTR
(SY) chemotactic peptide receptors
(SY) receptor, chemotactic peptide
(HM) *RECEPTORS, IMMUNOLOGIC
(II) OLIGOPEPTIDES

chemotactic peptide receptors see chemotactic peptide receptor

chemotactic protein methylesterase
(RN) EC 3.1.1.-
(RR) 69552-31-4 (CRN)
(SY) chemotactic methylesterase
(SY) carboxymethylesterase of chemotaxis
(SY) CheB methylesterase
(HM) *CARBOXYLIC ESTER HYDROLASES
(NO) demethylates methyl-accepting chemotaxis proteins

chemotaxis methyltransferase
(RN) EC 2.1.1.-
(SY) chemotaxis methyltransferase II
(HM) *METHYLTRANSFERASES
(NO) methylates methyl-accepting chemotaxis proteins when added to permeability cells; see also record for methyl-accepting chemotaxis proteins

chemotaxis methyltransferase II see chemotaxis methyltransferase

chenodeoxycholate sulfate conjugate
(RN) 39280-88-1
(SY) chenodeoxycholic acid sulfate conjugate
(SY) chenodeoxycholic acid 3-sulfate
(SY) chenodeoxycholate 3-sulphate
(SY) CDCS
(HM) CHENODEOXYCHOLIC ACID/*analogs
(NO) ester not salt of chenodeoxycholic acid; major product of enzymatic sulfation of chenodeoxycholic acid

chenodeoxycholate 3-sulphate see chenodeoxycholate sulfate conjugate

chenodeoxycholic acid sulfate conjugate see chenodeoxycholate sulfate conjugate

chenodeoxycholic acid 3-sulfate see chenodeoxycholate sulfate conjugate

chenooxazoline
(RN) 80724-93-2
(RR) 88980-02-3 ((3alpha,5beta,7beta)-isomer)
(RR) 85317-48-2 ((3alpha,7alpha)-isomer)
(SY) ursodeoxyoxazoline
(SY) 2-(3 alpha,7 beta-dihydroxy-24-nor-5 beta-cholanyl)-4,4-dimethyl-2-oxazoline
(HM) *CHOLANES
(II) BACTERIA/drug eff
(NO) RN given refers to (3alpha,5beta,7alpha)-isomer; RN for cpd without isomeric designation not in Chemline 9/84; structure given in first source

cheR protein see methyl-accepting chemotaxis proteins

chetomin
(RN) 1403-36-7
(RR) 35808-58-3 (former CAS registry number)
(SY) chaetomin
(HM) *ANTIBIOTICS
(II) MYCOTOXINS

C 3a-hexapeptide see complement 3a-hexapeptide

C3a-hexapeptide see complement 3a-hexapeptide

cheY protein see methyl-accepting chemotaxis proteins

CHF
(HM) CYCLOPHOSPHAMIDE
(HM) HEXAMETHYLMELAMINE
(HM) FLUOROURACIL
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above 3 cpds

CHG-Ala-Arg-pNA see cyclohexylglycyl-alanyl-arginine-4-nitroanilide

CH(3)HgOH see methylmercury hydroxide

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chicamycin A
(SY) 1,2,3,10,11a-pentahydro-2,8-dihydroxy-7,11-dimethoxy-5H-pyrrolo(2,1-c)(1,4)-benzodiazepin- 5-one
(HM) BENZODIAZEPINES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) structure given in second source

chicamycin B
(SY) 1,2,3,11a-tetrahydro-2,8-dihydroxy-7-methoxy-5H-pyrrolo(2,1-c)(1,4)-benzodiazepin-5-one
(HM) BENZODIAZEPINES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) structure given in second source

chicken fetal antigen see Ia-like antigens, avian

chicken hemoglobin-binding protein see hemoglobin-binding protein

chicken Ia antigen see Ia-like antigens, avian

chicken Ia-like antigens see Ia-like antigens, avian

chicken ovoinhibitor see ovoinhibitor

chimcoccide
(SY) 1,3-bis(benzylideneamino)guanidine
(HM) *GUANIDINES
(PA) COCCIDIOSTATS
(NO) structure given in first source

chimeramycin A
(RN) 87084-47-7
(HM) *LEUCOMYCINS
(NO) structure given in first source

chimeramycin B
(RN) 87092-83-9
(HM) *LEUCOMYCINS
(NO) structure given in first source

chimyl alcohol
(RN) 53584-29-5
(RR) 6145-69-3 ((+-)-isomer)
(RR) 506-03-6 ((+)-isomer)
(RR) 31605-77-3 (cpd with unspecified locant)
(SY) glyceryl-1-palmityl ether
(SY) testriol
(SY) alpha-hexadecylglyceryl ether
(HM) GLYCERIN/*analogs
(NO) RN given refers to cpd with specified locant & without isomeric designation; structure

chinese ink
(SY) India Ink
(HM) *DYES
(II) STAINS AND STAINING

chinoin-103 see TE-176

chinoin 108 see KD-983

chinoin 123
(RN) 64405-40-9
(SY) 3-carbethoxy-6-methyl-9-carboxymethyl-4-oxo-6,7,8,9-tetrahydro-4H-pyrido(1,2-A)pyrimidine
(SY) CH-123
(SY) CH 123
(HM) *PYRIMIDINES
(PA) ANTICHOLESTEREMIC AGENTS

CHIP see dichlorobis(isopropylamine)dihydroxyplatinum IV

Chirasil-Val
(HM) *INDICATORS AND REAGENTS
(NO) used in gas chromatography for quantitative analysis of chiral cpds; no other info available 5/84

chiriquitoxin
(RN) 61132-15-8
(HM) TETRODOTOXIN/*analogs
(II) AMPHIBIAN VENOMS
(NO) natural analog of tetrodotoxin isolated from Central American frog Atelopus chiriquensis

chitinovorin A
(SY) chitinovorin-A
(HM) *CEPHALOSPORINS
(NO) beta-lactam antibiotic isolated from Flavobacterium chitinovorum sp. noc.; MF:C26-H41-N9-O11-S; structure given in first source

chitinovorin-A see chitinovorin A

chitinovorin B
(SY) chitinovorin-B
(HM) *CEPHALOSPORINS
(NO) beta-lactam antibiotic isolated from Flavobacterium chitinovorum sp. noc.; MF: C29-H46-N10-O12-S; structure given in first source

chitinovorin-B see chitinovorin B

chitinovorin C
(SY) chitinovorin-C
(HM) *CEPHALOSPORINS
(NO) beta-lactam antibiotic isolated from Flavobacterium chitinovorum sp. noc.; MF: C15-H20-N4-O8-S; structure given in first source

chitinovorin-C see chitinovorin C

chitinovorin D
(SY) chitinovorin-D
(HM) *CEPHALOSPORINS
(NO) from Flavobacterium; structure given in first source

chitinovorin-D see chitinovorin D

chitobiose
(RN) 577-76-4
(HM) *GLUCANS

chitosan
(RN) 9012-76-4
(HM) CHITIN/*analogs
(PA) HEMOSTATICS
(II) CHELATING AGENTS
(NO) split product of chitin; deacetylated natural chelating beta-1,4-linked glucosamine polymer

chitotetrose
(RN) 5567-52-2
(HM) *TETROSES
(NO) isolated from acid hydrolysates of chitin

chitotriose
(RN) 41708-93-4
(HM) *TRISACCHARIDES

chlamydocin
(RN) 53342-16-8
(HM) PEPTIDES, CYCLIC
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) structure

CH lectin see Cepaea hortensis lectin

Chlophedianol see clofedanol

chloracetadol
(RN) 15687-05-5
(SY) 4-acetylamino-1-phenoxy-2,2,2-trichloroethanol
(HM) ACETAMINOPHEN/*analogs
(PA) ANALGESICS, ANTI-INFLAMMATORY
(NO) structure given in first source

chloracetamide see chloroacetamide

chloracetophon
(RN) 81406-06-6
(HM) *ORGANOPHOSPHORUS COMPOUNDS
(PA) INSECTICIDES, ORGANOPHOSPHATE

chloracetophos
(RN) 5952-41-0
(HM) TRICHLORFON/*analogs
(II) OINTMENTS

chloracizine
(RN) 800-22-6
(RR) 1045-82-5 (HCl)
(RR) 51165-60-7 (methiodide)
(SY) chloracyzine
(HM) *PHENOTHIAZINES
(PA) PARASYMPATHOLYTICS
(PA) VASODILATOR AGENTS
(NO) RN given refers to parent cpd; structure

chloracon see beclamide

chloractamide-N-metholol see N-methylol-chloracetamide

chloracyzine see chloracizine

chloral see trichloroacetaldehyde

chloramben see Amiben

chloramin B see chloramine-B

chloramine
(RN) 10599-90-3
(SY) monochloramine
(HM) *CHLORAMINES

chloramine s-id see IRX 1767

chloramine-B
(RN) 80-16-0
(RR) 16917-11-6 (Li salt)
(RR) 127-52-6 (Na salt)
(RR) 17338-33-9 (K salt)
(SY) chloramin B
(SY) N-chlorobenzenesulfonamide
(HM) *CHLORAMINES
(II) DISINFECTANTS
(NO) RN given refers to parent cpd

chloramine hemisuccinate see IRX 1775

chloramine T see chloramine-T

chloramine-T
(RN) 144-86-5
(RR) 86559-71-9 (36Cl-labeled cpd Na salt)
(RR) 127-65-1 (Na salt)
(SY) sodium p-toluenesulfonchloramide
(SY) (N-chloro-p-toluenesulfonamide)sodium
(SY) chloramine T
(SY) euclorina
(HM) *CHLORAMINES
(PA) ANTI-INFECTIVE AGENTS, LOCAL
(II) DISINFECTANTS
(II) REAGENTS
(NO) RN given refers to unlabeled parent cpd

1-chloramitriptyline see 1-chloroamitriptyline

chloramphenicol acetyltransferase
(RN) EC 2.3.1.28
(RR) 9040-07-7 (CRN)
(SY) chloramphenicol transacetylase
(HM) *ACETYLTRANSFERASES

chloramphenicol base see 1-(4'-nitrophenyl)-2-aminopropane-1,3-diol

chloramphenicol, 3-fluoro see Sch 24893

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chloramphenicol glucuronide
(RN) 39751-33-2
(HM) CHLORAMPHENICOL/*analogs
(NO) RN given refers to cpd with unspecified glycoside-locant

chloramphenicol hemisuccinate see chloramphenicol succinate

chloramphenicol monopalmitate see chloramphenicol palmitate

chloramphenicol palmitate
(RN) 530-43-8
(RR) 28471-01-4 (monopalmitate)
(RR) 64844-71-9 (mono-NH4 salt)
(RR) 64817-21-6 (di-NH4 salt)
(SY) chloramphenicol monopalmitate
(HM) CHLORAMPHENICOL/*analogs
(NO) RN given refers to ((R-(R*,R*))-isomer); RN for parent cpd without isomeric designation not in Chemline 7/6/83

chloramphenicol sodium succinate see chloramphenicol succinate

chloramphenicol succinate
(RN) 3544-94-3
(RR) 982-57-0 (succinate Na salt)
(SY) chloramphenicol sodium succinate
(SY) chloramphenicol hemisuccinate
(SY) levomycetin succinate
(HM) CHLORAMPHENICOL/*analogs
(NO) inactive precursor of chloramphenicol; used for parenteral administration of chloramphenicol; RN given refers to (R-(R*,R*))-isomer; RN for cpd without isomeric designation not in Chemline 7/6/83

chloramphenicol transacetylase see chloramphenicol acetyltransferase

o-chloranil see 2-chloranil

2-chloranil
(RN) 2435-53-2
(SY) 3,4,5,6-tetrachloro-1,2-benzoquinone
(SY) o-chloranil
(HM) *CHLORANIL/analogs

chlorantine fast red 6BLL
(RN) 1937-34-4
(SY) sirius supra red 4BL
(HM) *AZO COMPOUNDS
(HM) *NAPHTHALENESULFONATES
(II) DYES

chlorauric acid see gold trichloride, acid

chlorazanil
(RN) 500-42-5
(HM) *TRIAZINES
(PA) DIURETICS

chlorazol black E see direct black 3

chlorazole fast pink 2BL see chlorazol fast pink

chlorazol fast pink
(RN) 25255-10-1
(RR) 2829-43-8 (tetra-Na salt)
(SY) benzo fast pink 2BL
(SY) chlorazole fast pink 2BL
(HM) *AZO COMPOUNDS
(PA) ANTICOAGULANTS
(PA) COMPLEMENT INACTIVATORS
(II) DYES
(NO) chlorazol fast pink refers to tetra-Na salt; RN given refers to parent cpd; structure given in first source; cpd not in Chemline 7/6/83

chlorbromuron
(RN) 13360-45-7
(SY) Maloran
(HM) *METHYLUREA COMPOUNDS
(PA) HERBICIDES, UREA
(NO) structure

chlorbufam
(RN) 1967-16-4
(SY) 1-butyn-3-yl 3-chlorophenylcarbamate
(HM) *CARBAMATES
(PA) HERBICIDES, CARBAMATE

chlorcaoutchouc
(SY) chlorkautchuk
(HM) *RUBBER

chlorcyanurate see troclosene

chlordecone alcohol
(RN) 1034-41-9
(SY) reduced kepone
(HM) *KEPONE/analogs
(NO) metabolite of kepone in humans; present in bile as its glucuronide conjugate

chlordene
(RN) 3734-48-3
(HM) CHLORDAN/*analogs
(NO) found in chlordan & is also a metabolite of chlordan

chlordesine see troclosene

chlordesmethyldiazepam
(RN) 2894-67-9
(SY) 7-chloro-5-(2-chlorophenyl)-1,3-dihydro-2H-1,4-benzodiazepin-2-one
(SY) chlorodesmethyldiazepam
(SY) 2'-chloronordiazepam
(HM) DEMETHYLDIAZEPAM/*analogs
(PA) BENZODIAZEPINE TRANQUILIZERS

chlordezine see troclosene

chlordiazon see pyrazon

Chlorex see bis(2-chloroethyl)ether

chlorexolone see clorexolone

chlorfenac
(RN) 85-34-7
(RR) 2439-00-1 (Na salt)
(RR) 69178-44-5 (cpd with chlorine locant only specified in position 2)
(SY) 2,3,6-trichlorophenylacetic acid
(HM) *PHENYLACETATES
(PA) HERBICIDES
(NO) RN given refers to parent cpd

chlorfenethazine
(RN) 2095-24-1
(RR) 22632-00-4 (HCl)
(SY) elroquil
(SY) chlorphenethazine
(SY) marophen
(HM) CHLORPROMAZINE/*analogs
(PA) PHENOTHIAZINE TRANQUILIZERS
(NO) RN given refers to parent cpd; synonym elroquil refers to HCl; structure

chlorfenson see ovex

chlorferon see chlorferron

chlorferron
(RN) 6174-86-3
(SY) 3-chloro-4-methyl-7-hydroxycoumarin
(SY) chlorferon
(HM) *UMBELLIFERONES
(NO) metabolite of coumaphos

chlorhexamed see chlorhexidine gluconate

chlorhexidine digluconate see chlorhexidine gluconate

chlorhexidine gluconate
(RN) 18472-51-0
(SY) chlorhexamed
(SY) hibisol
(SY) Hibiscrub
(SY) Corsodyl ICI
(SY) chlorhexidine digluconate
(SY) gibitan
(SY) 1,1'-HBCB
(HM) CHLORHEXIDINE/*analogs
(II) AEROSOLS

chlorhydroxyquinoline see halquinol

chloridarol see clobenfurol

chloridazon see pyrazon

chloridazon-catechol dioxygenase see catechol-2,3-dioxygenase

chloridazondihydrodiol dehydrogenase
(RN) EC 1.3.1.-
(HM) *OXIDOREDUCTASES
(NO) converts chloridazondihydrodiol to a catechol

chloride-bicarbonate ATPase see bicarbonate ATPase

chloride-dependent arginine aminopeptidase see arginine aminopeptidase

chloride-hydroxide antiporter
(SY) chloride-hydroxide exchanger
(SY) Cl(-)-OH(-)-exchanger
(SY) Cl(-)-HCO3(-)-exchanger
(HM) *CARRIER PROTEINS
(II) MEMBRANE PROTEINS

chloride-hydroxide exchanger see chloride-hydroxide antiporter

chlorin
(RN) 2683-84-3
(RR) 37654-28-7 (ion(1-))
(HM) *PORPHYRINS
(NO) RN given refers to parent cpd; structure

chlorinated dibenzofurans
(SY) polychlorinated dibenzofurans
(HM) *BENZOFURANS
(NO) use for chlorinated dibenzofurans in general; see also specific chlorinated dibenzofurans

chlorinated lime see calcium hypochlorite

chlorine dioxide
(RN) 10049-04-4
(RR) 42929-74-8 (17O-labeled cpd)
(RR) 31857-91-7 (35Cl-labeled cpd)
(RR) 23221-87-6 (37Cl-labeled cpd)
(RR) 53839-08-0 (monohydrate)
(RR) 71977-25-8 (35Cl,1-(18)O-labeled cpd)
(RR) 71977-26-9 (37Cl,1-(18)O-labeled cpd)
(SY) alcide
(HM) *CHLORINE
(HM) *OXIDES
(II) DISINFECTANTS
(NO) equal or superior to chlorine when used as wastewater disinfectant; RN given refers to unlabeled cpd

chlorine oxide (ClO) see chlorosyl

chlorite
(RN) 1318-59-8
(SY) sodium chlorite
(HM) *CHLORIDES

chlorite oxidized oxyamylose see oxyamylose

chlorkautchuk see chlorcaoutchouc

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chlormadinone-17-acetate 3 beta-hemisuccinate
(SY) CMA-succinate
(HM) CHLORMADINONE/*analogs
(NO) structure given in first source

chlormetacrine see acranil

chlormethiazole ethanedisulfonate
(RN) 1867-58-9
(SY) heminevrin
(SY) clomethiazole edisylate
(HM) CHLORMETHIAZOLE/*analogs
(NO) used in therapy of delirium tremens

chlormidazole
(RN) 3689-76-7
(SY) mycopolycid
(HM) *BENZIMIDAZOLES
(PA) ANTIFUNGAL AGENTS
(NO) structure

chlornaltrexamine
(RN) 67025-94-9
(RR) 67025-98-3 (HCl)
(SY) 6 beta-(N,N-bis(2-chloroethyl)amino)-17-(cyclopropylethyl)-4,5 alpha-epoxy-3,14- dihydroxy morphinan
(SY) alpha-chlornaltrexamine
(SY) beta-chlornaltrexamine
(HM) NALTREXONE/*analogs
(PA) NARCOTIC ANTAGONISTS
(NO) RN given refers to (5alpha,6beta)-isomer; cpd without isomeric designation not in Chemline 7/6/83

chlornaphazin
(RN) 494-03-1
(HM) *NITROGEN MUSTARD COMPOUNDS
(NO) structure

chloroacetaldehyde
(RN) 107-20-0
(RR) 65703-76-6 (unspecified hydrate)
(SY) 2-chloroacetaldehyde
(HM) ACETALDEHYDE/*analogs
(NO) RN given refers to parent cpd; structure

2-chloroacetaldehyde dehydrogenase
(RN) EC 1.2.1.-
(HM) *ALDEHYDE OXIDOREDUCTASES
(NO) NAD-dependent

2-chloroacetaldehyde see chloroacetaldehyde

chloroacetamide
(RN) 79-07-2
(SY) chloracetamide
(HM) *ACETAMIDES

chloroacetate see chloroacetic acid

chloroacetate esterase
(RN) EC 3.1.1.-
(HM) *CARBOXYLIC ESTER HYDROLASES

2-chloroacetate halidohydrolase see haloacetate dehalogenase

chloroacetic acid
(RN) 79-11-8
(RR) 14526-03-5 (ion(1-))
(RR) 7748-25-6 (K salt)
(RR) 41765-53-1 (K[2:1] salt)
(RR) 3926-62-3 (Na salt)
(RR) 53148-41-7 (Na[2:1] salt)
(RR) 58570-84-6 (Na[5:2] salt)
(RR) 59499-25-1 (Al salt)
(RR) 15455-96-6 (NH4 salt)
(RR) 17424-02-1 (NH4[2:1] salt)
(RR) 15574-51-3 (Ca salt)
(RR) 55806-38-7 (Ca[3:1] salt)
(RR) 55806-37-6 (Ag salt)
(SY) chloroacetate
(SY) monochloracetic acid
(HM) *ACETIC ACIDS
(NO) urinary metabolite of vinyl chloride; RN given refers to parent cpd; structure

chloroacetol phosphate
(RN) 23743-97-7
(RR) 55765-29-2 (mono-Na salt)
(SY) 1-chloro-3-hydroxy-2-propanone dihydrogen phosphate
(HM) *ORGANOPHOSPHORUS COMPOUNDS
(NO) minor descriptor (75-85); on-line & Index Medicus search ORGANOPHOSPHORUS COMPOUNDS (75-85); RN given refers to parent cpd

chloroacetone
(RN) 78-95-5
(HM) ACETONE/*analogs
(NO) structure

2-chloro-p-acetotoluidide see 2-chloro-4-acetotoluidine

2-chloro-4-acetotoluidine
(RN) 16634-82-5
(SY) 2-chloro-p-acetotoluidide
(HM) *TOLUIDINES
(PA) PESTICIDES

chloroacetylajmaline see 17-monochloroacetylajmaline

1-(5-chloroacetylaminobenzofuran-2-yl)-2-isopropylaminoethanol see Ro 03-7894

chloroacetyl chloride
(RN) 79-04-9
(HM) *ACETIC ACIDS

chloroacetyl CoA see chloroacetyl coenzyme A

chloroacetyl coenzyme A
(RN) 34201-15-5
(SY) chloroacetyl CoA
(SY) coenzyme A, chloroacetyl
(HM) ACETYL COENZYME A/*analogs

3-chloroacetylpyridine adenine dinucleotide phosphate
(SY) CAPADP
(HM) NADP/*analogs
(NO) structure

3-chloroacetylpyridine-adenine dinucleotide
(RN) 39938-03-9
(SY) CAPAD
(HM) NAD/*analogs
(II) AFFINITY LABELS

2-chloroacrylonitrile
(RN) 920-37-6
(SY) alpha-chloroacrylonitrile
(HM) *ACRYLONITRILE/analogs
(NO) structure given in first source

2-chloroadenosine
(RN) 146-77-0
(HM) ADENOSINE/*analogs
(PA) MUSCLE RELAXANTS, CENTRAL

3-chloro-D-alanine chloride-lyase (deaminating) see 3-chloro-D-alanine hydrogen chloride-lyase

3-chloro-D-alanine hydrogen chloride-lyase
(RN) EC 4.5.-
(SY) CAHC-lyase
(SY) 3-chloro-D-alanine chloride-lyase (deaminating)
(HM) *LYASES
(NO) Pseudomonas putida enzyme; forms cysteine from 3-chloro-D-alanine & hydrogen sulfide

3-chloroalanine see beta-chloroalanine

3-chloro-D-alanine see beta-chloroalanine

2-chloroallyl diethyldithiocarbamate see CDEC

1-(3-chloroallyl)-hexaminium chloride see quaternium-15

4-chloro-alpha,alpha,alpha-trifluoro-3,5- dinitrotoluene see 3,5-dinitro-4-chloro-alpha,alpha,alpha- trifluorotoluene

4-chloro-alpha,alpha,alpha-trifluoro-3-nitrotoluene
(RN) 121-17-5
(RR) 42354-59-6 (radical ion)
(RR) 68984-07-6 (cpd with unspecified locants)
(SY) 4-chloro-3-nitrobenzotrifluoride
(HM) TOLUENE/*analogs
(NO) RN given refers to cpd with specified locants; structure in first source

4-chloro-alpha,alpha,alpha-trifluorotoluene
(RN) 98-56-6
(RR) 52181-51-8 (cpd with unspecified locants for chloride & trifluoromethyl moieties)
(SY) 4-CTT
(HM) TOLUENE/*analogs
(NO) RN given refers to cpd with specified locants for chloride & trifluoromethyl moieties; structure given in first source

2-chloro-6alpha, 9-difluoro-11beta, 17,21-trihydroxy-16alpha-methylpregna-1,4-dien-3,20-dione see halometasone

2-chloro-alpha-(2-dimethylaminoethyl)benzhydrol see clofedanol

8-chloro-alpha-methyl-3-dibenzofuranacetic acid see RO 21-5521

3-chloro-alpha-methyl-4-(1H-pyrrol-1-yl)benzeneacetic acid see GP 49689

1-(2-((4-chloro-alpha-phenylbenzyl)oxy)ethyl) piperidine see cloperastine

chloroaluminum phthalocyanine
(RN) 14154-42-8
(HM) *ORGANOMETALLIC COMPOUNDS
(PA) RADIATION SENSITIZING AGENTS

8-chloro-11-anti-aminobenzo(b)bicyclo(3.3.1)nona-3,6a (10a)-diene.HCl see Org 6582

2-chloro-4-aminobenzoic acid
(RN) 2457-76-3
(SY) 2-chloro-GABA
(SY) 4-amino-2-chlorobenzoic acid
(HM) GABA/*analogs
(NO) urinary metabolite of chloroprocaine

4-chloro-2-aminophenol see 2-amino-4-chlorophenol

2-chloro-10-(3-aminopropyl)phenothiazine see didemethylchlorpromazine

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5-chloroaminotoluene
(RN) 95-79-4
(HM) TOLUENE/*analogs
(NO) causes pathalogical conditions in animals & man

2-chloro-4-amino-1,3,5-triazine-6(5H)-one
(RN) 38862-29-2
(SY) CATO
(HM) *TRIAZINES

1-chloroamitriptyline
(RN) 52845-72-4
(RR) 51542-26-8 (HCl)
(SY) Ro 4-4318
(SY) 1-chloramitriptyline
(HM) AMITRIPTYLINE/*analogs
(PA) APPETITE DEPRESSANTS
(NO) RN given refers to parent cpd; structure

p-chloroanilline see 4-chloroaniline

2-chloroaniline
(RN) 95-51-2
(RR) 137-04-2 (HCl)
(HM) *ANILINE COMPOUNDS
(NO) RN given refers to parent cpd

4-chloroaniline
(RN) 106-47-8
(RR) 20265-96-7 (HCl)
(RR) 4084-48-4 (BF3[1:1] salt)
(SY) p-chloroaniline
(HM) *ANILINE COMPOUNDS
(NO) RN given refers to parent cpd; structure

chloroauric acid see gold trichloride, acid

7-chlorobenz(a)antiracene
(RN) 20268-52-4
(RR) 86329-59-1 (cpd with unspecified chlorine locant)
(HM) *ANTHRACENES
(NO) structure given in first source

chlorobenzene
(RN) 108-90-7
(SY) monochlorobenzene
(HM) *CHLOROBENZENES

N-chlorobenzenesulfonamide see chloramine-B

chlorobenzilate
(RN) 510-15-6
(HM) *BENZILATES
(PA) INSECTICIDES, ORGANOCHLORINE
(PA) CARCINOGENS
(NO) structure

4-chlorobenzoate dehalogenase
(RN) EC 3.8.1.-
(HM) *HYDROLASES
(NO) dehalogenates 4-chlorobenzoate to yield 4-hydroxybenzoate

3-chlorobenzoate see 3-chlorobenzoic acid

4-(5-chlorobenzofuranyl-2)-1-methylpiperidine HCl see CGP 4718 A

m-chlorobenzoic acid see 3-chlorobenzoic acid

3-chlorobenzoic acid
(RN) 535-80-8
(SY) 3-chlorobenzoate
(SY) meta-chlorobenzoate
(SY) m-chlorobenzoic acid
(HM) *CHLOROBENZOATES

4-chlorobenzoic acid
(RN) 74-11-3
(RR) 52009-47-9 (Ca[2:1] salt)
(RR) 3686-66-6 (Na salt)
(RR) 5690-62-0 (Hg(+1) salt)
(RR) 15516-76-4 (Hg(+2)[2:1] salt)
(RR) 50961-17-6 (11C-labeled cpd Na salt)
(RR) 26264-09-5 (cpd with unspecified chlorine locant)
(SY) para-chlorobenzoic acid
(HM) *CHLOROBENZOATES
(NO) RN given refers to parent cpd

N-((((5-chloro-2-benzothiazolyl)thio)phenyl)acetyl) cysteine see WY 45368

o-chlorobenzoyl-bovine gamma globulin see 2-chlorobenzoyl-bovine gamma globulin

2-chlorobenzoyl-bovine gamma globulin
(SY) OCB-BGG
(SY) o-chlorobenzoyl-bovine gamma globulin
(HM) *GAMMA GLOBULINS

2-o-chlorobenzoyl-4-chloro-N-methyl-N'-glycyl-glycinanilide see 2-(2-chlorobenzoyl)-4-chloro-N-methyl-N'-glycylglycinanilide

2-(2-chlorobenzoyl)-4-chloro-N-methyl-N'- glycylglycinanilide
(RN) 59179-95-2
(RR) 59179-96-3 (monooxalate)
(SY) 2-CBCMGGA
(SY) 45-0088-S
(SY) peptido-aminobenzophenone
(SY) 2-o-chlorobenzoyl-4-chloro-N-methyl-N'-glycyl-glycinanilide
(SY) 4-chloro-2-(o-chlorobenzoyl)-N-methyl-N(alpha)-glycylglycinanilide
(HM) GLYCINE/*analogs
(PA) TRANQUILIZING AGENTS, MINOR
(II) INDICATORS AND REAGENTS
(NO) used in the detection & analysis of pharmacologically active benzodiazepines; RN given refers to parent cpd; structure in first source

5-(4-chlorobenzoyl)-1,4-dimethyl-1H-pyrrole-2-acetate dihydrate see zomepirac

1-(4-chlorobenzoyl)-methyl-5-methoxy-3-indolylacetohydroxamic acid see oxamethacin

1-(2-(2-chlorobenzoyl)-4-nitrophenyl)-2-(diethylaminomethyl)imidazole see nizofenone

3-chloro-4-benzoyloxyphenylacetic acid see VUFB 9682

1-(4-chlorobenzoyl)piperazine-2,3-dicarboxylic acid
(SY) 1-CBPD
(HM) *PIPERAZINES
(PA) ANTICONVULSANTS
(NO) structure given in first source

1-[3-(4-chlorobenzoyl)propyl]-4-hydroxy-4-(4-chlorophenyl)piperidine
(RN) 59995-68-5
(RR) 59441-15-5 (HCl)
(SY) chlorohaloperidol
(HM) HALOPERIDOL/*analogs
(NO) RN given refers to parent cpd

N-(4-chlorobenzoyl)-L-tryptophan see benzotripte

5-(p-chlorobenzyl)-6-aminouracil see 5-(4-chlorobenzyl)-6-aminouracil

5-(4-chlorobenzyl)-6-aminouracil
(SY) 5-ClAU
(SY) 5-(p-chlorobenzyl)-6-aminouracil
(HM) URACIL/*analogs
(NO) structure given in first source

1-(4-chlorobenzyl)-1-cyclopentyl-3-phenylurea see pencycuron

S-(4-chlorobenzyl)-N,N-diethylthiocarbamate see benthiocarb

1-(3-chlorobenzyl)-3-ethylurea see lozilurea

1-p-chlorobenzyl-1H-indazole-3-carboxylic acid see AF 1312-TS

4-(p-chlorobenzyl)-2-(N-mehtylperhydroazepinyl-(4))-1-(2H)-phthalazinone see azelastine

o-chlorobenzylmercapturic acid see 2-chlorobenzylmercapturic acid

2-chlorobenzylmercapturic acid
(RN) 40379-72-4
(SY) o-chlorobenzylmercapturic acid
(HM) ACETYLCYSTEINE/*analogs
(NO) metabolite of 2-chlorobenzylidine malononitrile; structure given in first source

4-(4'-chlorobenzyloxy)benzoyl-coenzyme A
(SY) MII-CoA
(HM) *ACYL COENZYME A

4-(4'-chlorobenzyloxy)benzyl nicotinate see KCD 232

1-(1-(2-((3-chlorobenzyl)oxy)phenyl) vinyl)-1H-imidazole
(RN) 77175-51-0
(RR) 77174-66-4 (HCl)
(HM) *IMIDAZOLES
(PA) ANTIFUNGAL AGENTS
(NO) RN & structure given from first source for parent cpd

N-(4-chlorobenzyl)phenylalanine see BRL 26314

N-(p-chlorobenzyl)-N-(2-pyridyl)-N',N''-dimethylethylenediamine see chloropyramine

o-chlorobenzylsulfonamide see 2-chlorobenzylsulfonamide

2-chlorobenzylsulfonamide
(RN) 89665-79-2
(SY) o-chlorobenzylsulfonamide
(SY) ortho-CBSA
(HM) *SULFONAMIDES
(PA) ANTILIPEMIC AGENTS
(NO) potent hypolipidemic agent in rodent; shown to lower serum cholesterol & serum triglyceride levels in mice

6-4-chlorobenzyl-5H-2,3,6,7-tetrahydro-5,7- dioxothiazolo (3,2-a)pyrimidine see TEI 3096

5-(o-chlorobenzyl)-4,5,6,7-tetrahydrothieno(3,2-c) pyridine hydrochloride see ticlopidine

5-(2-chlorobenzyl)-5,6,7,7a-tetrahydro-4H-thieno(3,2-C)pyridine-2-one HCl see PCR 3787

5-(2-chlorobenzyl)-4,5,6,7-tetrahydrothieno(3,2-c) pyridine see ticlopidine

(4-(2-chlorobenzylthio)-1-methyl-1H-imidazo(4,5-c) pyridine) see EMD 39593

5-chloro-5 beta-cholestane see 5-chlorocholestane

D-4-chloro-17 beta-hydroxy-3-oxo-17 alpha-methylandrosta-1,4-diene see turinabol-oral

4-chloro-beta-phenethylamine see 4-chlorophenethylamine

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6-chloro-9 beta-D-ribofuranosylpurine-5'-triphosphate
(SY) CIRTP
(HM) ADENOSINE TRIPHOSPHATE/*analogs

chlorobiphenylols
(SY) chloro-hydroxybiphenyls
(SY) hydroxychlorobiphenyls
(HM) *BIPHENYL COMPOUNDS

3-chlorobiphenyl
(RN) 2051-61-8
(RR) 27323-18-8 (cpd with unspecified locant for chlorine)
(HM) *BIPHENYL COMPOUNDS
(NO) RN given refers to cpd with specified locant for chlorine

4-chlorobiphenyl
(RN) 2051-62-9
(HM) *BIPHENYL COMPOUNDS

4-chloro-2,6-bis(5-chloro-2-hydroxybenzyl)phenol see trichlorophene

1-chloro-2,2-bis(p-chlorophenyl)ethylene see DDMU

2-chloro-4,6-bis(isopropylamino)-s-triazine see propazine

1-chlorobutane see butyl chloride

5-(4'-chlorobutyl)picolinic acid see FD-008

8-chloro-cAMP see 8-chloro-cyclic adenosine monophosphate

8-chlorocarbochromen see AD 6

7-((chlorocarbonyl)methoxy)-4-methylcoumarin
(RN) 91454-65-8
(SY) 7-CCMMC
(HM) *COUMARINS
(II) FLUORESCENT DYES

7-(chlorocarbonylmethoxy)-4-methylcoumarin
(SY) 7-(CCM)-4-MC
(HM) *HYMECROMONE/analogs

chlorocardicin
(HM) *ANTIBIOTICS, LACTAM
(NO) from Streptomyces sp; structurally related to nocardicin A; structure given in first source

3-chlorocarpipramine
(RN) 47739-98-0
(RR) 28058-62-0 (di-HCl)
(RR) 65016-29-7 (di-HCl monohydrate)
(SY) Y-4153
(SY) clocapramine
(HM) *DIBENZAZEPINES
(PA) TRANQUILIZING AGENTS
(NO) RN given refers to parent cpd; structure

chlorocatechol 1,2-dioxygenase
(RN) EC 1.13.11.-
(HM) *OXYGENASES
(NO) forms 2,4-dichloromuconate

4-chlorocatechol
(RN) 2138-22-9
(RR) 25167-86-6 (cpd with unspecified chlorine locant)
(HM) *CATECHOLS

4-chloro-2-(o-chlorobenzoyl)-N-methyl-N(alpha)-glycylglycinanilide see 2-(2-chlorobenzoyl)-4-chloro-N-methyl-N'-glycylglycinanilide

trans-2-chloro-3-(chloromethyl)oxirane see 2-chloro-3-(chloromethyl)oxirane

cis-2-chloro-3-(chloromethyl)oxirane see 2-chloro-3-(chloromethyl)oxirane

2-chloro-3-(chloromethyl)oxirane
(RN) 66826-72-0
(RR) 66826-73-1 ((trans)-isomer)
(SY) 1,3-dichloropropene oxide
(SY) cis-2-chloro-3-(chloromethyl)oxirane
(SY) trans-2-chloro-3-(chloromethyl)oxirane
(HM) *EPOXY COMPOUNDS
(PA) CARCINOGENS
(NO) RN given refers to (cis)-isomer; RN for cpd without isomeric designation not in Chemline 7/29/83; structure given in first source

N-(5-chloro-4((4-chlorophenyl)cyanomethyl)-2-methylphenyl)-2-hydroxy-3,5-diiodobenzamide see closantel

7-chloro-5-(2-chlorophenyl)-1,3-dihydro-2H-(1,4)-benzodiazepine-2-thione
(kN) 2894-71-5
(SY) 7-CCDBT
(HM) *BENZODIAZEPINES
(PA) PSYCHOTROPIC DRUGS
(NO) structure given in first source

7-chloro-5-(2-chlorophenyl)-1,3-dihydro-2H-1,4-benzodiazepin-2-one see chlordesmethyldiazepam

7-chloro-5-(2-chlorophenyl)-1,3-dihydro-2H-thieno-(2,3-e)-(1,4)-diazepine-2-thione
(SY) 7-CCDTDT
(HM) *AZEPINES
(PA) PSYCHOTROPIC DRUGS
(NO) structure given in first source

10-chloro-11b-(2-chlorophenyl)-2,3,5,6,7,11b-hexahydrobenzo(6,7)-1,4-diazepino(5,4-b)oxazol-6-one see cloxazolam

8-chloro-6-(2-chlorophenyl)-4H-imidazo(1,5-a)(1,4)-benzodiazepine-3-carboxamide
(RN) 63176-94-3
(SY) CCIBC
(SY) RO 21 8384
(HM) *BENZODIAZEPINES
(PA) BENZODIAZEPINE TRANQUILIZERS
(NO) structure given in first source

9-chloro-7-(2-chlorophenyl)-5H-pyrimido(5,4-d)(2)benzazepine
(RN) 76988-39-1
(SY) 9-CCPB
(SY) CCPPBZ
(HM) *BENZAZEPINES
(PA) TRANQUILIZING AGENTS, MINOR
(NO) structure & RN given in first source; RN not in Chemline 12/5/83

10-chloro-11b-(2-chlorophenyl)-2,3,7,11b(5H)-tetrahydro-oxazolo(3,2-d)(1,4)benzodiazepine-6-one see cloxazolam

5-chlorocholestane
(RN) 74098-16-1
(SY) 5-chloro-5 beta-cholestane
(HM) *CHOLESTANES

chlorocinanserin see SQ 10,631

chlorocitric acid
(RN) 76432-78-5
(RR) 76550-93-1 ((R*,R*)-(+)-isomer)
(SY) threo-chlorocitric acid
(HM) *CITRATES
(PA) APPETITE DEPRESSANTS
(NO) (threo)-isomer is effective as anorectic; RN given refers to ((R*,R*)-(-))-isomer; RN for cpd without isomeric designation not in Chemline 3/84

threo-chlorocitric acid see chlorocitric acid

chlorocresol
(RN) 59-50-7
(RR) 15733-22-9 (Na salt)
(RR) 66749-51-7 (cpd with unspecified locant for chlorine)
(SY) 4-chloro-3-methylphenol
(HM) *CRESOLS
(NO) injections for relief of intractable pain; RN given refers to parent cpd

4-chloro-o-cresol see 4-chloro-2-cresol

4-chloro-2-cresol
(RN) 1570-64-5
(RR) 35471-32-0 (K salt)
(RR) 52106-86-2 (Na salt)
(SY) 4-chloro-o-cresol
(SY) 4-chloro-2-methylphenol
(HM) *CRESOLS
(NO) metabolite of 2-methyl-4-chlorophenoxyacetic acid & other phenoxyacetic acid herbicides; RN given refers to parent cpd

chlorocruorin
(RN) 24869-67-8
(HM) *HEMEPROTEINS
(NO) red-green extracellular pigment in polychaete annelids differs from hemoglobin, having a formyl group on the 2 position of the porphyrin ring instead of the vinyl

2-chloro-4-(1-cyano-1-methylethylamino)-6-ethylamino-s-triazine see cyanazine

8-chloro-cyclic adenosine monophosphate
(RN) 41941-56-4
(SY) 8-chloro-cyclic AMP
(SY) 8-chloro-cAMP
(HM) 8-BROMO CYCLIC ADENOSINE MONOPHOSPHATE/*analogs

8-chloro-cyclic AMP see 8-chloro-cyclic adenosine monophosphate

2-chlorocyclohexanone
(RN) 822-87-7
(HM) *CYCLOHEXANONES
(PA) MUTAGENS
(NO) structure given in first source

1-chlorocyclohexene oxide
(RN) 51595-54-1
(HM) *CYCLOHEXANES
(PA) MUTAGENS
(NO) structure given in first source

4-(3-chloro-4-cyclohexylphenyl)-4-oxobutyric acid see bucloxic acid

6-chloro-5-(cyclopentylmethyl)indan-1-carboxylic acid
(RN) 68266-57-9
(SY) 6-CCIC
(HM) *CLIDANAC/analogs
(PA) ANALGESICS, ANTI-INFLAMMATORY
(NO) RN & structure given in first source; RN not in Chemline 4/84

7-chloro-1-cyclopropylmethyl-1,3-dihydro-5-(2-fluorophenyl)-2H-1,4-benzodiazepin-2-one see KB 509

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21-chloro-11-dehydro-betamethasone-17-butyrate see clobetasone butyrate

2'-chloro-2'-deoxyadenosine
(RN) 4291-63-8
(SY) 2'-deoxy-2'-chloroadenosine
(HM) DEOXYADENOSINE/*analogs

5'-chloro-5'-deoxyadenosine
(RN) 892-48-8
(SY) 5'-deoxy-5'-chloroadenosi..e
(HM) DEOXYADENOSINE/*analogs

1-(3'-chloro-3'-deoxyarabinofuranosyl) uracil
(RN) 6216-53-1
(RR) 95900-36-0 (37Cl-labeled cpd)
(RR) 94992-96-8 (36Cl-labeled cpd)
(SY) 3-Cl-Ara-U
(HM) ARABINOFURANOSYLURACIL/*analogs
(NO) labeled with 36Cl; structure given in first source; RN given refers to unlabeled cpd

5-chlorodeoxycytidine see 5-chloro-2'-deoxycytidine

5-chloro-2'-deoxycytidine
(RN) 32387-56-7
(SY) 5-chlorodeoxycytidine
(HM) DEOXYCYTIDINE/*analogs

6-chloro-6-deoxyfructose
(RN) 66451-66-9
(HM) FRUCTOSE/*analogs
(NO) potential male antifertility agent

6-chloro-6-deoxygalactose
(RN) 18465-32-2
(RR) 68521-84-6 ((L)-isomer)
(HM) FUCOSE/*analogs
(II) CONTRACEPTIVE AGENTS, MALE
(NO) RN given refers to ((D)-isomer); RN for cpd without isomeric designation not in Chemline 7/6/83

6-chloro-6-deoxyglucitol
(RN) 76986-26-0
(HM) SORBITOL/*analogs
(II) CONTRACEPTIVE AGENTS, MALE
(NO) RN given refers to (D)-isomer; RN for cpd without isomeric designation not in Chemline 7/1/82

6-chloro-6-deoxyglucose
(RN) 40656-44-8
(HM) *DEOXYGLUCOSE/analogs
(II) CONTRACEPTIVE AGENTS, MALE

7-chloro-7-deoxylincomycin palmitate see clindamycin palmitate

6-chloro-6-deoxymannose
(RN) 4990-81-2
(HM) RHAMNOSE/*analogs
(II) CONTRACEPTIVE AGENTS, MALE
(NO) RN given refers to (D)-isomer; RN for cpd without isomeric designation not in Chemline 7/6/83

1-chloro-1-deoxysucrose see 1-chlorosucrose

2'-chloro-2'-deoxythymidine see 2'-chlorothymidine

2'-chloro-2'-deoxyuridine 5'-phosphate
(RN) 92544-26-8
(SY) 2'-chloro-dUDP
(HM) *URIDINE DIPHOSPHATE/analogs
(NO) inactivates E coli & Lactobacillus leichmannii ribonucleotide

2'-chloro-2'-deoxyuridine 5'-triphosphate
(RN) 61468-91-5
(SY) 2'-chloro-2'-dUTP
(HM) *DEOXYURACIL NUCLEOTIDES

2'-chloro-2'-deoxyuridine
(RN) 4753-04-2
(HM) DEOXYURIDINE/*analogs
(II) ISOMERISM

5-chlorodeoxyuridine see 5-chloro-2'-deoxyuridine

5-chloro-2'-deoxyuridine
(RN) 50-90-8
(SY) 5-chlorodeoxyuridine
(HM) DEOXYURIDINE/*analogs

chlorodesmethyldiazepam see chlordesmethyldiazepam

4-chloro-1,2-diaminobenzene
(RN) 95-83-0
(RR) 68459-98-3 (sulfate[1:1])
(SY) 4-chloro-o-phenylenediamine
(HM) *PHENYLENEDIAMINES
(PA) CARCINOGENS
(NO) RN given refers to parent cpd

chlorodiane blue
(RN) 41709-76-6
(HM) *AZO COMPOUNDS
(II) PIGMENTS

4'-chlorodiazepam see Ro 5-4864

chlorodibromomethane
(RN) 124-48-1
(SY) dibromochloromethane
(HM) *HYDROCARBONS, HALOGENATED

6-chloro-5-(2,3-dichlorophenoxy)-2-methylthiobenzimidazole see triclabendazole

chlorodienelactone hydrolase
(RN) EC 3.1.1.-
(HM) *CARBOXYLIC ESTER HYDROLASES

9-chloro-9-(4-diethylaminophenyl)-10-phenylacridan see C-390

chlorodiethylenetriamine platinum
(RN) 14215-58-8
(RR) 14215-58-8 (chloride)
(SY) (Pt(dien)Cl)Cl
(SY) platinum bis(ethyldiamine)dichloride
(SY) dien-Pt
(HM) CISPLATIN/*analogs
(NO) RN given refers to parent cpd; structure

4-chloro-N,N-diethyl-N-heptylbenzenebutanaminium see clofilium

2-chloro-N-(2,6-diethylphenyl)-N-(methoxymethyl) acetamide see alachlor

2-chloro-1,1-difluoroethylene
(RN) 359-10-4
(SY) 1,1-difluoro-2-chloroethylene
(HM) *HYDROCARBONS, HALOGENATED
(NO) volatile metabolite of halothane

chlorodifluoromethane see fluorocarbon 22

8-chloro-6,11-dihydro-11-(1-carboethoxy-4-piperidylidene)-5H-benzo(5,6)cyclohepta(1,2-b)pyridine see SCH 29851

7-chloro-5,11-dihydrodibenz(1,4)oxazepine-5- carboxamide see SQ 10,996

4-chloro-N-(4,5-dihydro-1H-imidazol-2-yl)-6-methoxy-2-methyl-5-pyrimidinamine see moxonidine

6-chloro-1,5-dihydro-3-methylimidazo(2,1-b)quinazolin-2(3H)-one see Ro 13-6438

7-chloro-3,3a-dihydro-2-methyl-2H,9H-isoxazolo(3,2-b)(1,3)benzoxazin-9-one see meseclazone

3-chloro-2-(2,3-dihydro-2-oxo-1,3,4-oxadiazol-5-yl)benzo(b)thiophene
(RN) 78620-31-2
(SY) 3-CDOOB
(HM) *THIOPHENES
(PA) HISTAMINE H1 RECEPTOR BLOCKADERS
(NO) RN & structure given in first source; RN not in Chemline 3/84

6-chloro-7,8-dihydroxy-1-(4-hydroxyphenyl)-2,3,4,5,-tetrahydro-1H-3-benzazepine see SK&F 82526

6-chloro-2,3-dihydroxy-1,4-naphthoquinone
(RN) 74237-20-0
(SY) CDNQ
(HM) *NAPHTHOQUINONES

3-chloro-4-(2,3-dihydroxypropoxy)benzeneacetic acid see 2,3-dihydroxyalclofenac

chlorodimedone
(RN) 7298-89-7
(SY) 2-chlorodimedone
(SY) monochlorodimedone
(HM) *CYCLOHEXANONES

2-chlorodimedone see chlorodimedone

6-chloro-2,3-dimethoxynaphthalene-1,4-diodiacetate
(SY) RS-43179
(SY) RS 43179
(HM) *NAPHTHALENES
(NO) used in treatment of psoriasis

2-chloro-11-(2-dimethylaminoethoxy)dibenzo(b,f) thiepine see zotepine

10-chloro-5-(2-dimethylaminoethyl)-7H-indolo(2,3-c)quinoline-6(5H)-one
(RN) 52865-60-8
(RR) 71940-06-2 (unspecified HCl)
(RR) 63190-28-3 (mono-HCl)
(SY) 10-CDIQO
(HM) *QUINOLINES
(PA) ANTINEOPLASTIC AGENTS
(NO) RN given refers to parent cpd; structure

8-chloro-1-(2-(dimethylamino)ethyl)6-phenyl-4H-s-triazolo(4,3-a(1,4)benzodiazepine p-toluene sulfonate see U 43,465F

7-chloro-4-(dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,5,10,12,12a-pentahydroxy-6-methylene-1,11-dioxo-2-naphthacene carboxamide see meclocycline

2-chloro-9-(3-dimethylaminopropyl)acridan see clomacran

2-chloro-2'-(3-(dimethylamino)propyl) thiocinnamanilide.HCl see SQ 10,631

3-chloro-4,4-dimethyl-2-oxazolidinone
(RN) 58629-01-9
(SY) 3-CDO
(SY) agent I
(HM) *OXAZOLES
(II) DISINFECTANTS
(NO) chloramine disinfectant & aflatoxin B detoxicant

2-chloro-N-(2,3-dimethylphenyl)-N-(1-methylethyl) acetamide see xylachlor

5-chloro-2,4-dimethyl-6-sulfanilamidopyrimidine see sulfaclomide

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1-chloro-2,4-dinitrobenzene-glutathione conjugate
(SY) GSH-CDNB
(HM) *DINITROCHLOROBENZENE
(HM) *GLUTATHIONE
(II) BIOLOGICAL TRANSPORT, ACTIVE
(NO) actively transported from erythrocytes

4-chloro-3,5-dinitrobenzoate
(RN) 118-97-8
(HM) *CHLOROBENZOATES
(II) INDICATORS AND REAGENTS
(NO) binds to cytochrome c; used chlorobenzoates because the chlorine is the reactive group; structure

2'-chloro-2,4-dinitro-5'-6-di (trifluoromethyl)diphenylamine
(RN) 62441-54-7
(SY) fentrifanil
(SY) CDTD
(SY) N-(2-chloro-5-(trifluoromethyl)phenyl)-2,4-dinitro-6-(trifluoromethyl)benzenamine
(HM) *DIPHENYLAMINE/analogs
(PA) INSECTICIDES
(II) UNCOUPLING AGENTS
(NO) structure

4-chloro-3,5-dinitrophenylmethyl sulfone
(RN) 4726-15-2
(HM) *DINITROCHLOROBENZENE/analogs
(NO) structure given in first source

2'-chloro-dUDP see 2'-chloro-2'-deoxyuridine 5'-phosphate

2'-chloro-2'-dUTP see 2'-chloro-2'-deoxyuridine 5'-triphosphate

trans-1-chloro-1,2-epoxypropane see 1-chloro-1,2-epoxypropane

cis-1-chloro-1,2-epoxypropane see 1-chloro-1,2-epoxypropane

1-chloro-1,2-epoxypropane
(RN) 21947-75-1
(RR) 21947-76-2 ((trans)-isomer)
(SY) 1-chloropropene oxide
(SY) cis-1-chloro-1,2-epoxypropane
(SY) trans-1-chloro-1,2-epoxypropane
(HM) *EPOXY COMPOUNDS
(PA) CARCINOGENS
(NO) RN given refers to (cis)-isomer; RN for cpd without isomeric designation not in Chemline 7/29/83; structure given in first source

1-chloroestradiol
(RN) 95846-28-9
(HM) ESTRADIOL/*analogs
(NO) structure given in first source

3-(2-chloroethoxy)-1,2-dichloropropene
(RN) 84987-77-9
(HM) *HYDROCARBONS, CHLORINATED
(PA) MUTAGENS
(NO) structure given in first source

chloroethylaminouracil
(RN) 520-09-2
(SY) dopan
(SY) 4-methyl-5-(bis(beta-chloroethyl)amino)uracil
(HM) *NITROGEN MUSTARD COMPOUNDS
(HM) URACIL/*analogs
(NO) structure

S-(2-chloroethyl)cysteine
(RN) 28361-96-8
(SY) S-(2-chloroethyl)-DL-cysteine
(HM) CYSTEINE/*analogs
(NO) induces nephrotoxicity; RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 6/85

S-(2-chloroethyl)-DL-cysteine see S-(2-chloroethyl)cysteine

N-(2-chloroethyl)-10,11-dihydroxynoraporphine see chloroethylnorapomorphine

N-(2-chloroethyl)-2,6-dinitro-N-propyl-4-(trifluoromethyl)aniline see fluchloralin

1-(2-chloroethyl)-3-(2,6-dioxo-3-piperidyl-1-nitrourea see PCNU

chloroethylene oxide
(RN) 7763-77-1
(SY) chlorooxirane
(SY) 2-chloroethylene oxide
(HM) *ETHYLENE OXIDE/analogs
(NO) postulated metabolite of vinyl chloride; structure

2-chloroethylene oxide see chloroethylene oxide

N-(2-chloroethyl)-N-ethyl-2-bromobenzylamine see DSP 4

N-2-chloroethyl-N-ethyl-2-methylbenzylamine see xylamine

5-chloro-3-ethyl-N-((1-ethyl-2-pyrrolidinyl)methyl)-6-methoxysalicylamide see eticlopride

1-(2-chloroethyl)-3-(2-furylmethyl)urea
(SY) CEFMU
(HM) *FURANS
(NO) structure given in first source

1-(2-chloroethyl)-3-(4-hydroxycyclohexyl)-1- nitrosourea see 4-hydroxy-CCNU

1-(2-chloroethyl)-3-isobutyl-3-(beta-maltosyl)-1-nitrosourea see TA 077

2-chloroethyl isocyanate see NSC 87418

3-(2-chloroethyl)-2-(2-mesyloxyethylamino)tetrahydro-2H-1,3,2-oxazaphosphorine 2-oxide see sufosfamide

4-(N-2-chloroethyl-N-methylamino) benzylamine
(RN) 36665-43-7
(SY) 4-CEMABZAM
(HM) *MUSTARD COMPOUNDS
(NO) structure in first source

2',3'-O-(4-(N-(2-chloroethyl)-N-(methylamino))benzylidene) nonathymidyluridine
(RN) 80508-25-4
(SY) 2',3'-CMBNTU
(HM) *NITROGEN MUSTARD COMPOUNDS
(PA) ALKYLATING AGENTS
(NO) RN given from Toxline; RN not in Chemline 10/84

2',3'-O-(4-(N-2-chloroethyl-N-methylamino)benzylidene)uridine-5'-methylphosphate
(RN) 25878-32-4
(HM) *NITROGEN MUSTARD COMPOUNDS
(PA) ALKYLATING AGENTS
(NO) alkylating agent

N-(4-(2-chloroethylmethylamino)-2-butynyl)-2- pyrrolidone see DSO-16

2-chloroethyl (methylsulfonyl) methanesulfonate
(RN) 88343-72-0
(SY) 2-CMSMS
(HM) *METHANESULFONATES
(PA) ANTINEOPLASTIC AGENTS
(NO) structure & RN given in first source; RN not in Chemline 6/84

1-(2-chloroethyl)-3-(1'-(5'-4-nitrobenzoyl-2',3'-isopropylidene)-alpha,beta-D-ribofuranosyl)-1- nitrosourea see RFCNU

2-(3-(2-chloroethyl)-3-nitrodoureido)-2-deoxy-D-glucopyranose see chlorozotocin

N-(2-chloroethyl)-N-nitrosoacetamide
(RN) 64057-51-8
(SY) CENU
(HM) *NITROSO COMPOUNDS
(NO) structure given in first source

2-((((2-chloroethyl)nitrosoamino) carbonyl)amino)-1,3-cyclohexanediol
(RN) 58484-17-6
(SY) DONU
(HM) *NITROSOUREA COMPOUNDS
(PA) ANTINEOPLASTIC AGENTS

2-((((2-chloroethyl)nitrosoamino) carbonyl)amino)propanamide
(RN) 92891-93-5
(SY) N-chlorothylnitrosourea sarcosinamide
(SY) SarCNU
(HM) CARMUSTINE/*analogs
(PA) ANTINEOPLASTIC AGENTS
(NO) structure given in first source

4-((((2-chloroethyl)nitrosoamino) carbonyl)methylamino) cyclohexanecarboxylic acid
(RN) 87640-31-1
(SY) cis-4-((((2-chloroethyl)nitrosoamino)carbonyl) methylamino)cyclohexanecarboxylic acid
(SY) N-Me-cis-acid
(SY) N-Me-CCCNU
(HM) LOMUSTINE/*analogs
(NO) RN & structure from first source; RN given refers to (cis)-isomer; RN for cpd without isomeric designation not in Chemline 2/14/84

cis-4-((((2-chloroethyl)nitrosoamino)carbonyl) methylamino)cyclohexanecarboxylic acid see 4-((((2-chloroethyl)nitrosoamino)carbonyl)methylamino) cyclohexanecarboxylic acid

1-(2-chloroethyl)-1-nitroso-3-(methylenecarboxamido) urea see acetamido-CNU

N-chloroethylnitrosourea asparaginamide
(RN) 81965-31-3
(SY) AspCNU
(SY) N-chloroethylnitrosourea-L-asparaginamide
(HM) CARMUSTINE/*analogs
(PA) ANTINEOPLASTIC AGENTS
(NO) structure given in first source; RN given refers to (S)-isomer; RN for cpd without isomeric designation not available 6/85

N-chloroethylnitrosourea-L-asparaginamide see N-chloroethylnitrosourea asparaginamide

1-(2-chloroethyl)-1-nitrosourea
(RN) 2365-30-2
(SY) CNU
(HM) ETHYLNITROSOUREA/*analogs

3-(3-(2-chloroethyl)-3-nitrosoureido)-3-deoxyallose
(RN) 81428-46-8
(SY) 3-(3-(2-chloroethyl)-3-nitrosoureido)-3-deoxy-D-allose
(SY) CNUA
(HM) STREPTOZOTOCIN/*analogs
(PA) ANTINEOPLASTIC AGENTS
(NO) structure given in first source

3-(3-(2-chloroethyl)-3-nitrosoureido)-3-deoxy-D-allose see 3-(3-(2-chloroethyl)-3-nitrosoureido)-3-deoxyallose

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3-(3-(2-chloroethyl)-3-nitrosoureido)-3-deoxyglucopyranose
(RN) 73237-82-8
(SY)
3-(3-(2-chloroethyl)-3-nitrosoureido)-3-deoxy-D-glucose
(SY) CNUG
(HM) STREPTOZOTOCIN/*analogs
(PA) ANTINEOPLASTIC AGENTS

3-(3-(2-chloroethyl)-3-nitrosoureido)-3-deoxy-D- glucose see 3-(3-(2-chloroethyl)-3-nitrosoureido)-3-deoxyglucopyranose

2-chloroethyl-1-nitrosoureidoethanol
(RN) 60784-46-5
(SY) CNU-ethanol
(SY) HECNU
(SY) NSC 29485
(SY) 1-(2-hydroxyethyl)-3-(2-chloroethyl)-3-nitrosourea
(HM) *NITROSOUREA COMPOUNDS
(PA) MUTAGENS
(NO) structure

chloroethylnorapomorphine
(RN) 75946-94-0
(RR) 75344-87-5 (HCl(R)-isomer)
(RR) 73566-58-2 (HCl)
(SY) N-(2-chloroethyl)-10,11-dihydroxynoraporphine
(HM) *APORPHINES
(NO) irreversible dopamine receptor antagonist; RN given refers to (R)-isomer; RN for cpd without isomeric designation not in Chemline 3/84; structure given in first source

1-(2-chloroethyl)-3-(1-oxyl-2,2,6,6-tetramethylpiperidinyl)-1-nitrosourea
(SY) SLCNU
(HM) *NITROSOUREA COMPOUNDS
(PA) ANTINEOPLASTIC AGENTS
(NO) has more antineoplastic activity & less toxicity than CCNU; structure given in first source

3-(1-(p-chloroethylphenyl)butyl)-4-hydroxycoumarin see clocoumarol

1-(2-chloroethyl)-3-(2-pyrazinylmethyl) urea
(SY) CEPMU
(HM) *PYRAZINES
(NO) structure given in first source

N-(2-chloroethyl-1-ribofuranosyl-2',3'-isopropylidene-5'-(p-nitrobenzoate)-3-nitrosourea see RFCNU

chloroethyl thiamine see beclotiamine

1-(2-chloroethyl)-3-(2',3',4'-tri-O-acetylribopyranosyl)-1-nitrosourea see ICIG 1163

5-(3-(2-chloroethyl)triazen-1-yl) imidazole-4-carboxamide
(RN) 28177-14-2
(HM) DACARBAZINE/*analogs
(NO) breakdown product of M&B 39565

3-chlorofluocinolone 16,17-acetonide 21-acetate see 3-chlorofluocinolone acetonide 21-acetate

3-chlorofluocinolone acetonide 21-acetate
(SY) 3-Cl-FA-Ac
(SY) 3-chlorofluocinolone 16,17-acetonide 21-acetate
(HM) FLUOCINOLONE ACETONIDE/*analogs
(II) GLUCOCORTICOIDS, SYNTHETIC

3-chlorofluocinolone acetonide
(SY) 3-Cl-FA
(SY) 3-chlorofluocinolone 16,17-acetonide
(HM) FLUOCINOLONE ACETONIDE/*analogs
(II) GLUCOCORTICOIDS, SYNTHETIC

3-chlorofluocinolone 16,17-acetonide see 3-chlorofluocinolone acetonide

5-chloro-1-(3-(4-(4-fluorobenzoyl)-1-piperidinyl) propyl)-1,3-dihydro-2H-benzimidazol-2-one see milenperone

9-(2-chloro-6-fluorobenzyl adenine) see arprinocid

chlorofluoromethane
(RN) 593-70-4
(HM) *HYDROCARBONS, HALOGENATED
(PA) MUTAGENS

((7-chloro-3-(2-fluorophenyl)-1,2-benzisoxazol-6-yl)oxy)acetic acid
(RN) 72498-57-8
(SY) CFPBOA
(HM) *OXAZOLES
(PA) DIURETICS
(NO) RN given from first source; RN not in Chemline 9/28/83; structure given in first source

7-chloro-5-(2'-fluorophenyl)-2,3-dihydro-2-oxo-1H-1,4-benzodiazepine-1-acetaldehyde
(RN) 85057-32-5
(SY) flurazepam AA
(HM) FLURAZEPAM/*analogs
(NO) flurazepam metabolite in man; structure given in first source

7-chloro-5-(2-fluorophenyl)-2,3-dihydro-2-oxo-1H-1,4-benzodiazepine-3-carboxylic acid see CM 6913

10-chloro-11b-(2'-fluorophenyl)-2,3,5,6,7,11b-hexahydro-7-(2"-hydroxyethyl)benzo(6,7)-1,4-diazepino(5,4-b)oxazol-6-one see flutazolam

6-(2-chloro-6-fluorophenyl)-2,3,6,7-tetrahydro-5H-pyrrolo(1,2-a)imidazole hydrobromide see ICI 106270

chloroformic acid isobutyl ester see isobutyl chloroformate

2-chloro-GABA see 2-chloro-4-aminobenzoic acid

chloroglycyl-methionatoplatinum II
(RN) 31302-92-8
(SY) PT(Gyl-L-Met)Cl
(SY) PtGLM
(HM) *ORGANOPLATINUM COMPOUNDS
(II) AFFINITY LABELS
(NO) specific label for methionine residues of proteins

8-chloroguanosine
(RN) 2104-68-9
(RR) 91294-62-1 (dihydrate)
(HM) GUANOSINE/*analogs

chlorohaloperidol see 1-[3-(4-chlorobenzoyl)propyl]-4-hydroxy-4-(4-chlorophenyl)piperidine

1-chlorohexadecane
(RN) 4860-03-1
(RR) 34214-79-4 (cpd with unspecified chlorine locants)
(HM) *HYDROCARBONS, CHLORINATED

chlorohydroxyaluminum allantoinate
(RN) 2283-38-7
(SY) aluminum chlorohydroxyallantoinate
(HM) *ALUMINUM HYDROXIDE
(HM) ALLANTOIN/*analogs
(PA) ANTI-INFLAMMATORY AGENTS
(II) DENTIFRICES

3-chloro-4-hydroxybenzoate
(RN) 3964-58-7
(HM) *HYDROXYBENZOIC ACIDS

chloro-hydroxybiphenyls see chlorobiphenylols

2-chloro-5-hydroxy-1,3-dimethylbenzene see chloroxylenol

4-chloro-11-hydroxy-17-methylandrosta-1, 4-dien-3-one
(SY) CHMADO
(HM) METHANDROSTENOLONE/*analogs
(II) ANABOLIC STEROIDS

3-chloro-7-hydroxy-4-methylcoumarin diethyl phosphate see coroxon

5-chloro-2-((2-hydroxy-1-naphthalenyl)azo)-4-methylbenzenesulfonic acid barium salt see D.C. Red No. 9

5-chloro-2-((2-hydroxy-1-naphthalenyl)azo)-4-methylbenzenesulfonic acid see D.C. Red No. 9

3-chloro-4-hydroxyphenylacetic acid
(RN) 33697-81-3
(RR) 52803-46-0 (mono-Na salt)
(HM) *PHENYLACETATES
(NO) RN given refers to parent cpd

4-chloro-2-hydroxyphenylacetic acid
(RN) 82085-61-8
(SY) 4-CL-2-HPA
(HM) *PHENYLACETATES

4-chloro-3-hydroxyphenylacetic acid
(RN) 60397-70-8
(HM) *PHENYLACETATES

2-chloro-3-(4-hydroxyphenyl)-1-propene
(SY) Cl-OHPP
(HM) *PHENOLS
(PA) DOPAMINE BETA-HYDROXYLASE/antag
(NO) structure given in first source

1-chloro-3-hydroxy-2-propanone dihydrogen phosphate see chloroacetol phosphate

5-chloro-8-hydroxyquinoline
(RN) 130-16-5
(RR) 25395-13-5 (HCl)
(RR) 1321-37-5 (cpd with unspecified locants)
(HM) *CHLOROQUINOLINOLS
(NO) RN given refers to parent cpd; structure given in first source

7-chloro-10-hydroxy-3-(4-trifluoromethylphenyl)-3,4-dihydroacridine-1,9(2H,10H)-dione see floxacrine

5-chloro-4-(2-imidazolin-2-yl-amino)-2,1,3-benzothiadiazole see DS 103-282

4-chloro-2-(2-imidazolin-2-ylamino)isoindoline see BE 6143

4-chloro-2,2'-iminodibenzoic acid see lobenzarit

chloroiridic(IV) acid see hexachloroiridate

2-chloroisocaproic acid
(RN) 29671-29-2
(SY) alpha-chloroisocaproate
(SY) 2-CICA
(SY) 2-chloro-4-methylvalerate
(HM) *HEXANOIC ACIDS
(II) CAPROATES
(NO) branched-chain alpha-ketoacid dehydrogenase kinase inhibitor

chloroisonitrous acetone
(RN) 5471-68-1
(RR) 78335-65-6 ((E)-isomer)
(HM) *KETONES
(II) IRRITANTS
(NO) RN given refers to cpd without isomeric designation

2-chloro-N-isopropylacetanilide see propachlor

2-chloro-3-isopropylphenyl-N-methylcarbamate see OMS 22

4'-chloro-N-(1-isopropyl-4-piperidyl)-2- phenylacetanilide see lorcainide

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chloro-K
(RN) 1258-63-5
(RR) 30949-95-2 ((R-(R*,R*)-(E))-isomer)
(RR) 14737-70-3 (former CAS registry number)
(SY) 2-chlorovitamin K1
(SY) 2-chlorophylloquinone
(HM) PHYTONADIONE/*analogs
(PA) VITAMIN K/antag
(PA) PROTHROMBIN/antag
(NO) vitamin K antagonist which blocks completely the synthesis of prothrombin in rats; RN given refers to cpd without isomeric designation

3-chlorolactaldehyde
(RN) 69519-13-7
(RR) 84607-54-5 ((R)-isomer)
(RR) 84709-24-0 ((+-)-isomer)
(RR) 86747-03-7 ((S)-isomer)
(HM) *ALDEHYDES
(NO) RN given refers to cpd without isomeric designation

5-chlorolevulinic acid see 5-chloro-4-oxopentanoic acid

7-chlorolincomycin palmitate see clindamycin palmitate

6-chloromelatonin
(RN) 63762-74-3
(HM) MELATONIN/*analogs

p-chloromercuribenzoic acid see 4-chloromercuribenzoic acid

4-chloromercuribenzoic acid
(RN) 59-85-8
(RR) 3198-04-7 (mono-Na salt)
(RR) 51329-33-0 (197Hg-labeled cpd)
(RR) 50769-72-7 (cpd with unspecified locant for carboxy group)
(SY) PCMB
(SY) parachloromercuribenzoate
(SY) p-chloromercuribenzoic acid
(HM) *CHLOROMERCURIBENZOATES
(NO) RN given refers to parent cpd

2-chloromercuri-4-nitrophenol
(RN) 24579-90-6
(SY) 2-chloromercury-4-nitrophenol
(HM) *CHLOROMERCURINITROPHENOLS
(II) SULFHYDRYL REAGENTS

2-chloromercury-4-nitrophenol see 2-chloromercuri-4-nitrophenol

1-(4-chloromercuryphenlazo)-2-naphthol see mercury orange

4-chloro-methandienone see turinabol-oral

4-(2-(5-chloro-2-methoxybenzamido)ethyl)benzoic acid see meglitinide

4'-chloro-5-methoxy-3-biphenylacetic acid see DKA 9

2-chloro-6-methoxy-9-(3-(2-chloroethyl) aminopropylamino)acridine see acridine half-mustard

4-chloro-6-methoxy-2-hydroxy-N(1)-nitrosoindolin-3-one oxime
(SY) CMNIO
(HM) *NITROSAMINES
(PA) MUTAGENS
(NO) mutagen formed during nitrosation of fava bean (Vicia faba)

4-chloro-6-methoxyindole
(RN) 93490-31-4
(HM) *INDOLES
(NO) precursor of mutagen formed during nitrosation of fava bean; structure given in first source

2-chloro-N-(((4-methoxy-6-methyl-1,3,5-triazin-2-yl) amino)carbonyl)benzenesulfonamide see chlorsulfuron

2-((5-chloro-2-methoxyphenyl)azo)-1H-imidazole see M6434

4-(4-chloro-N-(4-methoxyphenyl)benzamido)butyric acid see clanobutin

7-chloro-5-(4-methoxyphenyl)-1-methyl-3H-1,4-benzodiazepin-2(1H)one see Ro 5-6669

1-chloro-2-methoxy-1,2,3,3-tetrafluorocyclopropane see aliflurane

4'-chloro-5-methoxyvalerophenone (E)-O-(2-aminoethyl) oxime fumarate see clovoxamine

4-chloro-5-(methylamino)-2-(alpha, alpha, alpha-trifluoro-m-tolyl)-3(2H)-pyridazinone see norflurazone

p-chloro-N-methylaniline demethylase see 4-chloro-N-methylaniline demethylase

4-chloro-N-methylaniline demethylase
(RN) EC 1.5.-
(SY) para-chloro-N-methylaniline demethylase
(SY) PCMADase
(SY) p-chloro-N-methylaniline demethylase
(HM) *OXIDOREDUCTASES, N-DEMETHYLATING

p-chloro-N-methylaniline see 4-chloro-N-methylaniline

4-chloro-N-methylaniline
(RN) 932-96-7
(RR) 30953-65-2 (HCl)
(SY) N-methyl-p-chloroaniline
(SY) p-chloro-N-methylaniline
(HM) *ANILINE COMPOUNDS
(NO) RN given refers to parent cpd; structure

3-chloro-4-methylbenzenamine.HCl see starlicide

11-chloromethylbenzo(a)pyrene
(SY) 11-CMBP
(HM) *BENZOPYRENES
(PA) MUTAGENS

12-chloromethylbenzo(a)pyrene
(SY) 12-CMBP
(HM) *BENZOPYRENES
(PA) MUTAGENS

4-chloromethylbiphenyl
(RN) 1667-11-4
(SY) 4-(chloromethyl)biphenyl
(HM) *BIPHENYL COMPOUNDS
(PA) MUTAGENS
(PA) CARCINOGENS
(NO) structure given in first source

4-(chloromethyl)biphenyl see 4-chloromethylbiphenyl

6-chloromethylenedehydroacetoxyprogesterone see chlorsuperlutin

chloromethyl ethyl ether
(RN) 3188-13-4
(HM) *ETHYL ETHERS
(PA) MUTAGENS

3-chloro-4-methyl-7-hydroxycoumarin see chlorferron

2-chloro-4-methyl-3-(2'-imidazolin-2'-ylamino) thiophene see tiamenidine

3-(6-chloro-3-methyl-2-indenyl)pyridine see SU 8000

4-chloro-2-methylphenol see 4-chloro-2-cresol

4-chloro-3-methylphenol see chlorocresol

4-(4-chloro-2-methylphenoxy)butyric acid see 2-methyl-4-chlorophenoxy gamma-butyric acid

N-(3-chloro-2-methylphenyl)anthranilic acid see tolfenamic acid

2-chloro-11-(4-methyl-1-piperazinyl)-5H- dibenzo(b,e)(1,4)diazepine
(RN) 1977-08-8
(RR) 64603-97-0 (HCl)
(SY) 105-056
(HM) *CLOZAPINE/analogs
(NO) structure given in first source

chloromethylpseudocumene
(RN) 41380-66-9
(SY) monochloromethyl pseudocumene
(HM) *BENZENE DERIVATIVES
(II) AIR POLLUTANTS, OCCUPATIONAL

N-(4-(2-chloromethylpyrrolidino)-2-butynyl)-2- pyrrolidone see BM 130

1-(chloromethyl)silatrane
(RN) 42003-39-4
(SY) CM-silatrane
(SY) CM-silitrane
(HM) *SILICON
(PA) MUTAGENS
(PA) ANTI-ULCER AGENTS
(II) HAIR PREPARATIONS

2-chloro-4-methylvalerate see 2-chloroisocaproic acid

chloromonilicin
(HM) BENZOPYRANS
(PA) ANTIBIOTICS, ANTIFUNGAL
(NO) isolated from Monilinia fructicola; structure given in first source

1-chloronaphthalene
(RN) 90-13-1
(SY) alpha-chloronaphthalene
(SY) xilamon
(SY) xylamon
(HM) *NAPHTHALENES
(NO) word preservative; in xylamon the active ingredient is 60% 1-chloronaphthalene; structure in Merck Index, 9th ed, #2126

4-chloro-1-naphthalenol see 4-chloro-1-naphthol

4-chloro-1-naphthol
(RN) 604-44-4
(RR) 34390-12-0 (cpd with unspecified locants)
(SY) 4-chloro-1-naphthalenol
(HM) *NAPHTHOLS
(II) STAINS AND STAINING
(II) DYES
(NO) RN given refers to cpd with specified locants

6-(7-chloro-1,8-naphthyridin-2-yl)-2,3,6,7-tetrahydro-7-oxo-5H-(1,4)dithiino(2,3-c)pyrrol-5-yl-4-methylpiperazine-1-carboxylate see suriclone

chloroneb
(RN) 2675-77-6
(HM) *CHLOROBENZENES
(NO) structure

6-chloro-4-nitro-2-aminophenol
(RN) 6358-09-4
(RR) 62625-14-3 (mono-HCl)
(HM) *AMINOPHENOLS
(II) DYES
(NO) RN given refers to parent cpd

4-chloro-2-nitroaniline
(RN) 89-63-4
(HM) *ANILINE COMPOUNDS
(NO) intermediate in manufacture of pigments

p-chloronitrobenzene see 4-chloronitrobenzene

1-chloro-4-nitrobenzene see 4-chloronitrobenzene

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4-chloronitrobenzene
(RN) 100-00-5
(SY) PNCB
(SY) p-nitrochlorobenzene
(SY) p-chloronitrobenzene
(SY) 1-chloro-4-nitrobenzene
(HM) *NITROBENZENES

7-chloro-4-nitrobenzofuran
(SY) 7-CpNBF
(HM) *BENZOFURANS

4-chloro-3-nitrobenzoic acid
(RN) 96-99-1
(SY) para-chloro-meta-nitrobenzoate
(HM) *CHLOROBENZOATES

4-chloro-3-nitrobenzotrifluoride see 4-chloro-alpha,alpha,alpha-trifluoro-3-nitrotoluene

1-chloro-1-nitroethane
(RN) 598-92-5
(HM) *NITROPARAFFINS
(PA) D-AMINO ACID OXIDASE/antag

o-chloro-p-nitrophenyl maltoheptaoside see 2-chloro-4-nitrophenyl maltoheptaoside

2-chloro-4-nitrophenyl maltoheptaoside
(SY) o-chloro-p-nitrophenyl maltoheptaoside
(SY) CNPMH
(HM) *GLUCOSIDES
(NO) substrate used for determination of alpha-amylase in serum & urine

2'-chloronordiazepam see chlordesmethyldiazepam

chlorooxirane see chloroethylene oxide

4-((5-chloro-2-oxo-3(2H)-benzothiazolyl) acetyl-1-piperazinesulfonic acid
(RN) 87925-15-3
(SY) 4-COBPS
(SY) potassium 4-((5-chloro-2-oxo-3(2H)-benzothiazolyl)acetyl-1-piperazine sulfonate
(HM) *PIPERAZINES
(NO) metabolite of tiaramide; structure given in first source

5-chloro-4-oxopentanoic acid
(RN) 60254-71-9
(SY) 5-chlorolevulinic acid
(HM) *LEVULINIC ACIDS

6-chloro-4-oxo-10-propyl-4H-pyrano (3,2-g) quinoline -2,8-dicarboxylate
(SY) 6-COPPQD
(HM) *QUINOLINES
(PA) HISTAMINE H1 RECEPTOR BLOCKADERS
(NO) structure given in first source

9-chloro-5-oxo-7-(1H-tetrazol-5-yl)-5H-(1)benzopyrano (2,3-b)pyridine see traxanox

chloropent see equithesin

chloropeptide
(RN) 12663-46-6
(SY) cyclochlorotine
(HM) *PEPTIDES, CYCLIC
(II) MYCOTOXINS
(NO) hepatoxic cyclic pentapeptide of Penicillium islandicum Sopp.; structure

m-chloroperbenzoic acid see 3-chloroperbenzoic acid

3-chloroperbenzoic acid
(RN) 937-14-4
(SY) MCPBA
(SY) meta-chloroperoxybenzoic acid
(SY) m-chloroperbenzoic acid
(HM) *CHLOROBENZOATES
(II) INDICATORS AND REAGENTS
(NO) oxidizing agent

Chloropercha see Kloroperka

chlorophacinone
(RN) 3691-35-8
(SY) redentin
(HM) *INDANS
(PA) RODENTICIDES
(PA) ANTICOAGULANTS
(NO) structure

p-chlorophenethylamine see 4-chlorophenethylamine

2'-chlorophenethylamine see beta-chlorophenethylamine

4-chlorophenethylamine
(RN) 156-41-2
(RR) 2492-83-3 (HCl)
(SY) 4-chloro-beta-phenethylamine
(SY) p-chlorophenethylamine
(SY) 4-chlorophenylethylamine
(HM) *PHENETHYLAMINES
(NO) RN given refers to parent cpd

o-chlorophenol see 2-chlorophenol

p-chlorophenol see 4-chlorophenol

chlorophenol camphor see camphorated parachlorophenol

chlorophenol red
(RN) 4430-20-0
(RR) 27459-85-4 (former CAS registry number)
(HM) *PHENOLSULFONPHTHALEIN/analogs
(NO) used in transport studies of goldfish renal tubules; structure

2-chlorophenol
(RN) 95-57-8
(SY) ortho-chlorophenol
(SY) o-monochlorophenol
(SY) ortho-monochlorophenol
(SY) o-chlorophenol
(HM) *CHLOROPHENOLS

4-chlorophenol
(RN) 106-48-9
(RR) 73073-74-2 (ion(1+))
(RR) 60925-44-2 (Cu(+1) salt)
(RR) 41709-55-1 (Ni(+2) salt)
(RR) 1121-74-0 (K salt)
(RR) 1193-00-6 (Na salt)
(RR) 13438-75-0 (Ti(+4) salt)
(SY) para-monochlorophenol
(SY) parachlorophenol
(SY) p-chlorophenol
(HM) *CHLOROPHENOLS
(NO) RN given refers to parent cpd

2-(4-(3-(2-chlorophenothiazin-10-yl)-propyl)-1-piperazinyl)-ethyl-3,4,5-trimethoxybenzoate see metofenazate

p-chlorophenoxyacetic acid see NSC-8769

p-(chlorophenoxy)acetic acid 2-isopropylhydrazide see iproclozide

4-chlorophenoxyacetic acid see NSC-8769

2-(5-chloro-2-phenoxyanilino)-2-imidazoline see FR 35447

1-(4-chlorophenoxy)-3,3'-dimethyl-2-(1,2,4-triazol-1-yl)methyl-2-butanol see BAY N 7133

2-(4-chlorophenoxy)isobutyric acid 4-chlorophenyl ester see 4-chlorophenyl 2-(4-chlorophenoxy)isobutyrate

3-(3-chlorophenoxy)-1-methylcarbamoylpyrrolidine see AHR-2666

6-(3-chloro)-phenoxy-2-methyl-1-oxa-4-azospiro-(4,5) decane-3-one see 3726 CERM

N(2-(4-chlorophenoxy)-2-methylpropionyl)glycine see clofibrylglycine

2-(4-(4'-chlorophenoxy)phenoxy)propionic acid see fenofibric acid

2-(3-(2-chlorophenoxyphenyl))propionic acid
(SY) 2-CPPPA
(HM) *PHENYLPROPIONATES

2-(3-(2'-chlorophenoxy)phenyl)propionic acid
(RN) 71236-10-7
(RR) 71236-12-9 ((-)-isomer)
(RR) 71236-11-8 ((+)-isomer)
(SY) CPOPPA
(HM) *PHENYLPROPIONATES
(PA) ANALGESICS, ANTI-INFLAMMATORY
(NO) RN given refers to (+-)-isomer; RN for cpd without isomeric designation not in Chemline 10/5/83; structure given in first source

16-(3-chlorophenoxy)-17,18,19,20-tetranorprostaglandin F2 alpha
(SY) 16-CPOTN-PGF2 alpha
(HM) *PROSTAGLANDINS F, SYNTHETIC
(NO) structure given in first source

4-chlorophenylacetate 3,4-dioxygenase
(RN) EC 1.13.11.-
(SY) 4-CPA 3,4-dioxygenase
(HM) *OXYGENASES
(NO) forms 3,4-dihydroxyphenylacetate; probable mechanism involves a dioxygenated intermediate from which Cl is released

4-chlorophenylacetate see 4-chlorophenylacetic acid

4-chlorophenylacetic acid
(RN) 1878-66-6
(RR) 25307-03-3 (Na salt)
(RR) 42766-37-0 (K salt)
(SY) 4-chlorophenylacetate
(HM) *PHENYLACETATES
(NO) RN given refers to parent cpd

p-chlorophenylalanine methyl ester see 4-chlorophenylalanine methyl ester

4-chlorophenylalanine methyl ester
(RN) 23434-96-0
(RR) 24561-03-3 ((DL)-isomer)
(RR) 33965-47-8 (HCl(D)-isomer)
(RR) 14173-40-1 (HCl(DL)-isomer)
(RR) 23434-91-5 (HCl)
(SY) para-chlorophenylalanine methyl ester
(SY) p-chlorophenylalanine methyl ester
(HM) P-CHLOROPHENYLALANINE/*analogs
(NO) RN given refers to parent cpd without isomeric designation

5-((4-chloro-6-(phenylamino)-1,3,5-triazin-2-yl)amino) -4-hydroxy-3-((2-sulfophenyl)azo)-2,7-naphthalenedisulfonic acid trisodium salt see procion brilliant red H 3B

2-(4'-chlorophenyl)benzothiopyrano(4,3-c)pyrazol-3-one see CP-17193

N(6)-(2-(4-chlorophenyl)-bi-cyclo(2.2.2.)-octyl-(3)-adenosine see EMD 28422

4-chlorophenyl 4-chlorobenzenesulfonate see ovex

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4-chlorophenyl 2-(4-chlorophenoxy) isobutyrate
(RN) 61887-16-9
(SY) 2-(4-chlorophenoxy)isobutyric acid 4-chlorophenyl ester
(HM) CLOFIBRIC ACID/*analogs

1-(4-(4-chlorophenyl)-2-(2,6-dichlorophenylthio)-n-butyl)-1H-imidazole see butoconazole

4-(2-chlorophenyl)-1,4-dihydro-2,6-dimethyl-3,5-pyridinedicarboxylic acid methyl-2,2,2-trifluoroethyl ester see Bay K 9320

3-(p-chlorophenyl)-2,3-dihydro-3-hydroxythiazolo(3,2-a)benzimidazole-2-acetic acid see Wy-13876

5-(2-chlorophenyl)-1,3-dihydro-1-methyl-7-nitro-2H-1,4-benzodiazepin-2-one see ID-690

2-(4-chlorophenyl)-2,5-dihydropyrazolo(4,3-c) quinoline-3(3H)-one see CGS 9896

5-(2-chlorophenyl)-1,3-dihydro-2H-thieno (2,3-e)(1,4)diazepin-2-one
(RN) 36811-58-2
(SY) TDOH
(HM) *AZEPINES
(NO) structure given in first source

1-(3-chlorophenyl)-3-(2-(3,3-dimethyl-1-azetidinyl) ethyl)imidazolidin-2-one see zetidoline

1-(m-chlorophenyl)-3-N,N-dimethylcarbamoyl-5-methoxypyrazole see PZ 177

1-(3-chlorophenyl)-3-N,N-dimethylcarbamoyl-5-methoxypyrazole see PZ 177

1-(3-chlorophenyl)-3-(N,N-dimethylcarbamoyl)-5-methoxypyrazole see PZ 177

4-chloro-o-phenylenediamine see 4-chloro-1,2-diaminobenzene

4-chlorophenylethylamine see 4-chlorophenethylamine

4-(2-(2-chlorophenyl)ethyl)amino-8-methoxy-3,10-dimethyl-2,9-dioxatricyclo(4,3,1,0(3,7))decane see valorphin

4-(4-chlorophenyl)-1-(4-fluorophenyl)pyrazole-3- acetic acid see pirazolac

3-chlorophenyl geraniol ether see geraniol 3-chlorophenyl ether

3-(4-chlorophenyl)glutamic acid
(RN) 78590-22-4
(SY) beta-para-chlorophenylglutamate
(SY) chlorpheg
(HM) *GLUTAMATES

o-chlorophenylglyoxylonitrile oxime O,O-diethyl phosphorothioate see chlorphoxim

4-(4-(4-chlorophenyl)-4-hydroxy-1-piperidinyl)-1-(4-fluorophenyl)-1-butanol
(RN) 34104-67-1
(SY) reduced haloperidol
(HM) HALOPERIDOL/*analogs
(NO) structure in first source

1-(2-chlorophenyl)-1-(4-iodophenyl)-2,2-dichloroethane
(RN) 16608-69-8
(SY) I-DDD
(HM) DDD/*analogs
(NO) structure given in first source

4-chlorophenylmercapturic acid
(RN) 21462-48-6
(HM) ACETYLCYSTEINE/*analogs
(NO) RN given refers to (L)-cysteine; RN for cpd without isomeric designation not in Chemline 1/26/84

1-(3-chlorophenyl)-5-methoxy-N,N-dimethyl-1H-pyrazole-3-carboxamide see PZ 177

3-(4-chlorophenyl)-1-methoxy-1-methylurea see monolinuron

3-(4-((3-chlorophenyl)methoxy)phenyl)-5-((methylamino) methyl)-2-oxazolidinone see MD 780236

1-(3-chlorophenyl)-4-methyl-7,8-dimethoxy-5H-2,3-benzodiazepine see GYKI 51189

1H,4-(4-chlorophenyl)-5-methylimidazole see lofemizole

1-(2-chlorophenyl)-N-methyl-N-(1-methylpropyl)-3-isoquinolinecarboxamide see PK 11195

5-(o-chlorophenyl)-1-methyl-7-nitro-(1,4)-benzodiazepin-2-one see ID-690

5-(2-chlorophenyl)-1-methyl-7-nitro-(1,4)-benzodiazepin-2-one see ID-690

2-(4-((4-chlorophenyl)methyl)phenoxy)-2- methylbutanoic acid ethyl ester see beclobrate

2-(4-((4-chlorophenyl)methyl)phenoxy)-2- methylbutanoic acid 3-pyridinylmethyl ester see eniclobrate

2-(4-((4-chlorophenyl)methyl)phenoxy)-2-methyl butanoic acid see beclobrinic acid

1-(3-chlorophenyl)-4-(2-(5-methylpyrazol- 3-yl)ethyl) piperazine. di-HCl see mepiprazole

4-chlorophenyl methyl sulfide
(RN) 123-09-1
(SY) para-chlorophenyl methyl sulfide
(SY) CPMS
(HM) *CHLOROBENZENES
(HM) *SULFIDES
(NO) structure given in first source

4-chlorophenyl methyl sulfone
(RN) 98-57-7
(SY) para-chlorophenyl methyl sulfone
(SY) CPMSO2
(HM) *CHLOROBENZENES
(HM) *SULFONES
(NO) structure given in first source

4-(4-chlorophenyl)-2-oxo-3-butenoic acid
(RN) 33185-97-6
(RR) 42393-06-6 ((E)-isomer)
(RR) 86088-42-8 (1-(14)C-labeled cpd (E)-isomer)
(SY) 4-CPOB
(HM) *FATTY ACIDS, UNSATURATED
(PA) PYRUVATE DECARBOXYLASE/antag
(NO) RN given refers to unlabeled cpd without isomeric designation

S-(2-(5-(4-chlorophenyl)pentyl)oxiranecarboxylate-CoA see S-(2-(5-(4-chlorophenyl)pentyl)oxiranecarboxylate-coenzyme A

S-(2-(5-(4-chlorophenyl)pentyl) oxiranecarboxylate-coenzyme A
(RN) 81489-57-8
(SY) S-(2-(5-(4-chlorophenyl)pentyl) oxiranecarboxylate-CoA
(SY) coenzyme A, S-(2-(5-(4-chlorophenyl)pentyl) oxiranecarboxylate-
(SY) POCA-CoA
(HM) *ACYL COENZYME A

2-(5-(4-chlorophenyl)pentyl)oxirane-2-carboxylic acid see B 807-27

4-(4'-(2-chlorophenyl)phenyl)-4-oxo-2- methylenebutanoic acid see itanoxone

3-(4-chlorophenyl)-1-phenylpyrazole-4-acetic acid see lonazolac

4-(p-chlorophenyl)-2-phenyl-5-thiazoleacetic acid see fentiazac

2-chlorophenyl phosphoro-p-anisidochloridate see 2-chlorophenyl phosphoro-4-anisidochloridate

2-chlorophenyl phosphoro-4-anisidochloridate
(RN) 82556-11-4
(SY) ortho-chlorophenyl phosphoro-p-anisidochloridate
(SY) CPPAC
(SY) 2-chlorophenyl phosphoro-p-anisidochloridate
(HM) *PHOSPHORIC ACID ESTERS
(II) INDICATORS AND REAGENTS
(NO) phosphorylating reagent; structure given in first source

m-chlorophenylpiperazine see 1-(3-chlorophenyl)piperazine

1-(m-chlorophenyl)piperazine see 1-(3-chlorophenyl)piperazine

1-(3-chlorophenyl)piperazine
(RN) 6640-24-0
(RR) 51639-49-7 (di-HCl)
(RR) 13078-15-4 (mono-HCl)
(SY) 1-(m-chlorophenyl)piperazine
(SY) m-chlorophenylpiperazine
(SY) meta-chlorophenylpiperazine
(SY) 3-chlorophenylpiperazine
(HM) *PIPERAZINES
(NO) supposed metabolite of TRAZODONE; RN given refers to parent cpd; structure

3-chlorophenylpiperazine see 1-(3-chlorophenyl)piperazine

(1,3-(4-m-chlorophenyl-1-piperazinyl)propyl)-3,4-diethyl-delta(2)-1,2,4-triazolin-5-one see etoperidone

7-chloro-5-phenyl-1-propargyl-1,4- benzodiazepin-2- one see pinazepam

O-(6-chloro-3-phenyl-4-pyridazinyl)carbonothioic acid S-octyl ester see pyridate

5-(p-chlorophenyl)silatrane see 5-(4-chlorophenyl)silatrane

5-(4-chlorophenyl)silatrane
(RN) 29025-67-0
(SY) 5-(p-chlorophenyl)silatrane
(HM) *BICYCLO COMPOUNDS
(HM) *SILICON
(PA) RODENTICIDES
(NO) rodenticide against rats & mice; structure

1-(o-chlorophenyl)-2-tert-butylaminoethanol see tulobuterol

4-(3-chlorophenyl)-1,6,7,8-tetrahydro-1,3-dimethylpyrazolo(3,4-e)(1,4)diazepine see zometapine

10-(m-chlorophenyl)-2,3,4,10-tetrahydropyrimidol(1,2-a)indole-10-ol HCl see ciclazindol

2-(o-chlorophenyl)thiadiazole-5-sulfonamide see CL 13580

2-(p-chlorophenyl)thiazolidine see 2-(4-chlorophenyl)thiazolidine

2-(4-chlorophenyl)thiazolidine
(RN) 7738-99-0
(SY) 2-(p-chlorophenyl)thiazolidine
(HM) *THIAZOLES
(NO) structure given in first source

3-(p-chlorophenyl)thiazolo(3,2-a)benzimidazole-2- acetic acid see Wy-18,251

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4-(p-chlorophenylthio)butanol see W-2719

8-(4-chlorophenylthio)cAMP see 8-((4-chlorophenyl)thio)cyclic-3',5'-AMP

8-(p-chlorophenylthio)cyclic-3',5'-AMP see 8-((4-chlorophenyl)thio)cyclic-3',5'-AMP

8-((4-chlorophenyl)thio)cyclic-3',5'-AMP

(RN) 41941-66-6
(SY) 8-(4-chlorophenylthio)cAMP
(SY) 8-(p-chlorophenylthio)cyclic-3',5'-AMP
(HM) ADENOSINE CYCLIC MONOPHOSPHATE/*analogs
(HM) *THIONUCLEOTIDES

O-(4((4-chlorophenyl)thio)phenyl) O-ethyl S-propyl phosphorothioate see RH 0994

2-(4-chlorophenylthio)triethylamine

(RN) 14214-33-6
(RR) 13663-07-5 (HCl)
(SY) 2-(4-chlorophenylthio)triethylamine
(SY) CPTA
(HM) *ETHYLAMINES
(NO) causes accumulation of lycopene at expense of other carotenoids in carotenogenic tissues; RN given refers to parent cpd

2-(4-chlorophenylthio)triethylamine see 2-(4-chlorophenylthio)triethylamine

4-chlorophenyl-2,4,5-trichlorophenylsulfide see tetrasul

p-chlorophenyl 2,4,5-trichlorophenyl sulfone see tetradifon

chlorophyll a

(RN) 479-61-8
(SY) chlorophyll a2
(HM) *CHLOROPHYLL
(II) PIGMENTS
(NO) structure in Merck Index, 9th ed, #2137

chlorophyll ab-proteins see reaction-center protein, plant

chlorophyll ac-proteins see reaction-center protein, plant

chlorophyllase

(RN) EC 3.1.1.14
(RR) 9025-96-1 (CRN)
(SY) chlorophyll chlorophyllido-hydrolase
(HM) *CARBOXYLIC ESTER HYDROLASES

chlorophyll a2 see chlorophyll a

chlorophyll b

(RN) 519-62-0
(HM) *CHLOROPHYLL

chlorophyll chlorophyllido-hydrolase see chlorophyllase

chlorophyllide b

(RN) 14428-12-7
(HM) *CHLOROPHYLLIDES

chlorophyllin

(RN) 15611-43-5
(RR) 11006-34-1 (Na-Cu complex)
(SY) sodium copper chlorophyllin
(SY) Cu-Chl-Na
(SY) chlorophyllin a
(HM) *CHLOROPHYLLIDES
(NO) careful alkaline hydrolysis replaces methyl & phytyl ester groups of chlorophyll with Na or K; resulting salts are water-soluble chlorophyllins; RN given refers to chlorophyllin a; RN for cpd without isomeric designation not in Chemline 7/7/83

chlorophyllin a see chlorophyllin

chlorophyll a-b-light harvesting complex see reaction-center protein, plant

2-chlorophylloquinone see chloro-K

chlorophyll protein complexes see reaction-center protein, plant

chlorophyll a-proteins see reaction-center protein, plant

chlorophyllypt

(RN) 12750-97-9
(HM) *CHLOROPHYLL
(HM) *PLANT EXTRACTS
(HM) DRUG COMBINATIONS
(PA) ANTI-INFECTIVE AGENTS
(II) OPHTHALMIC SOLUTIONS
(NO) antibacterial preparation consisting of chlorophyll & other substances extracted from eucalyptus leaves; Russian drug

chloropicrin

(RN) 76-06-2
(SY) trichloronitromethane
(HM) *HYDROCARBONS, CHLORINATED
(II) CHEMICAL WARFARE AGENTS
(NO) major descriptor (66-85); on-line search HYDROCARBONS, CHLORINATED (66-85); Index Medicus search CHLOROPICRIN (66-85)

6-chloro-2-(1-piperazinyl)pyrazine see MK-212

2-chloro-12-(2-piperidinoethyl)dibenzo(d,g)-1,3,6-dioxazocine see EGYT 2347

chloroplatinic acid

(RN) 16941-12-1
(HM) *PLATINUM
(II) INDICATORS AND REAGENTS
(NO) structure

chloro-poly(methylene-4-phenylene-methylene dimethyl aminoethylene-diamine dichloride see chloro-poly(methylene-4-phenylene-methylene dimethyl aminoethylene-diamine

chloro-poly(methylene-4-phenylene-methylene dimethyl aminoethylene-diamine

(SY) Cl-poly(MPMDAD)
(SY) chloro-poly(methylene-4-phenylene-methylene dimethyl aminoethylene-diamine dichloride
(HM) *POLYMERS
(NO) polycation that interacts strongly with nucleic acids; structure

chloroprocaine

(RN) 133-16-4
(RR) 3858-89-7 (HCl)
(SY) chlor-procaine
(SY) 2-chloroprocaine
(HM) PROCAINE/*analogs
(PA) ANESTHETICS, LOCAL
(NO) RN given refers to parent cpd; structure

2-chloroprocaine see chloroprocaine

21-chloroprogesterone

(RN) 26987-64-4
(HM) PROGESTERONE/*analogs
(II) AFFINITY LABELS

1-chloro-2-propanol

(RN) 127-00-4
(RR) 28064-81-5 (cpd with unspecified locants)
(RR) 20008-07-5 ((DL)-isomer)
(HM) *CHLOROHYDRINS
(NO) RN given refers to cpd without isomeric designation

1-chloropropene oxide see 1-chloro-1,2-epoxypropane

4-chloropropionanilide

(RN) 2759-54-8
(HM) *ANILIDES

2-chloropropionate dehalogenase see 2-haloacid dehalogenase

2-chloropropionate see 2-chloropropionic acid

2-chloropropionic acid

(RN) 598-78-7
(RR) 16987-02-3 (Na salt)
(RR) 29617-66-1 ((S)-isomer)
(RR) 28554-00-9 (cpd with unspecified locant for chlorine)
(SY) 2-chloropropionate
(SY) sodium-2-chloropropionate
(HM) *PROPIONIC ACIDS
(NO) RN given refers to parent cpd with specified chlorine locant; structure

3-chloropropionyl-CoA see 3-chloropropionyl-coenzyme A

3-chloropropionyl-coenzyme A

(RN) 96212-36-1
(RR) 96212-37-2 (14C-labeled cpd)
(RR) 96212-38-3 (3'-(32)P-labeled cpd)
(SY) 3-chloropropionyl-CoA
(SY) coenzyme A, 3-chloropropionyl
(HM) *ACYL COENZYME A
(PA) HYDROXYMETHYLGLUTARYL COA SYNTHASE/antag
(NO) RN given from first source; RN refers to unlabeled cpd; RN not in Chemline 10/85

chloropropylamphetamine see mefenorex

chloropropylate

(RN) 5836-10-2
(HM) *BENZILATES
(PA) INSECTICIDES, ORGANOCHLORINE
(NO) structure

7-chloro-5-propyl(1,2,4-triazolo(4,3-a)quinoxaline-1,4(2H,5H)-dione see RHC 3164

6-chloropurine 9-beta-D-ribofuranosyl 5'-monophosphate

(RN) 5843-59-4
(SY) 6-chloropurine riboside 5'-monophosphate
(SY) 6-chloropurine ribotide
(HM) *PURINE NUCLEOTIDES

6-chloropurine riboside 5'-monophosphate see 6-chloropurine 9-beta-D-ribofuranosyl 5'-monophosphate

6-chloropurine ribotide see 6-chloropurine 9-beta-D-ribofuranosyl 5'-monophosphate

chloropyramine

(RN) 59-32-5
(RR) 10458-04-5 (unspecified HCl)
(RR) 6170-42-9 (mono-HCl)
(SY) halopyramine
(SY) suprastin
(SY) chlorpyramine
(SY) N-(p-chlorobenzyl)-N-(2-pyridyl)-N',N''-dimethylethylenediamine
(HM) *ETHYLENEDIAMINES
(PA) ANTIHISTAMINICS
(NO) RN given refers to parent cpd; structure

1-chloropyrene

(RN) 34244-14-9
(HM) *PYRENES
(PA) MUTAGENS
(NO) structure given in first source

6-(5-chloro-2-pyridyl)-6,7-dihydro-7-oxo-5H-pyrrolo(3,4-b)pyrazin-5-yl 4-methyl-1-piperazinecarboxylate see zopiclone

2-(3-chloro-4-(3-pyrroli-1-yl)phenyl)propionic acid see pirprofen

chloropyruvate see chloropyruvic acid

chloropyruvic acid

(RN) 3681-17-2
(SY) chloropyruvate
(HM) *PYRUVATES

chloroquine diphosphate
(RN) 50-63-5
(RR) 69698-56-2 ((+-)-isomer)
(RR) 69698-55-1 ((+)-isomer)
(RR) 67459-54-5 ((-)-isomer)
(RR) 56411-58-6 (unspecified phosphate)
(SY) delagil
(SY) chloroquine phosphate
(SY) resochin
(SY) arechin
(HM) CHLOROQUINE/*analogs
(PA) ANTIMALARIALS
(PA) ANTI-INFLAMMATORY AGENTS
(NO) RN given refers to diphosphate[1:2] cpd without isomeric designation

chloroquine phosphate see chloroquine diphosphate

chloroquine receptor
(SY) chloroquine receptors
(SY) receptor, chloroquine
(HM) *RECEPTORS, DRUG
(II) CHLOROQUINE

chloroquine receptors see chloroquine receptor

5-chlorosalicylic acid
(RN) 321-14-2
(RR) 41205-02-1 (unspecified Cu salt)
(RR) 10265-67-5 (mono-Na salt)
(RR) 54510-09-7 (cpd with unspecified locant for chlorine)
(HM) *SALICYLIC ACIDS
(NO) major metabolite of meseclazone; RN given refers to parent cpd

3'-chloro-4-stilbazole
(RN) 31428-94-1
(RR) 32598-01-9 (HCl)
(HM) *PYRIDINES
(PA) CHOLINESTERASE INHIBITORS
(NO) RN given refers to parent cpd

N-chlorosuccinimide
(RN) 128-09-6
(HM) *SUCCINIMIDES

1-chlorosucrose
(RN) 64644-62-8
(SY) 1-chloro-1-deoxysucrose
(HM) SUCROSE/*analogs
(NO) RN given refers to (alpha-D,beta-D)-isomer; RN for cpd without isomeric designation not in Chemline 11/15/83

4-chloro-5-sulfamoylanthranilic acid
(RN) 3086-91-7
(HM) *ANTHRANILIC ACIDS
(NO) hydrolysis product of furosemide

5-(4-chloro-5-sulfamyl-2-thienylaminophenyl)tetrazole see azosemid

4-chloro-7-sulfobenzofurazan
(RN) 81377-14-2
(SY) ammonium 4-chloro-7-sulfobenzofurazan
(SY) ACSBF
(HM) *BENZOXAZOLES
(II) SULFHYDRYL REAGENTS
(NO) fluorigenic thiol-specific reagent; structure given in first source

chlorosulfonic acid
(RN) 7790-94-5
(HM) *SULFONIC ACIDS

N-chlorosulfonyl isocyanate
(RN) 1189-71-5
(SY) N-chlorosulfonylisocyanate
(HM) *CYANATES
(NO) reagent for modification of polymers used in preparation of membranes

N-chlorosulfonylisocyanate see N-chlorosulfonyl isocyanate

chlorosyl
(RN) 12301-79-0
(SY) chlorine oxide (ClO)
(SY) chlorosyl ion
(HM) *CHLORINE

chlorosyl ion see chlorosyl

4-chlorotamoxifen
(RN) 77588-46-6
(SY) para-chlorotamoxifen
(HM) TAMOXIFEN/*analogs
(PA) ESTROGEN ANTAGONISTS
(NO) RN given refers to (E)-isomer; RN for cpd without isomeric designation not in Chemline 8/1/83

N-chlorotaurine
(RN) 51036-13-6
(SY) taurine monochloramine
(HM) TAURINE/*analogs

5-chloro-3-tert-butyl-2'-chloro-4'-nitrosalicylanilide see S 13

5-chloro-3-tert-butyl-2'-nitrososalicylanilide
(RN) 21889-00-9
(HM) *SALICYLANILIDES

8-chloro-tetrahydroisoquinoline-7-sulfonamide see SK&F 83593

6-chloro-2,3,4,5-tetrahydro-3-methyl-1H-3-benzazepine see SK&F 86466

10-chloro-2,3,7,11b-tetrahydro-3-methyl-11b-(2-chlorophenyl)oxazolo(3,2-d)(1,4)benzodiazepin-6(5H)- one see CS-386

8-chloro-2,3,4,5-tetrahydro-3-methyl-5-phenyl-1H-3-benzazepine-7-ol see SCH 23390

10-chloro-2,3,7,11b-tetrahydro-2-methyl-11b-phenylbenzo(6,7)(1,4)diazepino(5,4-b) oxazol-6-one see oxazolam

chlorothalonil see tetrachloroisophthalonitrile

8-chlorotheophylline
(RN) 85-18-7
(RR) 46264-79-3 (Na salt)
(SY) sodium-8-chlorotheophylline
(SY) S8CT
(HM) THEOPHYLLINE/*analogs
(NO) RN given refers to parent cpd

1-(5-chlorothien-2-yl)-2-(1H-imidazol-1-yl)ethanone 2,6-dichlorophenylhydrazone
(RN) 80168-44-1
(RR) 80168-45-2 (HCl(Z)-isomer)
(HM) *IMIDAZOLES
(PA) ANTIFUNGAL AGENTS
(NO) RN from first source refers to HCl, (E)-isomer; RN for parent cpd not in Chemline 7/29/83; structure given in first source

chlorothricin
(RN) 34707-92-1
(HM) GLYCOSIDES
(PA) ANTIBIOTICS

N-chlorothylnitrosourea sarcosinamide see 2-((((2-chloroethyl)nitrosoamino)carbonyl)amino) propanamide

2'-chlorothymidine
(RN) 54898-34-9
(SY) 2'-chloro-2'-deoxythymidine
(HM) THYMIDINE/*analogs

o-chlorotoluene see 2-chlorotoluene

(N-chloro-p-toluenesulfonamide)sodium see chloramine-T

2-chlorotoluene
(RN) 95-49-8
(RR) 58462-76-3 (ion(+1))
(SY) o-chlorotoluene
(SY) ortho-chlorotoluene
(HM) TOLUENE/*analogs
(II) WATER POLLUTANTS, CHEMICAL
(NO) RN given refers to parent cpd

3-chloro-p-toluidine.HCl see starlicide

3-chloro-p-toluidine see starlicide

4-chloro-o-toluidine see 4-chloro-2-toluidine

4-chloro-2-toluidine
(RN) 95-69-2
(RR) 3165-93-3 (HCl)
(SY) 4-chloro-o-toluidine
(HM) *TOLUIDINES
(II) DYES
(NO) RN given refers to parent cpd

2-(2-chloro-p-toluidino)-2-imidazoline nitrate see tolonidine

chlorotoluron see chlortoluron

N-(3-chloro-o-tolyl)anthranilic acid see tolfenamic acid

N'-(4-chloro-o-tolyl)-N-methylformamidine see demethylchlordimeform

3-chlorotriamcinolone acetonide
(SY) 3-Cl-TA
(SY) 3-chlorotriamcinolone 16,17-acetonide
(HM) TRIAMCINOLONE ACETONIDE/*analogs
(II) GLUCOCORTICOIDS, SYNTHETIC

3-chlorotriamcinolone 16,17-acetonide see 3-chlorotriamcinolone acetonide

1-chloro-2,2,2-trifluoroethane
(RN) 1330-45-6
(HM) *HYDROCARBONS, HALOGENATED
(HM) ETHANE/*analogs

2-chloro-1,1,1,-trifluoroethane see 1,1,1-trifluoro-2-chloroethane

7-chloro-1-(2,2,2-trifluoroethyl)-1,3-dihydro-5-(2-fluorophenyl)-2H-1,4-benzodiazepin-2-one see SCH 15-725

chlorotrifluoroethylene
(RN) 79-38-9
(HM) *HYDROCARBONS, HALOGENATED

7-chloro-1-(2,2,2-trifluoroethyl)-3-hydroxy-5-(2-fluorophenyl)-1,3-dihydro-2H-1,4-benzodiazepine-2-one see SCH 23-324

2-(3-chloro-4-trifluoromethyl)anilino-3,5- dinitrothiophene see ANT 2p

7-chloro-6-(trifluoromethyl)-1,2,4-benzothiadiazine 1,1-dioxide see LN 5330

N-(2-chloro-5-(trifluoromethyl)phenyl)-2,4-dinitro-6-(trifluoromethyl)benzenamine see 2'-chloro-2,4-dinitro-5'-6-di(trifluoromethyl) diphenylamine

2-(2-chloro-5-trifluoromethylphenylimino)imidazolidine see St 587

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6-chlorotryptophan
(RN) 17808-35-4
(RR) 17808-21-8 ((DL)-isomer)
(RR) 33468-35-8 ((R)-isomer)
(HM) TRYPTOPHAN/*analogs
(II) SWEETENING AGENTS
(NO) RN given refers to cpd without isomeric designation

7-chlorotryptophan
(RN) 153-97-9
(HM) TRYPTOPHAN/*analogs
(NO) RN given refers to (DL)-isomer; RN for cpd without isomeric designation not in Chemline 8/1/83

5-chlorouracil
(RN) 1820-81-1
(HM) URACIL/*analogs

6-chlorouracil
(RN) 4270-27-3
(HM) URACIL/*analogs
(II) CHLORINE
(II) RADIOISOTOPES
(NO) radiolabelled with 36Cl

5-(2-chlorovinyl)-2'-deoxyuridine
(RN) 74131-08-1
(SY) 5-(2-chlorovinyl)-2'-dUrd
(SY) (E)-5-(2-chlorovinyl)-dUrd
(HM) DEOXYURIDINE/*analogs
(PA) THYMIDINE KINASE/antag
(PA) ANTIVIRAL AGENTS
(NO) inhibits deoxythymidine kinases; structure in first source

(E)-5-(2-chlorovinyl)-dUrd see 5-(2-chlorovinyl)-2'-deoxyuridine

5-(2-chlorovinyl)-2'-dUrd see 5-(2-chlorovinyl)-2'-deoxyuridine

2-chlorovitamin K1 see chloro-K

chloroxine
(RN) 773-76-2
(RR) 81117-07-9 (HF)
(SY) chlorquinol
(SY) dichlorohydroxyquinoline
(SY) dichloroquine
(SY) quixalin
(HM) *CHLOROQUINOLINOLS
(PA) AMEBICIDES
(NO) RN given refers to parent cpd; structure

chloroxylenol
(RN) 88-04-0
(RR) 58962-45-1 (K salt)
(RR) 54983-54-9 (Na salt)
(SY) dettol
(SY) p-chloro-m-xylenol
(SY) PCMX
(SY) 2-chloro-5-hydroxy-1,3-dimethylbenzene
(HM) *XYLENES
(PA) ANTI-INFECTIVE AGENTS, LOCAL
(PA) SCHISTOSOMICIDES
(II) DISINFECTANTS
(NO) topical antiseptic; RN given refers to parent cpd; structure

p-chloro-m-xylenol see chloroxylenol

4-chloro-6-(2,3-xylidine)-2-pyrimidinylthioacetic acid see Wy 14643

4-chloro-6-(2,3-xylidine)-2-pyrimidinylthio(N-beta-hydroxyethyl)acetamide see BR-931

(4-chloro-6-(2,3-xylidino)-2-pyrimidinylthio)acetic acid see Wy 14643

chloroxymorphamine
(RN) 71360-45-7
(RR) 70796-16-6 (di-HCl(5alpha,6beta)-isomer)
(SY) 6 beta-N,N-bis(2-chloroethyl)oxymorphone
(HM) OXYMORPHONE/*analogs
(HM) *NITROGEN MUSTARD COMPOUNDS
(PA) NARCOTICS
(PA) ALKYLATING AGENTS
(NO) opioid receptor site-directed alkylating agent with narcotic agonist activity; RN given refers to (5alpha,6beta)-isomer; RN for cpd without isomeric designation not in Chemline 3/84; structure

chlorozotocin
(RN) 54749-90-5
(RR) 69839-80-1 ((L)-isomer)
(SY) NSC 178,248
(SY) 2-(3-(2-chloroethyl)-3-nitrodoureido)-2-deoxy-D-glucopyranose
(HM) STREPTOZOTOCIN/*analogs
(PA) ANTINEOPLASTIC AGENTS
(PA) CARCINOGENS
(NO) 2-chloroethyl analog of streptozotocin with superior activity against leukemia L1210 and reduced bone marrow toxicity; RN given refers to (D)-isomer; RN for cpd without isomeric designation not in Chemline 3/84; structure

Chlorpactin WCS 90 see oxychlorosene

chlorphanazin
(HM) *ANTINEOPLASTIC AGENTS
(PA) ALKYLATING AGENTS
(PA) CARCINOGENS
(NO) alkylating agent used in treatment of Hodgkin's disease & polycythemia; 7 of 20 patients treated with 100g or more developed bladder neoplasms; no other chem info available 11/84

chlorpheg see 3-(4-chlorophenyl)glutamic acid

chlorphenesin carbamate
(RN) 886-74-8
(HM) CHLORPHENESIN/*analogs

chlorphenethazine see chlorfenethazine

chlorphenoxamine
(RN) 77-38-3
(RR) 562-09-4 (HCl)
(HM) *ETHYLAMINES
(PA) PARASYMPATHOLYTICS
(NO) minor descriptor (66-84); on-line & Index Medicus search ETHYLAMINES (66-84); RN given refers to parent cpd

chlorphoxim
(RN) 14816-20-7
(SY) Bay 78182
(SY) o-chlorophenylglyoxylonitrile oxime O,O-diethyl phosphorothioate
(HM) *ORGANOTHIOPHOSPHORUS COMPOUNDS
(PA) INSECTICIDES, ORGANOTHIOPHOSPHATE
(NO) structure

chlorprenaline see clorprenaline

chlor-procaine see chloroprocaine

chlorpromazine methiodide see methochlorpromazine

chlorpromazine N-oxide
(RN) 1672-76-0
(HM) CHLORPROMAZINE/*analogs

chlorpromazine receptor
(SY) chlorpromazine receptors
(SY) receptor, chlorpromazine
(HM) *RECEPTORS, DOPAMINE

chlorpromazine receptors see chlorpromazine receptor

chlorpromazine sulfoxide see opromazine

chlorprothixene S-oxide see chlorprothixene sulfoxide

chlorprothixene sulfoxide
(RN) 10120-63-5
(RR) 16260-06-3 ((Z)-isomer)
(RR) 1508-29-8 (HCl)
(SY) chlorprothixene S-oxide
(HM) CHLORPROTHIXENE/*analogs
(NO) metabolite of chlorprothixene; RN given refers to cpd without isomeric designation

chlorpyramine see chloropyramine

chlorpyrifos-methyl
(RN) 5598-13-0
(SY) Dowco 214
(SY) Reldan
(HM) DURSBAN/*analogs

chlorpyrifos oxon see O,O-diethyl O-3,5,6-trichloro-2-pyridyl phosphate

chlorquinol see chloroxine

chlorsulfuron
(RN) 64902-72-3
(RR) 79793-04-7 (mono-NH4 salt)
(SY) 2-chloro-N-(((4-methoxy-6-methyl-1,3,5-triazin-2-yl)amino)carbonyl)benzensulfonamide
(HM) *TRIAZINES
(PA) HERBICIDES, TRIAZINE
(NO) RN given refers to parent cpd; structure given in first source

chlorsuperlutin
(RN) 6799-23-1
(RR) 34182-57-5 ((9beta,10alpha)-isomer)
(SY) 17-acetoxy-6-chloro-16-methylenepregna-4,6-diene-3,20-dione
(SY) 6-chloromethylenedehydroacetoxyprogesterone
(SY) agelin
(HM) CHLORMADINONE/*analogs
(NO) RN given refers to cpd without isomeric designation; structure

chlortoluron
(RN) 15545-48-9
(SY) chlorotoluron
(HM) *PHENYLUREA COMPOUNDS
(PA) HERBICIDES, UREA

chlorzolamide see CL 13580

chloxyl see hexachloro-4-xylene

ChlVPP
(HM) CHLORAMBUCIL
(HM) VINBLASTINE
(HM) PROCARBAZINE
(HM) PREDNISOLONE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

CHMADO see 4-chloro-11-hydroxy-17-methylandrosta-1,4-dien-3-one

CH-A1-MG see chorionic alpha(1)-microglobulin

CHMSA dehydrogenase see 5-carboxymethyl-2-hydroxymuconic acid semialdehyde dehydrogenase

CHO see CAV

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Chocolate Brown HT
(RN) 4553-89-3
(SY) C.I. 20285
(SY) 4,4'-((2,4-dihydroxy-5-(hydroxymethyl)-m-phenylene)bis(azo))di-1-naphthalenesulfonic acid, disodium salt
(HM) *AZO COMPOUNDS
(II) DYES
(II) FOOD COLORING AGENTS

CHOD-PAP reagent see Boehringer Mannheim reagents

cholagogum
(HM) *PLANT EXTRACTS
(HM) DRUG COMBINATIONS
(PA) CHOLAGOGUES AND CHOLERETICS
(NO) combination of many plant extracts

3-((3-cholamidopropyl, dimethylammonium)- 1-propanesulfonate
(RN) 75621-03-3
(SY) cholic acid sulfobetaine1-Propanaminium, N,N-dimethyl-3-sulfo-N-(3-(((3alpha,5beta,7alpha, 12alpha)-3,7,12-trihydroxy-24-oxocholan-24-yl) amino)propyl)-, hydroxide, inner salt
(SY) CHAPS
(SY) 1-Propanaminium, N,N-dimethyl-3-sulfo-N-(3-((3alpha,5beta,7alpha)-3,7,12-trihydroxy-24-oxocholan-24-yl)amino)propyl)-,hydroxide, inner salt
(HM) *CHOLIC ACIDS
(II) DETERGENTS
(NO) structure given in first source

cholanic acid
(RN) 25312-65-6
(RR) 546-18-9 (former CAS registry number)
(SY) ursocholanic acid
(SY) cholanoic acid
(HM) *CHOLANES
(NO) additional RN in Chemline: 25312-65-6; structure

cholanoic acid see cholanic acid

cholanoyl amino acid hydrolase see choloylglycine hydrolase

cholanthrylene see benz(j)aceanthrylene

chol-1 antigen
(SY) antigen chol-1
(HM) *ANTIGENS, SURFACE
(NO) cholinergic-specific antigen detected on cholinergic nerve terminals

cholanyl-7alpha-dehydroxylase see cholanyl dehydroxylase

cholanyl dehydroxylase
(RN) EC 4.2.1.-
(SY) cholanyl-7alpha-dehydroxylase
(HM) *HYDRO-LYASES

cholate see cholic acid

cholate CoA ligase see choloyl-CoA synthetase

cholate glucuronide see cholic acid glucuronide

chol-DTTA see 3-cholesteryl 6-(N-iminobis(ethylenenitrilo) tetracetic acid)hexyl ether

cholecalciferol-25-hydroxylase
(RN) EC 1.14.-
(SY) vitamin D3-25-hydroxylase
(SY) vitamin D-25-hydroxylase
(HM) *STEROID HYDROXYLASES

cholecalciferol-10-one see 10-ketovitamin D3

cholecalciferol palmitate see vitamin D3 palmitate

cholecystokinin (27-32)-amide
(RN) 86367-90-0
(SY) CCK-27-32-NH2
(HM) *CHOLECYSTOKININ
(HM) *PEPTIDE FRAGMENTS
(NO) CCK C-terminal heptapeptide minus COOH-terminal Phe residue; CCK receptor antagonist

cholecystokinin-cleaving enzyme see cholecystokinin converting enzyme

cholecystokinin converting enzyme
(RN) EC 3.4.-
(SY) cholecystokinin-cleaving enzyme
(HM) *PEPTIDE PEPTIDOHYDROLASES

cholecystokinin octapeptide receptor
(SY) receptor, CCK-8
(SY) CCK-8 receptors
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) SINCALIDE
(II) PEPTIDE FRAGMENTS

cholecystokinin-5-pentagastrin
(SY) CCK-5-PG
(HM) PENTAGASTRIN/*analogs
(HM) CHOLECYSTOKININ/*analogs
(NO) selective ligand probe for brain receptors

cholecystokinin receptor
(SY) cholecystokinin receptors
(SY) receptor, cholecystokinin
(SY) CCK receptor
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) CHOLECYSTOKININ

cholecystokinin receptors see cholecystokinin receptor

cholecystokinin-22 C-terminal fragment
(SY) CCK-22
(SY) CCK-22 C-terminal fragment
(HM) *CHOLECYSTOKININ
(HM) *PEPTIDE FRAGMENTS

cholecystokinin C-terminal heptapeptide see cholecystokinin (27-33)

cholecystokinin (25-33), 28-threonyl-31-isoleucine- see cholecystokinin (25-33), Thr(28)-Nle(31)-

cholecystokinin (25-33), Thr(28)-Nle(31)-
(SY) cholecystokinin (25-33), 28-threonyl-31-isoleucine-
(SY) 28-threonyl-31-isoleucine-cholecystokinin (25-33)
(SY) Thr(28)-Nle(31)-cholecystokinin (25-33)
(SY) CCK-(25-33), Thr(28)-Nle(31)-
(HM) *CHOLECYSTOKININ
(HM) *PEPTIDE FRAGMENTS

cholecystokinin (26-32)
(SY) CCK (26-32)
(HM) SINCALIDE/*analogs
(NO) cholecystokinin receptor antagonist

cholecystokinin (26-33)
(RN) 80980-81-0
(SY) CCK (26-33)
(HM) SINCALIDE/*analogs
(NO) cholecystokinin receptor antagonists

cholecystokinin (27-33)
(RN) 20988-64-1
(SY) CCK(27-33)
(SY) CCK-7
(SY) CCK-7S
(SY) CCK-7-sulfated
(SY) cholecystokinin C-terminal heptapeptide
(HM) *SINCALIDE
(HM) *PEPTIDE FRAGMENTS

cholecystokinin 39 see CCK-39

cholecystokinin-58
(RN) 83381-92-4
(SY) CCK-58
(SY) canine intestinal cholecystokinin-58
(HM) *CHOLECYSTOKININ

choledyl see cholinophyllin

choledyl-SA see cholinophyllin

5-chol-3-en-24-oic acid
(RN) 28083-35-4
(SY) 5 beta-chol-3-ene-24-oic acid
(HM) CHOLIC ACIDS/*analogs
(NO) RN given refers to (5beta)-isomer; RN for cpd without isomeric designation not in Chemline 8/84

cholera enterotoxin see enterotoxin, Cholera

choleragen receptor
(SY) cholera toxin binding glycoproteins
(SY) receptor, cholera toxin
(SY) cholera toxin receptor
(SY) choleragen receptors
(SY) receptor, choleragen
(HM) *RECEPTORS, IMMUNOLOGIC
(II) CHOLERA TOXIN
(NO) from microvillus membranes of rat intestine & a wide variety of vertebrate cells

choleragen receptors see choleragen receptor

cholera lectin
(HM) *BACTERIAL PROTEINS
(II) VIBRIO CHOLERAE
(II) HEMAGGLUTININS
(NO) soluble protein hemagglutinin produced by Vibrio cholerae strain CA401

cholera toxin binding glycoproteins see choleragen receptor

cholera toxin receptor see choleragen receptor

cholera toxoid
(HM) *TOXOIDS
(II) VIBRIO CHOLERAE
(NO) cholera toxin treated with formalin; binds to same receptor as intact cholera toxin but does not increase cyclic AMP in contrast to intact cholera toxin

cholesolvin see simfibrate

5,7-cholestadien-24 alpha-ethyl-3-beta-ol see 7-dehydrositosterol

5,22-cholestadien-3beta-ol
(RN) 34347-28-9
(RR) 566-89-2 (former CAS registry number)
(RR) 26033-10-3 ((3beta)-(22Z)-isomer)
(SY) delta 5,22-cholestadien-3beta-ol
(SY) 22-dehydrocholesterol
(HM) *DEHYDROCHOLESTEROLS
(NO) RN given refers to ((3beta)-(22E))-isomer; RN for cpd without isomeric designation not in Chemline 7/7/83

cholesta-5,7-dien-3 beta-ol see 7-dehydrocholesterol

cholesta-5,24-dienc-3 beta-22-diol see 22(R)-hydroxydesmosterol

cholestan-5 alpha,6 alpha-epoxy-3 beta-ol see cholesterol alpha-oxide

cholestane-3 beta,5 alpha,6 beta-triol
(RN) 1253-84-5
(SY) 3beta, 5alpha, 6beta-cholestenetriol
(HM) *CHOLESTANOLS
(PA) ANTILIPEMIC AGENTS
(NO) structure

5-cholestane-3,7,12,25,26-pentol see 5 beta-bufol

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5-cholestane-3,7,12,26,27-pentol
(RN) 2952-70-7
(SY) 5 beta-cholestane-3 alpha,7 alpha,12 alpha,26, 27-pentol
(HM) *CHOLESTANOLS
(NO) bile alcohol found in urine; RN given refers to (3alpha,5alpha,7alpha,12alpha)-isomer; RN for cpd without isomeric designation not in Chemline 7/84

5-cholestane-3,7,12,26(27)-tetrol see 5 beta-cholestane-3 alpha,7 alpha,12 alpha,26-tetrol

cholestanetriol 26-hydroxylase2fr r=5 see cholestanetriol 26-monooxygenase

cholestanetriol 26-monooxygenase
(RN) EC 1.14.13.15
(SY) 5 beta-cholestane-3 alpha,7 alpha,12 alpha- triol 27-monooxygenase
(SY) 5 beta-cholestane-3 alpha,7 alpha-diol 27-monooxygenase
(SY) THC 27-monooxygenase
(SY) DHC 27-monooxygenase
(SY) C27-steroid 26-hydroxylase
(SY) cholestanetriol 26-hydroxylase2fr r=5
(HM) *STEROID HYDROXYLASES
(NO) acts on either C26 or C27 carbon atom

cholestane-3,7,25-triol
(RN) 61088-54-8
(RR) 38623-79-9 ((3alpha,5beta,7alpha)-isomer)
(SY) 5alpha-cholestane-3alpha,7alpha,25-triol
(SY) C-3,7,25-T
(SY) 5beta-cholestane-3beta,7alpha,25-triol
(HM) *CHOLESTANOLS
(NO) RN given refers to (3alpha,5alpha,7alpha)-isomer; RN for cpd without isomeric designation not in Chemline 7/8/83; structure in first source

cholestatic factor
(HM) *LYMPHOKINES
(NO) from culture fluid of lymphocytes of tuberculin-sensitized guinea pigs stimulated with PPD; caused marked reduction in bile flow when injected into mesenteric vein of rats

cholesta-5,7,9-trien-3 beta-ol
(RN) 51982-45-7
(SY) delta(5,7,9(11))-cholestatriene-3 beta-ol
(HM) *CHOLESTENES
(NO) potent inhibitor of cholesterol biosynthesis & of 3-hydroxy-3-methyl-glutaryl CoA reductase (EC 1.1.1.34) in MRC-5 fibroblasts in culture

cholest-4-en-7 alpha-ol-3-one see 7 alpha-hydroxy-4-cholesten-3-one

cholest-5-en-3 beta,7 alpha-diol
(RN) 566-26-7
(RR) 6454-11-1 ((3beta,7alpha)-isomer, 14C-labeled cpd)
(RR) 566-27-8 ((3beta,7beta)-isomer)
(RR) 16840-37-2 ((3beta)-isomer)
(SY) 7 alpha-cholesterol
(SY) 7 alpha-hydroxycholesterol
(SY) 7 beta-hydroxycholesterol
(HM) *HYDROXYCHOLESTEROLS
(NO) substrate for hydroxysteroid dehydrogenase; RN given refers to (3beta,7alpha)-isomer

5-cholesten-3 beta-ol-7-one see 7-ketocholesterol

(20S)-cholest-5-ene-3 beta,20-diol see 20-hydroxycholesterol

cholest-5-ene-3-beta,26-diol see cholest-5-ene-3 beta,26-diol

cholest-5-ene-3 beta,26-diol
(RN) 13095-61-9
(SY) 26-hydroxycholesterol
(SY) cholest-5-ene-3-beta,26-diol
(HM) *HYDROXYCHOLESTEROLS
(NO) isolated from human brain

cholest-5-ene-3,24-diol see 24-hydroxycholesterol

5-cholest-7-en-3-ol see lathosterol

cholestenone 5 alpha-reductase
(RN) EC 1.3.1.22
(RR) 37255-34-8 (CRN)
(SY) 5 alpha-reductase
(HM) *OXIDOREDUCTASES

cholest-4-en-3-one
(RN) 601-57-0
(SY) 4-cholesten-3-one
(HM) *CHOLESTENONES

4-cholesten-3-one see cholest-4-en-3-one

cholesterol-5 alpha,6 alpha-epoxide hydrase
(RN) EC 3.3.2.-
(SY) cholesterol epoxide hydrase
(HM) *EPOXIDE HYDROLASES
(PA) CARCINOGENS
(NO) aspect of epoxide hydrolase, EC 3.3.2.3

cholesterol-5 alpha,6 alpha-epoxide see cholesterol alpha-oxide

cholesterol-5 alpha,6 alpha-oxide see cholesterol alpha-oxide

cholesterol alpha-epoxide see cholesterol alpha-oxide

cholesterol alpha-oxide
(RN) 1250-95-9
(RR) 55700-78-2 ((3beta)-isomer)
(RR) 23656-62-4 (4-(14)C-labeled cpd (3beta,5beta,6beta)-isomer)
(RR) 23656-61-3 (4-(14)C-labeled cpd (3beta,5alpha,6alpha)-isomer)
(RR) 4025-59-6 ((3beta,5beta,6beta)-isomer)
(SY) cholesterol-5 alpha,6 alpha-epoxide
(SY) cholestan-5 alpha,6 alpha-epoxy-3 beta-ol
(SY) cholesterol epoxide
(SY) cholesterol alpha-epoxide
(SY) cholesterol-5 alpha,6 alpha-oxide
(HM) CHOLESTEROL/*analogs
(NO) RN given refers to (3beta,5alpha,6alpha)-isomer; RN for cpd without isomeric designation not in Chemline 3/84; structure

cholesterol-binding pancreatic proteinase see cholesterol-binding protein

cholesterol-binding protein
(SY) cholesterol-binding pancreatic proteinase
(HM) *CARRIER PROTEINS
(II) CHOLESTEROL
(II) PEPTIDE PEPTIDOHYDROLASES
(NO) heat-stable protein in cytosol of adrenal, testicle , ovary & pancreas; MW 28,000; may have proteolytic activity

cholesterol epoxide see cholesterol alpha-oxide

cholesterol epoxide hydrase see cholesterol-5 alpha,6 alpha-epoxide hydrase

cholesterol ester lipoprotein see lipoprotein cholesterol ester

cholesterol ester synthetase see acid cholesterol ester synthetase

cholesterol ester transfer proteins
(SY) cholesteryl ester exchange protein
(SY) triglyceride and cholesterol ester transfer protein
(HM) *CARRIER PROTEINS
(II) APOLIPOPROTEINS
(II) GLYCOPROTEINS
(II) CHOLESTEROL ESTERS
(II) TRIGLYCERIDES
(NO) glycoprotein which mediates transport of cholesterol esters from HDL to VLDL

cholesterol glucoside see cholesteryl glucoside

cholesterol glucuronide
(RN) 17435-78-8
(SY) 3-O-beta-D-glucopyranuronosyl cholesterol
(HM) CHOLESTEROL/*analogs
(NO) found in liver

cholesterol-hemisuccinate see cholesteryl succinate

cholesterol hydrogen succinate see cholesteryl succinate

cholesterol-20-hydroperoxide see 20-hydroperoxycholesterol

cholesterol 7-hydroperoxide
(RN) 2846-29-9
(SY) 7-hydroperoxycholesterol
(HM) CHOLESTEROL/*analogs
(II) LIPID PEROXIDES
(NO) RN given refers to (3beta,7alpha)-isomer; RN for cpd without isomeric designation not in Chemline 5/84; structure given in first source

cholesterol iopanoate see cholesteryl iopanoate

cholesterol lipoprotein see lipoprotein cholesterol

cholesterol 14-methylhexadecanoate see carcinolipin

cholesterol sulfatase see dehydroepiandrosterone sulfate sulfatase

cholesterol sulfate see cholesteryl sulfate

cholesterol sulfotransferase
(RN) EC 2.8.2.-
(HM) *SULFURTRANSFERASES
(NO) transfers sulfate from PAPS to cholesterol

cholesterol VLDL see very low density lipoprotein cholesterol

P-10-cholesterol see 3-(10-pyrenedecanoyl)cholesterol

cholesteryl arachidonate
(RN) 604-34-2
(RR) 59379-60-1 (eicosatetraenoate)
(RR) 4891-42-3 ((3beta)-(all Z)-isomer)
(HM) *CHOLESTEROL ESTERS
(NO) RN given refers to (3beta)-isomer

cholesteryl benzoate
(RN) 604-32-0
(RR) 42921-42-6 ((3alpha)-isomer)
(HM) *CHOLESTEROL ESTERS
(NO) RN given refers to (3beta)-isomer; RN for cpd without isomeric designation not in Chemline 7/8/83

cholesteryl ester exchange protein see cholesterol ester transfer proteins

cholesteryl GABA see cholesteryl gamma-aminobutyrate

cholesteryl gamma-aminobutyrate
(SY) cholesteryl GABA
(HM) *CHOLESTEROL ESTERS

cholesteryl glucoside
(RN) 26671-80-7
(RR) 7073-61-2 ((beta-D)-isomer)
(RR) 40653-08-5 ((alpha-D)-isomer)
(SY) cholesterol glucoside
(HM) CHOLESTEROL/*analogs
(NO) RN given refers to cpd without isomeric designation

cholesteryl hemisuccinate see cholesteryl succinate

cholesteryl 9-hexadecenoate
(RN) 16711-66-3
(SY) cholesteryl 9-palmitoleate
(HM) *CHOLESTERYL ESTERS
(NO) RN given refers to (Z)-isomer; RN for cpd without isomeric designation not in Chemline 12/84

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3-cholesteryl 6-(N-iminobis (ethylenenitrilo)tetracetic acid)hexyl ether
(RN) 87259-28-7
(SY) chol-DTTA
(HM) CHOLESTEROL/*analogs
(II) CHELATING AGENTS
(NO) lipophilic chelator in liposomes; structure given in first source

cholesteryl iopanoate
(RN) 83172-18-3
(RR) 83172-22-9 (125I-labeled cpd (3beta)-isomer)
(SY) cholesterol iopanoate
(HM) *CHOLESTEROL ESTERS
(II) CONTRAST MEDIA
(NO) RN given refers to (3beta)-isomer; structure given in first source

cholesteryl linoleate
(RN) 604-33-1
(RR) 19485-79-1 ((Z,E)-isomer)
(RR) 19485-78-0 ((E,Z)-isomer)
(RR) 19485-77-9 ((E,E)-isomer)
(SY) cholesteryl trans-9-trans-12-octadecadienoate
(SY) cholesteryl linolelaidate
(HM) *CHOLESTEROL ESTERS
(NO) RN given refers to (Z,Z)-isomer; RN for cpd without isomeric designation not in Chemline 7/8/83

cholesteryl linolelaidate see cholesteryl linoleate

cholesteryl linoleyl ether
(RN) 73505-32-5
(HM) CHOLESTEROL/*analogs
(NO) analog of cholesterol linoleate

cholesteryl 14-methylhexadecanoate see carcinolipin

cholesteryl nervonate
(SY) cholesteryl 15-tetracosenoate
(HM) *CHOLESTERYL ESTERS

cholesteryl nonanoate
(RN) 1182-66-7
(SY) cholesteryl pelargonate
(HM) *CHOLESTEROL ESTERS

cholesteryl trans-9-trans-12-octadecadienoate see cholesteryl linoleate

cholesteryl oleate
(RN) 303-43-5
(RR) 19485-76-8 ((E)-isomer)
(HM) *CHOLESTEROL ESTERS
(NO) RN given refers to ((Z)-isomer); RN for cpd without isomeric designation not in Chemline 3/84

cholesteryl 9-palmitoleate see cholesteryl 9-hexadecenoate

cholesteryl pelargonate see cholesteryl nonanoate

cholesteryl-6-pyrenylhexanoate
(SY) ChPH
(HM) *CHOLESTEROL ESTERS
(NO) structure given in first source

cholesteryl succinate
(RN) 1510-21-0
(RR) 60915-15-3 (Na salt(3beta)-isomer)
(SY) cholesteryl hemisuccinate
(SY) cholesterol-hemisuccinate
(SY) cholesterol hydrogen succinate
(HM) *CHOLESTEROL ESTERS
(NO) RN given refers to (3beta)-isomer; RN for cpd without isomeric designation not in Chemline 3/84

cholesteryl sulfate
(RN) 1256-86-6
(RR) 2638-85-9 (NH3 salt(3beta)-isomer)
(RR) 6614-96-6 (K salt(3beta)-isomer)
(RR) 6203-46-9 (3H-labeled cpd (3beta)-isomer)
(RR) 2864-50-8 (Na salt(3beta)-isomer)
(RR) 1553-45-3 (26-(14)C-labeled cpd Na salt)
(SY) cholesterol sulfate
(HM) *CHOLESTEROL ESTERS
(NO) found in eggs of sea urchin; component of human seminal plasma & spermatozoa; RN given refers to (3beta)-isomer; RN for cpd without isomeric designation not in Chemline 3/84

cholesteryl 15-tetracosenoate see cholesteryl nervonate

Chol-Gly-Tyr see cholylglycyltyrosine

cholic acid
(RN) 81-25-4
(RR) 5808-14-0 (monohydrate)
(RR) 5593-79-3 (K salt)
(RR) 361-09-1 (Na salt)
(SY) cholate
(SY) sodium cholate
(HM) *CHOLIC ACIDS
(NO) RN given refers to (3alpha,5beta,7alpha,12alpha)-isomer; RN for cpd without isomeric designation not in Chemline 7/8/83; structure in Merck Index, 9th ed, #2197; see also records for ursocholic and allocholic acids

cholic acid CoA ligase see choloyl-CoA synthetase

cholic acid glucuronide
(SY) cholate glucuronide
(SY) 7,12-dihydroxy-3-O-(beta-D-glucopyranosyluronate)-5-cholan-24-oate
(HM) *CHOLIC ACIDS

cholic acid, methyl ester see methyl cholate

cholic acid sulfobetaine1-Propanaminium, N,N-dimethyl-3-sulfo-N-(3-(((3alpha,5beta,7alpha,12alpha)-3,7,12-trihydroxy-24-oxocholan-24-yl)amino)propyl)-, hydroxide, inner salt see 3-((3-cholamidopropyl)dimethylammonium)-1-propanesulfonate

P-choline BP see phosphorylcholine-binding protein

choline dehydrogenase
(RN) EC 1.1.99.1
(HM) *ALCOHOL OXIDOREDUCTASES

choline magnesium trisalicylate see trilisate

choline mustard aziridinium see cyclocholine

choline oxidase
(RN) EC 1.1.3.17
(RR) 9028-67-5 (CRN)
(HM) *ALCOHOL OXIDOREDUCTASES

cholinephosphate cytidylyltransferase
(RN) EC 2.7.7.15
(RR) 9026-34-0 (CRN)
(SY) phosphorylcholine cytidyl transferase
(SY) CDP-choline pyrophosphorylase
(SY) CTP phosphocholine cytidylyl- transferase
(SY) CTP phosphorylcholine cytidyltransferase
(SY) phosphocholine cytidyltransferase
(SY) CDP-choline synthetase
(HM) *NUCLEOTIDYLTRANSFERASES

cholinephospholipids see essential 303 forte

choline plasmalogen see choline plasmalogens

choline plasmalogens
(SY) lecithin ethers
(SY) lecithin ether
(SY) choline plasmalogen
(SY) plasmenylcholine
(HM) *PLASMALOGENS
(NO) use when the ester & ether groups are not specified; see also palmitoyl-palmityl-lecithin ether

choline salicylate
(RN) 2016-36-6
(SY) Mundisal
(HM) *SALICYLATES
(HM) CHOLINE/*analogs
(HM) DRUG COMBINATIONS
(PA) ANALGESICS, ANTI-INFLAMMATORY
(NO) exists as gel or solution

choline theophyllinate see cholinophyllin

cholinetheophyllinate see cholinophyllin

cholinophyllin
(RN) 146-71-4
(SY) brondaxin
(SY) oxtriphylline
(SY) choledyl
(SY) Euspirax
(SY) Brondecon
(SY) choline theophyllinate
(SY) cholinetheophyllinate
(SY) choledyl-SA
(SY) oxtripylline-SA
(HM) CHOLINE/*analogs
(HM) THEOPHYLLINE/*analogs
(PA) BRONCHODILATOR AGENTS

Cholografin meglumine see meglumine iodipamide

Chologram3,3'-(trioxaundecadioyldiamino)-bis-2,4,6-triiodobenzoic acid meglumine see iotroxamide

cholosas
(HM) *CHOLAGOGUES AND CHOLERETICS
(NO) no other information available 3/83

Cholovue see methylglucamine iodoxamate

choloyl-CoA synthetase
(RN) EC 6.2.1.7
(RR) 9027-90-1 (CRN)
(SY) cholic acid CoA ligase
(SY) cholate CoA ligase
(HM) *COENZYME A SYNTHETASES

choloylglycine hydrolase
(RN) EC 3.5.1.24
(SY) glycocholase
(SY) 3alpha,7alpha,12alpha-trihydroxy-5beta-cholan-24-oylcglycine amidohydrolase
(SY) bile salt hydrolase
(SY) cholylglycine hydrolase
(SY) cholanoyl amino acid hydrolase
(HM) *AMIDOHYDROLASES
(II) GLYCOCHOLIC ACID

cholyl CoA glycine-N-acyltransferase see cholyl CoA glycine-taurine N-acyltransferase

cholyl CoA glycine-taurine N-acyltransferase
(RN) EC 2.3.1.-
(SY) cholyl CoA taurine-N-acyltransferase
(SY) cholyl CoA glycine-N-acyltransferase
(SY) bile acid-CoA glycine taurine N-acyltransferase
(SY) CCAGT acyltransferase
(HM) *ACYLTRANSFERASES

cholyl CoA taurine-N-acyltransferase see cholyl CoA glycine-taurine N-acyltransferase

cholylglycine hydrolase see choloylglycine hydrolase

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cholylglycylhistamine
(RN) 61601-56-7
(HM) GLYCOCHOLIC ACID/*analogs
(HM) HISTAMINE/*analogs

cholylglycyltyrosine
(RN) 67319-56-6
(SY) Chol-Gly-Tyr
(SY) I-cholylglycyltyrosine
(HM) GLYCOCHOLIC ACID/*analogs
(II) IODOTYROSINE/analogs
(II) IODINE RADIOISOTOPES
(NO) used with 125I in autoradiography of rat liver bile acid transport; RN given refers to (3alpha,5beta,7alpha,12alpha)-isomer; RN for cpd without isomeric designation not in Chemline 12/83

chondrocalcin
(HM) *CALCIUM-BINDING PROTEINS
(NO) extracellular protein from cartilage; MW 70,000; dimer associated with calcification of cartilage in endochondral bone formation

chondrocyte growth factor
(SY) chondrogenesis factor
(SY) cartilage growth factor
(SY) cartilage derived factor
(SY) chondrocyte stimulating factor
(HM) *PROTEINS
(II) GROWTH SUBSTANCES
(NO) protein component of mouse embryo extract which enhances chondrogenesis in vitro; from bovine fetal cartilage; chondrocyte stimulating factor produced by macrophages when macrophages are stimulated by lipopolysaccharides; factor stimulates chondrocytes & alters their metabolism

chondrocyte stimulating factor see chondrocyte growth factor

chondrogenesis factor see chondrocyte growth factor

chondroitin glucuronate 5-epimerase see chondroitin D-glucuronosyl 5-epimerase

chondroitin D-glucuronosyl 5-epimerase
(RN) EC 5.1.3.-
(SY) chondroitin glucuronate 5-epimerase
(HM) *CARBOHYDRATE ISOMERASES

chondroitin sulfate glycosaminoglycan
(SY) chondroitin sulfate E glycosaminoglycan
(SY) CSGAG
(HM) *GLYCOSAMINOGLYCANS
(HM) CHONDROITIN SULFATES

chondroitin sulfate E glycosaminoglycan see chondroitin sulfate glycosaminoglycan

chondroitin sulfate proteoglycan core glycoprotein
(SY) CSP-glycoprotein
(HM) *GLYCOPROTEINS
(II) PROTEOCHONDROITIN SULFATES
(II) NEOPLASM PROTEINS
(NO) MW 250kDa; found in human melanoma cells

chondroitinsulfate-sulfotransferase see chondroitin sulfotransferase

chondroitin sulfotransferase
(RN) EC 2.8.2.5
(SY) glycosaminoglycan sulfotransferase
(SY) chondroitinsulfate-sulfotransferase
(SY) chondroitin sulphotransferase
(HM) *SULFURTRANSFERASES

chondroitin sulphotransferase see chondroitin sulfotransferase

chondromucoproteins
(HM) *MUCOPROTEINS
(HM) CHONDROITIN/*analogs

chondronectin
(SY) chondronectins
(HM) *PROTEINS
(II) BLOOD PROTEINS
(NO) protein secreted by chondrocytes; chondrocyte-attachment factor in serum analagous in function to fibronectin

chondronectins see chondronectin

chondro-6-sulfatase
(RN) EC 3.1.6.10
(HM) *SULFATASES

CHOP
(SY) VDCP
(SY) VCAP
(SY) C-VPA
(SY) VAD II
(SY) CODP
(HM) CYCLOPHOSPHAMIDE
(HM) VINCRISTINE
(HM) DOXORUBICIN
(HM) PREDNISONE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

CHOP-B
(SY) CHOP-Bleo
(SY) BACOP
(HM) CYCLOPHOSPHAMIDE
(HM) DOXORUBICIN
(HM) PREDNISONE
(HM) BLEOMYCINS
(HM) VINCRISTINE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds; used in treatment of lymphoma

CHOP-Bleo see CHOP-B

C hordein see hordein

choreito
(HM) *PLANT EXTRACTS
(PA) DIURETICS
(II) PLANTS, MEDICINAL
(NO) traditional Chinese medicine

chorionase
(RN) EC 3.4.-
(HM) *PEPTIDE HYDROLASES
(NO) dissolve chorion before fish embryos can hatch

chorionic alpha 1-microglobulin see chorionic alpha(1)-microglobulin

chorionic alpha(1)-microglobulin
(SY) alpha 1 microglobulin, chorionic
(SY) CH-A1-MG
(SY) chorionic alpha 1-microglobulin
(HM) *ALPHA GLOBULINS
(II) GONADOTROPINS, CHORIONIC

chorion protein see chorion proteins

chorion proteins
(SY) chorion protein
(SY) high-cysteine A chorion protein
(SY) high-cysteine B chorion protein
(HM) *EGG PROTEINS
(II) CHORION
(II) MEMBRANE PROTEINS
(NO) silkmoth eggshell(chorion)

chorismate synthase
(RN) EC 4.6.1.4
(HM) *LYASES

d(CH2)5OVT see oxytocin, 1-(beta-mercapto-beta,beta-cyclopentamethylenepropionic acid)-8-ornithine-

ChPH see cholesteryl-6-pyrenylhexanoate

CHPP see proinsulin chimeric polypeptide

CHPPD see N,N'-dicyclohexyl-4-phenylenediamine

CHP phenobarbital see maliasin

3-CHPS see 3-carbethoxypyranocoumarin

CHP1 see somatostatin, cyclic hexapeptide(Phe-Phe-Trp-Lys-Thr- Phe)-

chrisanol see chrysanol

chromaffin granule membrane spectrin-like protein see spectrin-like protein, subcellular organelle

chromated copper arsenate
(RN) 37337-13-6
(HM) *ARSENIC
(NO) wood preservative; serves as substrate for trimethylarsine biosynthesis; RN given refers to (Cu(+2)[2:3] salt)

chromatin conjugate protein A24
(SY) chromatin protein A24
(SY) protein A24
(HM) *HISTONES
(NO) conjugate of histone 2A & ubiquitin

chromatin protein A24 see chromatin conjugate protein A24

Chromatophorotropin, red-pigment concentrating (Pandalus borealis) see red pigment-concentrating hormone

chromazurol S see chrome azurol S

chrome alum
(RN) 10141-00-1
(RR) 7788-99-0 (dodecahydrate)
(SY) chromic potassium sulfate dodecahydrate
(SY) chromic potassium sulfate
(HM) *CHROMIUM
(II) DYES
(NO) RN given refers to K salt; RN for parent cpd not in Chemline 7/8/83

chrome azurol S
(RN) 1667-99-8
(SY) chromazurol S
(HM) *HYDROXYBENZOIC ACIDS
(II) INDICATORS AND REAGENTS
(NO) reagent for beryllium determination spectrophotometrically

chrome rutile yellow
(RN) 68186-90-3
(SY) C.I. pigment brown 24
(SY) C.I. No. 77310
(HM) *TITANIUM
(HM) *CHROMIUM
(HM) *ANTIMONY
(II) DYES
(NO) mixed phase dye based on titanium dioxide (rutile) where chromium & antimony ions partially replace titanium ions in the lattice

chromic acid
(RN) 13530-68-2
(SY) dichromic acid
(HM) *CHROMATES

chromic anhydride-3,5-dimethylpyrazole complex
(SY) DPCTC
(SY) 3,5-dimethylpyrazole-chromium trioxide complex
(HM) *PYRAZOLES
(HM) *CHROMIUM

chromic catgut
(HM) *CATGUT
(NO) catgut sterilized & impregnated with chromium trioxide to prolong its tensile strength in tissues -Dorland

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chromic chloride
(RN) 10025-73-7
(RR) 16284-59-6 (51Cr-labeled cpd)
(RR) 10060-12-5 (hexahydrate)
(RR) 39345-92-1 (cpd with unspecified MF)
(RR) 39345-92-1 (duplicate RN for 51Cr-labeled cpd)
(SY) chromium trichloride
(HM) *CHROMIUM
(NO) RN given refers to unlabeled parent cpd

chromic oxide see chromium oxide

chromic phosphate
(RN) 7789-04-0
(RR) 59178-46-0 (Cr(+3)[3:2] salt)
(RR) 27096-04-4 (Cr(+3)[3:1] salt)
(RR) 28612-25-1 (32P-labeled cpd)
(RR) 24381-60-0 (32P-labeled Cr(+3)[1:1] salt)
(RR) 16453-74-0 (unspecified Cr salt)
(RR) 28612-69-3 (unspecified Cr(+3) salt)
(RR) 59178-45-9 (Cr(+3)[2:1] salt)
(RR) 59178-48-2 (dihydrate)
(RR) 59178-47-1 (hemihydrate)
(RR) 13475-98-4 (hexahydrate)
(RR) 26469-46-5 (monohydrate)
(RR) 59178-49-3 (pentahydrate)
(RR) 10101-59-4 (tetrahydrate)
(RR) 13475-97-3 (trihydrate)
(SY) chromium phosphate
(HM) *CHROMIUM
(HM) *PHOSPHATES
(NO) RN given refers to unlabeled Cr(+3)[1:1] salt

chromic potassium sulfate see chrome alum

chromic potassium sulfate dodecahydrate see chrome alum

chromium adenosine diphosphate
(RN) 73037-58-8
(RR) 50662-70-9 (conjugate monoacid)
(SY) CrADP
(SY) beta-chromium monodentate complex of ADP
(SY) beta-CrADP
(HM) *ADENOSINE DIPHOSPHATE
(NO) RN given refers to parent cpd

chromium adenosine triphosphate
(SY) CrATP
(SY) chromium ATP
(SY) chromium ammonium ATP
(SY) Cr(H2O)4 ATP
(HM) *ADENOSINE TRIPHOSPHATE

chromium ammonium ATP see chromium adenosine triphosphate

chromium ATP see chromium adenosine triphosphate

chromium chloride see chromous chloride

chromium dichloride see chromous chloride

chromium nitrate
(RN) 10103-47-6
(RR) 7789-02-8 (unspecified Cr(3+) salt nonahydrate)
(RR) 13548-38-4 (unspecified Cr(3+) salt)
(SY) chromonitric acid
(SY) nitric acid chromium salt
(HM) *NITRATES
(HM) *CHROMIUM
(NO) RN given refers to unspecified Cr salt

chromium oxalate see oxalic acid

chromium oxide
(RN) 1308-38-9
(RR) 54652-29-8 (51Cr-labeled cpd)
(RR) 11118-57-3 (cpd with unknown MF)
(RR) 12182-82-0 (hydrate)
(RR) 12689-82-6 (tetrahydrate)
(RR) 50814-20-5 (hydrate of cpd with unknown MF)
(SY) chromic oxide
(SY) chromium sesquioxide
(HM) *CHROMIUM
(NO) RN given refers to unlabeled parent cpd

chromium phosphate see chromic phosphate

chromium protoporphyrin IX
(RN) 84640-43-7
(SY) Cr-protoporphyrin
(HM) *PROTOPORPHYRINS
(NO) inhibits the oxidative degradation of heme to bile pigment

chromium sesquioxide see chromium oxide

chromium sodium oxide (CrNa2O4) see sodium chromate(VI)

chromium sulfate
(RN) 10101-53-8
(RR) 15804-55-4 (unspecified Cr(+3) sulfate)
(RR) 10031-37-5 (Cr(+3)[3:2] salt pentadecahydrate)
(RR) 12336-95-7 (chromium sulfate basic)
(RR) 13825-86-0 (Cr(+2)[1:1] salt)
(RR) 15005-90-0 (Cr(+3)[3:2] salt hexahydrate)
(RR) 14489-25-9 (unspecified Cr sulfate salt)
(SY) basic chromium sulfate
(SY) chromosulfuric acid
(HM) *CHROMIUM
(HM) *SULFATES
(NO) RN given refers to (Cr(+3)[3:2] salt)

chromium trichloride see chromic chloride

chromium trioxide
(RN) 1333-82-0
(HM) *CHROMIUM
(II) INDICATORS AND REAGENTS
(NO) oxidizing agent

chromocarb diethylamine see fludarene

chromogenic substrate S-2222 see S 2222

chromogenic substrate S-2227 see glutamyl-glycyl-arginine-4-nitroanilide

chromogenic substrate S-2238 see S-2238

chromogenic substrate S-2288 see isoleucyl-prolyl-arginine-4-nitroanilide

chromogenic substrate S-2444 see 5-oxo-prolyl-glycyl-arginine-4-nitroanilide

chromogranin A
(HM) *CHROMOGRANINS
(NO) major soluble protein of chromaffin granules

chromolipiodol
(HM) *LIPIODOL
(HM) *ANTHRAQUINONES
(HM) DRUG COMBINATIONS
(II) CONTRAST MEDIA
(NO) lipiodol, cyanine green G base & 1-benzoylaminoanthraquinone mixture

chromomembrin B
(HM) *CHROMOGRANINS
(NO) membrane protein from chromaffin granules of bovine adrenal medulla

chromone-2-carboxylic acid
(RN) 4940-39-0
(HM) *CHROMONES

chromonitric acid see chromium nitrate

chromosomal phosphoprotein B2
(SY) phosphoprotein B2, non-histone chromosomal protein
(SY) PP B2-chromosomal
(HM) *CHROMOSOMAL PROTEINS, NON-HISTONE
(HM) *PHOSPHOPROTEINS
(NO) highly phosphorylated chromosomal protein; MW 68,000

chromostin
(HM) *BACTERIAL PROTEINS
(PA) REVERSE TRANSCRIPTASE/antag
(II) CHROMOGENIC COMPOUNDS
(NO) chromogenic protein from Streptomyces

chromosulfuric acid see chromium sulfate

chromotropic acid
(RN) 148-25-4
(RR) 3888-44-6 (mono-Na salt)
(RR) 129-96-4 (di-Na salt)
(HM) *NAPHTHALENESULFONATES
(II) INDICATORS AND REAGENTS
(NO) RN given refers to parent cpd

chromous chloride
(RN) 10049-05-5
(SY) chromium dichloride
(SY) chromium chloride
(HM) *CHROMIUM
(NO) see also record for chromic chloride (CrCl3)

chromoxane cyanine R see solochrome cyanine R

chromoxane cyanin R see solochrome cyanine R

chromozym PK
(RN) 58840-30-5
(RR) 59188-28-2 (mono-HCl)
(SY) benzoyl-prolyl-phenylalanyl-arginine-p-nitroanilide
(SY) benzoyl-Pro-Phe-Arg-p-nitroanilide
(HM) *OLIGOPEPTIDES
(II) CHROMOGENIC COMPOUNDS
(NO) chromogenic substrate for factor XII assay; RN given refers to parent cpd

chromozym PL
(RN) 71663-39-3
(SY) tosyl-glycyl-prolyl-lysine-4-nitroanilide acetate
(SY) Tos-Gly-Pro-Lys-4-nitroanilide acetate
(HM) *OLIGOPEPTIDES
(II) CHROMOGENIC COMPOUNDS

chromozym TH
(RN) 61876-61-7
(RR) 61876-61-7 (mono-HCl)
(SY) Chr-TH
(SY) Tos-Gly-Pro-Arg-p-nitroanilide
(SY) Tos-Gly-Pro-Arg-pNA
(SY) tosyl-glycyl-prolyl-arginyl-p-nitroanilide
(HM) *OLIGOPEPTIDES
(II) CHROMOGENIC COMPOUNDS
(NO) synthetic substrate for thrombin which acts on it to liberate p-nitroaniline (yellow color); RN given refers to parent cpd

Chr-TH see chromozym TH

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chrysanol
(RN) 27279-43-2
(RR) 5743-29-3 (Ca[2:1] salt)
(SY) sodium aurothiopropanol sulfonate
(SY) aurothiopropanol sodium sulfonate
(SY) allochrysine
(SY) 3-aurothio-2-propanol-1-sulfonic acid
(SY) chrisanol
(SY) krizanol
(SY) calcium 3-aurothio-2-propanol-1-sulfonate
(HM) *GOLD
(HM) DIMERCAPROL/*analogs
(PA) ANTI-INFLAMMATORY AGENTS
(NO) RN given refers to Na salt; RN for parent cpd not in Chemline 11/4/83; structure

chrysanthemic acid
(RN) 10453-89-1
(RR) 497-68-7 (former CAS registry number)
(RR) 30636-83-0 (former CAS registry number)
(RR) 26771-11-9 ((cis)-(+-)-isomer)
(RR) 26771-06-2 ((cis)-(S)-isomer)
(RR) 15259-78-6 ((cis)-isomer)
(RR) 4638-92-0 ((trans)-(R)-isomer)
(RR) 2935-23-1 ((cis)-(+-)-isomer)
(RR) 2259-14-5 ((trans)-(S)-isomer)
(RR) 827-90-7 ((trans)-isomer)
(RR) 705-16-8 ((trans)-(+-)-isomer)
(SY) chrysanthemummonocarboxylic acid
(HM) *PYRETHRINS
(PA) INSECTICIDES, BOTANICAL
(NO) occurs as esters in pyrethrum flowers; RN given refers to cpd without isomeric designation; structure

chrysanthemummonocarboxylic acid see chrysanthemic acid

chrysanthemummonocarboxylic acid 4-(methoxymethyl) benzyl ester see 4-(methoxymethyl)benzyl chrysanthemummonocarboxylate

Chrysaora toxin see sea nettle toxin

chrysarobin
(RN) 491-59-8
(HM) *ANTHRACENES
(PA) ANTI-INFLAMMATORY AGENTS, TOPICAL
(PA) CARCINOGENS

chrysazin see danthron

chryscandin
(HM) PUROMYCIN AMINONUCLEOSIDE/analogs
(PA) ANTIBIOTICS, ANTIFUNGAL
(NO) isolated from Chrysosporium pannorum; active against Candida albicans and gram-positive bacteria; structure given in first source

6-chrysenamine
(RN) 2642-98-0
(SY) 6-chrysenylamine
(SY) 6-aminochrysine
(SY) 6-chrysylamine
(SY) chrysenex
(SY) CP 1001
(HM) *PHENANTHRENES
(PA) ANTINEOPLASTIC AGENTS
(NO) may cause splenic atrophy and leukopenia; minor descriptor (76-84); on-line & Index Medicus search PHENANTHRENES (76-84)

chrysene
(RN) 218-01-9
(HM) *CHRYSENES
(NO) structure in Merck Index, 9th ed, #2252

chrysene-1,2-dihydrodiol
(RN) 28622-71-1
(RR) 67175-76-2 (trans-(+-)-isomer)
(RR) 64920-31-6 ((trans)-isomer)
(SY) 1,2-dihydro-1,2-dihydroxychrysene
(SY) 1,2-dihydro-1,2-chrysenediol
(HM) *CHRYSENES
(NO) RN given refers to cpd without isomeric designation

chrysene-3,4-dihydrodiol
(RN) 28622-72-2
(RR) 67175-77-3 ((trans)-(+-)-isomer)
(RR) 64920-32-7 ((trans)-isomer)
(SY) 3,4-dihydro-3,4-dihydroxychrysene
(SY) trans-3,4- dihydroxy-3,4-dihydrochrysene
(HM) *CHRYSENES
(NO) RN given refers to cpd without isomeric designation

chrysene-5,6-dihydrodiol
(RN) 28622-73-3
(RR) 67175-78-4 (trans-(+-)-isomer)
(RR) 56183-24-5 ((trans)-isomer)
(SY) 5,6-dihydro-5,6-dihydroxychrysene
(SY) trans- 5,6-dihydroxy-5,6-dihydrochrysene
(HM) *CHRYSENES
(NO) little tumorigenic activity; RN given refers to cpd without isomeric designation; structure

chrysene-1,2-diol-3,4-epoxide-1 see chrysene,2-diol-3,4-epoxide-1

chrysene-1,2-diol-3,4-epoxide-2 see chrysene,2-diol-3,4-epoxide-1

chrysene,2-diol-3,4-epoxide-1
(RN) 67252-82-8
(RR) 80433-82-5 ((1S-(1alpha,2beta,2aalpha,3aalpha))-isomer)
(RR) 80433-80-3 ((1S-(1alpha,2beta,2abeta,3abeta))-isomer)
(RR) 77123-24-1 ((1R-(1alpha,2beta,2abeta,3abeta))-isomer)
(RR) 77123-23-0 ((1R-(1alpha,2beta,2aalpha,3aalpha))-isomer)
(RR) 72074-67-0 ((1alpha,2beta,2abeta,3abeta)-(+-)-isomer)
(RR) 72074-66-9 ((1alpha,2beta,2abeta,3abeta)-isomer)
(RR) 64920-33-8 ((1alpha,2beta,2abeta,3abeta)-isomer)
(RR) 64938-66-5 ((1alpha,2beta,2aalpha,3aalpha)-isomer)
(SY) (+-)-1 beta,2 alpha-dihydroxy-3 beta,4 beta-epoxy-1,2,3,4-tetrahydrochrysene
(SY) chrysene-1,2-diol-3,4-epoxide-1
(SY) chrysene-1,2-diol-3,4-epoxide-2
(HM) *CHRYSENES
(NO) denotes tumorigenic activity; RN given refers to cpd without isomeric designation; structure

chrysenex see 6-chrysenamine

6-chrysenylamine see 6-chrysenamine

chrysin
(RN) 480-40-0
(SY) 5,7-dihydroxyflavone
(HM) *FLAVONES
(NO) structure given in first source

chrysofluorene see benzo(a)fluorene

chrysoidine
(RN) 495-54-5
(RR) 532-82-1 (mono-HCl)
(RR) 79234-33-6 (unspecified acetate)
(SY) C.I. Basic Orange 2
(SY) C.I. Solvent Orange 3
(SY) chrysoidine Y
(SY) chrysoidine R
(HM) *P-AMINOAZOBENZENE/analogs
(II) DYES
(NO) RN given refers to parent cpd; structure

chrysoidine R see chrysoidine

chrysoidine Y see chrysoidine

chrysomycin A
(RN) 82196-88-1
(SY) Chrysomycin A
(HM) GLYCOSIDES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) Streptomyces arenae; differs only in sugar moiety from gilvocarcin V

Chrysomycin A see chrysomycin A

chrysotile
(RN) 12001-29-5
(RR) 61076-97-9 (cpd with unknown MF)
(HM) *ASBESTOS
(NO) RN given refers to cpd with MF [Mg3(OH)4(Si2O5)]; structure

6-chrysylamine see 6-chrysenamine

CHR 8
(RN) 83712-56-5
(SY) CHR-8
(HM) *INSECT REPELLENTS
(II) MUTAGENS
(NO) no other info available 1/26/84

CHR-8 see CHR 8

CHR (9-41) see corticotropin releasing hormone (9-41)

CHSC see ceramide heptassaccharide

d(CH2)5Tyr(Et)VAVP see vasopressin, 1-(beta-mercapto beta,beta- cyclopentamethylenepropionic acid)-2-O-ethyl-Tyr-4- Val-8-Arg-

d(CH2)5Tyr(Et)VDAVP see vasopressin, 1-(beta-mercapto beta,beta- cyclopentamethylenepropionic acid)-2-O-ethyl-Tyr-4- Val-8-Arg-

d(CH2)5Tyr(Me)AVP see vasopressin, (1-(beta mercapto-beta,beta- cyclopentamethyleneprop ionic acid)-2-(O-methyl)Tyr) Arg-

d(CH2)5TyrVAVP see vasopressin, 1-(1-mercaptocyclohexaneacetic acid)-2-Tyr-4-Val-8-Arg-

d(CH2)5TyrVDAVP see vasopressin, 1-(1-mercaptocyclohexaneacetic acid)-2-Tyr-4-Val-8-Arg-

chuangxinmycin
(RN) 63339-68-4
(HM) INDOLES
(PA) ANTIBIOTICS
(NO) produced by Actinoplanes tsinanensis; structure

CHVP
(SY) CICS
(SY) CAVmP
(HM) TENIPOSIDE
(HM) DOXORUBICIN
(HM) CYCLOPHOSPHAMIDE
(HM) PREDNISONE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above 4 cpds; CICS contains the same cpds, but in different concentrations

chwastox D
(RN) 8003-31-4
(RR) 8065-43-8 (Na salt)
(SY) diamet-D
(HM) *MCPA
(HM) *DICAMBA
(HM) DRUG COMBINATIONS
(NO) mixture of MCPA & dicamba; RN given refers to parent cpd

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chylomicron apo B see chylomicron apolipoprotein B

chylomicron apolipoprotein B
(SY) chylomicron apo B
(SY) apolipoprotein B, chylomicron
(SY) apo B, chylomicron
(HM) *APOLIPOPROTEINS B
(HM) *CHYLOMICRONS

chylomicron receptor
(SY) receptor, chylomicron
(SY) chylomicron receptors
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) CHYLOMICRONS

chylomicron receptors see chylomicron receptor

chymase
(RN) EC 3.4.21.39
(SY) rat mast cell protease
(SY) mast cell protease
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) serine protease found in mucosal mast cells, globule leucocytes but not in granulated lymphocytes

chymodenin
(RN) 52350-18-2
(HM) *PEPTIDES
(II) GASTROINTESTINAL HORMONES
(NO) peptide isolated from porcine duodenum; elicits rapid threefold increase in chymotrypsinogen secretion from anesthetized rabbit pancreas

chymoral see chypsin

chymosinogen see prorennin

chymostatin
(RN) 9076-44-2
(HM) *OLIGOPEPTIDES
(PA) CHYMOTRYPSIN/antag

chymotrypsin-like cationic protein
(SY) CLCP
(HM) *BLOOD PROTEINS
(NO) found in human neutrophils

chymotrypsin-like enzyme see semen liquefaction factor

chypsin
(RN) 8076-22-0
(SY) chymoral
(HM) *CHYMOTRYPSIN
(HM) *TRYPSIN
(HM) DRUG COMBINATIONS
(PA) ANTI-INFLAMMATORY AGENTS
(NO) combination of trypsin & chymotrypsin (ratio 6:1); spray powder used in treatment of electrocoagulation wounds in gynecologic surgery

CH 102
(RN) 65988-74-1
(SY) CH-102
(HM) *ISOQUINOLINES

CH-102 see CH 102

CH-103 see TE-176

CH 103 see TE-176

CH-123 see chinoin 123

CH 123 see chinoin 123

CH 141
(RN) 78279-88-6
(SY) CH-141
(SY) 3-phenyl-6-(1,2,3,4-tetrahydro-2-isoquinolinyl) methyl-4H-5,6-dihydro-1,2,4-oxadiazine
(HM) *ISOQUINOLINES
(PA) VASODILATOR AGENTS
(NO) structure given in first source

CH-141 see CH 141

CH-150 see CH 150

CH 150
(RN) 70381-44-1
(RR) 70381-39-4 (mono-HCl)
(SY) 3-ethyl-2,6-dimethyl-4H-pyrido(1,2-a)pyrimidin-4-one
(SY) CH-150
(HM) *PYRIMIDINES
(NO) RN given refers to parent cpd; structure given in first source

27-N-5-CH see 27-nor-5-cholestane-3,7,12,24,25,26-hexol

CH 29717 see CH 29-717

CH 29-717
(RN) 59032-40-5
(RR) 81860-86-8 (unspecified HCl)
(RR) 65520-20-9 (mono-HCl)
(SY) N,N-dimethyl-N'-(6-methyl-ergoline-8a-yl)-sulfamide hydrochloride
(SY) CH 29717
(HM) *ERGOLINES
(NO) RN given refers to parent cpd

C H50 see complement H50

CH(50) see complement H50

CH 800 see fentiazac

C.I. acid blue 1 see patent blue violet

C.I. Acid Orange see Orange II

C.I. acid orange 12 see acid orange 12

C.I. Acid Red 2 see methyl red

C.I. acid yellow 3
(RN) 8004-92-0
(SY) quinoline yellow
(SY) D&C Yellow No 10
(SY) D.C. Yellow No. 10
(HM) *QUINOLINES
(II) DYES
(II) FOOD COLORING AGENTS

ciamexone see BM 41,332

cibacron blue see Cibacron Blue F 3GA

cibacron blue agarose see cibacron blue-sepharose

cibacron blue F3G-A see Cibacron Blue F 3GA

cibacron blue F3GA-agarose see cibacron blue-sepharose

Cibacron Blue F(3)GA see Cibacron Blue F 3GA

Cibacron Blue F3GA see Cibacron Blue F 3GA

Cibacron Blue F 3GA
(RN) 12236-82-7
(SY) Reactive Blue 2
(SY) cibacron blue
(SY) cibacron Blue 3G-A
(SY) Cibacron Blue F3GA
(SY) Cibacron Blue F(3)GA
(SY) cibacron blue F3G-A
(SY) Affi gel blue
(SY) Procion Blue H-B
(SY) Affi-gel blue
(HM) *TRIAZINES
(II) DYES
(NO) conjugated to sepharose for affinity column for serum albumin; dye is a potent inhibitor of protein synthesis in some mammalian cell extracts; structure

Cibacron Blue Sepharose see cibacron blue-sepharose

cibacron blue-sepharose
(SY) cibacron blue agarose
(SY) Blue Sepharose CL-6B
(SY) cibacron blue F 3G-A sepharose
(SY) cibacron blue F3GA-agarose
(SY) Cibacron Blue Sepharose
(SY) cibracron blue-sepharose
(HM) SEPHAROSE/*analogs
(II) DYES
(NO) affinity chromatography of alpha-2-macroglobulin

cibacron blue F 3G-A sepharose see cibacron blue-sepharose

cibacron Blue 3G-A see Cibacron Blue F 3GA

CIBA GO 3315A
(SY) CIBA-GO-3315A
(HM) *BUTYROPHENONES
(PA) BUTYROPHENONE TRANQUILIZERS
(NO) no other information available 5/10/83

CIBA-GO-3315A see CIBA GO 3315A

CIBA G-31406 see 10,11-dehydroimipramine

Cibalgin see eunalgit

C.I. Basic Orange 2 see chrysoidine

C.I. Basic Violet 2 monohydrochloride see new fuchsin

Ciba-1906 see thiambutosine

Ciba 1906 see thiambutosine

cibenzoline
(RN) 53267-01-9
(SY) cipralan
(SY) 2-(2,2-diphenylcyclopropyl)-2-imidazoline
(HM) *IMIDAZOLES
(PA) ANTI-ARRHYTHMIA AGENTS
(NO) structure in USAN 1982, p.105

cibracron blue-sepharose see cibacron blue-sepharose

CIC see NSC 87418

cicarperone
(RN) 54063-29-5
(RR) 50656-93-4 (mono-HCl)
(SY) L-7810
(SY) 4-carbamoyloxy-1,4-(4-fluorophenyl)-4-oxobutyldecahydroquinoline
(HM) *QUINOLINES
(PA) EPINEPHRINE/antag
(NO) prevents shock due to ischemic action of epinephrine; RN given refers to parent cpd; parent cpd not in Chemline 7/8/83; L-7810 is synonym for mono-HCl

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cicatrin
(RN) 8055-43-4
(SY) cicatrin cream
(HM) *BACITRACIN
(HM) *NEOMYCIN
(HM) *GLYCINE
(HM) *CYSTEINE
(HM) *THREONINE
(HM) DRUG COMBINATIONS
(II) WOUND HEALING/drug eff
(NO) contains above 5 cpds

cicatrin cream see cicatrin

2-CICA see 2-chloroisocaproic acid

ciclazindol
(RN) 37751-39-6
(RR) 37647-52-2 (mono-HCl)
(SY) Wy 23409
(SY) 10-(m-chlorophenyl)-2,3,4,10-tetrahydropyrimidol(1,2-a)indole-10-ol HCl
(HM) *INDOLES
(PA) ANTIDEPRESSIVE AGENTS, TRICYCLIC
(NO) highly selective inhibitor of noradrenaline uptake; RN given refers to parent cpd; structure

cicletanide see cycletanide

ciclobendazole
(RN) 31431-43-3
(SY) methyl 5-cyclopropylcarbonyl-2-benzimidazolecarbamate
(HM) *BENZIMIDAZOLES
(PA) ANTHELMINTICS
(NO) structure

ciclonicate
(RN) 53449-58-4
(RR) 54110-26-8 ((cis)-isomer)
(SY) cyclonicate
(SY) 3,5,5-trimethylcyclohexylnicotinate
(HM) *NICOTINIC ACIDS
(NO) antilipolytic & myolytic; RN given refers to trans-isomer

ciclopirox
(RN) 41621-49-2
(SY) HOE 296
(SY) 6-cyclohexyl-1-hydroxy-4-methyl-2(1H)-pyridone ethanolamine salt
(SY) ciclopiroxolamine
(HM) *PYRIDONES
(PA) ANTIFUNGAL AGENTS
(NO) synthetic antifungal agent

ciclopiroxolamine see ciclopirox

ciclosidomine
(RN) 66564-16-7
(SY) Neopresa
(SY) PR-G 138-Cl
(SY) PR-G-138-Cl
(HM) *MORPHOLINES
(PA) ANTIHYPERTENSIVE AGENTS
(NO) RN & structure given in USAN 1985; RN not in Chemline 5/85

ciclotizolam
(RN) 58765-21-2
(SY) We 973
(SY) We-973
(SY) 8-bromo-6-(ortho-chlorophenyl)-1-cyclohexyl-4H-5-triazolo(3,4-c)thieno(2,4-e)-1,4-diazepine
(HM) *AZEPINES

ciclotropium bromide see cyclotropium

cicloxilic acid
(RN) 57808-63-6
(RR) 68093-72-1 (Na salt(cis)-isomer)
(SY) Plecton
(SY) cycloxilic acid
(HM) *CYCLOHEXANECARBOXYLIC ACIDS
(PA) CHOLAGOGUES AND CHOLERETICS
(NO) RN given refers to (cis)-isomer; RN for cpd without isomeric designation not in Chemline 3/84; structure

cicloxolone
(RN) 52247-86-6
(RR) 52048-39-2 (di-Na salt(3beta(cis),20beta)-isomer)
(SY) 3-hydroxy-11-oxoolean-12-en-30-oic acid 1,2-cyclohexanedicarboxylate
(HM) CARBENOXOLONE/*analogs
(PA) ANTIVIRAL AGENTS
(NO) RN given refers to parent cpd(3beta(cis),20beta)-isomer; RN for cpd without isomeric designation not in Chemline 8/84; structure given in USAN 1984

CICS see CHVP

cicutine see coniine

cidial see phenthoate

cidiale see phenthoate

C.I. direct blue 1 see pontamine sky blue

C.I. direct red 2 see benzopurpurine 4B

C.I. direct red 80
(RN) 25188-41-4
(RR) 2610-10-8 (hexa-Na salt)
(SY) sirius red F 3B
(SY) direct red 80
(SY) Sirius Res F3B
(HM) *AZO COMPOUNDS
(II) DYES
(NO) RN given refers to parent cpd; sirius red F 3B refers to hexa-Na salt

C.I. Direct Yellow 59 see primuline

cidizol-KB
(HM) *ANTI-INFECTIVE AGENTS, LOCAL
(PA) ANTITRICHOMONAL AGENTS
(NO) on other information available 5/85

C.I. Fluorescent Brightening Agent 28
(RN) 4404-43-7
(SY) calcofluor white ST
(SY) calcofluor white M2R
(SY) calcofluor white M 2R
(HM) *BENZENESULFONATES
(II) FLUORESCENT DYES
(II) CONTRAST MEDIA
(II) STAINS AND STAINING

C.I. food orange 2 see E 111

C.I. food red 16255 see new coccine

C.I. food yellow 3 see FD & C Yellow No. 6

ciglitazone
(RN) 74772-77-3
(SY) ADD 3878
(SY) ADD-3878
(SY) 5-(4-(1-methylcyclohexylmethoxy)benzyl) thiazolidine-2,4-dione
(HM) *THIAZOLES
(PA) HYPOGLYCEMIC AGENTS
(NO) structure given in second source

C-III see complement protein factor B

C III see complement protein factor B

cII protein see protein cII

ciladopa
(RN) 80109-27-9
(SY) AY 27110
(SY) AY-27110
(SY) 2-(4-(2-(3,4-dimethoxyphenyl)-2-hydroxyethyl)-1-piperazinyl)-2,4,6-cycloheptatrien-1-one
(HM) *PIPERAZINES
(PA) ANTIPARKINSON AGENTS

cilastatin see MK 791

cilazapril see Ro 31-2848

ciliary dyskinesia factor
(SY) cystic fibrosis ciliary inhibitor
(SY) cystic fibrosis mucociliary inhibitor
(HM) *BLOOD PROTEINS
(NO) small molecule (between 1,000-10,000 molec wt) from cultured skin fibroblasts & amniotic fluid cells of cystic fibrosis carriers is activated in presence of IgG & tested by rabbit bioassay; proteins from blood; see also related ciliostatic factor (cystic fibrosis)

cilobamine
(RN) 69429-84-1
(RR) 69429-85-2 (methanesulfonate salt (cis)-isomer)
(SY) cilobamine mesylate
(SY) clobamine mesylate
(SY) MDL 81,182
(SY) MDL-81,182
(SY) 2-(3,4-dichlorophenyl)-3-((1-methylethyl)amino) bicyclo(2.2.2)octan-2-ol monomethanesulfonate
(SY) MDL 81192
(HM) *BICYCLO COMPOUNDS
(PA) ANTIDEPRESSIVE AGENTS
(NO) RN given from USAN 1984, p.110 for parent cpd; RN not in Chemline 6/84; structure given in first source

cilobamine mesylate see cilobamine

ciloprost
(RN) 78919-13-8
(SY) 5-((E)-(1S,5S,6R,7R)-7-hydroxy-6-((E)-(3S,4RS)-3-hydroxy-4-methyloct-1-en-6-yn-yl-bicyclo(3.3.0)-octan-3-yliden)pentanoic acid
(SY) ZK 36 374
(SY) iloprost
(HM) *PROSTAGLANDINS X
(PA) CARDIOVASCULAR AGENTS
(PA) ANTI-ARRHYTHMIA AGENTS
(NO) synthetic analog of PGI2; structure given in first source

cilostamide
(RN) 68550-75-4
(SY) OPC-3689
(SY) N-cyclohexyl-N-methyl-4-(1,2-dihydro-2-oxo-6- quinolyloxy)butyramide
(HM) *QUINOLINES
(NO) selective inhibitor of cyclic AMP phosphodiesterase & platelet aggregation; structure

cilostazol
(RN) 89332-50-3
(SY) OPC 13013
(SY) OPC-13013
(SY) 6-(4-(1-cyclohexyl-1H-tetrazol-5-yl)butoxy)-3,4-dihydro-2(1H)-quinolinone
(HM) *TETRAZOLES
(PA) FIBRINOLYTIC AGENTS
(PA) VASODILATOR AGENTS
(NO) structure given in first source

cimetidine sulfoxide
(RN) 54237-72-8
(HM) CIMETIDINE/*analogs
(NO) structure given in first source

cimetropium see DA 3177

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cimicifugoside
(RN) 66176-93-0
(HM) LANOSTEROL/*analogs
(NO) triterpene xyloside from Cimicifuga simplex; nucleoside transport inhibitor

C.I. mordant blue 10 see gallocyanine

C.I. mordant blue 14 see Celestine Blue

cimoxatone see MD780515

ci, cis-muconate cyclase see muconate cycloisomerase

C4b-C3b inactivator cofactor see complement 3b-complement 4b inactivator

C3b inactivator factor I see factor I, C 3b inactivator

C 3b-C 4b inactivator see complement 3b-complement 4b inactivator

C3b-C4b-inactivator see complement 3b-complement 4b inactivator

C4b-C3b-INA see complement 3b-complement 4b inactivator

cinchonidine
(RN) 485-71-2
(RR) 40134-63-2 ((1beta,3alpha,4beta,8alpha,9R)-isomer)
(RR) 524-61-8 (sulfate[2:1](8alpha,9R)-isomer)
(RR) 524-57-2 (mono-HCl(8alpha,9R)-isomer)
(HM) *CINCHONA ALKALOIDS
(NO) diastereoisomer of cinchonine with distinct physiochemical properties; RN given refers to parent cpd(8alpha,9R)-isomer; RN for parent cpd without isomeric designation not in Chemline 7/84

cinchonine
(RN) 118-10-5
(RR) 66083-78-1 (hexa-iodoTl(-2)[1:1](9S)-isomer)
(RR) 24302-67-8 (unspecified HCl(9S)-isomer)
(RR) 5949-16-6 (sulfate[2:1](9S)-isomer)
(RR) 5949-11-1 (mono-HCl(9S)-isomer)
(HM) *CINCHONA ALKALOIDS
(NO) diastereoisomer of cinchonidine with distinct physiochemical properties; occurs in most varieties of cinchona bark; RN given refers to parent cpd(9S)-isomer; RN for cpd without isomeric designation not in Chemline 7/84

cineole
(RN) 470-82-6
(SY) eucalyptol
(SY) 1,8-cineole
(HM) MENTHOL/*analogs
(NO) structure in Merck Index, 9th ed, #2280

1,8-cineole see cineole

cinepazet
(RN) 23887-41-4
(RR) 50679-07-7 (maleate[1:1])
(RR) 24536-75-2 (unspecified maleate)
(RR) 26219-22-7 (HCl)
(SY) cinepazil
(SY) ethyl cinepazate maleate
(SY) ethyl-4-(3,4,5-trimethoxycinnamoyl)piperazinyl acetate
(SY) cinepazet maleate
(SY) 6753 MD
(SY) Vascoril
(SY) 3,4,5-trimethoxycinnamoyl-1-ethyl acetate-4-piperazine maleate
(HM) *PIPERAZINES
(PA) VASODILATOR AGENTS
(NO) RN given refers to parent cpd; structure

cinepazet maleate see cinepazet

cinepazide
(RN) 23887-46-9
(SY) 1-((1-pyrrolidinylcarbonyl)methyl)-4-(3,4,5-trimethoxycinnamoyl)piperazine
(HM) *PIPERAZINES
(PA) VASODILATOR AGENTS
(PA) ANTIPARKINSON AGENTS
(NO) see also record for cinepazide maleate; structure in Merck, 9th ed, #2282

cinepazide maleate
(RN) 26328-04-1
(SY) 67350-MD
(SY) vasodistal
(SY) 1-((1-pyrrolidynylcarbonyl)methyl-4-(3,4,5-trimethoxycinnamoyl)piperazine maleate
(HM) *PIPERAZINES
(PA) VASODILATOR AGENTS
(NO) systemic, coronary & cerebral vasodilator agent; see also record for cinepazide (parent cpd); structure

cinepazil see cinepazet

cinerubine A
(RN) 34044-10-5
(HM) NAPHTHACENES
(PA) ANTIBIOTICS
(PA) ANTIBIOTICS, ANTINEOPLASTIC

cingestol
(RN) 16915-71-2
(HM) *NORPREGNENES
(II) PROGESTATIONAL HORMONES, SYNTHETIC
(NO) structure

C5a-inhibitor see complement 5a-inhibitor

cinitapride
(RN) 66564-14-5
(HM) *BENZAMIDES
(NO) RN from USAN; RN not in Chemline 6/85; structure given in USAN

cinmethacin
(RN) 20168-99-4
(HM) *INDOLEACETIC ACIDS
(PA) ANALGESICS, ANTI-INFLAMMATORY

cinnabar
(RN) 19122-79-3
(SY) mercuric sulfide
(HM) *MERCURY
(NO) powdered red pigment; may also contain small amount of red lead oxide

cinnabarinate synthase
(RN) EC 1.11.1.-
(HM) *CATALASE
(NO) reaction catalyzed by catalase, EC 1.11.1.6

cinnabarinic acid
(RN) 606-59-7
(HM) *OXAZINES
(NO) structure

cinnamaldehyde see cinnamic aldehyde

trans-cinnamate 4-monooxygenase
(RN) EC 1.14.13.11
(RR) 9077-75-2 (CRN)
(SY) trans-cinnamic acid 4-hydroxylase
(HM) *HYDROXYLASES

cinnamedrine
(RN) 90-86-8
(RR) 64043-54-5 (HCl((R*,S*)-(+-))-isomer)
(RR) 64043-52-3 (HCl(S-(R*,S*))-isomer)
(SY) alpha-(1-(cinnamylmethylamino)ethyl)benzyl alcohol
(HM) EPHEDRINE/*analogs
(PA) PARASYMPATHOLYTICS
(NO) RN given refers to parent cpd without isomeric designation

cinnamic acid
(RN) 621-82-9
(RR) 63938-16-9 (Ni(+2) salt)
(RR) 16089-48-8 (K salt)
(RR) 6798-77-2 (Zn salt(E)-isomer)
(RR) 538-42-1 (Na salt)
(RR) 140-10-3 ((trans)-(E)-isomer)
(RR) 102-94-3 ((Z)-isomer)
(RR) 17263-38-6 (ion(1-)-(E)-isomer)
(RR) 4151-45-5 (ion(1-))
(RR) 60552-99-0 (3H-labeled cpd (E)-isomer)
(RR) 60553-00-6 (3H-labeled cpd (Z)-isomer)
(RR) 34479-22-6 (ion(1-))
(RR) 18509-03-0 (Na salt(E)-isomer)
(RR) 59874-61-2 (Na salt(Z)-isomer)
(RR) 14671-13-7 (3-(14)C-labeled cpd)
(RR) 4469-06-1 (14C-labeled cpd (E)-isomer)
(RR) 4457-45-8 (14C-labeled cpd)
(RR) 55064-92-1 (13C-labeled cpd)
(RR) 54522-93-9 (2-(13)C-labeled cpd)
(RR) 32013-49-3 (2-(14)C-labeled cpd)
(HM) *CINNAMATES
(NO) RN given refers to parent cpd without isomeric designation; structure in Merck Index, 9th ed, 2288

trans-cinnamic acid 4-hydroxylase see trans-cinnamate 4-monooxygenase

cinnamic alcohol see cinnamyl alcohol

cinnamic aldehyde
(RN) 104-55-2
(RR) 14371-10-9 ((E)-isomer)
(SY) cinnamaldehyde
(HM) *ACROLEIN/analogs
(NO) RN given refers to cpd without isomeric designation; structure

cinnamic anhydride
(RN) 538-56-7
(RR) 21947-71-7 ((E,E)-isomer)
(HM) *CINNAMATES
(NO) RN given refers to cpd without isomeric designation

O-cinnamoyl beta-phenyllactate
(RN) 26467-18-5
(SY) O-trans-cinnamoyl L-beta-phenyllactate
(HM) *LACTATES
(NO) RN given refers to (trans-L)-isomer; RN for cpd without out isomeric designation not in Chemline 10/83; RN given from first source

O-trans-cinnamoyl L-beta-phenyllactate see O-cinnamoyl beta-phenyllactate

cinnamoyl chloride
(RN) 102-92-1
(RR) 17082-09-6 ((E)-isomer)
(HM) *CINNAMATES
(NO) RN given refers to cpd without isomeric designation

cis-cinnamoylchymotrypsin
(RN) EC 3.4.21.-
(SY) trans-cinnamoylchymotrypsin
(HM) *CHYMOTRYPSIN
(NO) light-sensitive derivative of chymotrypsin, EC 3.4.21.1

trans-cinnamoylchymotrypsin see cis-cinnamoylchymotrypsin

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cinnamoyl CoA reductase
(RN) EC 1.2.1.44
(HM) *ALDEHYDE OXIDOREDUCTASES

cinnamoylcocaine
(RN) 521-67-5
(RR) 50763-21-8 ((1R-(1alpha,2alpha,3alpha(Z),5alpha))-isomer)
(RR) 50763-20-7 ((1R-(1alpha,2alpha,3alpha(E),5alpha))-isomer)
(HM) COCAINE/*analogs
(NO) RN given refers to (1R-(exo,exo))-isomer; RN for cpd without isomeric designation not in Chemline 3/84

cinnamoylimidazole
(RN) 1138-15-4
(RR) 30802-05-2 ((Z)-isomer)
(HM) *IMIDAZOLES
(NO) RN given refers to (E)-isomer; RN for cpd without isomeric designation not in Chemline 8/4/83

cinnam-Phe-tRNA see tRNA, cinnamylphenylalanine-

cinnamyl alcohol
(RN) 104-54-1
(RR) 4407-36-7 ((E)-isomer)
(RR) 53955-16-1 (Ti(4+) salt)
(SY) cinnamic alcohol
(HM) ALCOHOL, PROPYL/*analogs
(NO) RN given refers to parent cpd without isomeric designation

cinnamyl alcohol dehydrogenase
(RN) EC 1.1.1.-
(HM) *ALCOHOL OXIDOREDUCTASES
(NO) NADP-dependent

cinnamyl anthranilate
(RN) 87-29-6
(SY) 3-phenyl-2-propenyl-2-aminobenzoate
(HM) *ANTHRANILIC ACIDS
(II) FOOD ADDITIVES
(II) FLAVORING AGENTS

cinnamyl-phenylalanine-tRNA see tRNA, cinnamylphenylalanine-

cinnamyl-phenylalanyl-tRNA see tRNA, cinnamylphenylalanine-

cinnamyl-tRNA(Phe) see tRNA, cinnamylphenylalanine-

cinodine
(RN) 52932-64-6
(RR) 68782-58-1 (HCl)
(RR) 72236-87-4 (sulfate)
(HM) AMINOGLYCOSIDES
(PA) ANTIBIOTICS
(NO) glycocinnamoylspermidine antibiotic; RN given refers to cpd with unknown MF

cinopal see fenbufen

C.I. No. 77310 see chrome rutile yellow

C.I. No.77310 see nickel rutile yellow

cinpropazide
(RN) 26328-00-7
(SY) MD 68111
(SY) 1-(3',4',5'-trimethoxycinnamoyl)-4-(N-isopropylaminocarbonylmethyl)piperazine maleate
(HM) *PIPERAZINES
(PA) VASODILATOR AGENTS
(NO) potent vasodilator exerting principal action on intramyocardial circulation increasing the blood flow of the coronary vessels & of the endocardic microcirculation; structure

cin recombinase
(RN) EC 2.7.7.-
(HM) *DNA NUCLEOTIDYLTRANSFERASES
(NO) involved in inversion of DNA segments

cinromide
(RN) 69449-19-0
(RR) 58473-74-8 ((E)-isomer)
(SY) 3-bromo-N-ethylcinnamide
(HM) *CINNAMATES
(PA) ANTICONVULSANTS
(NO) RN given refers to cpd without isomeric designation

Ciodria see crotoxyphos

C.I. pigment brown 24 see chrome rutile yellow

C.I. pigment yellow 12 see pigment yellow 12

C.I. pigment yellow 53 see nickel rutile yellow

cipralan see cibenzoline

ciprofibrate
(RN) 52214-84-3
(SY) Win 35,833
(HM) CLOFIBRIC ACID/*analogs
(PA) ANTILIPEMIC AGENTS
(NO) structure

ciprofloxacin
(RN) 85721-33-1
(SY) 1-cyclopropyl-6-fluoro-1,4-dihydro-4-oxo-7-(1-piperazinyl)-3-quinolinecarboxylic acid
(SY) Bay-09867
(SY) Bay 09867
(HM) *QUINOLINES
(PA) ANTI-INFECTIVE AGENTS
(PA) ANTI-INFECTIVE AGENTS, URINARY
(NO) structure given in first source

cipropride
(RN) 68475-40-1
(SY) N-((1-cyclopropylmethyl)-2-pyrrolidinyl)methyl)-5-sulfamoyl-o-anisamide
(SY) SL 74036
(HM) *PYRROLIDINES
(PA) ANTIEMETICS
(NO) structure given in first source

ciprostene
(SY) 9beta-methylcarbacyclin
(SY) 9beta-methyl-6alpha-carbaprostaglandin I2
(HM) *PROSTAGLANDINS X
(II) PROSTAGLANDINS, SYNTHETIC
(NO) structure given in first source

ciramadol
(RN) 63323-46-6
(SY) 1-cis-2-(alpha-dimethylamino-m-hydroxybenzyl) cyclohexanol.HCl
(SY) Wy-15,705
(SY) Phenol, 3-((dimethylamino)(2-hydroxycyclohexyl) methyl)-, hydrochloride, (1alpha(R*),2alpha)-(-) -
(HM) *BENZYLAMINES
(PA) ANALGESICS
(NO) benzylamine analgesics; structure given in fourth source

cirazoline see LD 3098

circulating anticoagulants
(HM) *IMMUNOGLOBULINS
(II) BLOOD COAGULATION

circumsporozoite (CS) protein see circumsporozoite protein

circumsporozoite protein
(SY) circumsporozoite (CS) protein
(HM) *SURFACE ANTIGENS
(II) SPOROZOA
(II) PLASMODIUM FALCIPARUM
(II) ANTIGENS, PROTOZOAN
(NO) surface antigen on sporozoite of Plasmodium falciparum; contains 412 amino acids

C.I. reactive red 120 see reactive red 120 dye

C.I. Reactive Red 58 see Procion brilliant red H-8BN

C.I. reactive yellow 4 see reactive yellow 4

CI repressor see lambda repressor

cirsiliol
(RN) 34334-69-5
(SY) 3',4',5-trihydroxy-6,7-dimethoxyflavone
(HM) *FLAVONES
(NO) potent inhibitor of arachidonate lipooxygenase

CIRTP see 6-chloro-9 beta-D-ribofuranosylpurine-5'-triphosphate

cisapride see R 51619

CISCA
(SY) CAP-regimen
(SY) PAC-I
(SY) PAC-V
(SY) CISCA (II)
(HM) CISPLATIN
(HM) CYCLOPHOSPHAMIDE
(HM) DOXORUBICIN
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds; used in treatment of neoplasms

CISCA (II) see CISCA

CISCA(II)-VB(IV)
(HM) DOXORUBICIN
(HM) CISPLATIN
(HM) BLEOMYCINS
(HM) VINBLASTINE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotheraphy protocol consisting of above 5 cpds

cismethrin
(RN) 35764-59-1
(RR) 75444-13-2 (14C-labeled cpd (1R-cis)-isomer)
(RR) 50389-86-1 (cis-(-)-isomer)
(RR) 10453-56-2 (cis-(+-)-isomer)
(SY) 5-benzyl-3-furylmethyl(1.R)-cis-chrysanthemate
(SY) NRDC 119
(HM) *PYRETHRINS
(NO) RN given refers to (1R-cis)-isomer

Cisobitan see KABI-1774

C.I. solvent blue 38 see luxol fast blue MBS

C.I. Solvent Orange 2
(RN) 2646-17-5
(SY) toluene-2-azonaphthol-2
(SY) 1-o-tolylazo-2-naphthol
(HM) *AZO COMPOUNDS
(II) DYES
(NO) structure

C.I. Solvent Orange 3 see chrysoidine

C.I. Solvent Red 24 see Scarlet Red

C.I. Solvent Yellow 56
(RN) 2481-94-9
(SY) 4-diethylaminoazobenzene
(SY) N,N-diethyl-4-aminoazobenzene
(SY) DEAB
(HM) *P-AMINOAZOBENZENE/analogs
(II) DYES
(NO) not a carcinogen

d(A-T-G-G)cisplatin see deoxyadenylyl-thymidylyl-deoxyguanylyl-deoxyguanosine-cisplatin complex

cisplatin-deoxyadenylyl-thymidylyl-deoxyguanylyl-deoxyguanosine complex see deoxyadenylyl-thymidylyl-deoxyguanylyl-deoxyguanosine-cisplatin complex

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citalopram
(RN) 59729-33-8
(RR) 59729-32-7 (mono-HBr)
(SY) Lu 10-171
(SY) cytalopram
(SY) 1-(3-dimethylamino)propyl)-1-(p-fluorophenyl)-5-phthalancarbonitrile
(HM) *PROPYLAMINES
(PA) SEROTONIN ANTAGONISTS
(NO) inhibits neuronal uptake of serotonin; RN given refers to parent cpd; structure

citiolone
(RN) 1195-16-0
(RR) 34148-12-4 (former CAS registry number)
(RR) 17896-21-8 ((+-)-isomer)
(SY) N-acetylhomocysteine thiolactone
(SY) Reducdyn
(SY) Thioxidrene
(HM) *THIOPHENES
(NO) RN given refers to cpd without isomeric designation; structure

citizine see cytisine

citogran see buthiopurine

citon see technetium Tc 99m citrate

citraconic anhydride
(RN) 616-02-4
(SY) 2-methylmaleic anhydride
(HM) *CITRACONIC ANHYDRIDES

citraconyl insulin see insulin, citraconyl-

citraconyl-LDL see citraconyl-low density lipoprotein

citraconyl-low density lipoprotein
(SY) citraconyl-LDL
(HM) *LIPOPROTEINS, LDL
(HM) *CITRACONIC ACID/analogs
(NO) chemically modified LDL; citraconic anhydride reacted with lysine residue of LDL

citral
(RN) 5392-40-5
(RR) 141-27-5 (Citral A)
(RR) 106-26-3 (Citral B)
(HM) *TERPENES
(PA) VITAMIN A/antag
(NO) oxygenated monoterpene; structure

citramalate
(RN) 2306-22-1
(RR) 6236-10-8 ((R)-isomer)
(RR) 6236-09-5 ((S)-isomer)
(RR) 597-44-4 ((+-)-isomer)
(SY) alpha-methylmalate
(HM) *MALATES
(NO) RN given refers to cpd without isomeric designation

citrate see citric acid

citrate-binding transport protein
(SY) tricarboxylate transporter
(SY) citrate transporter
(HM) *CARRIER PROTEINS
(NO) component of C protein from Salmonella typhimurium; do not confuse with C-protein found in vertebrate skeletal muscle

citrated nalidixic acid see mictral

citrate lyase see citrate (pro-3S)-lyase

citrate lyase deacetylase see citrate (pro-3S)-lyase deacetylase

citrate lyase ligase
(RN) EC 6.2.-
(HM) *LIGASES
(NO) deacetylcitrate lyase, acetate & ATP forms citrate lyase, AMP, Pi

citrate periplasmic carrier protein see C protein

citrate phosphate dextrose
(RN) 51404-37-6
(SY) citroglucophosphate
(HM) *GLUCOSE
(HM) *CITRATES
(PA) ANTICOAGULANTS
(NO) anticoagulant used in blood preservation

citrate (pro-3S)-lyase deacetylase
(RN) EC 3.1.2.-
(SY) citrate lyase deacetylase
(HM) *THIOLESTER HYDROLASES
(NO) catalyzes conversion of enzymatically active acetyl-S-citrate lyase (4.1.3.6) into inactive HS-form & acetate

citrate (pro-3S)-lyase
(RN) EC 4.1.3.6
(RR) 9012-83-3 (CRN)
(SY) citrate lyase
(HM) *KETOACID-LYASES
(HM) *MULTIENZYME COMPLEXES
(NO) consists of two enzymes & an acyl carrier protein

citrate transporter see citrate-binding transport protein

citreoviridin
(RN) 25425-12-1
(HM) *AUROVERTINS
(II) MYCOTOXINS
(II) NEUROTOXINS
(NO) formed from Penicillium toxicarium, Penicillium citeoviride; Penicillium ochrosalmoneum on rice during storage

citric acid
(RN) 77-92-9
(RR) 61101-06-2 (acetolyt)
(RR) 55049-48-4 (Uralyt U)
(RR) 14450-60-3 (Pb salt)
(RR) 7778-49-6 (K salt)
(RR) 7693-13-2 (Ca salt)
(RR) 3012-65-5 (NH4 salt)
(RR) 866-84-2 (tri-K salt)
(RR) 813-94-5 (Ca[2:3] salt)
(RR) 546-46-3 (Zn[2:3] salt)
(RR) 512-26-5 (Pb(+2)[2:3] salt)
(RR) 68-04-2 (tri-Na salt)
(RR) 60837-85-6 (Sc(+3) salt)
(RR) 57018-24-3 (46Sc(+3)-labeled salt)
(RR) 74494-56-7 (Iu(+3) salt)
(RR) 71895-21-1 (111In-labeled[1:1] salt)
(RR) 35935-01-4 (In salt)
(RR) 4194-69-8 (In(+3)[3:1] salt)
(RR) 60813-18-5 (La(+3) salt)
(RR) 55655-27-1 (140La(+3)-labeled salt)
(RR) 3002-52-6 (La(+3)[1:1] salt)
(RR) 813-93-4 (Bi(+3) salt)
(RR) 56720-88-8 (206Bi-labeled salt)
(RR) 18223-31-9 (Bi salt)
(RR) 15499-68-0 (Be salt)
(RR) 28060-67-5 (polycitra)
(RR) 73909-14-5 (Na,Th salt)
(RR) 512-25-4 (Ba[2:3] salt)
(SY) ammonium citrate, dibasic
(SY) acetolyt
(SY) calcium citrate
(SY) diammonium citrate
(SY) lithium citrate
(SY) lead citrate
(SY) magnesium citrate
(SY) potassium citrate
(SY) polycitra K
(SY) scandium citrate
(SY) polycitra
(SY) sodium citrate
(SY) Uralyt U
(SY) Eisenberg solution
(SY) trisodium citrate
(SY) zinc citrate
(SY) citrate
(SY) beryllium citrate
(SY) indium citrate
(SY) lanthanum citrate
(SY) Bicitra
(SY) monocalcium citrate
(SY) aluminum citrate
(SY) iron citrate
(SY) thorium citrate
(SY) samarium-57 citrate
(SY) barium citrate
(SY) titanium III citrate
(SY) urocit
(HM) *CITRATES
(PA) ANTACIDS
(NO) RN given refers to parent cpd

citriphos see cytriphos

citroglucophosphate see citrate phosphate dextrose

citronellol
(RN) 106-22-9
(RR) 26489-01-0 ((+-)-isomer)
(RR) 7540-51-4 ((S)-isomer)
(RR) 1117-61-9 ((R)-isomer)
(RR) 38827-13-3 (Ti(+4) salt)
(HM) *TERPENES
(NO) RN given refers to parent cpd without isomeric designation; structure

citronellyl acetate
(RN) 150-84-5
(RR) 67601-05-2 ((S)-isomer)
(HM) *TERPENES
(NO) RN given refers to cpd without isomeric designation

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citro-soda
(RN) 76095-53-9
(HM) *CITRATES
(HM) *BICARBONATES
(HM) *TARTRATES
(HM) DRUG COMBINATIONS
(PA) ANTACIDS
(NO) antacid & urinary alkalinizer containing sodium citrate, sodium bicarbonate, citric acid, tartaric acid

citrullinase
(RN) EC 3.5.1.20
(SY) citrulline hydrolase
(HM) *AMIDOHYDROLASES

citrulline hydrolase see citrullinase

citryl-CoA see citryl-coenzyme A

(3S)-citryl-CoA see citryl-coenzyme A

citryl-coenzyme A
(RN) 3131-26-8
(SY) (3S)-citryl-CoA
(SY) citryl-CoA
(HM) *ACYL COENZYME A

citrylglutamate hydrolase see beta-citryl-L-glutamate hydrolase

CI 12055 see 1-phenylazo-2-naphthol

C.I. 12075
(RN) 3468-63-1
(SY) D.C. Orange No. 17
(SY) 1-((2,4-dinitrophenyl)azo)-2-naphthalenol
(HM) *AZO COMPOUNDS
(II) DYES
(NO) structure given in first source

C.I. 15980 see E 111

C.I. 15-985 see FD & C Yellow No. 6

C.I. 16150 see ponceau MX

C.I. 18050 see red 2G

C.I. 20285 see Chocolate Brown HT

C.I. 21000 see Bismark Brown

C.I. 26100 see sudan III

C.I. 42000 see malachite green

C.I. 42053 see fast green FCF

C.I. 42090 see brilliant blue

C.I. 42095 see Light green SF

CI 42510 see rosaniline

C.I. 42510 see rosaniline

C.I. 42640 see Acid Violet 6B

C.I. 42655 see coomassie Brilliant Blue

C.I. 44090 see Green S

C.I. 45350 see fluorescein

C.I. 56205 see brilliant sulfaflavine

CI 628M see CI628M

CI-628M see CI628M

CI628M
(RN) 76313-96-7
(SY) alpha-(4-pyrrolidinoethoxy)phenyl-4-hydroxy-alpha'-nitrostilbene
(SY) CI-628M
(SY) CI 628M
(HM) *STILBENES
(PA) ESTROGEN ANTAGONISTS

CI 679 see CI-679

CI679 see CI-679

CI-679
(RN) 22316-71-8
(RR) 22316-70-7 (acetate salt)
(SY) 2,4-diamino-6-((3,4-dichlorobenzyl)nitrosamino) quinazoline
(SY) nitroquine
(SY) CI 679
(SY) CI679
(HM) *QUINAZOLINES
(PA) ANTIMALARIALS
(NO) RN given refers to parent cpd

CI 683 see ripazepam

CI-683 see ripazepam

CI 686 see trebenzomine

CI-686 see trebenzomine

CI 719 see gemfibrozil

CI-719 see gemfibrozil

CI744 see CI-744

CI 744 see CI-744

CI-744
(RN) 37291-85-3
(SY) tilazol
(SY) telazol
(SY) CI 744
(SY) CI744
(HM) *ZOLAZEPAM
(HM) *TILETAMINE
(HM) DRUG COMBINATIONS
(PA) ANESTHETICS
(PA) ANESTHETICS, DISSOCIATIVE
(NO) anesthetic composed of tiletamine & zolazepam (flupyrazapone); diazepinone tranquilizer

C.I. 77491 see ferric oxide

CI 775 see bevantolol

CI-775 see bevantolol

CI-781 see zometapine

CI 781 see zometapine

CI 845 see pirmenol

CI867 see CI 867

CI 867
(RN) 69402-03-5
(SY) CI 867
(SY) CI867
(HM) *PENICILLINS
(NO) semisynthetic penicillin; structure

CI 867 see CI 867

CI 906
(RN) 82586-55-8
(SY) CI-906
(SY) PD 109452-2
(SY) PD-109,452-2
(SY) 2-(2-((1-(ethoxycarbonyl)-3-phenylpropyl)amino)-1-oxopropyl)-1,2,3,4-tetrahydro-3-isoquinolinecarboxylic acid
(HM) *ISOQUINOLINES
(PA) KININASE II/antag
(PA) ANTIHYPERTENSIVE AGENTS
(NO) structure given in first source

CI-906 see CI 906

CI-907 see SCH 31846

CI 907 see SCH 31846

CI-914 see CI 914

CI 914
(RN) 84243-58-3
(RR) 89198-09-4 (HCl)
(SY) 4,5-dihydro-6-(4-(1H-imidazol-1-yl)phenyl)-3(2H)-pyridazinone
(SY) CI-914
(HM) *PYRIDAZINES
(PA) CARDIOTONIC AGENTS
(NO) RN & structure given in first source; RN not in Chemline 10/84; RN given refers to parent cpd

CI 919 see enoxacin

CI-919 see enoxacin

CI-920 see PD 110161

CI 920 see PD 110161

CI 921
(SY) CI-921
(SY) NSC 343499
(SY) NSC-343499
(SY) N-5-dimethyl-9-((2-methoxy-4-methylsulfonylamino)phenylamino)-4-acridinecarboxamide
(HM) *AMINOACRIDINES
(PA) ANTINEOPLASTIC AGENTS
(NO) derivative of amsacrine; structure given in first source

CI-921 see CI 921

CI 922
(SY) CI-922
(SY) 3,7-dimethoxy-4-phenyl-N-(1H-tetrazol-5-yl)-4H-furo-(3,2-b)-indole-2-carboxamide 1-arginate
(HM) *INDOLES
(HM) *TETRAZOLES
(II) HISTAMINE LIBERATION/drug eff
(NO) inhibits IgE induced release of histamine

CI-922 see CI 922

CI-924 see CI 924

CI 924
(RN) 79520-77-7
(SY) 5,5'-((1,1-biphenyl)-2,5-diylbis(oxy))bis(2,2-dimethylpentanoic acid)
(SY) CI-924
(HM) *PENTANOIC ACIDS
(PA) ANTILIPEMIC AGENTS
(NO) elevates HDL; structure & RN given in first source

CI-930 see CI 930

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CI 930
(RN) 86798-59-6
(RR) 90791-23-4 (HCl)
(SY) 4,5-dihydro-6-(4-(1H-imidazol-1-yl)phenyl)-5-methyl-3(2H)-pyridazinone
(SY) CI-930
(HM) *PYRIDAZINES
(PA) CARDIOTONIC AGENTS
(NO) RN & structure given in first source; RN not in Chemline 10/84; RN given refers to parent cpd

CI-940 see elactocin

CI 940 see elactocin

C18-juvenile hormone see juvenile hormone I

CJ-91B see azodisalicylate

CKM 1634 see CKM-1634

CKM-1634
(RN) 25085-50-1
(RR) 26808-99-1 (Mg salt)
(SY) p-tert-butylphenol formaldehyde resin
(SY) PTBP resin
(SY) p-tert-butylphenolformaldehyde resin
(SY) CKM 1634
(SY) 4-tert-butylphenolformaldehyde resin
(SY) para-tert-butylphenolformaldehyde resin
(SY) PTBP plastic
(HM) *RESINS, SYNTHETIC
(NO) irritant; used in glues; RN given refers to parent cpd; PTBP plastic is the macromolecular form of the resin

CKO 569A see guanidino propyl piperazine

CK-0383 see CK 0383

CK 0383
(RN) 66172-75-6
(SY) 3,7-dihydro-1,8-dimethyl-3-(2-methylbutyl)-1H-purine-2,6-dione
(SY)
(DL)-3,7-dihydro-1,8-dimethyl-3-(2-methylbutyl)-1H-purine-2,6-dione
(SY) CK-0383
(SY) verofylline
(HM) THEOPHYLLINE/*analogs
(PA) BRONCHODILATOR AGENTS

CK0492B see CK 492B

CK0683A see CK 683A

CK 492B
(RN) 64169-11-5
(SY) CK-492B
(SY) CK0492B
(SY) 1,4-bis-(3-(1-adamantyl carbamylguanidino) propyl)piperazine
(HM) ADAMANTANE/*analogs
(PA) ANTI-INFECTIVE AGENTS, LOCAL
(NO) RN given refers to dimethanesulfonate; RN for parent cpd not in Chemline 6/83; structure given in first source

CK-492B see CK 492B

CK 569A see guanidino propyl piperazine

CK 683A
(RN) 83539-21-3
(SY) CK-683A
(SY) CK0683A
(SY) 1,7-bis((1-adamantyl)carbamylguanidino)-4-methyl-4-azaheptane
(HM) ADAMANTANE/*analogs
(PA) ANTI-INFECTIVE AGENTS, LOCAL
(NO) RN given refers to monomethanesulfonate; RN for parent cpd not in Chemline 6/83; structure given in first source

CK-683A see CK 683A

cladosporin
(RN) 35818-31-6
(SY) asperentin
(SY) 3,4-dihydro-6,8-dihydroxy-3-(6-methyltetrahydropyran- 2-ylmethyl)isocoumarin
(HM) *COUMARINS
(PA) ANTIBIOTICS, ANTIFUNGAL
(II) MYCOTOXINS
(NO) antifungal metabolite from Cladosporium cladosporioides; toxic, minor metabolite of Aspersillus flavus

ClaI restriction endonuclease see endodeoxyribonuclease ClaI

clanobutin
(RN) 30544-61-7
(RR) 74755-21-8 (Na salt)
(SY) 4-(4-chloro-N-(4-methoxyphenyl)benzamido) butyric acid
(SY) Bykahepar
(HM) GABA/*analogs
(PA) ANTI-ULCER AGENTS
(PA) CHOLAGOGUES AND CHOLERETICS
(NO) RN given refers to parent cpd; structure

3-Cl-Ara-U see
1-(3'-chloro-3'-deoxyarabinofuranosyl)uracil

clarosan see terbutryne

clathrin-binding protein see uncoating protein

Cl ATPase see bicarbonate ATPase

ClAuPEt3 see triethylphosphine gold chloride

5-ClAU see 5-(4-chlorobenzyl)-6-aminouracil

clavulanate see clavulanic acid

clavulanic acid
(RN) 58001-44-8
(RR) 61177-45-5 (mono-K salt)
(RR) 57943-81-4 (mono-Na salt)
(RR) 60802-63-3 (mono-Na salt(2R-(2alpha,3E,5alpha))-isomer)
(RR) 61177-44-4 (mono-Li salt)
(SY) MM 14151
(SY) clavulanate
(HM) *CLAVULANIC ACIDS
(PA) ANTIBIOTICS
(PA) BETA LACTAMASES/antag
(PA) ENZYME INHIBITORS
(NO) novel fused beta-lactam with beta-lactamase antagonism; RN given refers to (2R-(2alpha,3Z,5alpha))-isomer; RN for cpd without isomeric designation not in Chemline 7/12/83; structure

clavulones
(HM) *PROSTAGLANDINS A
(PA) ANTINEOPLASTIC AGENTS
(NO) marine prostanoids from Clavularia viridis

clay
(RN) 1302-87-0
(HM) *ALUMINUM SILICATES

clazamycin A
(RN) 71806-55-8
(SY) (5S,6aR)-5-chloro-4,5,6,6a-tetrahydro-6a-hydroxy-3-imino-3H-3a-azapentalene
(HM) PYRROLES
(PA) ANTIBIOTICS
(NO) see also clazamycin B; structure in first source

clazamycin B
(RN) 71774-49-7
(SY) (5S,6aS)-5-chloro-4,5,6,6a-tetrahydro-6a-hydroxy-3-imino-3H-3a-azapentalene
(SY) antibiotic 354
(SY) U-54,702D
(HM) PYRROLES
(PA) ANTIBIOTICS
(NO) see also clazamycin A; structure in first source

CLCP see chymotrypsin-like cationic protein

CL cytotoxin A-IV see Cerebratulus lacteus toxin A-IV

2-O7-Cl-6-DPE see
2-hydroxy-2',3',4,5,5',6'-hexachlorodiphenyl ether

Clearfil Bonding Agent
(SY) Clearfil New Bond
(HM) *COMPOSITE RESINS
(II) BONDING, DENTAL
(II) ADHESIVES
(NO) dentin bonding agent

Clearfil New Bond see Clearfil Bonding Agent

clebopride
(RN) 55905-53-8
(RR) 84370-95-6 (unspecified maleate)
(RR) 74214-64-5 (maleate[1:1])
(RR) 57645-85-9 (fumarate[1:1])
(RR) 57645-39-3 (mono-HCl)
(SY) cleboril
(HM) *BENZAMIDES
(PA) ANTIEMETICS
(NO) antidopaminergic; RN given refers to parent cpd; structure

cleboril see clebopride

cleistanthin
(RN) 25047-48-7
(HM) *GLYCOSIDES
(II) TOXINS
(NO) lignan lactone toxic glycoside from Cleistanthus collinus (Roxb); structure

cleocin palmitate see clindamycin palmitate

cleocin phosphate see clindamycin-2-phosphate

cleomiscosin A
(RN) 76948-72-6
(HM) *DIOXANES
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(II) PLANT EXTRACTS
(NO) coumarinolignan derivative from Simaba multiflora & Soulamea soulameoides; RN given from CA Index Guide; RN not in Chemline 8/84; structure given in first source

Cleregil
(RN) 3342-61-8
(SY) deanol aceglutamate
(SY) CR-121
(SY) CR 121
(HM) *GLUTAMATES
(HM) DRUG COMBINATIONS
(PA) *PSYCHOTROPIC DRUGS
(NO) combination of deanol and N-acetyl-L-glutamic acid

clesidren see epomediol

Clestol see dioctyl sulfosuccinic acid

3-Cl-FA-Ac see 3-chlorofluocinolone acetonide 21-acetate

3-Cl-FA see 3-chlorofluocinolone acetonide

CLGB see bradykinin, cyclo(N-(epsilon-1)-1-Lys-6-Gly)-

Cl(-)-HCO3(-)-exchanger see chloride-hydroxide antiporter

4-CL-2-HPA see 4-chloro-2-hydroxyphenylacetic acid

clindamycin palmitate
(RN) 35208-55-0
(RR) 25507-04-4 (HCl)
(SY) cleocin palmitate
(SY) 7-chlorolincomycin palmitate
(SY) 7-chloro-7-deoxylincomycin palmitate
(HM) CLINDAMYCIN/*analogs
(NO) RN given refers to parent ester

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clindamycin phosphate see clindamycin-2-phosphate

clindamycin-2-phosphate
(RN) 24729-96-2
(SY) cleocin phosphate
(SY) clindamycin phosphate
(HM) CLINDAMYCIN/*analogs

C lineata lectin see Canavalia lineata lectin

clinitest
(RN) 63126-89-6
(SY) 1,2,3-Propanetricarboxylic acid, 2-hydroxy-, mixt. with copper(2+) sulfate (1:1), sodium hydrogen carbonate and sodium hydroxide
(HM) *CITRATES
(HM) DRUG COMBINATIONS
(II) INDICATORS AND REAGENTS
(NO) tablets used for testing urine for reducing substances; contains sodium hydroxide, copper sulfate, citric acid & sodium carbonate; accidental ingestion causes esophageal burn & stricture due to caustic NaOH

clinofibrate
(RN) 30299-08-2
(RR) 76149-23-0 ((R*,R*)-(+-)-isomer)
(RR) 71603-13-9 ((R*,R*)-(-)-isomer)
(RR) 71603-12-8 ((R*,R*)-(+)-isomer)
(RR) 71603-11-7 ((R*,S*)-isomer)
(SY) S 8527
(SY) 1,1-bis(4'-(1"-carboxy-1"-methylpropoxy) phenyl)cyclohexane
(HM) *PHENOXYACETATES
(PA) ANTILIPEMIC AGENTS
(NO) RN given refers to cpd without isomeric designation; structure

clinoptilolite see zeolite

clionesterol see sitosterol

CLIP see corticotropin-like intermediate lobe peptide

cloacin receptor
(SY) cloacin receptors
(SY) receptor, cloacin
(HM) *RECEPTORS, IMMUNOLOGIC
(II) CLOACIN

cloacin receptors see cloacin receptor

clobamine mesylate see cilobamine

clobazam
(RN) 22316-47-8
(SY) urbanyl
(SY) HR 376
(SY) Frisium
(HM) *BENZODIAZEPINONES
(PA) BENZODIAZEPINE TRANQUILIZERS
(PA) ANTICONVULSANTS
(NO) anxiolytic; structure

clobenfurol
(RN) 3611-72-1
(SY) cloridol
(SY) menacor
(SY) cloridarol
(SY) chloridarol
(SY) 2-benzofuryl-p-chlorophenylcarbinol
(HM) *BENZOFURANS
(PA) VASODILATOR AGENTS
(NO) structure

clobenosid see clobenoside

clobenoside
(RN) 29899-95-4
(SY) clobenosid
(SY) 1-O-ethyl-5,6-bis-O-(4-chlorobenzyl)-3-O-propyl-D-glucofuranoside
(HM) GLUCOSE/*analogs
(NO) structure given in first source

clobetasol propionate
(RN) 25122-46-7
(SY) Dermovate
(SY) clobetasol 17-propionate
(HM) CLOBETASOL/*analogs

clobetasol 17-propionate see clobetasol propionate

clobetasone butyrate
(RN) 25122-57-0
(SY) 21-chloro-11-dehydro-betamethasone-17-butyrate
(SY) clobetasone 17-butyrate
(SY) emovate
(SY) eumovate
(HM) CLOBETASOL/*analogs
(PA) ANTI-INFLAMMATORY AGENTS

clobetasone 17-butyrate see clobetasone butyrate

clobuzarit see ICI 55,897

clocapramine see 3-chlorocarpipramine

clociguanil
(RN) 3378-93-6
(RR) 22242-55-3 (mono-HCl)
(SY) BRL 50216
(SY) WR38839
(HM) *TRIAZINES
(PA) ANTIMALARIALS
(PA) FOLIC ACID ANTAGONISTS
(NO) RN given refers to parent cpd; structure

clocortolone pivalate
(RN) 34097-16-0
(SY) CL 68
(SY) purantix
(SY) cloderm
(SY) clocortolone trimethylacetate
(HM) FLUOCORTOLONE/*analogs
(II) GLUCOCORTICOIDS, TOPICAL
(NO) topical, anti-inflammatory glucocorticoid; structure

clocortolone trimethylacetate see clocortolone pivalate

clocoumarol
(RN) 35838-63-2
(SY) DB 112
(SY) 3-(1-(p-chloroethylphenyl)butyl)-4-hydroxycoumarin
(HM) *4-HYDROXYCOUMARINS
(PA) VITAMIN K/antag
(PA) ANTICOAGULANTS
(NO) potent vitamin K-like anticoagulant; structure

clodanolen see clodanolene

clodanolene
(RN) 14796-28-2
(RR) 68095-04-5 (Na salt)
(SY) clodanolen
(HM) *IMIDAZOLES
(PA) MUSCLE RELAXANTS, CENTRAL
(NO) RN given refers to parent cpd; structure

cloderm see clocortolone pivalate

Clo DF13 immunity protein
(SY) immunity protein Clo DF13
(HM) *BACTERIAL PROTEINS
(NO) from bacteriocinogenic plasmid Clo DF13

clofedanol
(RN) 791-35-5
(RR) 511-13-7 (HCl)
(SY) Baltix
(SY) 2-chloro-alpha-(2-dimethylaminoethyl)benzhydrol
(SY) Chlophedianol
(HM) *PROPANOLAMINES
(PA) ANTITUSSIVE AGENTS
(NO) RN given refers to parent cpd; structure

clofexamide
(RN) 1223-36-5
(RR) 3482-74-4 (mono-HCl)
(SY) amichlophene
(SY) IEM 455
(HM) *GLYCOLATES
(PA) ANALEPTICS
(NO) RN given refers to parent cpd; structure

clofibrate mercapturate
(RN) 84489-15-6
(SY) N-acetyl-S-(2-(4-chlorophenoxy)-2-methylthiopropionyl)cysteine
(HM) CLOFIBRATE/*analogs
(NO) urinary metabolite of clofibrate; structure given in first source

clofibric acid glucuronide see clofibric pyranoglucuronate

clofibric alpha-pyranoglucuronate see clofibric pyranoglucuronate

clofibric beta-pyranoglucuronate see clofibric pyranoglucuronate

clofibric pyranoglucuronate
(RN) 80183-07-9
(RR) 72072-47-0 ((beta-D)-isomer)
(RR) 72250-51-2 (mono-K salt)
(SY) clofibric alpha-pyranoglucuronate
(SY) clofibric beta-pyranoglucuronate
(SY) clofibric acid glucuronide
(HM) CLOFIBRIC ACID/*analogs
(NO) includes alpha & beta-anomer; RN given refers to (D)-isomer

clofibride
(RN) 26717-47-5
(SY) lipenan
(SY) N-dimethylbutyramide 4-chlorophenoxyisobutyrate
(SY) 4-hydroxy-N,N-dimethylbutyramide 4-chlorophenoxyisobutyrate
(SY) MG 46
(HM) CLOFIBRATE/*analogs
(PA) ANTILIPEMIC AGENTS
(NO) structure

clofibrylglycine
(RN) 4896-55-3
(SY) N(2-(4-chlorophenoxy)-2-methylpropionyl)glycine
(HM) CLOFIBRIC ACID/*analogs
(HM) GLYCINE/*analogs
(PA) ANTILIPEMIC AGENTS
(NO) structure given in first source

clofibrylglycylglycine
(RN) 60794-10-7
(HM) CLOFIBRIC ACID/*analogs
(HM) GLYCINE/*analogs
(PA) ANTILIPEMIC AGENTS
(NO) structure given in first source

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clofilium
(RN) 68379-02-2
(RR) 72375-34-9 (bromide)
(RR) 68379-03-3 (phosphate[1:1])
(SY) 4-chloro-N,N-diethyl-N-heptylbenzenebutanaminium
(HM) *AMMONIUM COMPOUNDS
(PA) ANTIFIBRILLATORY AGENTS
(NO) RN given refers to parent cpd; structure

cloflucarban
(RN) 369-77-7
(SY) halocarban
(SY) Irgasan
(SY) Irgasan CF3
(SY) 3-trifluoromethyl-4,4'-dichlorocarbanilide
(SY) 4,4'-dichloro-3-(trifluoromethyl)carbanilide
(HM) *CARBANILIDES
(PA) ANTI-INFECTIVE AGENTS, LOCAL
(NO) structure

clofluperol
(RN) 10457-91-7
(RR) 17230-87-4 (mono-HCl)
(HM) TRIFLUPERIDOL/*analogs
(NO) RN given refers to parent cpd

clofoctol
(RN) 37693-01-9
(SY) Octophene(2,4-dichlorobenzyl)-2(1,1,3,3-tetramethyl-butyl)- 4-phenol
(HM) CRESOLS
(PA) ANTIBIOTICS

clogestone
(RN) 20047-75-0
(SY) AY-11440
(SY) clogestone acetate
(HM) *PREGNADIENEDIOLS
(II) PROGESTATIONAL HORMONES, SYNTHETIC
(NO) synthetic steroid; minor descriptor (75-83); on-line & Index Medicus search PREGNADIENEDIOLS (75-83); RN given refers to (3beta)-isomer; RN for cpd without isomeric designation not in Chemline 8/9/83; structure

clogestone acetate see clogestone

cloguanamil
(RN) 21702-93-2
(SY) 1-amidino-3-(3-chloro-4-cyanophenyl)urea
(HM) *PHENYLUREA COMPOUNDS
(PA) ANTIMALARIALS
(NO) structure

Cl(-)-OH(-)-exchanger see chloride-hydroxide antiporter

Cl-OHPP see 2-chloro-3-(4-hydroxyphenyl)-1-propene

clomacran
(RN) 5310-55-4
(RR) 22199-46-8 (phosphate[1:1])
(RR) 22270-46-8 (unspecified phosphate)
(SY) SK&F 14,336
(SY) SKF 14336
(SY) 2-chloro-9-(3-dimethylaminopropyl)acridan
(HM) *ACRIDINES
(PA) TRANQUILIZING AGENTS
(PA) ANTIDEPRESSIVE AGENTS, TRICYCLIC
(NO) RN given refers to parent cpd; structure

clometacin
(RN) 25803-14-9
(HM) *INDOLEACETIC ACIDS
(PA) ANALGESICS
(NO) structure

clomethiazole edisylate see chlormethiazole ethanedisulfonate

trans-clomiphene citrate see enclomiphene

clonidine 4-isothiocyanate
(RN) 81913-29-3
(SY) clonidine para-isothiocyanate
(SY) 4-isothiocyanato clonidine
(HM) CLONIDINE/*analogs
(PA) ALKYLATING AGENTS
(II) AFFINITY LABELS

clonidine 4-methylisothiocyanate
(SY) p-methylisothiocyanato-clondine
(SY) 4-CMIT
(HM) CLONIDINE/*analogs
(PA) ALKYLATING AGENTS
(NO) structure given in first source

clonidine para-isothiocyanate see clonidine 4-isothiocyanate

clonidine receptor
(SY) receptor, clonidine
(SY) clonidine receptors
(HM) RECEPTORS, ADRENERGIC, ALPHA
(II) CLONIDINE

clonidine receptors see clonidine receptor

clonitralide
(RN) 1420-04-8
(SY) Bayer 73
(SY) Bayluscide
(HM) NICLOSAMIDE/*analogs
(PA) MOLLUSCACIDES
(NO) ethanolamine salt of niclosamide

clopenthixol decanoate
(SY) clopentixol decanoate
(HM) *CLOPENTHIXOL/analogs
(PA) TRANQUILIZING AGENTS, MAJOR

clopentixol decanoate see clopenthixol decanoate

cloperastine
(RN) 3703-76-2
(RR) 14984-68-0 (HCl)
(SY) 1-(2-((4-chloro-alpha-phenylbenzyl)oxy)ethyl) piperidine
(HM) *PIPERIDINES
(PA) ANTITUSSIVE AGENTS
(PA) HISTAMINE H1 RECEPTOR BLOCKADERS
(NO) RN given refers to parent cpd

clophen A30
(RN) 55600-34-5
(SY) clophen A 30
(HM) *POLYCHLOROBIPHENYL COMPOUNDS

clophen A 30 see clophen A30

clophen A50
(RN) 8068-44-8
(HM) *POLYCHLOROBIPHENYL COMPOUNDS

clophen A60
(RN) 11096-99-4
(SY) clophen A 60
(HM) *POLYCHLOROBIPHENYL COMPOUNDS

clophen A 60 see clophen A60

clopimozide
(RN) 53179-12-7
(SY) R 29,764
(HM) DOMPERIDONE/*analogs
(PA) NEUROLEPTICS
(NO) structure

cloprednol
(RN) 5251-34-3
(HM) *PREGNENEDIONES
(NO) relative anti-inflammatory potency twice prednisolone; synthetic glucocorticoid; structure

clopyralid see Dowco 290

clorexolone
(RN) 2127-01-7
(SY) chlorexolone
(HM) *SULFONAMIDES
(PA) DIURETICS, SULFAMYL
(NO) structure

cloridarol see clobenfurol

cloridol see clobenfurol

clorobiocin
(RN) 39868-96-7
(SY) RP 18,631
(HM) NOVOBIOCIN/*analogs
(NO) chlorine-containing antibiotic related to novobiocin

clorophene
(RN) 120-32-1
(RR) 35471-49-9 (K salt)
(RR) 3184-65-4 (Na salt)
(SY) 2-benzyl-4-chlorophenol
(SY) Orthosan
(SY) o-benzyl-p-chlorophenol
(HM) DICHLOROPHEN/*analogs
(II) DISINFECTANTS
(NO) RN given refers to parent cpd; structure

clorpactin see oxychlorosene

clorprenaline
(RN) 3811-25-4
(RR) 6933-90-0 (HCl)
(RR) 5588-22-7 (HCl, monohydrate)
(RR) 58948-07-5 ((-)-isomer)
(RR) 29261-25-4 ((+)-isomer)
(RR) 14202-75-6 (HCl(+-)-isomer)
(SY) chlorprenaline
(SY) isoprophenamine
(HM) ISOPROTERENOL/*analogs
(PA) BRONCHODILATOR AGENTS
(NO) RN given refers to parent cpd without isomeric designation; structure

clorsulon see L-631,529

closantel
(RN) 57808-65-8
(SY) N-(5-chloro-4((4-chlorophenyl)cyanomethyl)-2-methylphenyl)-2-hydroxy-3,5-diiodobenzamide
(HM) *SALICYLANILIDES
(PA) ANTHELMINTICS
(II) IONOPHORES
(NO) structure

clostridial aminopeptidase see Clostridium histolyticum aminopeptidase

clostridiopeptiase B see clostripain

Clostridium botulinum toxoid
(SY) Clostridium botulinum Type C toxoid
(SY) Clostridium botulinum toxoid type G
(HM) *TOXOIDS
(II) CLOSTRIDIUM BOTULINUM/immunol
(II) BOTULINUM TOXINS

Clostridium botulinum toxoid type G see Clostridium botulinum toxoid

Clostridium botulinum Type C toxoid see Clostridium botulinum toxoid

Clostridium difficile enterotoxin A
(SY) CD enterotoxin A
(HM) *ENTEROTOXINS
(II) CLOSTRIDIUM
(NO) related to antibiotic-associated or pseudomembranous colitis

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Clostridium difficile toxin
(SY) CD cytotoxin
(SY) Clostridium difficile toxin B
(HM) *BACTERIAL TOXINS
(II) CYTOTOXINS
(II) CLOSTRIDIUM

Clostridium difficile toxin A
(SY) CD enterotoxin
(HM) *BACTERIAL TOXINS
(II) ENTEROTOXINS
(II) CLOSTRIDIUM
(NO) causes accumulation of fluid in ligated intestinal loops of rabbits

Clostridium difficile toxin B see Clostridium difficile toxin

Clostridium histolyticum aminopeptidase
(RN) EC 3.4.11.13
(SY) clostridial aminopeptidase
(SY) alpha-aminoacyl-peptide hydrolase
(HM) *AMINOPEPTIDASES

Clostridium pasteurianum DNA-binding protein II see DNA-binding proteins II

Clostridium perfringens alpha-toxin
(SY) Clostridium perfringens alpha toxin
(SY) CPAT
(HM) *BACTERIAL TOXINS
(II) CLOSTRIDIUM PERFRINGENS

Clostridium perfringens alpha toxin see Clostridium perfringens alpha-toxin

Clostridium perfringens beta toxin see Clostridium perfringens beta-toxin

Clostridium perfringens beta-toxin
(SY) CPBT
(SY) Clostridium perfringens beta toxin
(HM) *BACTERIAL TOXINS
(II) CLOSTRIDIUM PERFRINGENS
(NO) from Clostridium perfringens type C

Clostridium perfringens delta-toxin
(SY) delta toxin, Clostridium perfringens
(SY) CPDT
(HM) *BACTERIAL TOXINS
(PA) HEMOLYSINS
(II) CLOSTRIDIUM PERFRINGENS
(NO) one of 3 extracellular hemolytic toxins released by C perfringens

Clostridium perfringens enterotoxin see enterotoxin, Clostridium

Clostridium perfringens epsilon-toxin
(SY) CPET
(HM) *BACTERIAL TOXINS
(II) CLOSTRIDIUM PERFRINGENS
(NO) closely correlated with enterotoxemia of sheep; possesses pressor, lethal & dermonecrotic activities

clostridium perfringens lambda toxin see caseinase

Clostridium perfringens sporotoxin see enterotoxin, Clostridium

Clostridium perfringens theta-toxin see perfringolysin O

Clostridium perfringens toxoid
(SY) Clostridium perfringens type C beta-toxoid
(SY) Pigbel Vaccine
(HM) *TOXOIDS
(II) BACTERIAL VACCINES
(II) CLOSTRIDIUM PERFRINGENS

Clostridium perfringens type C beta-toxoid see Clostridium perfringens toxoid

Clostridium Perfringens Type A enterotoxin see enterotoxin, Clostridium

Clostridium perfringens (Welchii) sporotoxin see enterotoxin, Clostridium

clostripain
(RN) EC 3.4.22.8
(RR) 9028-00-6 (CRN)
(SY) clostridiopeptiase B
(HM) *PEPTIDE PEPTIDOHYDROLASES

clotame see tolfenamic acid

clotting enzyme
(RN) EC 3.4.99.-
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) enzyme from Limulus lysate involved in the gelation reaction between lysate & endotoxin

clovoxamine
(RN) 54739-21-8
(SY) 4'-chloro-5-methoxyvalerophenone (E)-O-(2-aminoethyl)oxime fumarate
(HM) *OXIMES
(PA) ANTIDEPRESSIVE AGENTS
(PA) SEROTONIN ANTAGONISTS

cloxacepride
(RN) 65569-29-1
(HM) *BENZAMIDES
(NO) structure in first source

cloxacillin salt with dibenzylethylenediamine see benzathine cloxacillin

cloxazolam
(RN) 24166-13-0
(RR) 39287-64-4 (former CAS registry number)
(SY) CS 370
(SY) Olcadil
(SY) 10-chloro-11b-(2-chlorophenyl)-2,3,7,11b(5H)-tetrahydro-oxazolo(3,2-d)(1,4)benzodiazepine-6- one
(SY) MT 14-411
(SY) 10-chloro-11b-(2-chlorophenyl)-2,3,5,6,7,11b-hexahydrobenzo(6,7)-1,4-diazepino(5,4-b)oxazol- 6-one
(HM) *BENZODIAZEPINONES
(PA) BENZODIAZEPINE TRANQUILIZERS
(NO) analog of oxazolam; structure

cloximate
(RN) 58832-68-1
(RR) 58832-67-0 (mono-HCl(E)-isomer)
(SY) cloximate hydrochloride
(HM) *ACETIC ACIDS
(PA) ANTI-INFLAMMATORY AGENTS
(NO) RN given refers to parent cpd(E)-isomer; RN for parent cpd without isomeric designation not in Chemline 4/84; structure given in first source

cloximate hydrochloride see cloximate

cloxic see ICI 55,897

Cl-poly(MPMDAD) see chloro-poly(methylene-4-phenylene-methylene dimethyl aminoethylene-diamine

Cl-PPA see didemethylchlorpromazine

CLS 2210
(SY) CLS-2210
(HM) *BENZENESULFONATES
(NO) benzenesulfonate derivative which cleans cardiac lymph vessels better tha hyaluronidase; thereby reduces the size of myocardial infarcts after coronary occlusion; no other information available 8/85

CLS-2210 see CLS 2210

3-Cl-TA see 3-chlorotriamcinolone acetonide

CL toxin A-III see Cerebratulus lacteus toxin A-III

CL toxin B-IV see Cerebratulus lacteus toxin B-IV

1-CLT see N-(1-carboxy-3-phenylpropyl)leucyltryptophan

clumping factor (Staphylococcal) see Staphylococcal clumping factor

clusterin
(HM) *GLYCOPROTEINS
(II) TESTIS
(NO) from ram testis fluid; glycoprotein MW 80,000 & isoelectric point 3.6; cell aggregating factor in vitro

C-S lyase see carbon-sulfur lyase

C-17-C-20 lyase see 17 alpha-hydroxyprogesterone aldolase

C17-C20 lyase see 17 alpha-hydroxyprogesterone aldolase

CLY-503 see simfibrate

CLY 503 see simfibrate

CL-115129 see 15-deoxy-16-hydroxy-16-vinylprostaglandin E2

CL 115,129 see 15-deoxy-16-hydroxy-16-vinylprostaglandin E2

CL 115347 see 15-deoxy-16-hydroxy-16-vinylprostaglandin E2 methyl ester

CL 115,347 see 15-deoxy-16-hydroxy-16-vinylprostaglandin E2 methyl ester

CL-115574 see CL 115,574

CL 115,574
(RN) 74159-84-5
(SY) CL 115574
(SY) 11 alpha, 16 alpha, beta-dihydroxy-1,9-dioxo-1-hydroxymethyl-16-methyl-13-trans-prostene
(SY) CL-115574
(HM) *PROSTAGLANDINS E, SYNTHETIC
(NO) antisecretory prostaglandin E analog; structure given in first source

CL 115574 see CL 115,574

CL-13580 see CL 13580

CL 13,580 see CL 13580

CL 13580
(RN) 5541-92-4
(SY) 2-(o-chlorophenyl)thiadiazole-5-sulfonamide
(SY) CL-13580
(SY) CL 13,580
(SY) chlorzolamide
(HM) *THIADIAZOLES
(NO) structure

Cl 13850
(RN) 13018-60-5
(SY) Cl-13850
(SY) 2-acetamino-1,3,4-thiadiazole-5-(N-t-butyl) sulfonamide
(HM) *SULFONAMIDES

Cl-13850 see Cl 13850

CL 1700 see N-acetylcarnosine

CL216,942 see bisantrene

CL 216942 see bisantrene

CL-218872 see CL 218,872

CL218,872 see CL 218,872

CL 218872 see CL 218,872

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CL 218,872
(RN) 66548-69-4
(SY) 3-methyl-6-(3-(trifluoromethyl)phenyl)-1,2,4-triazolo(4,2-b)pyridazine
(SY) CL218,872
(SY) CL-218872
(SY) CL 218872
(HM) *PYRIDAZINES
(PA) TRANQUILIZING AGENTS, MINOR
(NO) shows specific action on benzodiazepine receptors; structure

CL 232315 see mitoxantrone

CL 232,468 see CL 232468

CL 232468
(RN) 70476-81-2
(SY) CL-232468
(SY) CL 232,468
(SY) 1,4-bis((2-aminoethyl)amino)-5,8-dihydroxy-9,10-anthraquinone
(HM) *ANTHRAQUINONES
(PA) IMMUNOSUPPRESSIVE AGENTS
(NO) RN given refers to di-HCl; RN for parent cpd not in Chemline 12/84; structure given in first source

CL-232468 see CL 232468

CL 246738
(SY) CL-246,738
(SY) 3,6-bis(2-piperidinoethoxy)acridine
(HM) *ACRIDINES
(PA) ANTINEOPLASTIC AGENTS
(II) ADJUVANTS, IMMUNOLOGIC
(NO) immunomodulator; structure given in first source

CL-246,738 see CL 246738

CL 259971
(RN) 92307-83-0
(SY) CL-259971
(HM) *ETHERS
(PA) COCCIDIOSTATS
(NO) polyether ionophore produced by Actinomadura yumaense sp.

CL-259971 see CL 259971

Cl(3)R see
N,N,N'-tri(beta-chloroethyl)-N'-(4-formylphenyl)-1,3-propylenediamine

CL 34,699 see amcinonide

CL 68 see clocortolone pivalate

CL-88236 see CL 88,236

CL 88236 see CL 88,236

CL 88,236
(RN) 3920-12-5
(RR) 34839-13-9 (HCl(-)-isomer)
(RR) 62037-46-1 (HCl)
(RR) 59348-49-1 ((+-)-isomer)
(RR) 54868-31-4 ((R)-isomer)
(RR) 53494-57-8 ((S)-isomer)
(RR) 34839-12-8 (HCl(+-)-isomer)
(RR) 34839-14-0 (HCl(+)-isomer)
(SY) 3-amino-1-chloropropan-2-ol
(SY) amino-alpha-chlorohydrin
(SY) CL-88236
(SY) CL 88236
(HM) *CHLOROHYDRINS
(II) CONTRACEPTIVE AGENTS, MALE
(NO) RN given refers to parent cpd without isomeric designation; structure

CMA-ATP see ATP
gamma-(N-(2-chloroethyl)-N-methyl)amide

CMA-succinate see chlormadinone-17-acetate 3 beta-hemisuccinate

CM-3 BMVP see black mamba venom protein CM 3

2',3'-CMBNTU see
2',3'-O-(4-(N-(2-chloroethyl)-N-(methylamino))benzylidene)monathymidyluridine

11-CMBP see 11-chloromethylbenzo(a)pyrene

12-CMBP see 12-chloromethylbenzo(a)pyrene

CMC see MCC

CMCase see carboxymethylcellulase

CMCF
(HM) CYCLOPHOSPHAMIDE
(HM) MITOMYCINS
(HM) FLUOROURACIL
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) combination of cyclophosphamide, mitomycin C & fluorouracil

CM-Cys-Cys-Val see
delta-carboxymethylcysteinyl-cysteinyl-valine

2-CMEBP see 2-cyano-3-(6-methylergolin-8 beta-yl)propionamide

CMESA-sepharose see O-carboxymethylagarose ethylenediamine-succinyl-17 beta-O-4,6-androstadien-3-one

CMESN-sepharose see
O-carboxymethylagarose-ethylenediamine-succinyl-17 beta-O-19-nortestosterone

2-CMETP see
(2-carboxy-2-((methoxycarbonyl)amino)ethyl) triphenylphosphonium

CMF
(HM) CYCLOPHOSPHAMIDE
(HM) METHOTREXATE
(HM) FLUOROURACIL
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

CMF-B
(HM) CYCLOPHOSPHAMIDE
(HM) METHOTREXATE
(HM) FLUOROURACIL
(HM) BLEOMYCINS
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above 4 cpds

CMFDV
(HM) CYCLOPHOSPHAMIDE
(HM) METHOTREXATE
(HM) FLUOROURACIL
(HM) DOXORUBICIN
(HM) VINCRISTINE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

CMFP
(HM) CYCLOPHOSPHAMIDE
(HM) METHOTREXATE
(HM) FLUOROURACIL
(HM) PREDNISONE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds; used in treatment of breast neoplasms

CMF protocol
(HM) CISPLATIN
(HM) METHOTREXATE
(HM) FLUOROURACIL
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds; used in treatment of ovarian neoplasms

CMFV see COMF

CMFVP
(HM) CYCLOPHOSPHAMIDE
(HM) METHOTREXATE
(HM) FLUOROURACIL
(HM) VINCRISTINE
(HM) PREDNISONE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting above cpds

4-CMIT see clonidine 4-methylisothiocyanate

4-CMMBA see
4-(cyclopropylmethyl)-3,4,5,6-tetrahydro-2H-1,5-methano-1,4-benzodiazocin-9-amine

CM-MB oxidoreductase see carbon monoxide-methylene blue oxidoreductase

CMMet-glucagon see glucagon, carboxymethylmethionine(27)-

CMNIO see
4-chloro-6-methoxy-2-hydroxy-N(1)-nitrosoindolin-3-one oxime

CMNQ see 2,3-bis(chloromethyl)-1,4-naphthoquinone

CMOH-TMCP see
1-carboxymethyl-3-hydroxy-2,2,3-trimethylcyclopentane

CMO I see corticosterone methyl oxidase I

C-MOPP see COPP

CMP-AAG-sialyltransferase see
CMP-N-acetylneuraminate-alpha-N-acetylgalactosaminide alpha-2,6-sialyltransferase

CMP-N-acetylneuraminate-alpha-N-acetylgalactosaminide alpha-2,6-sialyltransferase
(RN) EC 2.4.99.3
(SY) CMP-AAG-sialyltransferase
(HM) *SIALYLTRANSFERASES
(NO) enzyme from fetal calf liver; forms branched tetrasaccharide, NeuAc-alpha2-3Gal-beta1-3(NeuAc-alpha2-6)GalNAc of fetuin

CMP-acetylneuraminate-alpha-N-acetylneuramide alpha-2,8-sialyltransferase
(RN) EC 2.4.99.8
(SY) CMP-N-acetylneuraminate-GM3 sialyltransferase
(SY) GM3-sialosyltransferase
(HM) *SIALYLTRANSFERASES
(NO) forms ganglioside GD3

CMP-N-acetylneuraminate-beta-galactoside alpha-2,3-sialyltransferase see CMP-acetylneuraminate-galactoside (alpha 2-3)- sialyltransferase

CMP-acetylneuraminate-galactoside (alpha 2-3)-sialyltransferase
(RN) EC 2.4.99.4
(SY) alpha 2-3-sialyltransferase
(SY) CMP-NeuAc-galactoside (alpha 2-3)-sialyltransferase
(SY) CMP-ANGS-transferase
(SY) CMP-N-acetylneuraminate-beta-galactoside alpha- 2,3-sialyltransferase
(SY) CMPsialic acid beta-galactosyl-1-3-N-acetylgalactosaminide alpha 2-3- sialyltransferase
(HM) *SIALYLTRANSFERASES
(NO) transfers sialic acid residue from CMP-N-acetylneuraminic acid to an acceptor galactoside

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CMP-acetylneuraminate galactoside (alpha 2-6)-sialyltransferase
(RN) EC 2.4.99.-
(SY) alpha 2-6-sialyltransferase
(SY) CMP-NeuAc-galactoside (alpha 2-6)-sialyltransferase
(SY) beta-D-galactoside alpha 2-6-sialyltransferase
(SY) CMP-sialic acid-N-acetyllactosaminide alpha (2-6)-sialyltransferase
(HM) *SIALYLTRANSFERASES
(NO) transfers sialic acid residue from CMP-N-acetylneuraminic acid to an acceptor galactoside

CMP-N-acetylneuraminate-D-galactosyl-glycoprotein N-acetylneurainyltransferase see CMP-N-acetylneuraminate-galactosylglycoprotein sialyltransferase

CMP-N-acetylneuraminate-galactosylglycoprotein sialyltransferase
(RN) EC 2.4.99.1
(RR) 9075-81-4 (CRN)
(SY) sialyltransferase
(SY) CMP-N-acetylneuraminate-D-galactosyl-glycoprotein N-acetylneurainyltransferase
(HM) *SIALYLTRANSFERASES
(NO) catalyzes the reaction of CMP-N-acetylneuraminate & galactosylglycoprotein to yield CMP & N-acetylneuraminylgalactosylglycoprotein

CMP-N-acetylneuraminate-GM3 sialyltransferase see CMP-acetylneuraminate-alpha-N-acetylneuramide alpha-2,8-sialyltransferase

CMP-N-acetylneuraminic acid hydrolase see CMP-N-acylneuraminate phosphodiesterase

CMP-acetylneuraminic acid: lactosylceramide N-acetylneuraminyltransferase see haematoside synthetase

CMP-N-acylneuraminate N-acylneuraminohydrolase see CMP-N-acylneuraminate phosphodiesterase

CMP-N-acylneuraminate phosphodiesterase
(RN) EC 3.1.4.40
(SY) CMP-sialic acid hydrolase
(SY) CMP-N-acetylneuraminic acid hydrolase
(SY) CMP-N-acylneuraminate N-acylneuraminohydrolase
(HM) *PHOSPHODIESTERASES

CMPAMOQ see 8-(3-carboxy-1-methylpropylamino)-6-methoxyquinoline

CMP-ANGS-transferase see CMP-acetylneuraminate-galactoside (alpha 2-3)-sialyltransferase

CMPase see cytidine-5'-monophosphatase

CMPFPA see 3-carboxy-4-methyl-5-propyl-2-furanpropionic acid

CMP-KDO synthetase see 3-deoxy-manno-octulosonate cytidylyltransferase

CMP-NeuAc-galactoside (alpha 2-3)-sialyltransferase see CMP-acetylneuraminate-galactoside (alpha 2-3)-sialyltransferase

CMP-NeuAc-galactoside (alpha 2-6)-sialyltransferase see CMP-acetylneuraminate galactoside (alpha 2-6)-sialyltransferase

CMP-sialic acid-N-acetyllactosaminide alpha (2-6)-sialyltransferase see CMP-acetylneuraminate galactoside (alpha 2-6)- sialyltransferase

CMPsialic acid beta-galactosyl-1-3-N- acetylgalactosaminide alpha 2-3-sialyltransferase see CMP-acetylneuraminate-galactoside (alpha 2-3)-sialyltransferase

CMP-sialic acid hydrolase see CMP-N-acylneuraminate phosphodiesterase

CMPsialic acid-lactosylceramide sialyltransferase see haematoside synthetase

CM-silatrane see 1-(chloromethyl)silatrane

CM-silitrane see 1-(chloromethyl)silatrane

2-CMSMS see 2-chloroethyl (methylsulfonyl)methanesulfonate

1-CMTBAO see 3-(mercaptomethyl-2,3,4,5-tetrahydro-2-oxo-1H-1-benzazepine-1-acetic acid)

C-MT peptide see methionyl-leucyl-phenylalanyl-isoleucyl-lysyl-arginyl-seryl-arginyl-histidyl-phenylalanine

CM-trisacryl M
(RN) 79748-37-1
(HM) *ION EXCHANGE RESINS

CMT-SDVB resin III see carboxymethyl-triethylenetetraaminomethyl-styrene-divinylbenzene resin

CMV-immune globulin see cytotect

CMW cement
(RN) 52051-37-3
(SY) dentsply
(HM) *ACRYLIC RESINS
(II) BONE CEMENTS
(NO) self-curing acrylic bone cement from CMW Lab Ltd

CMZ see cefmetazole

CM 29-712
(RN) 25810-52-0
(SY) CM 29712
(HM) *ERGOLINES

CM 29712 see CM 29-712

CM 32191
(RN) 63868-47-3
(RR) 86819-67-2 (iodide)
(RR) 86819-66-1 (chloride)
(SY) CM-32191
(SY) N-allyl levallorphan-bromide
(HM) LEVALLORPHAN/*analogs
(PA) NARCOTIC ANTAGONISTS
(NO) RN given refers to bromide; RN for parent cpd not in Chemline 8/84

CM-32191 see CM 32191

CM 40142
(RN) 82023-70-9
(SY) CM-40142
(SY) 4,9-dioxo-5,10-diazatetradecane
(HM) GABA/*analogs
(PA) ANTICONVULSANTS

CM-40142 see CM 40142

CM 40441a
(SY) CM-40441a
(HM) *ANTIHYPERTENSIVE AGENTS
(NO) no other information given

CM-40441a see CM 40441a

CM 40874
(SY) CM-40874
(HM) *CEPHALOSPORINS

CM-40874 see CM 40874

CM 40907
(SY) CM-40907
(SY) 3-(4-hydroxypiperidyl)-6-(2'-chlorophenyl) pyridazine
(HM) *PYRIDAZINES
(PA) ANTICONVULSANTS
(NO) structure given in first source

CM-40907 see CM 40907

CM 57373
(SY) CM-57373
(SY) 4-amino-1-(6-bromopyrid-2-yl)piperidine HCl
(HM) *PIPERIDINES
(PA) APPETITE DEPRESSANTS
(NO) structure given in first source

CM-57373 see CM 57373

CM 57493
(SY) CM-57493
(SY) 4-(3-trifluoromethylphenyl)-1-(2-cyanoethyl)-1,2,3,6-tetrahydropyridine HCl
(HM) *PYRIDINES
(PA) APPETITE DEPRESSANTS
(NO) structure given in first source

CM-57493 see CM 57493

CM 57755
(RN) 84071-17-0
(SY) CM-57755
(SY) N-(2-(5-dimethylaminomethylfuran-2-ylmethylthio) ethyl)-3-pyridinecarboxamide 1-oxide dihydrochloride
(HM) NICOTINAMIDE/*analogs
(PA) ANTI-ULCER AGENTS
(PA) HISTAMINE H2 RECEPTOR BLOCKADERS
(NO) structure given in first source

CM-57755 see CM 57755

CM-6805 see butofilolol

CM 6805 see butofilolol

CM 6912 see ethyl loflazepate

CM 6913
(RN) 71735-10-9
(SY) CM-6913
(SY) 7-chloro-5-(2-fluorophenyl)-2,3-dihydro-2-oxo-1H-1,4-benzodiazepine-3-carboxylic acid
(HM) *BENZODIAZEPINONES
(PA) BENZODIAZEPINE TRANQUILIZERS
(NO) structure given in first source

CM-6913 see CM 6913

CM-7116 see Ro 5-3367

CM 7116 see Ro 5-3367

CM-7857 see propisomide

CM 7857 see propisomide

CM.9155 see difluprednate

5-CNAla-oxytocin see oxytocin, 5-beta-cyanoalanine-

C6-NBD-ceramide see N-(7-(4-nitrobenzo-2-oxa-1,3-diazole))-6-aminocaproyl sphingosine

C6-NBD-PC see 1-palmitoyl-2-(6-(N-(7-nitroben z-2-oxa-1,3-diazol-4- yl)aminocaproyl)phosphatidylcholine

CNCC see N,N'-bis(2-chloroethyl)nitrosocarbamoyl)cystamine

CNEt6BT see 6-(4-(N-2-cyanoethyl-N-methylamino)phenylazo) benzothiazole

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C(3')NHpA see 3'-deoxy-3'-aminocytidylyl(3'-5')adenosine

C-nitrosoreductase (NADH)
(RN) EC 1.1.1.-
(SY) NADH-p-nitrosophenol reductase
(HM) *ALCOHOL OXIDOREDUCTASES

C-NO2dUrd see N(1)-cyclopentyl-5-nitropyrimidine-2,4-dione

C-29, nonionic contrast medium see C-29

C(11)-nortetrodotoxin see 11-nortetrodotoxin

CNPMH see 2-chloro-4-nitrophenyl maltoheptaoside

CNRC-curing protein see calcium channel controlling protein, Paramecium

CNU see 1-(2-chloroethyl)-1-nitrosourea

CNUA see 3-(3-(2-chloroethyl)-3-nitrosoureido)-3-deoxyallose

CNU-ethanol see 2-chloroethyl-1-nitrosoureidoethanol

CNUG see 3-(3-(2-chloroethyl)-3-nitrosoureido)-3-deoxyglucopyranose

CN 3123 see Supristol

CN-3123 see Supristol

Co(ACAC)3 see tris(acetylacetonate)cobalt(III)

CoADP see cobalt adenosine diphosphate complex

coagulation factor Xa see Factor Xa

coagulogen
(SY) coagulogens
(HM) *BLOOD PROTEINS
(II) HORSESHOE CRABS
(NO) clottable protein from lysate of hemocytes of the Japanese horseshoe crab; basic protein; MW 16,000-24,000; 173-175 amino acid residues, varying with different species

coagulogens see coagulogen

coagulopoietin-II
(RN) 69866-28-0
(HM) *BLOOD COAGULATION FACTORS
(NO) humoral regulating factor which increases prothrombin

coagulopoietin X
(RN) 72840-60-9
(HM) *BLOOD COAGULATION FACTORS
(NO) heat-stable humoral factor that specifically regulates factor X level in rabbits

COAM see oxyamylose

coamid
(RN) 6856-47-9
(RR) 15020-38-9 (former CAS registry number)
(RR) 18347-77-8 (former CAS registry number)
(SY) coamide
(HM) NICOTINAMIDE/*analogs
(HM) *COBALT
(NO) complex of cobalt & nicotinamide

coamide see coamid

COAP
(HM) CYTARABINE
(HM) VINCRISTINE
(HM) PREDNISONE
(HM) CYCLOPHOSPHAMIDE
(HM) DRUG COMBINATIONS
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

CoASSG see coenzyme A-glutathione mixed disulfide

COATA
(HM) CYCLOPHOSPHAMIDE
(HM) VINCRISTINE
(HM) THIOGUANINE
(HM) DOXORUBICIN
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

CoA thiosulfonate see coenzyme A thiosulfonate

CoATP see cobalt adenosine triphosphate

coat protein MS2, viral see MS2 coat protein

coat protein R17, viral see R17 coat protein

CoA transferase see coenzyme A transferase

COB
(HM) CISPLATIN
(HM) VINCRISTINE
(HM) BLEOMYCINS
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

cob(I)alamin adenosyltransferase
(RN) EC 2.5.1.17
(SY) vitamin B12s adenosyltransferase
(SY) vitamin B12s adenosylating enzyme
(HM) *TRANSFERASES

cobalaminsulfonic acid see sulfitocobalamin

cobalt-activated acylase see alpha-glutamyl-beta-naphthylamide hydrolase

cobalt adenosine diphosphate complex
(SY) CoADP
(SY) Co(III)ADP
(HM) ADENOSINE DIPHOSPHATE/*analogs

cobalt adenosine triphosphate
(RN) 18925-85-4
(SY) Cobalt ATP
(SY) CoATP
(SY) Co(NH3)4ATP
(SY) cobalt ammonium ATP
(HM) *ADENOSINE TRIPHOSPHATE

cobalt ammonium ATP see cobalt adenosine triphosphate

cobalt ammonium complex
(RN) 14695-95-5
(SY) Co(3)-NH3(6)
(SY) cobalt(III) hexaammine
(HM) *COBALT
(NO) causes condensation of DNA in aqueous solution

Cobalt ATP see cobalt adenosine triphosphate

cobalt bleomycin
(SY) Co-bleomycin A2
(SY) Co-bleomycin B2
(HM) *BLEOMYCINS
(NO) cobalt-bleomycin complex

cobalt chloride see cobaltous chloride

cobalt-EDTA complex see cobalt-ethylenediamine tetraacetic acid chelate

cobalt-ethylenediamine tetraacetic acid chelate
(RN) 14931-83-0
(RR) 15137-09-4 (di-Na salt)
(SY) cobalt-EDTA complex
(SY) EDTA-cobalt chelate
(SY) dicobalt edetate
(SY) kelocyanor
(SY) cobalt tetracemate
(HM) *EDTA
(II) COBALT
(II) CHELATING AGENTS
(NO) RN given refers to parent cpd; synonym dicobalt edetate refers to di-Na salt

cobalt-HEDTA see HEDTA

cobalt hemoglobin see coboglobin

cobalt hexammine see hexaamminecobalt(II)

cobalticytochrome c see cobaltocytochrome c

cobalt(II)chloride see cobaltous chloride

cobalt(III) hexaammine see cobalt ammonium complex

cobalt(III) tris(acetylacetonate) see tris(acetylacetonate)cobalt(III)

cobaltiprotoporphyrin
(RN) 14325-03-2
(RR) 13965-24-7 (former CAS registry number)
(SY) cobalt protoporphyrin IX
(HM) *PROTOPORPHYRINS
(NO) RN given refers to cobalt protoporphyrin IX

cobalt-iron hybrid hemoglobin see iron-cobalt hybrid hemoglobin

cobalt naphthenic acid see naphthenic acid

cobalt nitrate see cobaltous nitrate

cobaltocytochrome c
(SY) cobalticytochrome c
(HM) CYTOCHROME C/*analogs

cobaltous chloride
(RN) 7646-79-9
(SY) cobalt(II)chloride
(SY) CoCl(2)
(SY) cobalt chloride
(HM) *COBALT
(NO) RN given refers to unlabeled cpd; RN in Chemline for cobalt trichloride: 10241-04-0; RN for 60-labeled cpd: 14543-09-0; RN for 57-labeled cpd: 164113-89-1; RN for 58-labeled cpd: 29377-09-1; structure

cobaltous nitrate
(RN) 10141-05-6
(RR) 14216-74-1 (unspecified Co salt)
(RR) 24606-35-7 (tetrahydrate)
(RR) 56767-13-6 (trihydrate)
(RR) 14690-59-6 (dihydrate)
(RR) 10553-73-8 (dodecahydrate)
(RR) 10026-22-9 (hexahydrate)
(RR) 54264-08-3 (nonahydrate)
(SY) cobalt nitrate
(HM) *COBALT
(NO) RN given refers to Co(+2) salt

cobaltous sulfate see cobalt sulfate

cobaltous sulfide
(RN) 1317-42-6
(RR) 12013-10-4 (disulfide)
(RR) 12653-56-4 (cpd with unknow MF)
(RR) 130797-7 (jaipurite)
(SY) cobalt sulphide
(SY) cobalt sulfide
(HM) *COBALT
(NO) RN given refers to cpd with MF CoS

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cobalt oxymyoglobin see oxymyoglobin

cobalt protoporphyrin IX see cobaltiprotoporphyrin

cobalt sulfate
(RN) 10124-43-3
(RR) 10026-24-1 (heptahydrate)
(SY) cobaltous sulfate
(HM) *COBALT
(NO) RN given refers to parent cpd

cobalt sulfide see cobaltous sulfide

cobalt sulphide see cobaltous sulfide

cobalt tetracemate see cobalt-ethylenediamine tetraacetic acid chelate

cobalt tetrasulfophthalocyanine see tetrasulfonphthalocyanine

cobalt thiocyanate
(RN) 3017-60-5
(HM) *COBALT
(HM) *THIOCYANATES

cobamamide
(RN) 13870-90-1
(SY) dibencozide
(SY) Indusil T
(SY) desoxyadenosylcobalamine
(SY) adenosylcobalamin
(SY) vitamin B12 coenzyme
(SY) AdoCbl
(HM) *COBAMIDES

COBAO see
3-(4-cyano-2-oxobutylideneamino)-2-oxazolidinone

Cobex see dinitramine

cobinamide
(RN) 13497-85-3
(RR) 409-08-5 (former CAS registry number)
(SY) diaquocobinamide
(SY) cobinamide dihydrate
(HM) *COBAMIDES

cobinamide dihydrate see cobinamide

Co-bleomycin A2 see cobalt bleomycin

Co-bleomycin B2 see cobalt bleomycin

coboglobin
(SY) cobalt hemoglobin
(HM) *HEMOGLOBINS

4-COBPS see
4-((5-chloro-2-oxo-3(2H)-benzothiazolyl)acetyl-1-piperazinesulfonic acid

cobra alpha toxin see alpha-cobratoxin

cobra alpha toxin, N(epsilon)- fluorescein isothiocyanate-lysine-23-
(SY) FITC -Lys(23)-alpha-cobratoxin
(SY) FITC-Lys(23)-cobratoxin
(HM) *COBRA NEUROTOXINS
(HM) *FLUORESCEINS

cobra cytotoxin I
(SY) cytotoxin I
(HM) *COBRA VENOMS
(II) CYTOTOXINS
(NO) polypeptide cytoxin from Naja naja

cobra cytotoxin II
(HM) *COBRA VENOMS
(II) CYTOTOXINS
(NO) consists of 60 amino acid residues cross-linked by four disulfide linkages

cobra cytotoxin Vc5
(SY) Vc5 cytotoxin
(HM) *COBRA VENOMS
(II) CYTOTOXINS
(NO) MW 68,000D from Central Asian cobra venom

cobra toxin alpha see alpha-cobratoxin

cobra venom endonuclease
(RN) EC 3.1.26.-
(SY) CVE nuclease
(SY) nuclease SV
(HM) *ENDORIBONUCLEASES
(II) COBRA VENOMS

cobra venom factor
(HM) *COBRA VENOMS

cobyrinic acid
(RN) 33593-50-9
(HM) VITAMIN B 12/*analogs
(NO) structure

Co-(carboxymethyl)cobalamin
(RN) 14517-61-4
(SY) (carboxymethyl)cobalamin
(HM) VITAMIN B 12/*analogs

cocculine see sinomenine

COCGI see calcium oxalate crystal growth inhibitor

cochineal red A see new coccine

CoCl(2) see cobaltous chloride

cocobetaine
(RN) 68411-97-2
(RR) 61791-59-1 (Na salts)
(SY) coconut betaine
(HM) BETAINE/*analogs
(II) COCONUT
(II) ALLERGENS
(NO) N-alkyl-betaine; cause of shampoo dermatitis

coconut betaine see cocobetaine

coconut diethanolamide
(RN) 68603-42-9
(HM) *ETHANOLAMINES
(II) COCONUT
(II) ALLERGENS
(NO) synergist in detergent systems with sodium lauryl sulfate; widely used in shampoos

coconut oil
(RN) 8001-31-8
(HM) *DIETARY FATS
(II) COCONUT

cod Allergen M see Allergen M

CO dehydrogenase see carbon dioxide reductase

codeine epoxide see codeine-7,8-oxide

codeine-7,8-oxide
(RN) 72785-20-7
(SY) codeine epoxide
(HM) CODEINE/*analogs
(PA) ANALGESICS
(NO) structure

6-codeinone
(RN) 467-13-0
(RR) 15154-14-0 (2-t-labeled cpd (5alpha)-isomer))
(HM) CODEINE/*analogs
(NO) metabolite of codeine; RN given refers to (5alpha)-isomer; RN for cpd without isomeric designation not in Chemline 10/85; structure given in first source

codelcortone-TBA see prednisolone tebutate

codorphone
(RN) 72060-05-0
(RR) 70865-14-4 (HCl)
(SY) TR5109
(SY) conorphone
(HM) HYDROCODONE/*analogs
(PA) ANALGESICS
(PA) NARCOTIC ANTAGONISTS
(NO) analgesic activity in range of morphine & pentazocine but with no physical dependence caused in rats; RN given refers to parent cpd

CODP see CHOP

Coe Comfort
(HM) *ACRYLIC RESINS
(HM) *PHTHALIC ACIDS
(II) TISSUE CONDITIONING (DENTAL)

co-EIF-2 see eIF-2 stimulating protein

co-EIF-2A see eIF-2 stimulating protein

co-EIF-2B see eIF-2 stimulating protein

co-EIF-2C see eIF-2 stimulating protein

coenzyme A, arachidonyl- see arachidonyl-coenzyme A

coenzyme A, arachidoyl see arachidoyl coenzyme A

coenzyme A, 4-azidobenzoyl see 4-azidobenzoyl-coenzyme A

coenzyme A, benzoyl see benzoyl-coenzyme A

coenzyme A, beta-(2-furyl)propionyl coenzyme A see beta-(2-furyl)propionyl coenzyme A

coenzyme A, beta-ketohexadecanoyl- see beta-ketohexadecanoyl-coenzyme A

coenzyme A, beta-(N-(7-nitro-2,1,3-benzoxadiazol-4-yl))alanine see
beta-(N-(7-nitro-2,1,3-benzoxadiazol-4-yl))alanyl-coenzyme A

coenzyme A, 2-bromoacetyl see 2-bromoacetyl coenzyme A

coenzyme A, butyryl- see butyryl-coenzyme A

coenzyme A, chloroacetyl see chloroacetyl coenzyme A

coenzyme A, S-(2-(5-(4-chlorophenyl)pentyl) oxiranecarboxylate- see
S-(2-(5-(4-chlorophenyl)pentyl)oxiranecarboxylate-coenzyme A

coenzyme A, 3-chloropropionyl see
3-chloropropionyl-coenzyme A

coenzyme Q cytochrome c reductase see
ubiquinol-cytochrome C reductase

coenzyme A, 2,4-decadienoyl- see 2,4-decadienoyl-coenzyme A

coenzyme A, decanoyl see decanoyl-coenzyme A

coenzyme A, desulfo see desulfo-coenzyme A

coenzyme A, S-dimethylarsino- see
S-dimethylarsino-coenzyme A

coenzyme A disulfide-SS-dioxide see coenzyme A thiosulfonate

coenzyme F 390 A
(SY) F-390-A
(HM) *FLAVINS
(HM) ADENOSINE MONOPHOSPHATE/*analogs
(II) COENZYMES
(II) METHANOGENS
(NO) phosphodiester betwee AMP & methanogen factor 420; structure givenin first source

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coenzyme F 390 G
(SY) F-390-G
(HM) *FLAVINS
(HM) GUANOSINE MONOPHOSPHATE/*analogs
(II) COENZYMES
(II) METHANOGENS
(NO) phosphodiester between GMP & methanogen factor 420; structure given in first source

coenzyme F420
(RN) 64885-97-8
(SY) coenzyme F(420)
(HM) RIBOFLAVIN/*analogs

coenzyme F(420) see coenzyme F420

coenzyme A, glutaryl- see glutaryl-coenzyme A

coenzyme A-glutathione mixed disulfide
(RN) 6477-52-7
(SY) CoASSG
(SY) glutathione-CoA mixed disulfide
(HM) COENZYME A/*analogs

coenzyme A, hexanoyl see hexanoyl-coenzyme A

coenzyme A, 3-hydroxyglutaryl see 3-hydroxyglutaryl-coenzyme A

coenzyme A, 3-hydroxy-3-methylglutaryl- see 3-hydroxy-3-methylglutaryl-coenzyme A

coenzyme A, isovaleryl- see isovaleryl-coenzyme A

coenzyme A, 3-keto-4-pentenoyl see 3-keto-4-pentenoyl-coenzyme A

coenzyme A, 3-ketostearoyl- see 3-ketostearoyl-coenzyme A

coenzyme A, linoleoyl- see linoleoyl-coenzyme A

coenzyme A, malyl see malyl coenzyme A

coenzyme A, 3-mercaptopropionyl see 3-mercaptopropionyl coenzyme A

coenzyme A, 2-methylacetoacetyl- see 2-methylacetoacetyl coenzyme A

coenzyme A, methylmalonyl- see methylmalonyl-coenzyme A

coenzyme MF(430)
(RN) 84012-70-4
(SY) coenzyme MF430
(HM) *COENZYMES
(II) METHANOGENS
(NO) coenzyme of methanogenesis in Methanobacterium thermoautotrophicum; structure given in first source

coenzyme MF430 see coenzyme MF(430)

coenzyme A, S-9,12-octadecadienoate, (Z,Z) see linoleoyl-coenzyme A

coenzyme A, octanoyl- see octanoyl-coenzyme A

coenzyme A, oleoyl- see oleoyl-coenzyme A

coenzyme A, 3,4-pentadienoyl- see 3,4-pentadienoyl-coenzyme A

coenzyme A, phenylacetyl see phenylacetyl-coenzyme A

coenzyme A, propionyl- see propionyl-coenzyme A

coenzyme A, 1-pyrenebutyryl see 1-pyrenebutyryl-coenzyme A

coenzyme A, pyrenedodecanoyl see pyrenedodecanoyl coenzyme A

coenzyme A, 3'-pyrophosphoryl- see 3'-pyrophosphoryl-coenzyme A

coenzyme Q1 see Ubiquinone Q1

coenzyme Q10
(RN) 303-98-0
(RR) 27696-12-4 (ion(1-)(all-E)-isomer)
(RR) 40819-90-7 ((Z,Z,Z,Z,Z,Z,E,E,E)-isomer)
(SY) ubiquinone 50
(SY) ubisemiquinone
(SY) ubisemiquinone radical
(SY) ubidecarenone
(SY) 2,3-dimethoxy-5-methyl-6-decaprenylbenzoquinone
(HM) UBIQUINONE/*analogs
(NO) presence during reconstitution of acetylcholine receptor into phospholipid vesicles yields vesicles active in catalyzing carbamylcholine-sensitive Na+ flux; RN given refers to (all-E)-isomer; RN for cpd without isomeric designation not in Chemline 5/84

coenzyme Q2 see Ubiquinone Q2

coenzyme Q5 see Ubiquinone Q1

coenzyme Q8 see ubiquinone 8

coenzyme Q9 see ubiquinone 9

coenzyme Q reductase see NAD(P)H dehydrogenase (quinone)

coenzyme A, stearoyl- see stearoyl-coenzyme A

coenzyme A, succinyl- see succinyl-coenzyme A

coenzyme A, tetradecanoyl- see S-tetradecanoyl-coenzyme A

coenzyme A, 2-tetradecylglycidyl see 2-tetradecylglycidyl-coenzyme A

coenzyme A, 5-(tetradecyloxy)-2-furoyl see 5-(tetradecyloxy)-2-furoyl-coenzyme S

coenzyme A thiosulfonate
(RN) 84122-84-9
(SY) coenzyme A disulfide-SS-dioxide
(SY) CoA thiosulfonate
(HM) COENZYME A/*analogs
(II) AFFINITY LABELS
(NO) CoA affinity analog

coenzyme A transferase
(RN) EC 2.3.1.-
(SY) CoA transferase
(HM) *ACYLTRANSFERASES
(NO) specific for CoA esters of short chain alkyl monocarboxylic acid esters

coenzyme A, valeryl see valeryl-coenzyme A

coenzyme A, valproyl- see valproyl-coenzyme A

Coe-Pak
(RN) 39346-61-7
(HM) *PERIODONTAL DRESSINGS
(NO) two paste system with complex formulation

COE-2031 see 4-methyl-1-phenylpentan-2-ol

COE 2031 see 4-methyl-1-phenylpentan-2-ol

COFDA see carboxyfluoresceindiacetate

Co-Fe(II) hybrid Hb see iron-cobalt hybrid hemoglobin

cofilin
(HM) *NERVE TISSUE PROTEINS
(NO) MW 21,000; from porcine brain; reacts with actin in 1:1 molar ratio

cofosfolactamine
(RN) 87373-98-6
(SY) cophospholactamine
(HM) *FOSFOMYCIN
(HM) *AMOXICILLIN
(HM) DRUG COMBINATIONS
(NO) combination of above cpds

COFP protocol
(HM) CYCLOPHOSPHAMIDE
(HM) VINCRISTINE
(HM) FLUOROURACIL
(HM) PROCARBAZINE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds; used in therapy of lung neoplasms

COF protocol
(HM) CYCLOPHOSPHAMIDE
(HM) VINCRISTINE
(HM) FLUOROURACIL
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds; used in therapy of lung neoplasms

C4-OFZ see 1-n-butylcarbamoyl oxfendazole

cogentin see benzatropine methanesulfonate

coglucosidase
(SY) beta-glucosidase activator protein
(SY) beta-glucosidase stimulating protein
(HM) *PROTEINS
(II) BETA-GLUCOSIDASES/metab
(NO) from soluble, mitochondrial & lysosomal fractions of bovine spleen

cognin
(HM) *MEMBRANE PROTEINS
(NO) cell membrane proteins that function specifically in embryonic cell recognition & morphogenetic cell affinities

cogomycin see fungichromin

COG-78
(SY) COG 78
(HM) *IMMUNOGLOBULINS
(NO) human immunoglobulin alkylated with carboxymethyl cysteine

COG 78 see COG-78

CO-HbS see carboxyhemoglobin, sickle

Co-HEDTA see HEDTA

coherin
(RN) 9044-70-6
(RR) 60617-04-1 (coherin A)
(RR) 60617-05-2 (coherin B)
(HM) *PITUITARY HORMONES, POSTERIOR
(NO) hormone-like factor isolated from bovine posterior pituitary; involved in the mechanism of myenteric neuronal activation; RN given refers to cpd with unknown MF

Cohn fraction II
(HM) *BLOOD PROTEINS

Cohn fraction III
(HM) *BLOOD PROTEINS
(NO) contains large quantities of intact factor IX & factor X zymogens

Cohn fraction IV
(SY) Cohn Fraction IV(1)
(HM) *BLOOD PROTEINS
(PA) IMMUNOSUPPRESSIVE AGENTS
(NO) from alpha globulin fraction of human blood plasma

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Cohn Fraction IV(1) see Cohn fraction IV

Cohn fraction V
(HM) *BLOOD PROTEINS

cohydrolase SPH-I see cohydrolase sphingolipid I

cohydrolase sphingolipid I
(SY) cohydrolase SPH-I
(HM) *PROTEINS
(NO) cohydrolase is a generic term for a mixture of related proteins which stimulate or augment the activity of hydrolytic enzymes; above cpd acts on glucosylceramide glucosidase; found in spleen of patient suffering from Gaucher disease

Co(III)ADP see cobalt adenosine diphosphate complex

coixol see 6-methoxybenzoxazolinone

colamine see ethanolamine

colanic acid
(RN) 9012-87-7
(HM) *POLYSACCHARIDES
(II) POLYSACCHARIDES, BACTERIAL
(NO) contains glucose, galactose, fucose, glucuronic acid

colchiceine
(RN) 477-27-0
(RR) 1990-46-1 (former CAS registry number)
(HM) COLCHICINE/*analogs

colchifoline
(RN) 74515-40-5
(HM) COLCHICINE/*analogs
(II) SPIN LABELS
(NO) RN & structure given in first source; RN not in Chemline 1/85

colcothar see ferric oxide

cold agglutinin Li see cold agglutinins

cold agglutinins
(SY) cryoagglutinins
(SY) cold agglutinin Vo
(SY) cold agglutinin Li
(HM) *AGGLUTININS
(NO) antibodies that agglutinate bacteria or erythrocytes more efficiently at temperatures below 37C than at 37C

cold agglutinin Vo see cold agglutinins

cold-insoluble globulin receptors see fibronectin receptor

colibacterin
(RN) 9061-31-8
(HM) *COLICINS
(PA) ANTI-INFECTIVE AGENTS, LOCAL
(II) DISINFECTANTS
(NO) Russian preparation used for surgical scrub

colicin Ia receptor see colicin receptor

colicin Ia receptors see colicin receptor

colicin E1 immunity protein see colicin E3 immunity protein

colicin E3 immunity protein
(SY) colicin E1 immunity protein
(SY) Col E1-IP
(SY) Col E3-IP
(HM) *BACTERIAL PROTEINS
(PA) COLICINS/antag
(II) ESCHERICHIA COLI
(NO) protein from E3-colicinogenic cells that accounts for their immunity to colicin E3

colicin receptor
(SY) receptor, colicin Ia
(SY) colicin Ia receptors
(SY) colicin Ia receptor
(SY) receptors, colicin
(SY) colicin receptors
(SY) colicin E3 receptor
(SY) colicin A receptor
(SY) colicin I receptor
(HM) *RECEPTORS, IMMUNOLOGIC
(II) COLICINS

colicin A receptor see colicin receptor

colicin E3 receptor see colicin receptor

colicin I receptor see colicin receptor

colicin receptors see colicin receptor

colifoam see hydrocortisone acetate

Col E1-IP see colicin E3 immunity protein

Col E3-IP see colicin E3 immunity protein

coliphage Q beta coat protein see Qbeta coat protein

coliphage lambda DNA replication proteins
(SY) CPL DNA RP
(SY) protein initiator P
(SY) protein initiator O
(HM) *VIRAL PROTEINS
(II) PHAGE LAMBDA
(II) DNA REPLICATION
(NO) phage lambda initiator proteins O & P promote replication of single-stranded DNA

colistimethate
(RN) 12705-41-8
(RR) 8068-28-8 (di-Na salt)
(SY) colistinmethanesulfonic acid
(HM) COLISTIN/*analogs
(NO) RN given refers to parent cpd

colistin heptapeptide
(HM) *COLISTIN
(HM) *PEPTIDE FRAGMENTS
(II) PEPTIDES, CYCLIC
(NO) amino acid sequence given in first source

colistinmethanesulfonic acid see colistimethate

colistin nonapeptide
(HM) *COLISTIN
(HM) *PEPTIDE FRAGMENTS
(II) PEPTIDES, CYCLIC
(NO) amino acid sequence given in first source

collagen I, alpha chain (98-110)
(SY)
Gly-Leu-Hyp-Gly-Nle-Lys-Gly-His-Arg-Gly-Phe-Ser- Gly
(HM) *COLLAGEN
(HM) *PEPTIDE FRAGMENTS
(NO) synthetic substrate for human protocollagen lysyl hydroxylase

collagenase-alpha 2-macroglobulin complex see alpha 2-macroglobulin-collagenase complex

collagenase inhib see collagenase inhibitor

collagenase inhibitor
(SY) collagenase inhib
(SY) TIMP
(SY) tissue inhibitor of metalloproteinases
(HM) *ENZYME INHIBITORS
(PA) COLLAGENASE/antag

collagen cell attachment protein
(SY) CCA protein
(HM) *PROTEINS
(HM) *COLLAGEN
(NO) MW 58,0000; from rat hepatoma cells; sensitive to trypsin & chymotrypsin

collagen disaccharide alpha-glucosidase see glucosyl-galactosyl-hydroxylysine glucohydrolase

collagen-galactosyltransferase see UDPgalactose-collagen galactosyltransferase

collagen glucosyltransferase see UDP glucose-collagen glucosyltransferase

collagen-like fragment see collagen-like protein

collagen-like peptide see collagen-like protein

collagen-like protein
(SY) collagen-like fragment
(SY) collagen-like peptide
(HM) *PROTEINS
(NO) fragment of human C1q

collagenolytic serine protease see serine proteinases

collagen production protein
(HM) *LYMPHOKINES
(II) COLLAGEN
(II) FIBROBLASTS
(NO) secreted by human peripheral blood mononuclear leukocytes which are stimulated by antigens or T cell mitogens. MW 100-170 K; heat-labile, trypsin-sensitive protein of T-lymphocyte origin which stimulates fibroblasts to produce increased amounts of collagen

collagen receptor
(SY) receptor, collagen
(SY) collagen receptors
(HM) *RECEPTORS, IMMUNOLOGIC
(II) COLLAGEN

collagen receptors see collagen receptor

collapat
(HM) *COLLAGEN
(HM) *APATITES
(HM) DRUG COMBINATIONS
(NO) combination of above cpds; used in treatment of bone defects

collarein
(HM) *RHODAMINES
(HM) *CARDIOLIPINS
(II) FLUORESCENT DYES
(NO) conjugate of above cpds

collargol
(RN) 9007-35-6
(HM) *SILVER
(NO) alkaline solution of colloidal silver

colletotrichin
(RN) 61235-00-5
(HM) *PYRANS
(II) MYCOTOXINS
(NO) phytotoxic metabolite of fungus Colletotrichum nicotianae; inhibits respiratory chain

colligin
(HM) *CARRIER PROTEINS
(II) MEMBRANE PROTEINS
(II) COLLAGEN
(II) GELATIN
(NO) MW 47,000 cell surface associated glycoprotein; binds to both gelatin & collagen

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Collin's solution
(SY) Collins-3 solution
(HM) *HYPERTONIC SOLUTIONS
(NO) solution resembling intracellular fluid used in perfusion of tissues or organs prior to freezing; contains 330mOsm./L.; other components listed in Urology 1980;15(5):480

Collins-3 solution see Collin's solution

collocyl
(SY) kollotsil
(HM) *NITROFURAZONE
(HM) *BORIC ACIDS
(HM) *PROCAINE
(HM) DRUG COMBINATIONS
(PA) ANTI-INFLAMMATORY AGENTS, TOPICAL
(NO) combination of above cpds used in treatment of wound infections

colloidal bismuth subcitrate see de-nol

colloidal gold-transferrin
(HM) *GOLD
(HM) *TRANSFERRIN
(II) COLLOIDS
(NO) transferrin conjugated to gold beads

colloidal MnS see manganese sulfide

collyrex
(HM) *THIMEROSAL
(HM) *PHENYLEPHRINE
(HM) *PENTOSAN SULFURIC POLYESTER
(HM) *BORIC ACIDS
(HM) DRUG COMBINATIONS
(II) OPHTHALMIC SOLUTIONS
(NO) combination of above cpds with potassium acid phosphate & EDTA for patients wearing hydrophilic lenses

colominic acid
(RN) 9013-15-4
(HM) *POLYSACCHARIDES
(NO) polymer of sialic acid in which the monomers are linked by an alpha-2,8-ketosidic linkage

colon carcinoma antigen III see CEX

colonic acetylsialomucin see acetylsialomucin

colonic-gastric mucus-associated antigens
(SY) gastric M1 antigens
(SY) intestinal M3C antigens
(SY) intestinal mucus-associated antigens
(HM) *ANTIGENS, NEOPLASM
(NO) oncofetal markers for intestinal neoplasms; see also record for fetal sulfoglycoprotein antigen

colonization factor antigens
(SY) colonization factor antigen-1
(SY) fimbrial colonization factor antigen-1
(SY) CFA-1
(SY) CFA-1 (fimbrial)
(SY) CFA-2
(SY) CFA-II
(HM) *ANTIGENS, BACTERIAL
(NO) protein found on plasmid-mediated fimbriae from enteropathogenic strains of E coli; known to confer adhesive & colonizing properties for intestinal epithelium of several domestic animals & man to host strain

colonization factor antigen-1 see colonization factor antigens

colon-ovarian tumor antigen
(SY) COTA
(HM) *ANTIGENS, NEOPLASM
(NO) found in mucins produced by both tissues during malignancy

colon-specific antigen
(SY) tumor derived colon-specific antigen
(HM) *ANTIGENS, NEOPLASM
(NO) tumor marker for colon neoplasms

colony-inhibiting factor see colony inhibiting factor

colony inhibiting factor
(SY) colony inhibitory factor
(SY) colony-inhibiting factor
(HM) *LIPOPROTEINS
(NO) high MW lipoprotein substances which are inhibitory to in vitro granulocyte colony growth; enhance capacity of macrophages to inhibit tumor cell proliferation

colony inhibitory factor see colony inhibiting factor

colony promoting activity
(SY) colony promoting factor
(HM) *GROWTH SUBSTANCES
(NO) found in culture media of murine bone marrow cells; in contrast to colony stimulating factor it does not stimulate granulocyte-macrophage colony formation, but enhances colony formation in the presence of colony stimulating factor

colony promoting factor see colony promoting activity

colony-stimulating factor receptor
(SY) receptor, colony-stimulating factor
(SY) colony stimulating factor receptors
(SY) CSF receptor
(SY) hematopoietic growth factor receptor
(SY) GM-CSF receptor
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) COLONY-STIMULATING FACTOR

colony stimulating factor receptors see colony-stimulating factor receptor

colophony see rosin

color developer D(4) see CD-4

colostric basic growth factor see colostrum growth factor

colostrum growth factor
(SY) colostric basic growth factor
(SY) CBGF
(HM) *GROWTH SUBSTANCES
(II) COLOSTRUM
(NO) from colostrum of animals; basic, heat-stable protein MW approximately 35,000; similar to platelet-derived growth factor

colpotrophine see promestriene

colterol
(RN) 4363-02-4
(RR) 18866-78-9 ((+-)-isomer)
(RR) 18686-58-3 ((R)-isomer)
(RR) 5302-53-4 (acetate)
(RR) 10255-14-8 (acetate[1:1] salt(+-)-isomer)
(RR) 70858-21-8 (acetate salt(R)-isoemer)
(RR) 66678-99-7 (methanesulfonate salt)
(RR) 77605-73-1 (methanesulfonate salt(+-)-isomer)
(RR) 52872-37-4 (HCl)
(SY) S-1541
(SY) t-butylnorepinephrine
(SY) Win 5563
(SY) N-t-butylarterenol
(HM) METHYLNOREPINEPHRINE/*analogs
(PA) BRONCHODILATOR AGENTS
(NO) RN given refers to parent cpd without isomeric designation; structure

coltramyl see thiocolchicoside

columbinic acid see 5,9,12-octadecatrienoic acid

COL-171-B
(RN) 54060-52-5
(HM) *LHFSHRH
(NO) synthetic gonadotropin releasing hormone

combolen see propionylpromazine

combretastatin
(RN) 82855-09-2
(SY) NSC-348103
(SY) NSC 348103
(SY) 3-hydroxy-4-methoxy-alpha-(3,4,5-trimethoxyphenyl)benzeneethanol
(HM) *ANISOLES
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(NO) cytotoxic principle from South African tree Compretum caffrum; structure given in first source

combutec
(HM) *COLLAGEN
(NO) Russian drug; no other information available 1977; "collagen base" of trophic ulcers (venous)

COMF
(SY) CMFV
(HM) CYCLOPHOSPHAMIDE
(HM) VINCRISTINE
(HM) METHOTREXATE
(HM) FLUOROURACIL
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

COMLA
(HM) CYCLOPHOSPHAMIDE
(HM) VINCRISTINE
(HM) METHOTREXATE
(HM) CITROVORUM FACTOR
(HM) CYTARABINE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

common acute lymphoblastic leukemia antigens
(SY) leukemia antigen, common acute lymphoblastic
(SY) CALLA
(SY) human leukemia-associated antigen p24
(SY) human leukemia-associated antigen GP100
(SY) CAMAL-1
(HM) *ANTIGENS, NEOPLASM
(II) LEUKEMIA, LYMPHOBLASTIC
(NO) markers for diagnosis of non-T, non-B lymphoblastic leukemia

common leukocyte antigen p220 see leukocyte common antigen

COMP
(HM) CYCLOPHOSPHAMIDE
(HM) VINCRISTINE
(HM) METHOTREXATE
(HM) PREDNISONE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above 4 cpds; see also record for COMP-1 in which prednisone is replaced by procarbazine

compactin
(RN) 73573-88-3
(RR) 60478-65-1 (former CAS registry number)
(SY) CS 500
(SY) 6-demethylmevinolin
(SY) ML 236B
(HM) *NAPHTHALENES
(PA) ANTIBIOTICS
(PA) ANTIBIOTICS, ANTIFUNGAL
(PA) ANTICHOLESTEREMIC AGENTS
(PA) HYDROXYMETHYLGLUTARYL COA REDUCTASES/antag
(NO) antifungal metabolite from Penicillium brevicopactum; potent inhibitory activity to sterol synthesis; structure

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(COMPADRD-III
(HM) CYCLOPHOSPHAMIDE
(HM) VINCRISTINE
(HM) METHOTREXATE
(HM) MELPHALAN
(HM) DOXORUBICIN
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

competence conferring factor, Staph aureus see competence factor, viral

competence factor, viral
(SY) competence conferring factor, Staph aureus
(HM) *VIRAL PROTEINS
(NO) bacteriophage subvirion protein component which confers transformation competence to Staph aureus

complementary DNA
(SY) cDNA
(SY) cDNA, double-stranded
(SY) C DNA
(SY) ds cDNA
(SY) 7SK RNA
(HM) *DNA

complementary RNA
(SY) cRNA
(SY) micRNA
(SY) anti-sense RNA
(HM) *RNA

complement 4 binding protein see complement 4-binding protein

complement 4-binding protein
(SY) C4-binding protein
(SY) complement 4 binding protein
(SY) C 4-binding protein
(HM) *CARRIER PROTEINS
(II) COMPLEMENT 4

complement 4b-binding protein
(SY) complement 4b binding protein
(SY) C 4b-binding protein
(SY) C4b-binding protein
(HM) *CARRIER PROTEINS
(II) COMPLEMENT 4
(NO) forms complex in human plasma with vitamin K-dependent protein S

complement 4b binding protein see complement 4b-binding protein

complement 3b-complement 4b inactivator
(SY) C4bC3bINA-cofactor
(SY) C4b-C3b-INA
(SY) C4b-C3b inactivator cofactor
(SY) C3b-C4b-inactivator
(SY) C 3b-C 4b inactivator
(HM) *BLOOD PROTEINS
(II) COMPLEMENT 3B INACTIVATORS
(II) COMPLEMENT 4
(NO) human plasma macromolecular weight cofactor; C3B-inactivator; MW about 450,000

complement complex C5b-8
(SY) C5b-8
(HM) *COMPLEMENT

complement complex C5b-9 see complement membrane attack complex

complement 5 convertase see C5 cleaving enzyme

complement 3a, desarginine see complement 3a, des-Arg-

complement 5a, des-arginine
(SY) complement 5a des-arginine
(SY) des-Arg-C5a
(SY) C 5a, des-Arg
(SY) C5a, des-Arg
(SY) C5a des-Arg
(SY) C5a des-Arg anaphylatoxin
(HM) COMPLEMENT 5/*analogs
(II) CHEMOTACTIC FACTORS

complement 5a des-arginine see complement 5a, des-arginine

complement 3a, des-Arg-
(SY) des-Arg-complement 3a
(SY) desarginine complement 3a
(SY) complement 3a, desarginine
(SY) C3a des-Arg
(HM) COMPLEMENT 3/*analogs
(II) ANAPHYLATOXINS

complement 3 DNA-binding protein
(SY) C3DP
(SY) C 3DP
(SY) complement 3 DP
(SY) C3 DP
(HM) *NEOPLASM PROTEINS
(NO) characterized cancer-associated human serum DNA-binding protein derived from complement component C3; MW 36,000; reliable indicator of incidence & severity of a broad spectrum of malignant diseases

complement 3 DP see complement 3 DNA-binding protein

complement factor H see beta-1H

complement 3a-hexapeptide
(RN) 66157-45-7
(SY) C3a-hexapeptide
(SY) C3a(72-77)
(SY) C 3a-hexapeptide
(HM) *COMPLEMENT 3
(HM) *PEPTIDE FRAGMENTS
(NO) hexapeptide which represents COOH-terminal sequence of human C3a

complement H50
(SY) CH(50)
(SY) C H50
(HM) *COMPLEMENT
(NO) hemolytic complement in Hansen's disease

complement 5a-inhibitor
(SY) C5a-inhibitor
(HM) *COMPLEMENT INACTIVATORS
(NO) found in normal peritoneal & synovial fluids; protein MW 40,000; deficiency causes familial Mediterranean fever

complement membrane attack complex
(SY) membrane attack complex of complement
(SY) MACC
(SY) C5b-9
(SY) membrane-bound cytolytic complex of complement
(SY) SC5b-9
(SY) complement complex C5b-9
(SY) C 5b-9
(HM) *COMPLEMENT
(NO) proposed to be a dimer of C5b-9 (C5b, C6, C7, C8, & C9)

complement protein beta1H see beta-1H

complement protein factor B
(RN) EC 3.4.21.-
(SY) C III
(SY) C-III
(HM) *PEPTIDE HYDROLASES
(NO) serine protease encoded in the major histocompatibility complex in man, guinea pig & mouse

complement 3 receptors see complement 3 receptor

complement 3d receptor type 2 see complement 3d receptor

complement 1 q receptor
(SY) c1q receptor
(SY) c1q receptors
(SY) receptor, c1 q
(SY) c1 q receptor
(HM) *RECEPTORS, COMPLEMENT
(II) COMPLEMENT ACTIVATING ENZYMES

complement 3 receptor
(SY) complement 3 receptors
(SY) receptors, complement 3
(SY) C 3 receptor
(SY) C3 receptor
(SY) C3e receptor
(SY) C3a receptor
(HM) *RECEPTORS, COMPLEMENT

complement 3b receptor
(SY) C3b receptors
(SY) receptor, C3b
(SY) C3b receptor
(SY) C3b-C4b receptor
(SY) C 3b receptor
(SY) C3bi receptor
(SY) CR3 receptor
(HM) *RECEPTORS, COMPLEMENT

complement 3d receptor
(SY) C3d receptors
(SY) receptor, C3d
(SY) lymphocyte membrane complement receptor type two
(SY) C3d receptor
(SY) complement 3d receptor type 2
(SY) C3d receptor type 2
(HM) *RECEPTORS, COMPLEMENT
(II) COMPLEMENT 3

complement 5a receptor
(SY) receptor, complement 5a
(SY) C5a receptors
(HM) *RECEPTORS, COMPLEMENT
(II) COMPLEMENT 5

complement 1 q
(RN) EC 3.-
(SY) C1 q
(SY) C1q
(SY) C 1q
(HM) *COMPLEMENT ACTIVATING ENZYMES
(NO) activates C1 r; with C1r & C1s is normal component of C1

complement 1 r
(RN) EC 3.-
(SY) C1 r
(SY) C1r
(SY) C 1r
(SY) C1r(2)
(HM) *COMPLEMENT ACTIVATING ENZYMES
(NO) 2C1r + 2C1s must combine with C1q to form the C1 complex; serine protease zymogen which is activated by C1q & activates C1s

complement 1 s
(RN) EC 3.4.21.-
(SY) C1 s
(SY) C1s
(SY) C 1s
(SY) C1s(2)
(HM) *COMPLEMENT ACTIVATING ENZYMES
(NO) 2C1r plus 2C1s must combine with C1q to form the C1 complex; serine protease zymogen which is activated by C1 r which then splits C4

complement 2b
(SY) C2b
(HM) *COMPLEMENT 2

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complement 3a
(SY) C3a
(SY) C 3a
(HM) *COMPLEMENT 3
(II) ANAPHYLATOXINS

Complement 3c
(RN) 80295-44-9
(SY) C3c
(SY) C 3c
(HM) *COMPLEMENT 3
(NO) significantly higher serum concentration in active leprosy patients

complement 3d
(SY) C3d
(HM) *COMPLEMENT 3
(NO) degradation product of complement 3

complement 3d,g
(SY) C3d,g
(HM) *COMPLEMENT 3B
(HM) *PEPTIDE FRAGMENTS
(NO) MW 41,00 single polypeptide biologically active fragment of C3b cleaved by C3b inactivator enzyme

complement 3D-K
(SY) C3D-K
(HM) *COMPLEMENT 3
(HM) *PEPTIDE FRAGMENTS
(NO) MW 40,000 fragments of C3

complement 3e
(SY) C3e
(HM) *COMPLEMENT 3
(HM) *PEPTIDE FRAGMENTS
(NO) MW 10,000-12,000; leukocytosis-inducing peptide of degraded C3

complement 3g
(SY) C3g
(HM) *COMPLEMENT 3
(NO) product of breakdown of human C3 by monoclonal antibodies during complement activation

complement 4a
(SY) C4a
(SY) C4a anaphylatoxin
(SY) C 4a
(HM) *COMPLEMENT 4
(II) ANAPHYLATOXINS

complement 4b
(SY) C4b
(SY) C 4b
(SY) C4b* 2.9
(HM) *COMPLEMENT 4

complement 4c
(SY) C4c
(SY) C 4c
(HM) *COMPLEMENT 4

complement 4d
(RN) 80295-52-9
(SY) C4d
(SY) C 4d
(HM) *COMPLEMENT 4
(HM) *PEPTIDE FRAGMENTS
(NO) C4 cleavage fragment

complement 5a
(RN) 80295-54-1
(SY) C5a
(SY) C 5a
(SY) C5a anaphylatoxin
(HM) *COMPLEMENT 5

complement 5b
(RN) 80295-55-2
(SY) C5b
(HM) *COMPLEMENT 5
(NO) formed by the action of C5 convertase on C5 in the alternate pathway

complex I see NAD(P)H dehydrogenase (quinone)

complex II see succinate dehydrogenase-coenzyme Q reductase

complex III see ubiquinol-cytochrome C reductase

COMPLEX (MATSC) see complex V (mitochondrial oxidative phosphorylation system)

complex V (mitochondrial adenosine triphosphate synthase complex) see complex V (mitochondrial oxidative phosphorylation system)

complex V (mitochondrial oxidative phosphorylation system)
(SY) complex V (mitochondrial adenosine triphosphate synthase complex)
(SY) COMPLEX (MATSC)
(HM) *H(+)-TRANSPORTING ATPASE
(NO) consists of the 5 subunits of F1-ATPase; oligomycin sensitivity-conferring protein, uncoupler-binding protein, dicyclohexylcarbodiimide-binding protein, a membrane sector protein, & coupling factor F(6)

component a see E coli protein a

compound A 12
(RN) 89014-24-4
(SY) A-12
(HM) *ANTHRACENES
(PA) TRANQUILIZING AGENTS
(NO) structure given in first source

compound A4759 see 3-O-demethylfortimicin A

compound A 723U see compound A723U

compound A723U
(SY) 2-acetylpyridine 4-(2-morpholinoethyl) thiosemicarbazone
(SY) compound A 723U
(SY) A-723U
(HM) *THIOSEMICARBAZONES
(HM) *PYRIDINES
(PA) ANTIVIRAL AGENTS

Compound A hydrolase see alpha-(N-acetylaminomethylene)succinic acid hydrolase

Compound B hydrolase see alpha-hydroxymethyl-alpha'-(N-acetylaminomethylene) succinic acid hydrolase

Compound 1002 see 1-(benzylmethlamino)-3-(alpha,alpha,alpha-trifluoro-3-tolyl)oxy-2-propanol

compound 1080 see fluoroacetic acid

compound 16683 see IEM 740

compound 20
(RN) 74075-33-5
(SY) ketomethylene analog of Bz-Phe-Gly-Pro
(SY) ketoACE
(SY) (5S-5-benzamido-4-oxo-6-phenylhexanoyl-L-proline)
(SY) SRI 20
(SY) SRI-20
(HM) *DIPEPTIDES
(PA) KININASE II/antag
(PA) ENZYME INHIBITORS
(NO) amide bond between Phe-Gly of tripeptide replaced with ketomethylene; structure given in first source

compound 201-995 see SMS 201 995

compound 351-A see compound 351 A

compound 351 A
(SY) MK-521-4-hydroxybenzamidine
(SY) 351A
(SY) compound 351-A
(HM) *DIPEPTIDES
(PA) KININASE II/antag
(NO) p-hydroxybenzamidine deriv of MK 521; structure given in first source

compound 545 see iohexol

compound 57-118
(RN) 71806-22-9
(SY) cpd-57-118
(SY) N-(1-oxo-9-octadecenyl)tryptophan ethyl ester
(HM) TRYPTOPHAN/*analogs
(PA) CHOLESTEROL ACYLTRANSFERASE/antag

compound-58-035 see SAN 58035

compound 67-255 see centperazine

compound 72-70
(SY) compound-72-70
(HM) *PIPERAZINES
(PA) FILARICIDES
(NO) antifilarial 1-substituted-4-carbamoylpiperazine; no other info available 1/9/84

compound-72-70 see compound 72-70

Compound 764-1
(SY) 764-1
(HM) *PLANT EXTRACTS
(II) EYEDROPS
(II) MEDICINE, CHINESE TRADITIONAL
(NO) used in treatment of corneal scars

compound 77-6 see 3,5-dibromo-2-chlorosalicylanilide-4'-isothiocyanate

compound 81-470 see CDRI 81-470

COMP-1
(HM) CYCLOPHOSPHAMIDE
(HM) VINCRISTINE
(HM) METHOTREXATE
(HM) PROCARBAZINE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above 4 cpds; see also record for COMP in which procarbazine is replaced by prednisone

conalox see coroxon

Con A-binding glycoproteins see concanavalin A-binding glycoproteins

Con-A-binding proteins see concanavalin A-binding glycoproteins

Con A-bleomycin conjugate see concanavalin A conjugated bleomycin

concanamycin A
(RN) 80890-47-7
(HM) LACTONES
(PA) ANTIBIOTICS
(NO) from Streptomyces diastatochromogenes S-45; structure given in first source

concanamycin B
(RN) 81552-33-2
(HM) LACTONES
(PA) ANTIBIOTICS
(NO) from Streptomyces diastatochromogenes S-45; structure given in first source

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concanamycin C
(RN) 81552-34-3
(HM) LACTONES
(PA) ANTIBIOTICS
(NO) from Streptomyces diastatochromogenes S-45; structure given in first source

concanavalin A-binding glycoproteins
(SY) Con A-binding glycoproteins
(SY) Con-A-binding proteins
(HM) *RECEPTORS, CONCANAVALIN A
(II) GLYCOPROTEINS
(II) CARRIER PROTEINS

concanavalin A conjugated bleomycin
(SY) Con A-bleomycin conjugate
(SY) bleomycin-con A
(HM) *BLEOMYCINS
(HM) *CONCANAVALIN A
(NO) prepared for purpose of enhancing activity of bleomycin

concanavalin A-horseradish peroxidase conjugate
(SY) con A-HRP
(SY) horseradish peroxidase-con A
(HM) CONCANAVALIN A/*analogs
(HM) *HORSERADISH PEROXIDASE

concanavalin A-induced helper factors
(SY) Con A-HF
(SY) helper factors, concanavalin A-induced
(SY) glucosteroid response modifying factor
(HM) *CONCANAVALIN A
(II) LYMPHOKINES
(II) LYMPHOCYTE ACTIVATION
(II) DEXAMETHASONE

concanavalin A-sepharose
(SY) con A sepharose
(HM) SEPHAROSE/*analogs

Concise
(RN) 12765-15-0
(RR) 62253-15-0 (Concise Enamel Bond)
(SY) concize
(HM) *ACRYLIC RESINS
(II) PIT AND FISSURE SEALANTS
(II) COMPOSITE RESINS
(NO) used in dental restoration; see also record for Concise enamel bond system; RN given refers to cpd with unknown MF

Concise Enamel Bond see bis(phenol A-glycidyl methacrylate)

Concise Enamel Bond System see bis(phenol A-glycidyl methacrylate)

Concise etchant see phosphoric acid

concize see Concise

condensed tanain see rhatannin

conductase
(RN) 27280-85-9
(SY) pyridoxine-alpha-ketoglutarate
(SY) 2-oxo-5-hydroxycarbonylpentanoate pyridoxine
(SY) pyridoxine-2-oxoglutarate
(HM) PYRIDOXINE/*analogs
(II) ALCOHOLISM/drug ther
(II) MENTAL DISORDERS/drug ther
(NO) reduces pyruvic & lactic acid concentration in normal subjects after muscular exercise; structure

condurangin
(RN) 1401-98-5
(SY) condurango glycosides
(SY) kondurangin
(HM) *PREGNANES
(II) PLANTS, MEDICINAL

condurango glycosides see condurangin

conduritol epoxide
(RN) 6090-95-5
(SY) conduritol B epoxide
(SY) conduritol C epoxide
(SY) conduritol B-epoxide
(HM) INOSITOL/*analogs
(PA) GLUCOSYLCERAMIDASE/antag
(NO) conduritol C epoxide refers to the (epi & neo)-isomers; structure

conduritol B-epoxide see conduritol epoxide

conduritol B epoxide see conduritol epoxide

conduritol C epoxide see conduritol epoxide

con-fer see Modicon

conferon see ferrous sulfate

Con A-FITC see fluorescein isothiocyanate-concanavalin A

Congesteze
(HM) CYPROHEPTADINE/*analogs
(HM) *EPHEDRINE
(HM) DRUG COMBINATIONS
(PA) ANTI-INFECTIVE AGENTS
(NO) combination of azatadine & pseudoephedrine; used in treatment of respiratory diseases

conglutin alpha see conglutins

conglutin beta see conglutins

conglutinin
(HM) *SERUM GLOBULINS
(II) CONGLUTINATION REACTION
(II) IMMUNOADSORBENTS
(NO) non-immunoglobulin protein, bovine & newborn pigs

conglutinin-like factors see immunoconglutinins

conglutins
(SY) conglutin alpha
(SY) conglutin beta
(SY) lupin storage protein
(HM) *PLANT PROTEINS
(NO) major storage proteins of lupin

congocidine
(RN) 1438-30-8
(HM) PYRROLES
(PA) ANTIBIOTICS
(PA) ANTIVIRAL AGENTS
(NO) structure

Co(NH3)4ATP see cobalt adenosine triphosphate

Co(NH3)(4)ATP see tetraamminecobalt(III)ATP

Con A-HF see concanavalin A-induced helper factors

con A-HRP see concanavalin A-horseradish peroxidase conjugate

Co(3)-NH3(6) see cobalt ammonium complex

con'ine see coniine

conidine
(RN) 87323-81-7
(HM) *POLYMERS
(PA) HEPARIN ANTAGONISTS
(NO) monomer structure given in first source; do not confuse with conidine RN 35848-09-0 which is 1-azabicyclo[4.2.0]octane

coniferin
(RN) 531-29-3
(SY) coniferyl alcohol beta-D-glucoside
(HM) *CINNAMATES

coniferyl alcohol
(RN) 458-35-5
(SY) 4-hydroxy-3-methoxycinnamic alcohol
(HM) *PHENOLS
(NO) structure

coniferyl alcohol beta-D-glucoside see coniferin

coniferyl ferulate
(RN) 63644-62-2
(RR) 62706-35-8 ((E,E)-isomer)
(HM) *COUMARIC ACIDS
(NO) found in the rhizome of Cnidium officinale Makino; structure given in first source; RN given refers to cpd without isomeric designation

coniine
(RN) 10388-95-1
(RR) 458-88-8 ((S)-isomer)
(RR) 51541-42-5 (HCl(+-)-isomer)
(RR) 3238-60-6 ((+-)-isomer)
(RR) 637-49-0 (HBr(S)-isomer)
(RR) 555-92-0 (HCl(S)-isomer)
(SY) cicutine
(SY) conicine
(SY) koniin
(HM) *ALKALOIDS
(PA) ANALGESICS
(NO) alkaloid isolated from Conium maculatum L.; properties as an analgesics, antineuralgic, & teratogen; RN given refers to parent cpd without isomeric designation; structure

coniine see alpha-chaconine

conjonctyl
(RN) 18981-26-5
(SY) methylsilanetriol salicylate
(HM) *SALICYLATES
(HM) *SILICON
(NO) organosilicon complex for silicon bioavailability study

conjuvac
(HM) *GLYCOPROTEINS
(II) ADJUVANTS, IMMUNOLOGIC
(NO) conjugate of allergenic protein & sodium alginate; structure given in first source

7-con-O-methylnogarol see 7-(R)-O-methylnogarol

connectin
(SY) titin 1
(SY) titin 2
(SY) beta-connectin
(SY) alpha-connectin
(SY) titin
(HM) *MUSCLE PROTEINS
(II) MEMBRANE PROTEINS
(II) CARRIER PROTEINS
(NO) cell surface protein which binds both laminen & actin

connective tissue-activating peptide
(SY) CTAP
(SY) CATP-I
(SY) CATP-II
(SY) CATP-III
(HM) *PEPTIDES
(II) CONNECTIVE TISSUE
(NO) slightly basic saline soluble polypeptide extractable from many tissues; induces hypermetabolic activity in cultivated human synovial cells 10,000-15,000

connexin see gap junction protein

connexon see gap junction protein

conorphone see codorphone

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conotoxin GI
(RN) 76862-65-2
(HM) *MOLLUSK VENOMS
(NO) highly toxic; from venom of marine snail Conus geographus; amino acid sequence given in first source

conotoxin GIII
(SY) mu conotoxin GIIIA
(SY) mu conotoxin GIIIB
(SY) mu conotoxin GIIIC
(HM) *MOLLUSK VENOMS
(NO) discriminate between neuronal & muscle sodium channels; from Conus geographus

conotoxin MI
(RN) 83481-45-2
(SY) conotoxin M I
(HM) *MOLLUSK VENOMS
(NO) 14-residue peptide toxin from marine snail Conus magus; amino acid sequence given in first source

conotoxin M I see conotoxin MI

con A sepharose see concanavalin A-sepharose

contact activation product see factor XIa

contactins
(SY) Kontaktins
(HM) *TISSUE EXTRACTS
(II) LIVER
(II) LUNG
(NO) calcium free salt extract from the liver & lungs of adult animals; adhesive factor

contraceptive polypeptide see kentsin

contraceptive tetrapeptide see kentsin

contrapsin
(RN) 80700-40-9
(HM) *TRYPSIN INHIBITORS
(NO) from mouse plasma

contrast media 2-5410-3
(HM) *TRIIODOBENZOIC ACIDS
(II) CONTRAST MEDIA
(NO) dimeric contrast media; structure given in first source

contrathion see pralidoxime

convallatoxin
(RN) 508-75-8
(SY) corglycon
(SY) strophanthidin-alpha-L-rhamnoside
(SY) korglycon
(SY) convallotoxin
(SY) corglycone
(HM) *STROPHANTHINS

convallotoxin see convallatoxin

Converting enzyme inhibitor see angiotensin II converting enzyme inhibitor

convicilin
(HM) *VEGETABLE PROTEINS
(NO) storage protein from pea seeds

convicine
(RN) 19286-37-4
(HM) URACIL/*analogs
(NO) structure

convulxin
(RN) 37206-04-5
(HM) *CROTALID VENOMS
(NO) component of venom from Crotalus durissus cascavella which activates guinea pig platelets

COO- see carboxyl radical

coomassie blue G see coomassie Brilliant Blue

Coomassie blue R 250 see Coomassie brilliant blue R

coomassie Brilliant Blue
(RN) 6104-58-1
(SY) C.I. 42655
(SY) Coomassie brilliant blue G250
(SY) xylene brilliant cyanine G
(SY) supranol cyanine G
(SY) serva blue G
(SY) coomassie blue G
(HM) *ROSANILINE DYES
(II) INDICATORS AND REAGENTS

Coomassie brilliant blue G250 see coomassie Brilliant Blue

Coomassie brilliant blue R
(RN) 6104-59-2
(SY) Coomassie blue R 250
(HM) *ROSANILINE DYES

COP see CVP protocol

COPAB
(HM) LOMUSTINE
(HM) VINCRISTINE
(HM) CISPLATIN
(HM) DOXORUBICIN
(HM) BLEOMYCINS
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

COPAC
(SY) PACCO
(HM) LOMUSTINE
(HM) VINCRISTINE
(HM) CISPLATIN
(HM) DOXORUBICIN
(HM) CYCLOPHOSPHAMIDE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

Copalite
(RN) 37264-98-5
(HM) *LACQUER
(II) DENTAL CAVITY LINING
(NO) dental cavity varnish

copal rosin varnish
(RN) 9000-14-0
(HM) *DENTAL MATERIALS
(II) DENTAL CAVITY LINING

coparvax
(SY) calmic
(HM) *ADJUVANTS, IMMUNOLOGIC
(II) BACTERIAL VACCINES
(II) PROPIONIBACTERIUM ACNES
(NO) formalin killed, freeze-dried prep. of Corynebacterium parvum for immunostimulation & therapy in malignant effusion

COP-B
(SY) COP-Bleo
(HM) CYCLOPHOSPHAMIDE
(HM) VINCRISTINE
(HM) PREDNISOLONE
(HM) BLEOMYCINS
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above four cpds

COPB see CPOB

COP-Bleo see COP-B

copel
(RN) 86290-85-9
(SY) copel 4020
(SY) copel 3320
(HM) *SILICONES
(HM) *POLYMERS

copel 3320 see copel

copel 4020 see copel

Cophasil
(HM) *SILOXANES
(HM) *EMULSIONS
(NO) contains 10% polysiloxane in an O/W emulsion

cophospholactamine see cofosfolactamine

copiamycin
(RN) 11078-23-2
(HM) LACTONES
(PA) ANTIBIOTICS
(PA) ANTIBIOTICS, ANTIFUNGAL
(PA) ANTIPROTOZOAL AGENTS

co(polyether-imide)
(SY) polyether-polyimide copolymer
(HM) *POLYMERS
(NO) used as a textile fiber

copolymer Glu(60)Phe(40)
(RN) 26655-91-4
(SY) copolymer(glutamic acid(60)phenylalanine(40))
(SY) poly(glutamic acid-phenylalanine)
(SY) poly(Glu-Phe)
(HM) *POLYGLUTAMIC ACID
(HM) PHENYLALANINE/*analogs

copolymer (glutamic acid-alanine) see poly(glutamic acid-alanine)

copolymer L-glutamic acid-L-lysine see poly(glutamic acid-lysine)

copolymer(glutamic acid(60)phenylalanine(40)) see copolymer Glu(60)Phe(40)

copolymer methacrylate, maleate, styrene see methacrylate maleate styrene copolymer

copolymer MMS see methacrylate maleate styrene copolymer

copolymer starch hydrogel see starch hydrogel copolymer

copolymer I (synthetic peptide) see (T,G)-A-L

copoly(styrene-divinylbenzene) see Amberlite XAD-2 resin

copoly(styrene-maleic acid)neocarzinostatin see poly(maleic acid-styrene)neocarzinostatin

copovithane
(RN) 68045-74-9
(SY) Bay i 7433
(SY) 2-methylene-1,3-propanediyl-bis(methylcarbamate) -N-vinylpyrrolidone copolymer
(SY) Bay i-7433
(HM) *POVIDONE
(HM) *CARBAMATES
(PA) ANTINEOPLASTIC AGENTS
(NO) structure given in first source

COPP
(SY) C-MOPP
(HM) CYCLOPHOSPHAMIDE
(HM) VINCRISTINE
(HM) PROCARBAZINE
(HM) PREDNISONE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds; used in treatment for Hodgkins disease

copper acetate see acetic acid glacial

copper adenosine triphosphate
(RN) 18925-86-5
(SY) CuATP
(SY) Cu ATP
(HM) *ADENOSINE TRIPHOSPHATE

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copper amine oxidase see amine oxidase

copper-associated protein see copper thionein

copper-binding protein
(SY) copper binding protein
(SY) transcuprein
(HM) *CARRIER PROTEINS
(II) COPPER

copper binding protein see copper-binding protein

copper bis(3,5-diisopropylsalicylate)
(RN) 21246-18-4
(RR) 57636-92-7 (SP-4-1)
(RR) 11112-08-6 (cpd with unspecified locants for methylethyl moieties)
(SY) cuprous bis(3,5-diisopropylsalicylate)
(SY) cupric bis(3,5-diisopropylsalicylate)
(SY) CuDIPS
(SY) Cu(II) 3,5-diisopropylsalicylate
(SY) bis(3,5-diisopropylsalicylato)copper II
(HM) *SALICYLIC ACIDS
(PA) ANTINEOPLASTIC AGENTS
(PA) HYPOGLYCEMIC AGENTS
(NO) copper is intricate part of molecule; not copper salt; RN given refers to cpd with specified locants for methylethyl moieties

copper bis(histidinate)
(RN) 12561-67-0
(RR) 33847-28-8 (N,O(D)-isomer)
(RR) 23859-16-7 ((L,trans)-isomer)
(RR) 13870-80-9 (N,O(L)-isomer)
(SY) copper bishistidinate
(HM) *HISTIDINE
(HM) *COPPER
(NO) RN given refers to N,N(3),O(L)-isomer; RN for cpd without isomeric designation not in Chemline 7/85

copper bishistidinate see copper bis(histidinate)

copper bleomycin
(SY) bleomycin Cu
(SY) bleomycin copper chelate
(HM) *BLEOMYCINS
(NO) Merck reference is for bleomycins

copper(I) chloride see cuprous chloride

copper diethylamine oxyquinoline sulfonate
(RN) 13007-93-7
(SY) copper DOS
(HM) *QUINOLINES
(HM) *COPPER
(II) CHELATING AGENTS
(NO) copper complex to alleviate hypocupraemia in sheep & cattle

copper DOS see copper diethylamine oxyquinoline sulfonate

copper ferrocyanide see cupric ferrocyanide

copper glycinate see cupric glycinate

copper glycyl-histidyl-lysine see glycyl-histidyl-lysine

copper(II) bisglycinate see cupric glycinate

copper(II) bis(phenylbutazone) complex
(RN) 76124-75-9
(SY) bis(phenylbutazone) Cu(II) complex
(SY) CuBPC
(HM) *COPPER
(HM) *PHENYLBUTAZONE
(PA) ANTI-INFLAMMATORY AGENTS

copper(II)-methyl 2-(2-aminoethyl) aminoethylpyridine-6-carboxylhistidinate
(SY) AMPHIS-Cu
(HM) *DIPEPTIDES
(HM) *ORGANOMETALLIC COMPOUNDS
(II) CHELATING AGENTS
(NO) synthetic analog of chelating part of bleomycin; structure given in first source

copper lactobionate see lactobionic acid

copper metallothionein see copper thionein

copper methionate
(RN) 13985-65-4
(SY) lambcoppa
(HM) *COPPER
(HM) METHIONINE/*analogs
(NO) copper complex; RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 9/84

copper myxin
(RN) 28069-65-0
(RR) 41686-72-0 (former CAS registry number)
(SY) cuprimyxin
(SY) unitop
(SY) 6-methoxy-1-phenazinol 5,10-dioxide cupric complex
(HM) PHENAZINES
(PA) ANTIBIOTICS
(NO) complex of copper (II) & myxin; topical broad spectrum

copper oxidase
(RN) EC 1.16.-
(HM) *OXIDOREDUCTASES

copper oxide (CuO) see cupric oxide

copper oxychloride
(RN) 1332-65-6
(SY) Blitox
(HM) *COPPER

copper 8-oxyquinoline sulfonate see 8-hydroxyquinoline-5-sulfonic acid

copper phenanthroline see 2-phenanthroline

copper phthalocyanine
(RN) 147-14-8
(SY) phthalocyanine blue
(SY) Monastral fast blue
(SY) Monastral Blue B
(SY) cuprolinic blue
(SY) cupromeronic blue
(HM) *INDOLES
(II) INDICATORS AND REAGENTS
(II) PIGMENTS
(II) DYES
(NO) structure

copper phthalocyanine trisulfonic acid
(RN) 1330-39-8
(RR) 25512-11-2 (tri-NH4 salt)
(SY) trisulfo-copper-phthalocyanine tri-sodium salt
(SY) CPCTA
(HM) *INDOLES
(II) PIGMENTS
(NO) RN given refers to tri-Na salt; RN for parent cpd not in Chemline 8/4/83; structure given in first source

copper salicylate complex see Alcusal

copper sulfate
(RN) 7758-98-7
(SY) cupric sulfate
(SY) blue vitriol
(HM) *COPPER
(NO) structure

copper tetrabenzo(b,f,j,n)-1,5,9,13-tetraazacyclohexadecine
(RN) 51890-18-7
(SY) tetrabenzo(b,f,j,n)-1,5,9,13-tetraazacyclohexadecine copper
(SY) Cu(TAAB)
(HM) *ORGANOMETALLIC COMPOUNDS
(HM) *COPPER
(II) INDICATORS AND REAGENTS
(NO) catalytic reagent for oxidation of ascorbic acid; RN given refers to dinitrate; RN for parent cpd not in Chemline 9/84

copper tetrasulfophthalocyanine see tetrasulfophthalocyanine

copper-thionein see copper thionein

copper thionein
(SY) Cu-thionein
(SY) copper-associated protein
(SY) copper-thionein
(SY) copper metallothionein
(HM) *METALLOTHIONEIN
(NO) formed from metallothionein by reaction with copper; not the same as THIONEINE (an ergot alkaloid)

copper(I)-tris(thiourea
(RN) 22229-11-4
(SY) (Cu(I)(thiourea)3)Cl
(HM) THIOUREA/*analogs
(HM) *COPPER
(NO) RN given refers to (sulfate[2:1]salt); RN for parent cpd not in Chemline 10/84

6-COPPQD see
9-chloro-4-oxo-10-propyl-4H-pyrano(3,2-g)quinoline -2,8-dicarboxylate

coprine
(RN) 58919-61-2
(HM) GLUTAMINE/*analogs
(PA) ALDEHYDE OXIDOREDUCTASES/antag
(NO) disulfriam like inducer of ethanol oversensitivity & aldehyde dehydrogenase inhibitor from coprinus

coprogen
(RN) 31418-71-0
(HM) *HYDROXAMIC ACIDS
(II) IRON CHELATES
(NO) siderochrome found in Penicillium & Neurospora; structure

coproporphyrin I
(RN) 531-14-6
(RR) 27121-71-7 (cpd with unspecified locants)
(RR) 1111-21-3 (duplicate RN)
(HM) *COPROPORPHYRINS
(NO) RN given refers to cpd with specified locants; see also record for corproporphyrin III

coproporphyrin III
(RN) 14643-66-4
(RR) 68938-73-8 (di-HCl)
(RR) 68524-59-4 (tetra-NH4 salt)
(RR) 68524-58-3 (tetra-Na salt)
(RR) 68488-86-8 (tetra-K salt)
(RR) 38660-40-1 (Na salt)
(RR) 50713-81-0 (13C-labeled cpd)
(HM) *COPROPORPHYRINS
(NO) RN given refers to unlabeled parent cpd; see also record for coproporphyrin I

coprostanone
(RN) 15600-08-5
(RR) 601-53-6 ((5beta)-isomer)
(HM) *CHOLESTANES
(NO) bacterial metabolite of cholesterolvia coprostanol; RN given refers to cpd without isomeric designation; structure

COQ8 see ubiquinone 8

coralgil see hexestrol bis(diethylaminoethyl ether)

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coralgina see hexestrol bis(diethylaminoethyl ether)

coralyne
(RN) 6872-73-7
(RR) 38989-38-7 (chloride)
(RR) 38989-37-6 (sulfoacetate)
(RR) 50432-85-4 (acetosulfate)
(SY) NSC-154890
(HM) *BERBINES
(PA) ANTINEOPLASTIC AGENTS
(NO) RN given refers to parent cpd; at this time it is not known for which salt NSC-154890 is synonym; structure

corchoroside A
(RN) 508-76-9
(HM) *CARDENOLIDES
(II) CARDIAC GLYCOSIDES
(NO) from Adonis mongolica Sim.

corconium see subecholine

Cordanum see talinolol

Cordichin
(HM) *VERAPAMIL
(HM) *QUINIDINE
(HM) DRUG COMBINATIONS
(NO) combination of verapamil & quinidine

cordycepin triphosphate see 3'-deoxyadenosine 5'-triphosphate

cordycepin 2-5A see 2',5'-oligoadenylate cordycepin analog

2-5A core 5'-diphosphate see 2',5'-oligoadenyl-5'-diphosphate

CO2 reductase see carbon dioxide reductase

core endotoxin
(HM) *ENDOTOXINS
(II) LIPOPOLYSACCHARIDES
(NO) portion of bacterial outer membrane lipopolysaccharide common to many gram-negative microorganisms

corexit 9527
(RN) 60617-06-3
(HM) *SURFACE-ACTIVE AGENTS
(NO) water-soluble oil dispersant; no other information available 1/24/80

Corgard see nadolol

corglycon see convallatoxin

corglycone see convallatoxin

Corindolan see mepindolol

coriolan
(RN) 54328-34-6
(HM) *GLUCANS
(NO) polysaccharide from Coriolus versicolor Composed of 1-2 or 1-6 linked glucopyranose residues

coriolin
(RN) 33404-85-2
(HM) SESQUITERPENES
(PA) ANTIBIOTICS
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) sesquiterpene antibiotic isolated from Coriolus consors; structure in third source

Cormelian-Digotab
(RN) 54914-39-5
(SY) Asta CD 072
(SY) Card-20(22)-enolide, 3-((O-4-O-acetyl-2,6-dideoxy-beta-D-ribo-hexopyranosyl-(1->4)-O-2,6-dideoxy-beta-D-ribo-hexopyranosyl-(1->4)-2,6-dideoxy-beta-D-ribo-hexopyranosyl)oxy)-12,14-dihydroxy-, (3beta,5beta,12beta)-, compd. with (tetrahydro-1H-1,4-diazepine-1,4(5H)-diyl)di-3,1-propanediyl 3,4,5-trimethoxybenzoate dihydrochloride (1:1)
(HM) *DILAZEP
(HM) DRUG COMBINATIONS
(HM) *ACETYLDIGOXINS
(PA) VASODILATOR AGENTS
(NO) combination drug containing 50 mg dilazep & 0.2 mg beta-acetyldigoxin

corn oil
(RN) 8001-30-7
(SY) lipomul
(HM) *OILS
(II) DIETARY FATS
(NO) see also record for Insadol (nonsaponifiable fraction of corn oil

coroxon
(RN) 321-54-0
(SY) conalox
(SY) 3-chloro-7-hydroxy-4-methylcoumarin diethyl phosphate
(HM) *COUMAPHOS/analogs
(PA) CHOLINESTERASE INHIBITORS
(PA) INSECTICIDES, ORGANOPHOSPHATE
(NO) oxygen analog of coumaphos

corrective endonuclease see endodeoxyribonuclease (pyrimidine dimer)

correctol laxative
(RN) 89066-78-4
(HM) *DIOCTYL SULFOSUCCINATES
(HM) *PHENOLPHTHALEINS
(HM) DRUG COMBINATIONS
(PA) CATHARTICS
(NO) contains phenolphthalein & dioctyl sodium sulfosuccinate; do not confuse with correctol eyedrops, RN 80106-39-4 in Chemline

correndonuclease see endodeoxyribonuclease (pyrimidine dimer)

correndonuclease II see endodeoxyribonuclease (pyrimidine dimer)

correxonuclease
(RN) EC 3.1.4.-
(SY) DNA repair exonuclease
(HM) *EXODEOXYRIBONUCLEASES
(II) DNA REPAIR
(NO) hydrolyzes single-stranded DNA; initiates hydrolysis at both 3' and 5' termini of such DNA, yielding 5'-phosphorylated oligonucleotides averaging 4 nucleotides; can excise pyrimidine dimers which are adjacent to the break

corrin see corrinoid

corrinoid
(SY) corrin
(HM) *VITAMIN B 12

corrinoid enzyme
(RN) EC 2.1.1.-
(HM) *METHYLTRANSFERASES
(NO) catalyzes the formation of acetate from N5-methyl-tetrahydrofolate + pyruvate, when supplemented with an extract from Clostridium thermoaceticum enzymes

Corsodyl ICI see chlorhexidine gluconate

corticosteroid 11-oxidoreductase see 11 beta-hydroxysteroid dehydrogenase

corticosteroid 11-reductase see 11 beta-hydroxysteroid dehydrogenase

corticosteroid side chain isomerase
(RN) EC 5.1.9.-
(SY) CCSCI
(HM) *STEROID ISOMERASES
(NO) also acts as an epimerase at C-20

corticosterone acetate
(RN) 1173-26-8
(HM) CORTICOSTERONE/*analogs

corticosterone binding protein (Candida) see corticosterone-binding proteins

corticosterone-binding proteins
(SY) CC-binding protein
(SY) corticosterone binding protein (Candida)
(HM) *CARRIER PROTEINS
(II) CORTICOSTERONE
(NO) isolated & characterized; binding protein from unicellular eukayote & human plasma; different from steroid receptors

corticosterone 18-hydroxylase see corticosterone 18-monooxygenase

corticosterone methyl oxidase I
(RN) EC 1.-
(SY) CMO I
(HM) *MIXED FUNCTION OXIDASES
(NO) converts C-18 of corticosterone to a labile intermediate which is converted to aldosterone by corticosterone methyl oxidase II

corticosterone methyl oxidase II
(RN) EC 1.-
(HM) *MIXED FUNCTION OXIDASES
(NO) catalyzes ultimate step on aldosterone biosynthesis

corticosterone 18-monooxygenase
(RN) EC 1.14.15.5
(RR) 37256-75-0 (CRN)
(SY) corticosterone 18-hydroxylase
(HM) *STEROID HYDROXYLASES

corticosterone receptor
(SY) receptor, corticosterone
(SY) corticosterone receptors
(HM) *RECEPTORS, GLUCOCORTICOID
(II) CORTICOSTERONE

corticosterone receptors see corticosterone receptor

corticosterone sulfate
(RN) 1105-02-8
(RR) 3583-26-4 (mono-Na salt(11beta)-isomer))
(HM) CORTICOSTERONE/*analogs
(NO) RN given refers to (11beta)-isomer; RN for cpd without isomeric designation not in Chemline 7/15/83

corticotropin-inhibiting peptide see ACTH(7-38)

corticotropin-like intermediate lobe peptide
(RN) 53917-42-3
(RR) 52870-23-2 (pig fragments)
(RR) 54191-15-0 (pig fragments from Squalus acanthias)
(SY) CLIP
(SY) ACTHalpha(18-39), Ser(31)-
(SY) Ser(31)-ACTHalpha(18-39)
(SY) 31-serine-ACTHalpha(18-39)
(HM) *CORTICOTROPIN
(HM) *PEPTIDE FRAGMENTS
(NO) identical to 18-39 fragment of ACTH; RN given refers to pig fragments

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corticotropin receptor
(SY) receptor, corticotropin
(SY) corticotropin receptors
(SY) ACTH receptor
(SY) ACTH receptors
(SY) receptor, ACTH
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) CORTICOTROPIN

corticotropin receptors see corticotropin receptor

corticotropin releasing factor (9-41) see corticotropin releasing hormone (9-41)

corticotropin releasing hormone receptor
(SY) receptor, corticotropin-releasing factor
(SY) CRF receptors
(SY) CRH receptor
(SY) corticotropin releasing hormone receptors
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) CORTICOTROPIN RELEASING HORMONE

corticotropin releasing hormone receptors see corticotropin releasing hormone receptor

corticotropin releasing hormone (9-41)
(SY) CHR (9-41)
(SY) corticotropin releasing factor (9-41)
(HM) *CORTICOTROPIN RELEASING HORMONE
(HM) *PEPTIDE FRAGMENTS
(NO) corticotropin releasing hormone antagonist

corticotropin (1-38) see ACTH(1-38)

(1-4) corticotropin see ACTH(1-4)

corticotropin (4-7) see ACTH(4-7)

corticotropin, 5-10- see ACTH(5-10)

(7-28)-corticotropin see ACTH(7-38)

Corti-Dynexan
(RN) 76207-53-9
(HM) *POLYETHYLENE GLYCOLS
(HM) PREDNISOLONE/*analogs
(HM) *TYROTHRICIN
(HM) *DEQUALINIUM
(HM) *PANCREATIN
(HM) DRUG COMBINATIONS
(NO) contains hydroxypolyethoxydodecane, prednisolone 21-acetate, dequalinium chloride, tyrothricin, pancreatin, aluminum formate; used in treatment of periodontal diseases

Corti-fluoral
(HM) *CHLORAMPHENICOL
(HM) *FLUPREDNISOLONE
(HM) DRUG COMBINATIONS
(PA) ANTI-INFLAMMATORY AGENTS
(II) ISOMERISM
(NO) combination of chloramphenicol and 9 alpha-fluoroprednisolone

cortinarin A
(RN) 88025-84-7
(HM) *PEPTIDES, CYCLIC
(II) MYCOTOXINS
(II) BASIDIOMYCETES
(NO) from mushroom Cortinarius speciosissimus; structure given in first source

cortinarin B
(RN) 89286-74-8
(HM) *PEPTIDES, CYCLIC
(II) MYCOTOXINS
(II) BASIDIOMYCETES
(NO) from mushroom Cortinarius speciosissimus; structure given in first source

cortinarin C
(RN) 88025-85-8
(HM) *PEPTIDES, CYCLIC
(II) MYCOTOXINS
(II) BASIDIOMYCETES
(NO) from mushroom Cortinarius speciosissimus; structure given in first source

cortisol 21-acetate see hydrocortisone acetate

cortisol binding globulin
(HM) *CARRIER PROTEINS
(II) HYDROCORTISONE

cortisol 17-butyrate see hydrocortisone-17-butyrate

cortisol delta(4)-hydrogenase see cortisol delta 4-reductase

cortisol delta 4-reductase
(RN) Ec 1.3.1.-
(SY) cortisol delta(4)-hydrogenase
(HM) *OXIDOREDUCTASES
(NO) forms 5 alpha-dihydrocortisol

cortisol 4-en-5 alpha-reductase see cortisone alpha-reductase

cortisol-21-glucosiduronate see hydrocortisone 21-glucuronate

cortisol hemisuccinate see cortisol succinate

cortisol-21-(hydrogen succinate) see cortisol succinate

cortisol 21-mesylate
(RN) 6677-96-9
(SY) hydrocortisone 21-methanesulfonate
(SY) 4-pregnene-11beta, 17alpha, 21-triol-3,20-dione-21-methanesulfonate
(HM) HYDROCORTISONE/*analogs
(II) GLUCOCORTICOIDS, SYNTHETIC
(NO) alkylating derivative of cortisol

cortisol-21-palmitate
(RN) 61366-96-9
(HM) HYDROCORTISONE/*analogs

cortisol 21-phosphate
(RN) 3863-59-0
(RR) 6000-74-4 (di-Na salt(11beta)-isomer)
(RR) 13926-44-8 (unspecified Na salt(11beta)-isomer)
(SY) hydrocortisone 21-phosphate
(HM) HYDROCORTISONE/*analogs
(II) ARTHRITIS, ADJUVANT/drug ther
(NO) RN given refers to (11beta)-isomer; RN for parent cpd without isomeric designation not in Chemline 12/13/83

cortisol receptors see hydrocortisone receptor

cortisol succinate
(RN) 2203-97-6
(RR) 125-04-2 (Na salt)
(SY) hydrocortisone succinate
(SY) Solu-Cortef
(SY) cortisol-21-(hydrogen succinate)
(SY) sopolcort H
(SY) sopolkort
(SY) hydrocortisone hemisuccinate
(SY) cortisol hemisuccinate
(HM) HYDROCORTISONE/*analogs
(NO) RN given refers to (11beta)-isomer; Synonyms Solu-Cortef & sopolcort H refer to Na salt; RN for cpd without isomeric designation not in Chemline 7/12/83

cortisol sulfate
(RN) 1253-43-6
(RR) 26670-67-7 (4-(14)C-labeled cpd)
(RR) 26632-04-2 (1,2-T2-labeled cpd)
(HM) HYDROCORTISONE/*analogs
(NO) RN given refers to (11beta)-isomer; RN for cpd without isomeric designation not in Chemline 7/12/83

cortisol sulfotransferase
(RN) EC 2.8.2.-
(HM) *SULFURTRANSFERASES

cortisone acetate
(RN) 50-04-4
(RR) 29253-51-8 (former CAS registry number)
(HM) CORTISONE/*analogs

cortisone alpha-reductase
(RN) EC 1.3.1.4
(RR) 9029-09-8 (CRN)
(SY) cortisone delta-4 5-alpha reductase
(SY) cortisol 4-en-5 alpha-reductase
(HM) *OXIDOREDUCTASES

cortisone delta-4 5-alpha reductase see cortisone alpha-reductase

cortisone-11-oxidoreductase see 11 beta-hydroxysteroid dehydrogenase

cortisone sulfate
(RN) 912-25-4
(RR) 2681-67-6 (Na salt)
(RR) 26670-68-8 (4-(14)C-labeled cpd)
(RR) 26633-36-5 (1,2-T2-labeled cpd)
(HM) CORTISONE/*analogs
(NO) RN given refers to unlabeled parent cpd

Cortisporin
(RN) 8024-64-4
(SY) Otosporin
(HM) *NEOMYCIN
(HM) *POLYMYXIN B
(HM) *HYDROCORTISONE
(HM) DRUG COMBINATIONS
(NO) antibiotic/steroid eardrops for treatment of otitis externa, chronic otitis media & infected mastoid cavities; each cc contains neomycin sulfate 5 mg, polymyxin B sulfate 10,000 units & hydrocortisone (free alcohol) 5 mg

cortivazol
(RN) 1110-40-3
(SY) H-3625
(SY) dilaster
(SY) idaltim
(HM) *PREGNATRIENES
(II) GLUCOCORTICOIDS, SYNTHETIC
(NO) structure

cortoic acids
(HM) HYDROCORTISONE/*analogs
(NO) carboxylic acid metabolites of cortisol, cortolic & cortolonic acids

cortol-3-glucuronide
(SY) 20 alpha-cortol-3-glucuronide
(SY) 20 beta-cortol-3-glucuronide
(HM) *PREGNANES
(NO) structure given in first source

cortolic acid
(RN) 52077-59-5
(HM) HYDROCORTISONE/*analogs
(NO) carboxylic acid metabolites of cortisol in man; both 20 alpha & 20 beta isomers isolated

cortolone
(RN) 516-42-7
(RR) 667-66-3 ((3alpha,5beta,20R)-isomer)
(RR) 640-85-7 ((3alpha,5alpha,20S)-isomer)
(HM) *PREGNANES
(NO) RN given refers to (3alpha,5beta,20S)-isomer; RN for cpd without isomeric designation not in Chemline 7/12/83

cortolone-3-glucuronide
(SY) 20 alpha-cortolone-3-glucuronide
(SY) 20 beta-cortolone-3-glucuronide
(HM) *PREGNANES
(NO) structure given in first source

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cortolonic acid
(RN) 52077-56-2
(HM) HYDROCORTISONE/*analogs
(NO) carboxylic acid metabolites of cortisol in man; both 20 alpha & 20 beta isomers isolated

Cortrosyn Depot see adrenocorticotropin zinc

corvaton see morsydomine

corwin see ICI 118,587

corynebactin
(RN) 95536-41-7
(HM) *IRON CHELATES
(II) CORYNEBACTERIUM DIPHTHERIAE
(NO) siderophore synthesized by Corynebacterium diphtheriae

corynetoxins
(SY) plant glycolipid toxins
(HM) *GLYCOLIPIDS
(II) TOXINS
(NO) from parasitised annual rye grass; properties are similar to tunicamycin

Cosadon see cosaldon

cosaldon
(RN) 8060-62-6
(SY) Cosadon
(SY) Cosaldon retard
(HM) THEOBROMINE/*analogs
(HM) *NICOTINIC ACIDS
(HM) DRUG COMBINATIONS
(PA) VASODILATOR AGENTS
(NO) contains 0.2 g 1-hexyltheobromine (pentifylline), 0.05 g nicotinic acid

Cosaldon A&E
(RN) 76584-56-0
(SY) Cosaldon A+E
(HM) THEOBROMINE/*analogs
(HM) *NICOTINIC ACIDS
(HM) *VITAMIN A
(HM) *VITAMIN E
(HM) DRUG COMBINATIONS
(NO) contains 400mg pentifyllin, 100mg nicotinic acid, 30000 I.E. vitamin A & 40 I.E. vitamin E

Cosaldon A+E see Cosaldon A&E

Cosaldon retard see cosaldon

cosmesil
(SY) cosmesil-S
(SY) cosmesil-H
(HM) *SILICONE ELASTOMERS
(NO) facial prosthetic material in soft & hard form

cosmesil-H see cosmesil

cosmesil-S see cosmesil

Cosmic
(RN) 59694-78-9
(HM) *COMPOSITE RESINS

Co-soltrim see lidaprim

costaclavin
(RN) 436-41-9
(RR) 569-26-6 ((8beta)-isomer)
(RR) 478-89-7 ((8alpha)-isomer)
(SY) costaclavine
(SY) epicostaclavin
(SY) 6,8-dimethylergoline
(SY) festuclavin
(SY) pyroclavin
(HM) *ERGOLINES
(NO) RN given refes to (8beta,10beta)-isomer; RN for cpd without isomeric designation not in Chemline 7/12/83

costaclavine see costaclavin

costunolide
(RN) 553-21-9
(HM) *SESQUITERPENES
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(PA) ANTHELMINTICS
(NO) wood oil from tree Eremanthus elaegnus used as chemoprophylactic agent in schistosomiasis; structure

costus see costus absolute

costus absolute
(RN) 8023-88-9
(SY) costus
(SY) costus root oil
(HM) *SESQUITERPENES
(II) PLANT EXTRACTS
(NO) extract from roots of Saussurea lappa used in perfumery & cosmetics; contains sesquiterpene lactones reported to cause contact hypersensitivity; structures of components

costus root oil see costus absolute

Cosumix Plus see sulfotrim

cosyntropin, 7-methyltryptophan(9)-
(SY) 7-me-Trp(9)-cosyntropin
(SY) 7-methyltryptophan(9)-beta-corticotropin(1-24)
(HM) COSYNTROPIN/*analogs

COTA see colon-ovarian tumor antigen

cotarnine
(RN) 82-54-2
(RR) 36647-03-7 (former CAS registry number)
(HM) *ALKALOIDS
(II) HEMOSTATICS
(NO) structure

cotazyme see pancrelipase

Co-tetroxazin see tibirox

co-tetroxazine see tibirox

cotetroxazine see tibirox

cotoran see fluometuron

cotoran 80 WP see fluometuron

cotrifamol see Supristol

co-trifamole see Supristol

cotrifamole see Supristol

Co-trimazine
(RN) 39474-58-3
(SY) trimethoprim-sulfadiazine mixture
(SY) sulfadiazine-trimethoprim mixture
(SY) triglobe
(SY) tribrissen
(SY) ditrim
(HM) *TRIMETHOPRIM
(HM) *SULFADIAZINE
(HM) DRUG COMBINATIONS
(PA) ANTI-INFECTIVE AGENTS, URINARY
(NO) combination of trimethoprim & sulfadiazine

co-trimoxazole see Bactrim

cotrimoxazole see Bactrim

cotyledoside
(RN) 57364-74-6
(HM) *BUFANOLIDES
(II) CARDIAC GLYCOSIDES
(NO) glycoside isolated from Tylecodon wallichii; structure in first source

coumaran
(RN) 496-16-2
(HM) *BENZOFURANS
(PA) SCHISTOSOMICIDES

m-coumaric acid see 3-coumaric acid

p-coumaric acid see 4-coumaric acid

3-coumaric acid
(RN) 588-30-7
(RR) 14755-02-3 ((E)-isomer)
(RR) 25429-38-3 (unspecified hydroxy locant)
(RR) 38094-41-6 ((E)-isomer, unspecified hydroxy locant)
(SY) meta-coumaric acid
(SY) m-coumaric acid
(HM) *COUMARIC ACIDS
(NO) RN given refers to cpd without isomeric designation in Chemline

4-coumaric acid
(RN) 7400-08-0
(RR) 61013-25-0 (di-Na salt)
(RR) 4501-31-9 ((Z)-isomer)
(RR) 501-98-4 ((E)-isomer)
(SY) p-coumaric acid
(SY) para-coumaric acid
(SY) p-hydroxycinnamic acid
(HM) *COUMARIC ACIDS
(II) CONTRACEPTIVE AGENTS, MALE
(NO) reproductive inhibitor in male rat; RN given refers to parent cpd without isomeric designation

coumarin
(RN) 91-64-5
(SY) 5,6-benzo-alpha-pyrone
(SY) 1,2-benzopyrone
(HM) *COUMARINS
(NO) effective in reducing edema following crush & thermal injury; structure in Merck Index, 9th ed, #2547

coumarin hydroxylase
(RN) EC 1.14.99.-
(HM) *HYDROXYLASES
(NO) different preparations hydroxylate at position 3 & position 7

4-coumaroyl-CoA synthetase
(RN) EC 6.2.1.12
(HM) *COENZYME A SYNTHETASES

coumatetralyl
(RN) 5836-29-3
(HM) *4-HYDROXYCOUMARINS
(PA) RODENTICIDES
(PA) HERBICIDES
(NO) structure

coumermycin see coumermycins

coumermycin A1 see coumermycins

coumermycins
(RN) 4434-05-3
(RR) 22260-48-6 (former CAS registry number)
(RR) 27335-31-5 (coumermycin A1 Na salt)
(RR) 2964-22-9 (coumermycin A2 Na salt)
(SY) coumermycin
(SY) coumermycin A1
(HM) COUMARINS
(PA) ANTIBIOTICS
(NO) RN given refers to coumermycin A1; structure

Counter see terbufos

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coupling factor B
(RN) EC 3.6.1.-
(HM) *ADENOSINE TRIPHOSPHATASE
(II) OXIDATIVE PHOSPHORYLATION COUPLING FACTORS
(NO) has no intrinsic activity but stimulates ATP-driven NAD+ reduction by succinate, ATP-dependent NADP+ rduction by NADH, P(i)-ATP exchange & net phosphorylation in ammonia EDTA-extracted submitochondrial particles

coupling factor 6 see F(6) ATPase

coupling sugar
(SY) coupling sugar C
(HM) *POLYSACCHARIDES
(II) SWEETENING AGENTS
(NO) mixture of starch, sucrose, glycosylsucrose, maltosylsucrose, fructose, glycosylfructose

coupling sugar C see coupling sugar

covalitin
(RN) 85568-34-9
(HM) *ION EXCHANGE RESINS
(NO) 3 different types of ion-exchange resins (C1, C2, C3) used for treatment of urinary calculi

covellite see cupric sulfide

co-vidarabine
(RN) 59979-24-7
(HM) VIDARABINE/*analogs

cow urine concoction see cow's urine mixture

cow's urine mixture
(SY) cow urine concoction
(HM) *PLANT EXTRACTS
(PA) HYPOGLYCEMIC AGENTS
(PA) ANTICONVULSANTS
(II) PLANTS, MEDICINAL
(NO) traditional local (Lagos, Nigeria) concoction of various plants including tobacco leaves, onion & garlic soaked in cow's urine & used as remedy for convulsions which also produces significant depression of blood glucose in rabbits

coxistac see salinomycin

CpA see cytidylyl adenosine

4-CPA 3,4-dioxygenase see 4-chlorophenylacetate 3,4-dioxygenase

CPase INHIB see carboxypeptidase inhibitor (potato)

CPAT see Clostridium perfringens alpha-toxin

CPBT see Clostridium perfringens beta-toxin

CpC see cytidylyl-(3'-5')-cytidine

CPC synthetase see cephalosporin C synthetase system

CPCTA see copper phthalocyanine trisulfonic acid

CPDA solutions
(SY) CPDA-1
(SY) CPDA-2
(SY) CPDA-3
(SY) CPD-A2
(HM) *CITRATES
(HM) *PHOSPHATES
(HM) *ADENINE
(HM) *GLUCOSE
(PA) ANTICOAGULANTS
(PA) CRYOPROTECTIVE AGENTS
(II) SOLUTIONS
(II) BLOOD PRESERVATION
(II) BLOOD PRESERVATION
(NO) anticoagulant; erythrocyte & platelet preserving solution containing citrate, phosphate, dextrose & adenine

CPDA-1 see CPDA solutions

CPDA-2 see CPDA solutions

CPD-A2 see CPDA solutions

CPDA-3 see CPDA solutions

CPDD
(SY) CHAP
(SY) HCAP
(SY) H-CAP
(SY) CHAP-5
(SY) CHAD protocol
(HM) CYCLOPHOSPHAMIDE
(HM) CISPLATIN
(HM) DOXORUBICIN
(HM) HEXAMETHYLMELAMINE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds; used in treatment for ovarian cancer

CPDT see Clostridium perfringens delta-toxin

cpd-57-118 see compound 57-118

cpd 65/469 see centazolone

C-peptide carboxylate RNase A see ribonuclease A, C-peptide

C5-peptide
(HM) *COMPLEMENT 5
(NO) histamine-releasing cpd in zymosan-activated human serum

CPE-Rh see cyclooctadiene-(2-pyridinalethylimine)rhodamine I

CPET see Clostridium perfringens epsilon-toxin

CP fatty acids see cyclopropane fatty acids

C22-PGF4alpha see C22-prostaglandin F4alpha

CP-GM see capsular polysaccharide (gonococci, meningococci)

CPG-11952 see CGP 11952

3'-5'-CpG see cytidylyl-3'-5'-guanosine

C phage associated lysin see lysin, streptococcus bacteriophage

C(30)PHPC see 1-triacontanoyl-2-(pyren-1-yl)hexanoyl-sn-glycero-3-phosphocholine

2-CPIYA see 2-cyano-3-(1-phenylindol-3-yl)acrylate

CPL DNA RP see coliphage lambda DNA replication proteins

CPMND see N-cyclopropylmethyl-norazido-dihydroisomorphine

N-CPMNM see N-(cyclopropylmethyl)normorphinone

CPM-Rh see cyclooctadiene-(2-pyridinalmethylimine)rhodamine I

CPMS see 4-chlorophenyl methyl sulfide

CPMSO2 see 4-chlorophenyl methyl sulfone

7-CpNBF see 7-chloro-4-nitrobenzofuran

CPOB
(SY) COPB
(HM) CYCLOPHOSPHAMIDE
(HM) PREDNISONE
(HM) VINCRISTINE
(HM) BLEOMYCINS
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol containing above four cpds

4-CPOB see 4-(4-chlorophenyl)-2-oxo-3-butenoic acid

CPOPPA see 2-(3-(2'-chlorophenoxy)phenyl)propionic acid

16-CPOTN-PGF2 alpha see 16-(3-chlorophenoxy)-17,18,19,20- tetranorprostaglandin F2 alpha

N-CPPAB see N-(1-carboxy-2-phenylethyl)phenylalanine-4-aminobenzoate

CPPAC see 2-chlorophenyl phosphoro-4-anisidochloridate

1-CPPAP see MK 422

CPPN see 3-carboxypropyl-(2-propenyl)nitrosamine

CPPO see bis(2,4,5-trichloro-6-carbopentoxyphenyl)oxalate

CPP 3,4-oxide see cyclopenta(cd)pyrene 3,4-oxide

2-CPPPA see 2-(3-(2-chlorophenoxyphenyl))propionic acid

CPP-Rh see cyclooctadiene-(2-pyridinalisopropylimine)rhodamine I

CPP1 see somatostatin, cyclo-(7-Ahep-Phe-Trp-Lys-Thr(Bzl))-

C1q-anti C1q precipitin ring enhancing protein
(SY) C1q-PREP
(HM) *BLOOD PROTEINS
(II) COMPLEMENT ACTIVATING ENZYMES
(II) ANTIBODIES
(NO) serum protein; MW 135,000 daltons; biological marker for active rheumatoid arthritis; enhances the size of the C1q-anti C1q ring

C1(5)-predioxin see predioxin

C1q-PREP see C1q-anti C1q precipitin ring enhancing protein

C22-prostaglandin F4 alpha see C22-prostaglandin F4alpha

C22-prostaglandin F4alpha
(RN) 79319-94-1
(SY) C22-PGF4alpha
(SY) C22-prostaglandin F4 alpha
(HM) *PROSTAGLANDINS F
(NO) synthesized from docosahexaenoic acid by trout gill; structure given in first source

C-protein
(SY) myofibrillar C-protein
(HM) *MUSCLE PROTEINS
(NO) found in vertebrate skeletal muscle

C protein
(SY) citrate periplasmic carrier protein
(SY) tricarboxylate-binding C protein
(HM) *CARRIER PROTEINS

C.74 protocol see CCG-141

CPSase-ASPC transferase complex see carbamoyl phosphate synthase-aspartatecarbamoyl transferase complex

CPS-22 see somatostatin-22

CPTA see 2-(4'-chlorophenylthio)triethylamine

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CPTFTDCP see 1-cyclopropylmethyl-4-(3-trifluoromethylthio-5H-dibenzo(a,d)cyclohepten-5-ylidene)piperidine

CPTH see starlicide

cpxA gene product see gene proteins, bacterial

CPZSL see didemethylchlorpromazine

CP-10 see quinterenol

CP 1001 see 6-chrysenamine

CP-1414 S see CP 1414 S

CP 1414 S
(RN) 36975-99-2
(SY) 7-nitro-2-amino-5-phenyl-3H-1,5-benzodiazepin-4-one
(SY) CP-1414 S
(HM) *BENZODIAZEPINONES
(PA) BENZODIAZEPINE TRANQUILIZERS
(PA) ANTICONVULSANTS
(NO) structure in first source

CP 14,445 see oxantel

CP-14,445 see oxantel

CP-1552 see milacemide

CP 1552 see milacemide

CP-1552S see milacemide

CP 1552-S see milacemide

CP 16171 see piroxicam

CP-17,193 see CP-17193

CP 17193 see CP-17193

CP-17193
(RN) 77617-75-5
(SY) 2-(4'-chlorophenyl)benzothiopyrano(4,3-c) pyrazol-3-one
(SY) CP-17,193
(SY) CP 17193
(HM) *PYRAZOLES
(PA) IMMUNOSUPPRESSIVE AGENTS
(NO) structure given in first source

CP 19,106 see trimazosin

CP-19,106 see trimazosin

CP 20961 see CP-20,961

CP-20,961
(RN) 35607-20-6
(RR) 37511-08-3 (phosphate[2:1] salt)
(SY) CP 20,961
(SY) CP 20961
(SY) avridine
(HM) *DIAMINES
(PA) INTERFERON INDUCERS
(PA) ANTIVIRAL AGENTS
(II) ADJUVANTS, IMMUNOLOGIC
(NO) RN given refers to parent cpd

CP 20,961 see CP-20,961

CP-23445 see CP 23445

CP 23,445 see CP 23445

CP 23445
(RN) 88321-10-2
(SY) CP-23445
(SY) 1-hydroxytrimazosin
(SY) CP 23,445
(SY) CP-23445
(SY) 2-hydroxy-2-hydroxymethylpropyl-4(4-amino-6,7,8-trimethoxy-2-quinazolinyl)-1-piperazine caboxylic acid
(HM) *PIPERAZINES
(PA) ANTIHYPERTENSIVE AGENTS
(NO) major metabolite of trimazosin; structure in first source

CP-23445 see CP 23445

CP-24,314-1 see pirbuterol

CP 24315-1 see pirbuterol

CP-24315-1 see pirbuterol

CP-33,994 see pirbenicillin

CP-33994-2 see pirbenicillin

CP-34089 see sulprostone

CP-36,584 see flutroline

CP-38295 see etheromycin

CP-45634 see sorbinil

CP 45634 see sorbinil

CP-45,899 see sulbactam

CP 45899 see sulbactam

CP 46665
(RN) 72618-10-1
(SY) CP-46,665
(SY) CP 46665-1
(SY) 4-aminomethyl-1-(2,3-bis(decyloxy)propyl)-4-phenylpiperidine
(HM) *PIPERIDINES
(PA) ANTINEOPLASTIC AGENTS
(II) ADJUVANTS, IMMUNOLOGIC
(NO) immunomodulator; RN given refers to di-HCl; RN for parent cpd not in Chemline 7/11/83

CP-46,665 see CP 46665

CP 46665-1 see CP 46665

CP-47,497 see CP 47,497

CP 47497 see CP 47,497

CP 47,497
(RN) 70434-82-1
(SY) 3-(2-hydroxy-4-(1,1-dimethylheptyl)phenyl) cyclohexan-1-ol)
(SY) cis-3-(2-hydroxy-4-(1,1-dimethylheptyl)phenyl)-cyclohexan-1-ol)
(SY) CP-47,497
(SY) CP 47497
(SY) 3-(4-(1,1-dimethylheptyl)-2-hydroxyphenyl) cyclohexanol
(HM) *CYCLOHEXANOLS
(PA) ANALGESICS
(II) CANNABINOIDS
(NO) cannabimimetic agent; structure given in first source

CP 48810 see fanetizole

CP-48,810 see fanetizole

CP 49952 see sultamicillin

CP 49,952 see sultamicillin

CP 530
(RN) 85987-45-7
(SY) CP-530
(HM) *PEPTIDES
(NO) MW 2300 synthetic cationic amino acid copolymer with a molar ratio of lysine, leucine, tryptophan, phenylalanine of 11:2:1:1

CP-530 see CP 530

CP-59430 see CP 59430

CP 59430
(RN) 86329-06-8
(SY) CP-59,430
(SY) 2-(4-(4-azidobenzoyl)piperazin-1-yl)-4-amino-6,7-dimethoxyquinazoline
(SY) CP-59430
(HM) *AZIDES
(HM) *QUINAZOLINES
(II) AFFINITY LABELS
(NO) azide analog of prazosin; structure given in first source

CP-59,430 see CP 59430

CP 65526 see CP 65,526

CP 65,526
(SY) CP-65,526
(SY) 2-[4-(4-azido-3-iodobenzoyl)piperazin-1-yl]-4-amino-6,7-dimethoxyquinazoline
(SY) CP 65526
(HM) *QUINAZOLINES
(HM) *AZIDES
(II) AFFINITY LABELS

CP-65,526 see CP 65,526

CP-804S see tibalosin

CP 804-S see tibalosin

CQMM see N,N-dideethylchloroquine

C-quens see ovosiston

CQ 32084
(RN) 64795-23-9
(RR) 72782-54-8 (mono-HCl)
(SY) CQ-32084
(HM) *ERGOLINES
(NO) RN given refers to parent cpd; CQ 32084 is synonomous to HCl; structure given in first source

CQ-32084 see CQ 32084

CQ 32085
(RN) 64795-35-3
(RR) 72786-12-0 (mono-HCl)
(SY) CU 32-085
(SY) mesulergine
(SY) CU-32085
(HM) *ERGOLINES
(PA) ANTIPARKINSON AGENTS
(NO) RN given refers to parent cpd; CU 32-085 is synonymous to mono-HCl; metabolized into dopaminergic agonists; structure given in first source

crab protease see serine proteinases

crabrolin
(SY) Phe-Leu-Pro-Leu-Ile-Leu-Arg-Lys-Ile-Val-Thr-Ala-LeuNH2
(HM) *WASP VENOMS
(NO) tridecapeptide from venom of hornet Vespa crabro; releases histamine from rat peritoneal mast cells

CrADP see chromium adenosine diphosphate

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crambin
(HM) *PLANT PROTEINS
(NO) 44 amino acid, molecular weight 5000, water-insoluble protein found in the seed of the plant Crambe abyssinica

Cranioplast see methylmethacrylate

Cr(a) antigen see Cromer antigen

crataemon
(RN) 11118-73-3
(HM) *BIOFLAVONOIDS
(NO) mixture of flavonoids isolated from leaves of Crataegus minogina

CrATP see chromium adenosine triphosphate

Cr(H2O)4 ATP see chromium adenosine triphosphate

craviten
(RN) 55769-64-7
(RR) 55769-64-7 (di-HCl(S-(R*,R*))-isomer)
(RR) 55769-71-6 (di-HCl(R-(R*,R*))-isomer)
(RR) 55769-67-0 (maleate[1:2] salt(S-(R*,R*))-isomer)
(SY) M-71
(SY) (2S,2'S)N,N'-dimethyl-N,N'-bis(1-(3',4',5'-trimethoxybenzoyloxy)-butyl-2)-ethylenediamine dihydrochloride
(SY) Benzoic acid, 3,4,5-trimethoxy-, 1,2-ethanediylbis((methylimino)(2-ethyl-2,1- ethanediyl)) ester, (S-(R*,R*))-
(HM) *ETHYLENEDIAMINES
(PA) ANTI-ARRHYTHMIA AGENTS
(NO) RN given refers to (S-(R*,R*))-isomer; RN for cpd without isomeric designation not in Chemline 5/84; structure given in first source

CRBP (II) see retinol-binding protein (type 2)

CRD 9499 see FMC 23509

creatinase
(RN) EC 3.5.3.3
(RR) 37340-58-2 (CRN)
(SY) creatine amidinohydrolase
(SY) creatineamidinohydrolase
(HM) *UREOHYDROLASES

creatineamidinohydrolase see creatinase

creatine amidinohydrolase see creatinase

creatine kinase conversion factor see carboxypeptidase K

creatininase
(RN) EC 3.5.2.10
(RR) 9025-13-2 (CRN)
(SY) creatinine amidohydrolase
(SY) creatinine hydrolase
(HM) *AMIDOHYDROLASES

creatinine amidohydrolase see creatininase

creatinine deiminase
(RN) EC 3.5.4.21
(SY) creatinine iminohydrolase
(HM) *AMINOHYDROLASES
(NO) enzyme sometimes called creatininase, do not confuse with EC 3.5.2.10

creatinine hydrolase see creatininase

creatinine iminohydrolase see creatinine deiminase

creatinolfosfat see creatinol phosphate

creatinol phosphate
(RN) 6903-79-3
(RR) 78697-59-3 (Mg[2:1]salt)
(SY) N-(2-hydroxyethyl)-N-methylguanidine dihydrogen phosphate
(SY) creatinol-O-phosphate
(SY) creatinolfosfat
(SY) aplodan
(HM) CREATINE/*analogs
(NO) minor descriptor (75-85); on-line & Index Medicus search CREATINE/AA (75-85); RN given refers to parent cpd

creatinol-O-phosphate see creatinol phosphate

c1q receptors see complement 1 q receptor

C3b receptors see complement 3b receptor

C3d receptors see complement 3d receptor

C5a receptors see complement 5a receptor

C3d receptor type 2 see complement 3d receptor

c1 q receptor see complement 1 q receptor

c1q receptor see complement 1 q receptor

C 3 receptor see complement 3 receptor

C3 receptor see complement 3 receptor

C3a receptor see complement 3 receptor

C3b receptor see complement 3b receptor

C 3b receptor see complement 3b receptor

C3b-C4b receptor see complement 3b receptor

C3d receptor see complement 3d receptor

C3e receptor see complement 3 receptor

cremophor
(RN) 39279-69-1
(RR) 39404-31-4 (cremophor O(beta)-isomer)
(RR) 39453-25-3 (cremophor AP)
(RR) 57126-57-5 (cremophor RH 40/60)
(RR) 62886-94-6 (cremophor RH 40)
(RR) 69522-49-2 (cremophor WO-CE 5070)
(HM) *POLYETHYLENE GLYCOLS
(II) SOLVENTS
(NO) RN given refers to cpd with unknown MF; see also records for cremophor EL & cremophor A

cremophor A see polethylene glycol monostearate

cremophore EL see cremophor EL

cremophor EL
(RN) 63393-92-0
(SY) cremophore EL
(HM) GLYCERIN/*analogs
(II) SOLVENTS
(II) SURFACE-ACTIVE AGENTS
(NO) solvent for Althesin & Propanidid implicated as possible cause of similar adverse effects polyethoxylated castor oil; RN given refers to cpd with unknown MF; see also records for cremophor & cremophor A

creolin
(RN) 12751-04-1
(HM) *COAL TAR
(II) DISINFECTANTS
(II) SURFACE-ACTIVE AGENTS
(NO) from refined coal tar oils

Cre recombinase
(RN) EC 2.7.7.-
(SY) bacteriophage P1 recombinase Cre
(HM) *DNA NUCLEOTIDYLTRANSFERASES
(NO) mediates site-specific recombination between lox P sites

Cre recombinase protein see gene proteins, viral

cresatin
(RN) 122-46-3
(SY) metacresyl acetate
(HM) *CRESOLS

cresidine
(RN) 120-71-8
(SY) p-cresidine
(SY) para-cresidine
(SY) 3-amino-4-methoxytoluene
(HM) *ANILINE COMPOUNDS
(NO) structure

p-cresidine see cresidine

o-cresol see 2-cresol

p-cresol see 4-cresol

p-cresol methylhydroxylase see p-cresol oxidoreductase

p-cresol oxidoreductase
(RN) EC 1.14.-
(SY) p-cresol methylhydroxylase
(SY) flavochrome p-cresol methylhydrolase
(HM) *HYDROXYLASES
(NO) catalyses hydroxylation of methyl group

cresolphthalein complexone see 2-cresolphthalexon

o-cresolphthalexon see 2-cresolphthalexon

2-cresolphthalexon
(RN) 2411-89-4
(RR) 62698-54-8 (tetra-Na salt)
(SY) cresolphthalein complexone
(SY) o-cresolphthalexon
(SY) ortho-cresolphthalexon
(HM) *PHENOLPHTHALEINS
(II) CHELATING AGENTS
(NO) RN given refers to parent cpd

m-cresol purple see 3-cresol purple

3-cresol purple
(RN) 2303-01-7
(RR) 67763-22-8 (mono-Na salt)
(SY) m-cresol purple
(SY) m-cresolsulfonphthalein
(HM) *PHENOLSULFONPHTHALEIN/analogs
(II) CHROMOGENIC COMPOUNDS
(NO) RN given refers to parent cpd; stucture given in first source

Cresol red
(RN) 1733-12-6
(RR) 62625-29-0 (mono-Na salt)
(SY) o-cresolsulfonphthalein
(HM) *PHENOLSULFONPHTHALEIN/analogs
(NO) RN given refers to parent cpd; structure

m-cresolsulfonphthalein see 3-cresol purple

o-cresolsulfonphthalein see Cresol red

2-cresol
(RN) 95-48-7
(RR) 4549-72-8 (Na salt)
(RR) 67674-51-5 (NH4 salt)
(RR) 3235-09-4 (K salt)
(SY) ortho-cresol
(SY) o-cresol
(HM) *CRESOLS
(NO) RN given refers to parent cpd

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3-cresol
(RN) 108-39-4
(RR) 3019-89-4 (Na salt)
(RR) 84260-67-3 (Ca salt[1:2])
(SY) meta-cresol
(HM) *CRESOLS
(NO) RN given refers to parent cpd

4-cresol
(RN) 106-44-5
(RR) 1121-70-6 (Na salt)
(RR) 72269-62-6 (Al salt)
(RR) 1192-96-7 (K salt)
(SY) para-cresol
(SY) p-cresol
(HM) *CRESOLS
(NO) RN given refers to parent cpd

2-(o-cresyl)-4H-1-3-2-benzodioxaphosphorin-2-oxide see 2-(2-cresyl)-4H-1-3-2-benzodioxaphosphorin-2-oxide

2-(2-cresyl)-4H-1-3-2-benzodioxaphosphorin-2-oxide
(RN) 1222-87-3
(SY) CBDP
(SY) 2-(o-cresyl)-4H-1-3-2-benzodioxaphosphorin-2-oxide
(HM) *ORGANOPHOSPHORUS COMPOUNDS
(NO) cyclic metabolite of tri-o-cresyl phosphate; synergist for cholinesterase inhibitors

cresyl blue see Brilliant Cresyl Blue

cresyl fast violet see nile blue

cresyl glycidyl ether
(RN) 2186-24-5
(RR) 26447-14-3 (unspecified methyl position)
(RR) 66527-94-4 ((+-)-isomer)
(HM) *CRESOLS
(HM) *EPOXY COMPOUNDS
(NO) RN given refers to cpd without isomeric designation; structure given in first source

cresyl violet
(RN) 18472-89-4
(RR) 38660-34-3 (acetate)
(RR) 54947-26-1 (mono-nitrate)
(RR) 52659-20-8 (mono-perchlorate)
(RR) 54578-45-9 (nitrate)
(RR) 41830-80-2 (mono-perchlorate)
(HM) *OXAZINES
(II) DYES
(NO) RN given refers to chloride; parent cpd not in Chemline 7/12/83

cresyl violet acetate
(RN) 10510-54-0
(RR) 41830-80-2 (mono-perchlorate)
(HM) *OXAZINES
(II) STAINS AND STAINING
(NO) see also record for cresyl violet

CRF receptors see corticotropin releasing hormone receptor

CRH, Nle(21)-iodo-Tyr(32)-
(SY) CRH, 21-norleucine-iodo-32-tyrosine-
(SY) 21-norleucine-iodo-32-tyrosine-corticotropin releasing hormone
(SY) NIT-CRH
(SY) Nle(21)-I(125)-Tyr(32)-CRF
(HM) *CORTICOTROPIN RELEASING HORMONE

CRH, 21-norleucine-iodo-32-tyrosine- see CRH, Nle(21)-iodo-Tyr(32)-

CRH receptor see corticotropin releasing hormone receptor

crimidine
(RN) 535-89-7
(SY) castrix
(HM) *PYRIMIDINES
(PA) RODENTICIDES
(NO) structure

crinia-angiotensin
(RN) 72007-47-7
(SY) Ala-Pro-Gly-(Ile(3),Val(5))-angiotensin II
(SY) angiotensin II, Ala-Pro-Gly-3-Ile-5-Val-
(HM) *ANGIOTENSINS
(NO) angiotensin II-like undecapeptide from skin of Australian frog Crinia georgiana

crinofizin
(SY) pinealine
(SY) polypeptide pineal extract
(HM) *PEPTIDES
(II) PINEAL BODY
(NO) pineal peptide extract with clinical use

crinohermal
(SY) crinohermal fem
(HM) *PREGNADIENETRIOLS
(HM) *ESTRADIOL
(HM) *ICHTHAMMOL
(HM) DRUG COMBINATIONS
(II) HAIR PREPARATIONS
(NO) combination of fluprednidene-21-acetate, estradiol & ichthammol in alcohol solution

crinohermal fem see crinohermal

CR irritant see dibenz(b,f)(1,4)oxazepine

CRL extract see Catharanthus roseus Linn. extract

CRL-40028 see CRL 40028

CRL 40028
(RN) 63547-13-7
(SY) benzhydrylsulfinylacetohydroxamic acid
(SY) CRL-40028
(SY) adrafinil
(HM) *HYDROXAMIC ACIDS
(NO) induces hyperactivity

CRL 40827
(SY) CRL-40827
(HM) *ADRENERGIC BETA RECEPTOR AGONISTS
(NO) no other info available 3/19/84

CRL-40827 see CRL 40827

CRM-197 see CRM197

CRM 197 see CRM197

CRM197
(SY) cross reacting material 197
(SY) CRM 197
(SY) CRM-197
(HM) *BACTERIAL PROTEINS
(II) CROSS REACTIONS
(NO) serologically identical to & same molecular size as diphtheria toxoid; produced by a mutant of Corynebacterium diphtheriae

CRM 45 see CRM45

CRM-45 see CRM45

CRM45
(SY) cross reacting material 45
(SY) CRM-45
(SY) CRM 45
(HM) *BACTERIAL PROTEINS
(II) CROSS REACTIONS
(NO) 45,000-dalton protein of mutated tox gene from diphtheria toxin

CRM 66
(SY) CRM-66
(HM) *BACTERIAL PROTEINS
(II) PSEUDOMONAS AERUGINOSA
(II) BACTERIAL VACCINES
(NO) protein from mutant strain of P. aeruginosa with reduced toxicity

CRM-66 see CRM 66

cRNA see complementary RNA

crocetin
(RN) 27876-94-4
(RR) 64603-92-5 (unspecified Na salt)
(HM) *CAROTENOIDS
(NO) increases oxygen diffusion in plasma; RN given refers to parent cpd; structure

crocidolite
(RN) 12001-28-4
(RR) 61105-31-5 (cpd with MF [Fe2Mg3Na2(SiO3)8])
(RR) 53799-46-5 (cpd with MF [Fe5Na2(SiO3)8])
(HM) *ASBESTOS
(NO) lavender, acid resistant asbestos; RN given refers to cpd with unknown MF

Cromer antigen
(SY) Cr(a) antigen
(HM) *BLOOD GROUPS

cromolyn binding protein
(SY) disodium cromoglycate binding protein
(HM) *CARRIER PROTEINS
(II) DISODIUM CROMOGLYCATE

cronassial
(HM) *GANGLIOSIDES
(NO) mixture of gangliosides extracted & purified from bovine brain cortex

croneton
(RN) 29973-13-5
(HM) *CARBAMATES
(PA) INSECTICIDES, CARBAMATE
(II) AIR POLLUTANTS
(NO) structure

CROP
(HM) CYTARABINE
(HM) DAUNORUBICIN
(HM) VINCRISTINE
(HM) PREDNISOLONE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy regime using above cpds; do not confuse with CROP which contains cyclophosphamide, rubidazone, vincristine & prednisone

cro protein see lambda repressor

S-S cross-linking enzyme see sulfhydryl oxidase

cross reacting material 197 see CRM197

cross reacting material 45 see CRM45

crotalase
(RN) EC 3.4.21.30
(HM) *PEPTIDE PEPTIDOHYDROLASES
(II) CROTALID VENOMS
(NO) serine protease from venom of eastern diamondback rattlesnake, Crotalus adamanteus

crotalid hemorrhagic factor A
(SY) NHFa
(SY) neuwiedi hemorrhagic factor A
(HM) *CROTALID VENOMS
(NO) isolated from venom of Bothrops neuwiedi (jaraca pintada); consists of single polypeptide chains with MF 46,000; hydrolyzes casein

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crotalid hemorrhagic factor B
(SY) NHFb
(SY) neuwiedi hemorrhagic factor B
(HM) *CROTALID VENOMS
(NO) isolated from venom of Bothrops neuwiedi (jararaca pintada); consists of single polypeptide chains with MF 58,000; hydrolyzes casein

Crotalid hemorrhagic principles see hemorrhagin components (Crotalid)

Crotalid hemorrhagic toxin f see hemorrhagic toxin f (Crotalid)

Crotalus atrox metalloproteinase
(RN) EC 3.4.24.1
(SY) Crotalus atrox protease
(SY) hemorrhagic proteinase (Crotalus)
(HM) *PEPTIDE PEPTIDOHYDROLASES
(II) CROTALID VENOMS

Crotalus atrox protease see Crotalus atrox metalloproteinase

crotamine
(RN) 58740-15-1
(RR) 59537-33-6 (former CAS registry number)
(HM) *CROTALID VENOMS
(NO) polypeptide basic toxin isolated from venom of rattlesnake Crotalus durrisus terrificus

crotamiton
(RN) 483-63-6
(SY) Eurax
(HM) *TOLUIDINES
(NO) antiscabies, antipruritic drug; active ingredient in Eurax Cream & Lotion (Geigy); request from searcher 3/76; structure

crotarbital
(RN) 1952-67-6
(RR) 2933-25-7 (Na salt)
(RR) 28360-89-6 ((E)-isomer)
(SY) 5-ethyl-5-crotylbarbituric acid
(SY) krotylbarbital
(SY) crotylbarbital
(SY) calypnon
(HM) *BUTABARBITAL/analogs
(PA) HYPNOTICS AND SEDATIVES
(NO) RN given refers to parent cpd without isomeric designation

crotmadine
(HM) *BENZOPYRANS
(II) PLANTS, MEDICINAL
(NO) isolated from Crotalaria madurensis; structure given in first source

crotmarine
(HM) *BENZOPYRANS
(II) PLANTS, MEDICINAL
(NO) isolated from Crotalaria madurensis; structure given in first source

crotonaldehyde see 2-butenal

croton factor F1
(RN) 53202-98-5
(SY)
12-O-hexadecanoyl-16-hydroxyphorbol-13-acetate
(HM) *PHORBOL ESTERS
(II) ENZYME INDUCTION
(NO) induces ornithine decarboxylase activity; structure given in first source

crotonic acid betaine
(RN) 927-89-9
(RR) 6778-30-9 (inner salt(E)-isomer)
(SY) crotonobetaine
(HM) BETAINE/*analogs
(NO) RN given refers to inner salt without isomeric designation

crotonobetaine see crotonic acid betaine

crotonolactone see butenolide

1-((4-(2-(crotonylamino)ethyl)phenyl) sulfonyl)-3-cyclohexyl-2-iminoimidazolidine
(RN) 85337-29-7
(RR) 85390-06-3 ((E)-isomer)
(SY) 1-CAPSI
(SY) CGP 11,112
(SY) CGP-11112
(HM) *IMIDAZOLES
(PA) HYPOGLYCEMIC AGENTS
(NO) RN & structure from first source; RN given refers to parent cpd without isomeric designation

crotonyl-CoA see crotonyl-coenzyme A

crotonyl CoA see crotonyl-coenzyme A

crotonyl-coenzyme A
(RN) 992-67-6
(SY) crotonyl CoA
(SY) crotonyl-CoA
(HM) *ACYL COENZYME A

2-crotonyloxymethyl-(4R,5R,6R)-4,5,6-trihydroxycyclohex- 2-enone
(RN) 62532-49-4
(RR) 57449-30-6 ((3R-(3alpha,4alpha,5alpha))-isomer)
(HM) *CYCLOHEXANONES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) glyoxalase I inhibitor from culture broth of Streptomyces griseosporeus; RN given refers to (3R-(1(E),3alpha,4alpha,5alpha))-isomer; RN for cpd without isomeric designation not in Chemline 5/84

crotoxyphos
(RN) 7700-17-6
(SY) Ciodrin
(SY) alpha-methylbenzyl 3-(dimethoxyphosphinyloxy)-cis-crotonate
(HM) *ORGANOPHOSPHORUS COMPOUNDS
(PA) INSECTICIDES, ORGANOPHOSPHATE
(NO) structure

crotylbarbital see crotarbital

crown compounds
(SY) crown ethers
(HM) *ETHERS, CYCLIC

crown ethers see crown compounds

crown lactone I
(RN) 92772-42-4
(HM) *ETHERS, CYCLIC
(PA) ANTI-ARRHYTHMIA AGENTS
(NO) structure given in first source

15-crown-5
(RN) 33100-27-5
(HM) *ETHERS, CYCLIC

18-crown-6
(RN) 17455-13-9
(HM) *ETHERS, CYCLIC

Cr-protoporphyrin see chromium protoporphyrin IX

CR3 receptor see complement 3b receptor

crustacean erythrophore concentrating hormone see red pigment-concentrating hormone

crustacean hyperglycemic hormone see hyperglycemic hormone, crustacean

crustacyanins
(SY) alpha-crustacyanin
(HM) *PROTEINS
(II) PIGMENTS
(NO) group of carotenoid-containing proteins isolated from lobster carapace

cryoagglutinins see cold agglutinins

cryofibrinogen
(HM) *FIBRINOGEN
(HM) *CRYOGLOBULINS
(NO) cold-precipitable abnormal fibrinogen complex; contains fibrin; found in association with malignancy or thromboembolic disease

cryogenine
(RN) 5286-10-2
(RR) 10306-13-1 ((10alpha)-isomer)
(HM) *ALKALOIDS
(NO) extract from Heimia salicifolia; do not confuse with pharmaceutical preparation of same name; RN given refers to cpd without isomeric designation

cryoglobulin M
(SY) cryo-IgM
(HM) *IGM
(II) CRYOGLOBULINS

cryo-IgM see cryoglobulin M

cryomycin
(RN) 37306-12-0
(HM) *ANTIBIOTICS
(NO) antibiotic isolated from Streptomyces griseus, subsp psychrophilus produced only at low temperature

cryoprecipitate coagulum
(HM) *FACTOR VIII
(HM) *FIBRINOGEN
(NO) fraction of plasma recovered by centrifugation when fresh frozen plasma is thawed at -4C; contains factor VIII & fibrinogen in high concentration

cryorenin see prorenin

Cryosthesia -30 C
(HM) *FREONS
(NO) spray refrigerant containing fluorinated-chlorinated hydrocarbon blend for facial dermabrasion

cryptand 222 see cryptating agent 222

cryptating agent 222
(RN) 23978-09-8
(SY) Kryptofix 222
(SY) A-(222)
(SY) cryptand 222
(HM) *BICYCLO COMPOUNDS
(II) CHELATING AGENTS
(NO) forms ligands with metal cations; structure

cryptococcal polysaccharide
(HM) *POLYSACCHARIDES
(II) CRYPTOCOCCUS NEOFORMANS

cryptolepine
(RN) 480-26-2
(RR) 72782-09-3 (mono-HCl)
(HM) *ALKALOIDS
(PA) ADRENERGIC ALPHA RECEPTOR BLOCKADERS
(NO) RN given refers to parent cpd; structure

Cryptomonas phycoerythrin-545 see phycoerythrin 545

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cryptopleurine
(RN) 482-22-4
(RR) 23365-52-8 ((+-)-isomer)
(HM) *ALKALOIDS
(PA) ANTIMETABOLITES
(NO) plant bark alkaloid shown to inhibit protein synthesis; RN given refers to (R)-isomer; RN for cpd without isomeric designation not in Chemline 5/84; structure

cryptotanshinone
(RN) 35825-57-1
(HM) *PHENANTHRENES
(PA) ANTI-INFECTIVE AGENTS
(II) PLANT EXTRACTS
(NO) from Salvia miltiorrhiza

cryptoxanthin
(RN) 472-70-8
(SY) beta-caroten-3-ol
(HM) CAROTENE/*analogs

crystalloid
(HM) *PLASMA SUBSTITUTES
(NO) noncolloid substance which in solution readily passes through cell membranes; used for re-expansion of contracted blood volume

crystalloid cardioplegic solution see potassium cardioplegic solution

crystallomycin see amphomycin

crystal protein see Bacillus thuringiensis crystal protein

crystal-8
(HM) *PLANT EXTRACTS
(PA) ANALGESICS
(PA) PARASYMPATHOLYTICS
(II) PLANTS, MEDICINAL
(NO) extract from root or stem of Zanthoxylum nitidum

crystepin T
(RN) 90155-20-7
(SY) trimecryton
(HM) *DIHYDROERGOCRISTINE
(HM) *CHLORTHALIDONE
(HM) *TRIMEPRANOL
(HM) DRUG COMBINATIONS
(PA) ANTIHYPERTENSIVE AGENTS
(NO) antihypertensive drug consisting of above cpds

CR-121 see Cleregil

CR 121 see Cleregil

CR-39 see CR 39

CR 39
(RN) 25656-90-0
(SY) poly(diethylene glycol diallyl carbonate)
(SY) CR-39
(HM) *POLYETHYLENE GLYCOLS
(II) PLASTICS
(NO) plastic used as a charged particle detector for superimposed autoradiography tissue images

CR 605 see tiropramide

CS-Act see cerebroside sulfatase activator

CSA decarboxylase see cysteine sulphinate decarboxylase

CsCl see cesium chloride

C4 (sex limited protein) see Slp protein

CSF receptor see colony-stimulating factor receptor

CSGAG see chondroitin sulfate glycosaminoglycan

CSIB see cartilage sulfation inhibitors

C6SLMeI see
2-(N-methyl-N-(2,2,6,6-tetramethylpiperidinooxyl)) ethyl 4-hexyloxybenzoate

C4-Slp see Slp protein

C2SL see
2-(N-methyl-(2,2,6,6-tetramethylpiperidinooxyl))ethyl 4-ethoxybenzoate

C6SL see
2-(N-methyl-N-(2,2,6,6-tetramethylpiperidinooxyl)) ethyl 4-hexyloxybenzoate

CSP-glycoprotein see chondroitin sulfate proteoglycan core glycoprotein

C27-steroid 26-hydroxylase see cholestanetriol 26-monooxygenase

CS 1170 see cefmetazole

CS 1246
(SY) CS-1246
(SY) 5-ethyl-1-aza-3,7-dioxabicyclo-3.3.0-octane
(HM) *BICYCLO COMPOUNDS
(NO) cutting oil preservative; structure given in first source

CS-1246 see CS 1246

CS-263 see
N-n-propyl-7-hydroxyoctahydrobenzo(f)quinoline

CS-265 see
N-n-propyl-7-hydroxyoctahydrobenzo(f)quinoline

CS-359 see bucumolol

CS 359 see bucumolol

CS 370 see cloxazolam

CS 386 see CS-386

CS-386
(RN) 31868-18-5
(SY) 10-chloro-2,3,7,11b-tetrahydro-3-methyl-11b-(2-chlorophenyl)oxazolo(3,2-d)(1,4)benzodiazepin-6 (5H)-one
(SY) CS 386
(HM) *BENZODIAZEPINONES
(PA) BENZODIAZEPINE TRANQUILIZERS

CS 430
(RN) 59128-97-1
(SY) CS-430
(SY) haloxazolam
(HM) *BENZODIAZEPINONES
(PA) BENZODIAZEPINE TRANQUILIZERS
(NO) structure

CS-430 see CS 430

CS 500 see compactin

CS 600 see loxoprofen

CS-600 see loxoprofen

CS 611 see CS-611

CS-611
(RN) 62052-97-5
(SY) 8-tert-butyl-7,8-dihydro-5-methyl-6H-pyrrolo(3,2-e)(1,2,4)triazolo(1,5-a)pyrimidine
(SY) bumepidil
(SY) CS 611
(HM) *PYRIMIDINES
(PA) VASODILATOR AGENTS

CT
(HM) CYTARABINE
(HM) THIOGUANINE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy regime using above cpds

CTAB see cetrimonium

CTAOH see cetrimonium

CTAP see connective tissue-activating peptide

C-terminal hexapeptide-pancreatic polypeptide see pancreatic polypeptide hexapeptide

c-terminal parathyroid hormone see carboxyl-terminal parathyroid hormone

c-terminal PTH see carboxyl-terminal parathyroid hormone

C-terminal sauvagine(17-40) see sauvagine(17-40)

C1-tetrahydrofolate synthase see formyl-methenyl-methylenetetrahydrofolate synthetase

5-CTGU see 5 beta-cholestane-3 alpha,7 alpha,12 alpha,25-tetrol- 3 alpha-glucuronide

C1-THF synthase see formyl-methenyl-methylenetetrahydrofolate synthetase

cTMP see cyclic 3',5'-thymidine monophosphate

CTPase
(RN) EC 3.6.1.-
(SY) cytidine triphosphatase
(SY) cytosine triphosphatase
(HM) *PHOSPHATASES

CTP(ATP)-tRNA nucleotidyltransferase see tRNA nucleotidyltransferase

CTP-phosphatidic acid cytidylyltransferase see phosphatidate cytidylyltransferase

CTP phosphocholine cytidylyl- transferase see cholinephosphate cytidylyltransferase

CTP-phosphoethanolamine cytidylyltransferase see ethanolaminephosphate cytidylyltransferase

CTP phosphorylcholine cytidyltransferase see cholinephosphate cytidylyltransferase

CTP synthetase
(RN) EC 6.3.4.2
(RR) 9023-56-7 (CRN)
(SY) UTP-ammonia ligase(ADP)
(SY) cytidine triphosphate synthetase
(HM) *LIGASES

4-CTT see 4-chloro-alpha,alpha,alpha-trifluorotoluene

Cu-aspirinate see tetrakis-mu-acetylsalicylato-dicopper(II)

Cu ATP see copper adenosine triphosphate

CuATP see copper adenosine triphosphate

9-CUA see 11-(9-carbazolyl)undecanoic acid

CuBPC see copper(II) bis(phenylbutazone) complex

Cu-Chl-Na see chlorophyllin

CuCl2 see cupric chloride

cucoline see sinomenine

cuculine see sinomenine

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cucumarioside
(RN) 74434-21-2
(RR) 11076-24-7 (cucumarioside C)
(RR) 72175-67-8 (cucuarioside B)
(RR) 72175-68-9 (cucumarioside D)
(RR) 72175-69-0 (cucumarioside E1)
(RR) 70726-49-7 (cucumarioside G)
(SY) cucumarioside C
(HM) *TRITERPENES
(II) HOLOTHURIN
(II) SEA CUCUMBERS
(NO) triterpene glycosides from Cucumaria (sea cucumbers); RN given refers to cpd with unknown MF

cucumarioside C see cucumarioside

cucumisin
(RN) EC 3.4.21.25
(RR) 82062-89-3 (CRN)
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) a serine proteinase from melon; sensitive to diisopropylfluorophosphate

cucurbitacin B
(RN) 6199-67-3
(HM) *TRITERPENES
(NO) from Ipomopsis aggregata (Polemoniaceae); structure given in first source

cucurbitacin D
(RN) 3877-86-9
(SY) elatericin A
(HM) *TRITERPENES
(NO) toxic constituent in edible gourd; see also records for cucurbitacins & specific cucurbitacins

cucurbitacin I
(RN) 2222-07-3
(SY) elatericin B
(HM) *TRITERPENES
(NO) toxic constituent in edible gourd; see also records for cucurbitacins & specific cucurbitacins

cucurbitacins
(HM) *TRITERPENES
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(NO) see also records for specific cucurbitacins

cucurbitine
(RN) 6807-92-7
(RR) 80546-88-9 ((+-)-isomer)
(HM) *AMINO ACIDS
(PA) ANTISCHISTOSOMAL AGENTS
(NO) active ingredient from pumpkin seeds; should not be confused with cucurbitin (globulin); RN given refers to (R)-isomer; RN for cpd without isomeric designation not in Cheline 5/84; structure

CuDIPS see copper bis(3,5-diisopropylsalicylate)

Cu2(heme b)2 see bis((heme b)copper)protein

Cu(2)(heme b)(2) see bis((heme b)copper)protein

Cu(II) 3,5-diisopropylsalicylate see copper bis(3,5-diisopropylsalicylate)

cui xing an
(RN) 79611-85-1
(HM) *ALKALOIDS
(PA) MIOTICS
(NO) structure given in first source

cumene
(RN) 98-82-8
(SY) cumol
(HM) *BENZENE DERIVATIVES

cumene hydroperoxide
(RN) 80-15-9
(RR) 20013-63-2 (Na salt)
(SY) isopropyl benzene hydroperoxide
(SY) cumylhydroperoxide
(SY) cumyl hydroperoxide
(HM) *BENZENE DERIVATIVES
(NO) RN given refers to parent cpd

cumol see cumene

cumopyran see cyclocumarol

cumopyrin see cyclocumarol

cUMP see cyclic 3',5'-uridine monophosphate

cumylhydroperoxide see cumene hydroperoxide

cumyl hydroperoxide see cumene hydroperoxide

Cu(1)(ophen)2 see bis(1,10-phenanthroline)copper(1+) ion

Cu(Phen)2 see bis(1,10-phenanthroline)copper(2+) ion

cuprammonium cellulose
(RN) 9050-09-3
(SY) cuprophane
(HM) CELLULOSE/*analogs
(II) MEMBRANES, ARTIFICIAL

cupreidine see 6'-hydroxycinchonidine

cupresol
(SY) 5-hydroxy-6-oxasugiol
(HM) *DITERPENES
(II) PLANTS, MEDICINAL
(NO) from Cupressus goveniana var. abramasiana; structure given in first source

cupric acetate
(RN) 142-71-2
(HM) *COPPER

cupric aspirin complex see tetrakis-mu-acetylsalicylato-dicopper(II)

cupric bis(3,5-diisopropylsalicylate) see copper bis(3,5-diisopropylsalicylate)

cupric chloride
(RN) 7447-39-4
(RR) 35121-64-3 (64Cu-labeled cpd)
(RR) 10125-13-0 (dihydrate)
(RR) 1344-67-8 (unspecified copper chloride)
(RR) 14639-83-9 (eriochalcite [CuCl2.2H2O])
(RR) 15948-54-6 (dihydrate 2H-labeled cpd)
(SY) CuCl2
(HM) *COPPER
(NO) RN given refers to unlabeled parent cpd

cupric di(1,10-phenanthroline) see bis(1,10-phenanthroline)copper(2+) ion

cupric ferrocyanide
(RN) 13601-13-3
(SY) Hatchett's brown
(SY) copper ferrocyanide
(HM) *FERROCYANIDES
(II) STAINS AND STAINING

cupric glycinate
(RN) 13479-54-4
(RR) 10170-99-7 ((SP-4-1)-isomer)
(SY) copper glycinate
(SY) bis(glycinato)copper(II)
(SY) copper(II) bisglycinate
(HM) *GLYCINE
(HM) *COPPER
(NO) RN given refers to cpd without isomeric designation

cupric oxide
(RN) 1317-38-0
(SY) copper oxide (CuO)
(HM) *COPPER

cupric sulfate see copper sulfate

cupric sulfide
(RN) 1317-40-4
(RR) 53241-11-5 (cpd with unspecified MF)
(SY) covellite
(SY) CuS
(HM) *COPPER

cuprimyxin see copper myxin

cuprolinic blue see copper phthalocyanine

cupromeronic blue see copper phthalocyanine

cuprophane see cuprammonium cellulose

cuprous bis(3,5-diisopropylsalicylate) see copper bis(3,5-diisopropylsalicylate)

cuprous chloride
(RN) 7758-89-6
(RR) 15697-17-3 (Cu(+1) cpd)
(RR) 54913-19-8 (63Cu,1-(37)Cl-labeled cpd)
(RR) 54913-18-7 (65Cu,1-(35)Cl-labeled cpd)
(RR) 54913-20-1 (65Cu,1-(37)Cl-labeled cpd)
(SY) copper(I) chloride
(HM) *COPPER
(NO) RN given refers to unlabeled cpd

cuprous ion
(RN) 17493-86-6
(HM) *COPPER
(NO) RN given refers to Cu(1+)

cuprous oxide
(RN) 1317-39-1
(SY) Perenox
(HM) *COPPER
(PA) FUNGICIDES, INDUSTRIAL
(NO) structure

Curacron see profenofos

curarine
(RN) 6880-94-0
(RR) 22260-42-0 ((1'alpha)-isomer)
(RR) 79523-85-6 (dichloride(1beta)-isomer)
(RR) 76786-15-7 (diiodide(1'alpha)-isomer)
(RR) 51568-72-0 (chloride iodide)
(RR) 35460-88-9 (dichloride(1beta)-(+-)-isomer)
(RR) 32451-98-2 (diiodide)
(RR) 26057-50-1 (diiodide(1beta)-(+-)-isomer)
(RR) 17807-74-8 ((1beta)-isomer)
(RR) 16202-76-9 (diiodide(1beta)-isomer)
(RR) 6533-76-2 (dichloride)
(RR) 1398-92-1 (dichloride(1'alpha)-isomer)
(RR) 477-45-2 (dihydroxide)
(SY) 7',12'-dihydroxy-6,6'-dimethoxy-2,2,2',2'-tetramethyltubocuraranium
(HM) TUBOCURARINE/*analogs
(NO) RN given refers to parent cpd without isomeric designation

curcumol
(RN) 4871-97-0
(HM) *SESQUITERPENES
(II) PLANT EXTRACTS
(II) OILS, VOLATILE
(NO) from volatile oil of curcuma aromatica; structure

curdlan
(RN) 54724-00-4
(HM) *GLUCANS
(II) POLYSACCHARIDES, BACTERIAL
(NO) bacterial beta 1-3 glucan with similar structure to paramylon

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curium dioxide see curium oxide

curium-244 dioxide see curium oxide

curium oxide
(RN) 12016-67-0
(RR) 60457-94-5 (cpd with MF [(242)CmO2])
(RR) 12314-15-7 (cpd with MF [(244)CmO2])
(RR) 35366-06-4 (248Cm-labeled cpd)
(RR) 39310-40-2 (244Cm-labeled cpd with unknown MF)
(RR) 12643-21-9 (cpd with unknown MF)
(RR) 12526-35-1 (cpd with MF [(244)Cm2O3])
(RR) 12371-27-6 (cpd with MF [Cm2O3])
(SY) curium-244 dioxide
(SY) curium oxidepsy
(SY) curium (244) oxide
(SY) curium dioxide
(HM) *CURIUM
(NO) RN given refers to unlabeled cpd with MF CmO2

curium oxidepsy see curium oxide

curium (244) oxide see curium oxide

curromycin A
(HM) OXAZOLES
(PA) ANTIBIOTICS
(NO) from a genetically modified strain of Streptomyces hygroscopicus; structure given in first source

curvularin
(RN) 10140-70-2
(HM) *ZEARALENONE/analogs
(NO) from Penicillium Baradicum Baghdadi; structure

CuS see cupric sulfide

cusacyanin see plantacyanin

CuSAO2 see bis(salicylaldoximato)copper(II)

Cu(TAAB) see copper tetrabenzo(b,f,j,n)-1,5,9,13-tetraazacyclohexadecine

Cu-thionein see copper thionein

(Cu(I)(thiourea)3)Cl see copper(I)-tris(thiourea

cutin
(RN) 54990-88-4
(HM) *MEMBRANE LIPIDS
(NO) Cutin is meshwork of polymerized cross-esterified hydroxy fatty acids found in plant cuticles

cutinase
(RN) EC 3.1.1.-
(SY) cutinase I
(SY) cutinase II
(HM) *CARBOXYLESTERASES
(NO) hydrolyzes cutin, which contains mostly ester bonds, possible some peroxide bridges & ether linkages

cutinase I see cutinase

cutinase II see cutinase

cutrine-plus
(RN) 66555-33-7
(HM) *COPPER
(HM) *AMINO ALCOHOLS
(PA) HERBICIDES
(NO) algicide containing copper alkanolamine complex

CU-32085 see CQ 32085

CU 32-085 see CQ 32085

CV
(HM) CYCLOPHOSPHAMIDE
(HM) VINCRISTINE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

CVAP-B
(SY) CVAP-Bleo
(HM) CYCLOPHOSPHAMIDE
(HM) TENIPOSIDE
(HM) CYTARABINE
(HM) PREDNISOLONE
(HM) BLEOMYCINS
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above 5 cpds

CVAP-Bleo see CVAP-B

CVB
(HM) CISPLATIN
(HM) VINDESINE
(HM) BLEOMYCINS
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of cisplatin, vindesine & bleomycin

CVE nuclease see cobra venom endonuclease

C-VPA see CHOP

CVPP
(HM) VINBLASTINE
(HM) PROCARBAZINE
(HM) PREDNISONE
(HM) LOMUSTINE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

CVPP I
(HM) CYCLOPHOSPHAMIDE
(HM) VINBLASTINE
(HM) PROCARBAZINE
(HM) PREDNISONE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds; used in treatment of Hodgkin's disease

CVP protocol
(SY) VCP
(SY) COP
(HM) CYCLOPHOSPHAMIDE
(HM) VINCRISTINE
(HM) PREDNISONE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds; do not confuse with VCP regimen which contains prednisolone in place of prednisone

CV-1808 see 2-phenylaminoadenosine

CV 1808 see 2-phenylaminoadenosine

CV 2619
(RN) 58186-27-9
(SY) CV-2619
(SY) idebenone
(HM) *QUINONES

CV-2619 see CV 2619

CV 3988
(RN) 85703-73-7
(SY) CV-3988
(SY) 3-(N-n-octadecylcarbamoyloxy)-2-methoxypropyl-2-thiazolinium ethyl phosphate
(HM) *THIAZOLES
(PA) PLATELET ACTIVATING FACTOR/antag
(NO) structure given in first source

CV-3988 see CV 3988

CV 4151
(SY) CV-4151
(HM) THROMBOXANE SYNTHETASE/*antag
(NO) specific thromboxane A2 synthetase inhibitor; no other info available 6/85

CV-4151 see CV 4151

CV 664 see CV-664

CV-664
(RN) 33876-97-0
(RR) 16142-27-1 (mono-HCl)
(SY) 3-morpholinosydnonimine.HCl
(SY) SIN-1
(SY) CV 664
(HM) *SYDNONES
(PA) ANTIHYPERTENSIVE AGENTS
(NO) RN given refers to parent cpd; structure

N-CWS see cell wall skeleton, Nocardia

CWS-1 see cell wall skeleton

CXPTA see Wy 14643

cyacetacide
(RN) 140-87-4
(SY) cyazide
(SY) cyacetazide
(SY) cyanazide
(SY) dictycide
(HM) *HYDRAZINES
(PA) ANTITUBERCULAR AGENTS
(NO) structure

cyacetazide see cyacetacide

cyacrin
(RN) 25067-30-5
(RR) 66676-86-6 (pasresin)
(SY) pasresin A
(SY) MK-7
(SY) MK 7
(SY) MK-8
(SY) MK-9
(SY) MK-2
(HM) *CYANOACRYLATES
(II) TISSUE ADHESIVES
(II) PIT AND FISSURE SEALANTS
(NO) used for hemostasis in rectal surgery; russian drug; see also record for pasresin B

cyacrine see ethyl 2-cyanoacrylate

cyadox
(RN) 55884-46-0
(SY) 2-formylquinoxaline-1,4-dioxide cyanoacetylhydrazone
(HM) QUINOXALINES
(PA) ANTIBIOTICS
(NO) structure

CyAIDS see cyclosporin-like substance

cyalum
(SY) cyalume
(HM) *PHTHALIC ACIDS
(HM) *HYDROGEN PEROXIDE
(II) FLUORESCENT DYES
(NO) chemilucent material containing dilute hydrogen peroxide in dimethyl phthalate tert-butyl alcohol solution; thin glass ampule enclosed within plastic wand containing an oxalic acid ester & a fluorescer in dibutyl phthalate; mixing of solutions initiates instantaneous chem reaction that emits yellow-green light; demonstrates patency of lacrimal ducts

cyalume see cyalum

cyamemazine
(RN) 3546-03-0
(RR) 56343-97-6 (mono-HCl)
(SY) cyamepromazine
(SY) 10-(3-dimethylamino-2-methylpropyl) phenothiazine-2-carbonitrile
(HM) *PHENOTHIAZINES
(PA) PHENOTHIAZINE TRANQUILIZERS
(NO) RN given refers to parent cpd; structure

cyamepromazine see cyamemazine

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cyanatryn
(RN) 21689-84-9
(HM) *TRIAZINES
(PA) HERBICIDES, TRIAZINE
(NO) triazine herbicide for control of aquatic weeds

cyanazide see cyacetacide

cyanazine
(RN) 21725-46-2
(SY) bladex 80W
(SY) 2-chloro-4-(1-cyano-1-methylethylamino)-6-ethylamino-s-triazine
(HM) *TRIAZINES
(PA) HERBICIDES, TRIAZINE
(NO) structure

2-(2-cyanaziridinyl-(1))-2-(2-carbamoylaziridinyl-(1)) propane see BM 12531

cyan-desipramine see Ro 12-5419

cyanein see brefeldin A

cyanhemoglobin
(SY) hemoglobin cyanide
(SY) cyanohemoglobin
(HM) *HEMOGLOBINS
(NO) used as control in hemoglobinometry

cyanidin chloride 3-rhamnoglucoside see keracyanin

cyanine dye 9 see quinaldine blue

cyanine green G base
(RN) 128-80-3
(SY) D.C. Green No. 6
(SY) 1,4-di-4-toluidinoanthraquinone
(SY) solvent green 3
(HM) *ANTHRAQUINONES
(II) DYES

cyanine 863
(RN) 550-15-2
(SY) 1-ethyl-2-((1,4-dimethyl-2-phenyl-6-pyrimidinylidene)methyl)quinolinium chloride
(HM) *QUINOLINIUM COMPOUNDS
(II) DYES

cyaninoside chloride see keracyanin

cyanmethemoglobin
(SY) cyano methemoglobin
(SY) ferricyanohemoglobin
(SY) cyanoferrihemoglobin
(HM) METHEMOGLOBIN/*analogs
(NO) synthesized model of methemoglobin for structure study

2-cyan-1-((2-methoxy-6-methylpyridin-3-yl)methyl) aziridine see BM 41,332

cyanoacetamide see 2-cyanoacetamide

2-cyanoacetamide
(RN) 107-91-5
(SY) 2-cyanoacetamide
(SY) cyanoacetamide
(HM) *NITRILES
(II) FLUORESCENT DYES
(NO) used in fluorimetric labeling of monosaccharides; structure

2-cyanoacetamide see 2-cyanoacetamide

cyanoacetic acid
(RN) 372-09-8
(RR) 13550-80-6 (Cu(+2) salt)
(HM) *ACETIC ACIDS
(NO) RN given refers to parent cpd; structure

cyanoacrylate glue MK 6 see MK 6 cyanoacrylate

3-cyanoalanine
(RN) 923-01-3
(RR) 6232-19-5 ((L)-isomer)
(RR) 6232-20-8 ((D)-isomer)
(SY) beta-cyano-L-alanine
(SY) beta-cyano-D-alanine
(HM) ALANINE/*analogs
(II) TOXINS
(II) NEUROTOXINS
(NO) RN given refers to cpd without isomeric designation

S-cyanocalmodulin
(SY) C(13)-cyanocalmodulin
(HM) CALMODULIN/*analogs

cyanocobalamin receptor see vitamin B12 receptor

cyanocycline A see cyanonaphthyridinomycin

4-cyano-N,N-dimethylaniline
(RN) 1197-19-9
(SY) para-cyano-N,N-dimethylaniline
(HM) *ANILINE COMPOUNDS

2-cyanoethanol see hydracrylonitrile

2-cyano-N-((ethylamino)carbonyl)-2-(methoxyimino) acetamide see DPX 3217

cyanoethyl dimethyldithiocarbamate
(RN) 10264-38-7
(SY) CEDDTC
(HM) *THIOCARBAMATES
(NO) structure given in first source

2-cyanoethylene oxide
(RN) 4538-51-6
(SY) glycidonitrile
(HM) ETHYLENE OXIDE/*analogs
(NO) acrylonitrile metabolite; structure in first source

N-(2-cyanoethylene)urea see BA 1

6-(4-(N-2-cyanoethyl-N-methylamino) phenylazo)benzothiazole
(RN) 92887-88-2
(SY) CNEt6BT
(HM) *AZO COMPOUNDS
(HM) *THIAZOLES
(PA) CARCINOGENS
(NO) structure given in first source

N-2-cyanoethyltranylcypromine
(SY) CE-TCP
(HM) TRANYLCYPROMINE/*analogs

2-cyanoethylurea
(RN) 6640-70-6
(SY) (2-cyanoethyl)urea
(SY) BA1-4
(HM) UREA/*analogs
(NO) immunopotentiator

(2-cyanoethyl)urea see 2-cyanoethylurea

cyanofenphos see cyanophenphos

cyanoferrihemoglobin see cyanmethemoglobin

cyanoferrimyoglobin see cyanometmyoglobin

cyanogen
(RN) 2074-87-5
(HM) *NITRILES
(NO) structure

cyanogenic glycosides
(HM) *GLYCOSIDES
(NO) glycosidic derivatives of alpha-hydroxynitriles

cyanoguanidine see dicyandiamido

(3-cyanoguanidino)methylmercury see panogen 15

cyanohemoglobin see cyanhemoglobin

2-cyano-4-(2-hydroxy-3-(2-bromoacetamido-1,1-dimethylethylamino)propoxy)indole see N-(bromoacetylamino)cyanopindolol

cyano-3-hydroxycinnamic acid see alpha-cyano-3-hydroxycinnamate

3-cyanoimipramine see Ro 11-2465

3-cyano-imipramine see Ro 11-2465

cyano methemoglobin see cyanmethemoglobin

((2-cyano-3-(methylamino)phenyl)oxoacetate see Wy-41,195

((2-cyano-3-(methylamino)phenyl)oxoacetic acid sodium salt see Wy-41,195

((2-cyano-3-(methylamino)phenyl)oxoacetic acid see Wy-41,195

N(10)-(cyanomethyl)-5,8-dideazafolic acid
(RN) 80015-09-4
(SY) 5,8-dideaza-N(10)-cyanomethylfolic acid
(HM) *QUINAZOLINES
(PA) FOLIC ACID ANTAGONISTS
(PA) ANTINEOPLASTIC AGENTS
(NO) RN & structure from first source

2-cyano-3-(6-methylergolin-8 beta-yl) propionamide
(RN) 74627-35-3
(SY) 2-CMEBP
(SY) ergoline 3355-1057
(SY) 6-methyl-8-(2-cyano)propionamidoergoline
(HM) *ERGOLINES
(PA) ANTIHYPERTENSIVE AGENTS
(NO) RN given refers to (8beta)-isomer; structure given in first source

1-cyano-1-methylethyl beta-D-glucoside see linamarin

cyanometmyoglobin
(SY) cyanoferrimyoglobin
(SY) met-cyanomyoglobin
(SY) metmyoglobin cyanide
(HM) *METMYOGLOBIN/analogs
(NO) myoglobin in which the ferrous ion has been oxidized to ferric ion by a cyanide compound

cyanonaphthyridinomycin
(RN) 82423-05-0
(SY) 4,6-Methano-5H-benz(h)oxazolo(3,2-a)pyrazino(3,2,1-de)(1,5)naphthyridine-7-carbonitrile, 1,2,3a,4,4a,6,7,9,10,13,13b,13c-dodecahydro-9-(hydroxymethyl)-11-methoxy-5,12-dimethyl-10,13-dioxo-
(SY) cyanocycline A
(HM) NAPHTHYRIDINES
(PA) ANTIBIOTICS
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) derivative of naphthyridinomycin

3-(4-cyano-2-oxobutylideneamino)-2-oxazolidinone
(SY) COBAO
(HM) FURAZOLIDONE/*analogs
(NO) reductive metabolite of furazolidone

N-(2-((3-(2-cyanophenoxy)-2-hydroxypropyl)amino)ethyl)-4-hydroxyphenylacetamide see ICI 141,292

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cyanophenphos
(RN) 13067-93-1
(RR) 62421-62-9 ((+-)-isomer)
(RR) 62421-61-8 ((-)-isomer)
(SY) cyanofenphos
(SY) surecide
(SY) O-ethyl O-(4-cyanophenyl)phenylphosphonothioate
(SY) S-4087
(SY) O-p-cyanophenyl O-ethyl phenylphosphonothioate
(HM) *ORGANOTHIOPHOSPHORUS COMPOUNDS
(II) NEUROTOXINS
(NO) RN given refers to cpd without isomeric designation

O-p-cyanophenyl O-ethyl phenylphosphonothioate see cyanophenphos

2-cyano-3-(1-phenylindol-3-yl)acrylate
(SY) alpha-cyano-beta-(1-phenylindol-3-yl)acrylate
(SY) 2-CPIYA
(HM) *ACRYLATES
(NO) inhibits pyruvate transport into mitochondria

3-(4-(3-cyanophenylmethoxy)phenyl)-5-(methoxymethyl)-2-oxazolidinone see MD780515

cyanophycin
(HM) *PLANT PROTEINS
(NO) from cyanobacterium Aphanocapsa 6308

(125)I-cyanopindolol see iodocyanopindolol

2-cyanoprogesterone
(HM) PROGESTERONE/*analogs
(PA) STEROID ISOMERASES/antag
(NO) structure given in first source

N-cyano-N'-4-pyridinyl-N-oxide-N"-(1,2,2-trimethylpropyl)guanidine see pinacidil pyridine N-oxide

N"-cyano-N-4-pyridyl-N'-1,2,2- trimethylpropylguanidine, monohydrate see pinacidil

21-cyanosaframycin B see saframycin A

cyanuric acid
(RN) 108-80-5
(RR) 2624-17-1 (mono-Na salt)
(RR) 3047-33-4 (tri-Na salt)
(RR) 10210-94-3 (K salt)
(RR) 15193-46-1 (mono-K salt)
(RR) 32487-24-4 (Na salt)
(RR) 36452-21-8 (di-Na salt)
(RR) 40580-20-9 (NH3Cu(+2) salt)
(SY) s-triazine-2,4,6-triol
(HM) *TRIAZINES
(NO) RN given refers to parent cpd

cyanuric chloride
(RN) 108-77-0
(SY) cyanuryl chloride
(SY) s-triazine trichloride
(SY) trichloro-s-triazine
(SY) 1,3,5-trichlorotriazine
(HM) *TRIAZINES
(II) CROSS-LINKING REAGENTS

cyanuryl chloride see cyanuric chloride

cyazide see cyacetacide

cybernins
(HM) *NERVE TISSUE PROTEINS
(II) HORMONES
(II) CHALONES
(II) SEX HORMONES
(NO) hormone-related peptide substances secreted by ovarian peptidergic neurons; modulate ovarian effects of gonadotropins

cyclabil see cyklabil

cyclam
(RN) 295-37-4
(RR) 52695-18-8 (di-HI)
(RR) 52724-80-8 (diperchlorate)
(RR) 52695-17-7 (mono-HBr)
(HM) *HETEROCYCLIC COMPOUNDS
(NO) RN given refers to parent cpd; structure given in first source

cyclamate see cyclamic acid

cyclamic acid
(RN) 100-88-9
(RR) 64011-64-9 (Ba salt)
(RR) 7758-04-5 (K salt)
(RR) 5897-16-5 (Ca[2:1] salt dihydrate)
(RR) 139-06-0 (Ca[2:1] salt)
(RR) 139-05-9 (Na salt)
(SY) cyclamate
(SY) cyclohexylsulfamic acid
(SY) sucaryl
(SY) sodium cyclamate
(HM) *CYCLAMATES
(II) SWEETENING AGENTS
(NO) RN given refers to parent cpd

cyclamidomycin see pyracrimycin A

CYCL AMP BP see adenosine cyclic 3',5'-monophosphate binding proteins

cyclaradine see carbocyclic arabinosyladenine

cyclaradine-5'-methoxyacetate
(RN) 81566-77-0
(HM) VIDARABINE/*analogs
(PA) ANTIVIRAL AGENTS
(NO) used in treatment of herpes simplex encephalitis; structure in first source

cyclazeine see guanacline

cycl DPG see cyclic-2,3-diphosphoglycerate

cycleanine
(RN) 518-94-5
(HM) *ALKALOIDS
(PA) ANTIHYPERTENSIVE AGENTS
(NO) isolated from Chinese herb Stephania epigeae Lu; used for controlled blood pressure during anesthesia; structure given in first source

cycleanine dimethobromide see dimethylcycleanine

cycleate see cycloate

cyclen
(RN) 294-90-6
(SY) 1,4,7,10-tetraazacyclododecane
(HM) *HETEROCYCLIC COMPOUNDS
(II) CHELATING AGENTS
(NO) macrocyclic polyamine metal-complexing agent; structure given in first source

cycletanide
(RN) 87520-10-3
(RR) 89943-82-8 (duplicate RN)
(SY) BN 1270
(SY) BN-1270
(SY) cicletanide
(SY) 1,3-dihydro-6-methyl-7-hydroxy-3-(4-chlorophenyl)furo(3,4-d)pyridine
(HM) *DIURETICS
(NO) no other info available 6/13/83

cyclic adenosine-5'-trimetaphosphate
(RN) 53355-60-5
(SY) CATMP
(SY) monoadenosine 5'-trimetaphosphate
(SY) Adenosine, 5'-O-(4,6-dihydroxy-1,3,5,2,4,6-trioxotriphosphorinan-2-yl)-, P,P',P"-trioxide
(SY) Adenosine, 5'-O-(4,6-dihydroxy-1,3,5,2,4,6-trioxaariphosphorinan-2-yl)-, P,P',P"-trioxide
(SY) adenosine-5'-trimetaphosphate
(SY) ATMP
(HM) ADENOSINE CYCLIC MONOPHOSPHATE/*analogs
(NO) structure given in first source

cyclic AMP-adenosine binding protein see adenosine cyclic 3',5'-monophosphate binding proteins

cyclic-AMP-binding protein see adenosine cyclic 3',5'-monophosphate binding proteins

cyclic AMP binding proteins see adenosine cyclic 3',5'-monophosphate binding proteins

cyclic AMP 4,5-dimethoxy-2-nitrobenzyl ester see 4,5-dimethoxy-2-nitrobenzyl cyclic AMP

2',3'-cyclic AMP
(RN) 634-01-5
(HM) *ADENOSINE CYCLIC MONOPHOSPHATE
(NO) structure

cyclic APT see adenosine-3',5'-cyclic phosphorothioate

cyclic arabinosyladenine see carbocyclic arabinosyladenine

cyclic 9 beta-D-arabinosyladenine 3',5'-monophosphate
(RN) 32465-18-2
(SY) 9 beta-D-arabinofuranosyladenine cyclic 3',5'-phosphate
(HM) *ARABINOFURANOSYLADENINE MONOPHOSPHATE/analogs
(PA) ANTIVIRAL AGENTS
(PA) ANTINEOPLASTIC AGENTS
(PA) ANTIMETABOLITES
(NO) structure

cyclic CMP phosphodiesterase
(RN) EC 3.1.4.-
(SY) cytosine 3',5'-monophosphate phosphodiesterase
cytidine 3',5'-monophosphate phosphodiesterase
(HM) *PHOSPHODIESTERASES

(cyclic(Cys-Cys-Val-Leu-Ile)cyclic(1-2)-disulfide see malformins

3',5'-cyclic-2'-dAMP see 2'-deoxy cyclic AMP

cyclic-2,3-diphosphoglycerate
(RN) 88280-54-0
(SY) cycl DPG
(HM) *DIPHOSPHOGLYCERIC ACIDS

1,2-cyclic-diphytanylglycerol ether
(SY) MCDPG
(HM) GLYCERIN/*analogs
(II) MEMBRANE LIPIDS
(NO) macrocyclic membrane lipid from thermophilic Archaebacterium, Methanococcus jannaschii; structure given in first source

cyclic DTPA anhydride
(RN) 23911-26-4
(SY) CDTPAA
(SY) DTPA cyclic anhydride
(HM) DTPA/*analogs

cyclic 11,12-erythromycin A carbonate see erythromycin A cyclic 11,12-carbonate

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cyclic GMP-binding protein
(SY) cGMP-binding protein
(SY) cGMP receptors
(HM) *CARRIER PROTEINS
(II) RECEPTORS, ENDOGENOUS SUBSTANCES
(II) GUANOSINE CYCLIC MONOPHOSPHATE

cyclic GMP 4,5-dimethoxy-2-nitrobenzyl ester see 4,5-dimethoxy-2-nitrobenzyl cyclic GMP

1-2-cyclic-inositol-monophosphate phosphodiesterase
(RN) EC 3.1.4.36
(HM) *PHOSPHODIESTERASES

2',3'-cyclic nucleotide 2'-phosphodiesterase
(RN) EC 3.1.4.16
(RR) 9037-18-7 (CRN)
(SY) 2',3'-cyclic nucleotide 2'-phosphohydrolase
(HM) *2',3'-CYCLIC NUCLEOTIDE PHOSPHODIESTERASES
(NO) catalyzes the hydrolysis of the 2'-phosphodiesterase bond to yield nucleoside 3'phosphate

2',3'-cyclic nucleotide 3'-phosphodiesterase
(RN) EC 3.1.4.37
(RR) 60098-35-3 (CRN)
(SY) 2',3'-cyclic nucleotide 3'-phosphohydrolase
(HM) *2',3'-CYCLIC NUCLEOTIDE PHOSPHODIESTERASES
(NO) catalyzes the hydrolysis of the 3'-phosphoesterase bond to yield nucleoside 2'-phosphate

2',3'-cyclic nucleotide 2'-phosphohydrolase see 2',3'-cyclic nucleotide 2'-phosphodiesterase

2',3'-cyclic nucleotide 3'-phosphohydrolase see 2',3'-cyclic nucleotide 3'-phosphodiesterase

cyclic phosphodiesterase regulatory protein, Neurospora see neucrassin

cyclic propylene carbonate see propylene carbonate

cyclic somatostatin
(RN) 38916-34-6
(SY) somatostatin, cyclic
(SY) cyclic somatotropin release inhibiting hormone
(HM) SOMATOSTATIN/*analogs
(NO) RN given is for cyclic (3-14)-disulfide; Chemline has RN for 25 other cyclic somatostatins; first source does not specify cyclic position; RN given above refers to Chemline record which lists synonyms without cyclic position

cyclic somatotropin release inhibiting hormone see cyclic somatostatin

cyclic 3',5'-thymidine monophosphate
(RN) 6453-60-7
(SY) cyclic TMP
(SY) cTMP
(HM) *NUCLEOTIDES, CYCLIC
(HM) *THYMIDINE MONOPHOSPHATE

cyclic TMP see cyclic 3',5'-thymidine monophosphate

cyclic UMP see cyclic 3',5'-uridine monophosphate

cyclic 3',5'-uridine monophosphate
(RN) 4004-57-3
(SY) cyclic UMP
(SY) cUMP
(HM) *NUCLEOTIDES, CYCLIC
(HM) *URIDINE MONOPHOSPHATE

cyclin
(SY) lupus erythematosus nuclear antigen
(SY) proliferating cell nuclear antigen (SLE)
(SY) PCNA
(HM) *NUCLEOPROTEINS
(II) AUTOANTIGENS
(II) LUPUS ERYTHEMATOSUS, SYSTEMIC
(II) ANTIGENS, NEOPLASM
(NO) MW 36,000; may be key component of the pathway(s) that control cell proliferation; found predominantly in tumor tissue

cyclindole
(RN) 32211-97-5
(RR) 32211-98-6 (HCl)
(SY) Win 27,147-2
(SY) 3-(dimethylamino)-1,2,3,4-tetrahydrocarbazole
(SY) 2,3,4,9-tetrahydro-N,N-dimethyl-1H-carbazole-3-amine
(HM) *CARBAZOLES
(PA) ANTIDEPRESSIVE AGENTS, TRICYCLIC
(PA) NEUROLEPTICS
(NO) RN given refers to parent cpd; structure

1,6-cyclo-(1-acetylglutamyl-2-phenylalanyl-3-tryptophanyl-6-lysine-LHRH see LHRH, 1,6-cyclo(Ac-Glu(1)-Phe(2)-Trp(3)-Lys(6)-

1,6-cyclo(Ac-Glu(1)-Phe(2)-Trp(3)-Lys(6)-LHRH see LHRH, 1,6-cyclo(Ac-Glu(1)-Phe(2)-Trp(3)-Lys(6)-

cycloA-CycloCPTLTC see cyclo(aminoheptanoic acid-cyclo(cysteinyl-phenylalanyl-D-tryptophyl-lysyl-threonyl-cysteinyl))

cycloadenosine see aristeromycin

8,5'-cycloadenosine monohydrate see 8,5'-cycloadenosine

8,5'-cycloadenosine
(RN) 62475-47-2
(RR) 41432-67-1 ((6S-(6alpha,7beta,8beta,9beta,10beta))-isomer)
(SY) 8,5'-cycloadenosine monohydrate
(HM) ADENOSINE/*analogs
(NO) RN given refers to (6R-(6alpha,7alpha,8alpha,9alpha,10alpha))-isomer; RN for cpd without isomeric designation not in Chemline 7/13/83

cyclo-(7-Ahep-Phe-Trp-Lys-Thr(Bzl)) see somatostatin, cyclo-(7-Ahep-Phe-Trp-Lys-Thr(Bzl))-

cyclo(7-Ahep-Phe-Trp-Lys-Thr) see cyclo(7-aminoheptanoyl-phenylalanyl-tryptophyl-lysyl-threonyl)

cyclo(Ala-Ala-Aca) see cyclo(alanylalanyl-epsilon-aminocaproyl)

cyclo(L-Ala-D-Ala-Aca) see cyclo(alanylalanyl-epsilon-aminocaproyl)

cyclo(L-Ala-L-Ala-Aca) see cyclo(alanylalanyl-epsilon-aminocaproyl)

cyclo(alanyl-alanyl-epsilon-aminocaproyl) see cyclo(alanylalanyl-epsilon-aminocaproyl)

cyclo(alanylalanyl-epsilon-aminocaproyl)
(SY) cyclo(Ala-Ala-Aca)
(SY) cyclo(L-Ala-L-Ala-Aca)
(SY) cyclo(L-Ala-D-Ala-Aca)
(SY) cyclo(alanyl-alanyl-epsilon-aminocaproyl)
(HM) *PEPTIDES, CYCLIC

cycloamanide A
(RN) 64644-55-9
(SY) cyclo(prolyl-valyl-phenylalanyl-phenylalanyl-alanyl-glycyl)
(SY) cyclo(Pro-Val-Phe-Phe-Ala-Gly)
(HM) *OLIGOPEPTIDES
(NO) from Amanita phalloides

cyclo(aminoheptanoic acid-cyclo(Cys-Phe-D-Trp-Lys-Thr-Cys)) see cyclo(aminoheptanoic acid-cyclo(cysteinyl-phenylalanyl-D-tryptophyl-lysyl-threonyl-cysteinyl))

cyclo(aminoheptanoic acid-cyclo (cysteinyl-phenylalanyl-D-tryptophyl-lysyl-threonyl-cysteinyl))
(RN) 70706-79-5
(SY) cycloA-CycloCPTLTC
(SY) somatostatin, cycloA-cycloCPTLTC
(SY) cyclo(aminoheptanoic acid-cyclo(Cys-Phe-D-Trp- Lys-Thr-Cys))
(HM) SOMATOSTATIN/*analogs
(NO) bicyclic peptide analog of somatostatin containing residues 7-10

cyclo-(7-aminoheptanoyl-phenylalanyl-tryptophyl-lysyl-benzylthreonine) see somatostatin, cyclo-(7-Ahep-Phe-Trp-Lys-Thr(Bzl))-

cyclo(7-aminoheptanoyl-phenylalanyl-tryptophyl-lysyl-threonyl)
(SY) cyclo(7-Ahep-Phe-Trp-Lys-Thr)
(SY) cyclo-APTLT
(HM) SOMATOSTATIN/*analogs
(NO) active short cyclic somatostatin analog

cyclo(2-amino-8-oxo-9,10-epoxydecanoic acid-prolyl-alanyl-alanine) see HC toxin

cycloamylose glucanotransferase see cyclomaltodextrin glucanotransferase

cyclo(Aoe-Pro-Ala-Ala) see HC toxin

cyclo-APTLT see cyclo(7-aminoheptanoyl-phenylalanyl-tryptophyl-lysyl-threonyl)

cycloartenol
(RN) 469-38-5
(SY) cycloarterenol
(HM) *PHYTOSTEROLS
(NO) found in chlorophyll-containing plants; minor descriptor (76-83); on-line & Index Medicus search PHYTOSTEROLS (76-83); RN given refers to (3beta)-isomer; RN for cpd without isomeric designation not in Chemline 8/9/83

cycloarterenol see cycloartenol

cycloate
(RN) 1134-23-2
(SY) Ro-neet
(SY) cycleate
(SY) Roneet
(SY) S-ethyl-N-cyclohexylthiocarbamate
(HM) *THIOCARBAMATES
(PA) HERBICIDES, CARBAMATE

cyclobenzaprine
(RN) 303-53-7
(RR) 6202-23-9 (HCl)
(SY) Flexeril
(SY) Lisseril
(HM) AMITRIPTYLINE/*analogs
(PA) MUSCLE RELAXANTS, CENTRAL
(PA) TRANQUILIZING AGENTS
(PA) ANTIDEPRESSIVE AGENTS, TRICYCLIC
(NO) RN given refers to parent cpd; Lisseril is synonymous for HCl; structure

cyclobilirubin
(SY) cyclobilirubin IX alpha A
(SY) cyclobilirubin IX alpha B
(HM) BILIRUBIN/*analogs
(NO) structure given in first source

cyclobilirubin IX alpha A see cyclobilirubin

cyclobilirubin IX alpha B see cyclobilirubin

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cyclobradykinin
(RN) 3522-46-1
(HM) BRADYKININ/*analogs

cis(1,1-cyclobutane dicarboxylate)diammine platinum II see diammine-1,1-cyclobutane dicarboxylate platinum II

N-(cyclobutylmethyl)-8 beta-methyl-6-methylenemorphinan-3-ol
(RN) 77287-89-9
(SY) N-CBM-MMM
(SY) xorphanol mesylate
(SY) TR 5379
(SY) TR-5379M
(HM) *MORPHINANS
(PA) ANALGESICS
(PA) NARCOTIC ANTAGONISTS
(NO) has potent mixed agonist-antagonist narcotic properties; structure in first source

cyclochlorotine see chloropeptide

24,25-24,26-cyclocholesta-5,22-dien-3 beta-ol see glaucasterol

24,26-cyclocholest-5-en-3-ol see 24,26-cyclocholesterol

24,26-cyclocholesterol
(RN) 84871-07-8
(SY) 24,26-cyclocholest-5-en-3-ol
(HM) CHOLESTEROL/*analogs
(NO) cyclopropyl sterol from sponge Spheciospongia (Spirastrella vagabunda Ridley); structure given in first source

cyclocholine
(RN) 56049-71-9
(SY) choline mustard aziridinium
(SY) 1-methyl-1-(2-hydroxyethyl)aziridinium tosylate
(HM) CHOLINE/*analogs
(PA) NEUROMUSCULAR BLOCKING AGENTS
(NO) structure

cyclocoumarol see cyclocumarol

cyclocreatine
(RN) 35404-50-3
(HM) CREATININE/*analogs
(NO) structure

cyclocreatine phosphate see phosphocyclocreatine

cyclocumarol
(RN) 518-20-7
(RR) 65207-43-4 ((trans)-(+-)-isomer)
(RR) 64754-01-4 ((2R-trans)-isomer)
(RR) 64754-00-3 ((2S-cis)-isomer)
(RR) 64753-99-7 ((2S-trans)-isomer)
(SY) 3,4-dihydro-2-methoxy-2-methyl-4-phenyl-2H,5H-pyrano-(3,2-c)(1)-benzopyran-5-one
(SY) cumopyran
(SY) cumopyrin
(SY) methanopyranorin
(SY) methopyranorin
(SY) cyclocoumarol
(HM) *4-HYDROXYCOUMARINS
(PA) ANTICOAGULANTS
(NO) anticoagulant similar to, but less potent than warfarin; may cause hemorrhage if used indiscriminately; minor descriptor (76-84); on-line search 4-HYDROXYCOUMARINS (76-84); Index Medicus search 4-HYDROXYCOUMARINS (77-84), COUMARINS (76); RN given refers to cpd without isomeric designation

cycloderm see cyclomethasone

cyclo(des-(1-Ala-2-Gly-14-Cys)-3-S-COMe-homo-Cys-amide-8-Trp)somatostatin see somatostatin, cyclo(des-(1-Ala-2-Gly-14-Cys)-3-S-COMe-homo-Cys-amide-8-Trp-)

cyclo(des-(1,2-alanylglycine-14-cysteine)-3-S-carboxymethylhomocysteinamide-8-tryptophyl) somatostatin see somatostatin, cyclo(des-(1-Ala-2-Gly-14-Cys)-3-S-COMe-homo-Cys-amide-8-Trp-)

cyclodextrin glucanotransferase see cyclomaltodextrin glucanotransferase

cyclodextrin glycosyltransferase see cyclomaltodextrin glucanotransferase

cyclodextrin polymer
(HM) *CYCLODEXTRINS
(HM) *CELLULOSE
(II) POLYMERS
(NO) disintegrating agent with some binding capacity; can be used advantageously in direct compression systems as a binder-disintegrant

cyclo-di(alpha-N-acetyl-alpha-hydroxy-L-ornithine) see rhodotorulic acid

cyclo-DVDAVP see vasopressin, 1-(beta mercapto-beta-beta- cyclopentamethylenepropionic acid)-4-Val-8-Arg-

cyclo(N-(epsilon-1)-1-Lys-6-Gly-bradykinin see bradykinin, cyclo(N-(epsilon-1)-1-Lys-6-Gly)-

cyclo(N-(epsilon-1)-1-lysyl-6-glycine bradykinin see bradykinin, cyclo(N-(epsilon-1)-1-Lys-6-Gly)-

cyclo(ethyltyrosylhomoarginyl)
(RN) 85676-05-7
(SY) cyclo(Et-Tyr-Har)
(HM) *PEPTIDES, CYCLIC
(PA) ANALGESICS
(NO) structure given in first source

cyclo(Et-Tyr-Har) see cyclo(ethyltyrosylhomoarginyl)

cycloeucalenol-obtusifol isomerase
(RN) EC 5.3.3.-
(HM) *STEROID ISOMERASES
(NO) opens cyclopropane ring at C9-10 of ring B & forms a double bond between C8 & C9

cyclo(GABA-5-Asn-6,7-Phe-8-Trp-9-Lys-10-Thr-11-Phe) somatostatin see somatostatin, cyclo(GABA-5-Asn-6,7-Phe-8-Trp-9-Lys-10-Thr-11-Phe)-

cyclo(GABA-5-asparaginyl-6,7-phenylalanyl-8-tryptophyl-9-lysly-10-threonyl-11-phenylalanyl) somatostatin see somatostatin, cyclo(GABA-5-Asn-6,7-Phe-8-Trp-9-Lys-10-Thr-11-Phe)-

cyclo-GHGHGHG see cyclo(glycine-histidyl-glycyl-histidyl-glycyl-histidyl-glycyl)

cyclo(Gly-Ala-Val-Leu-Ile) see cyclo(glycyl-alanyl-valyl-leucyl-isoleucyl)

cyclo(glycine-histidyl-glycyl-histidyl-glycyl-histidyl-glycyl)
(RN) 75356-90-0
(SY) cyclo-(Gly-His-Gly-His-Gly-His-Gly)
(SY) cyclo-GHGHGHG
(SY) cyclo(Gly-His-Gly-His-Gly-His-Gly)
(HM) *PEPTIDES, CYCLIC
(NO) mimics zinc-binding site of carbonic anhydrase

cyclo(glycyl-alanyl-valyl-leucyl- isoleucyl)
(RN) 88364-69-6
(SY) cyclo(Gly-Ala-Val-Leu-Ile)
(SY) CGAVLI
(HM) *PEPTIDES, CYCLIC
(NO) model cyclopentapeptide

cyclo(glycyl-delta-sleep-inducing peptide)
(RN) 85758-83-4
(SY) cyclo(Gly-DSIP)
(SY) delta-sleep-inducing-peptide, N-glycyl-, cyclic
(HM) *PEPTIDES, CYCLIC
(NO) RN given refers to DSIP cpd from rabbit

cyclo(Gly-DSIP) see cyclo(glycyl-delta-sleep-inducing peptide)

cyclo(Gly-His-Gly-His-Gly-His-Gly) see cyclo(glycine-histidyl-glycyl-histidyl-glycyl-histidyl-glycyl)

cyclo-(Gly-His-Gly-His-Gly-His-Gly) see cyclo(glycine-histidyl-glycyl-histidyl-glycyl-histidyl-glycyl)

cycloguanil
(RN) 516-21-2
(RR) 152-53-4 (HCl)
(HM) *TRIAZINES
(NO) antifolate drug; RN given refers to parent cpd; structure given in first source

cycloheptaamylose-dansyl chloride complex
(SY) beta-cyclodextrin-dansyl chloride complex
(SY) CHADC
(HM) *DANSYL COMPOUNDS
(HM) *CYCLODEXTRINS
(II) FLUORESCENT DYES
(NO) used to label surface membranes of living ciliates

cyclohexaam see alpha-cyclodextrin

1,4-cyclohexadie 1,4-dicarbamic acid, 2,5-(bis(1-aziridinyl)-3,6-dioxo diethyl ester see NSC 182986

N,N'-2,5-cyclohexadiene-1,4-diylidenebis(1H-pyrrol-1-amine) see azarole

1,3-cyclohexadiene
(RN) 592-57-4
(HM) *CYCLOHEXANES
(NO) structure given in first source

2,4-Cyclohexadien-1-one, 3-(acetyloxy)-6-((3,4-dichlorophenyl)methyl)-6-hydroxy-2-methyl- see ICI 105552

3-(1,4-cyclohexadienyl)-L-alanine see 2,5-dihydrophenylalanine

cyclohexamethylene carbamide
(RN) 25991-86-0
(SY) carboxide
(SY) dihexamethylenecarbamide
(HM) *AZEPINES
(II) INSECT REPELLENTS
(NO) structure

cyclohexaneacetic acid
(RN) 5292-21-7
(SY) cyclohexylacetic acid
(HM) *ACETIC ACIDS
(NO) structure

cyclohexaneacetyl-CoA synthetase
(RN) EC 6.2.1.-
(SY) CA-CoA-synthetase
(HM) *COENZYME A SYNTHETASES

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cyclohexanebutyric acid
(RN) 4441-63-8
(RR) 2218-80-6 (Cu salt)
(RR) 3906-55-6 (Ni salt)
(RR) 35542-88-2 (Mn salt)
(RR) 38582-17-1 (Co salt)
(RR) 38582-18-2 (Zn salt)
(RR) 55700-14-6 (Cd salt)
(RR) 61886-29-1 (Na salt)
(RR) 62637-99-4 (Pb salt)
(RR) 62638-00-0 (Li salt)
(RR) 62638-02-2 (Hg salt)
(RR) 62638-03-3 (K salt)
(RR) 62638-04-4 (Ag salt)
(RR) 62638-05-5 (Sr salt)
(RR) 62669-64-1 (Mg salt)
(RR) 62669-65-2 (Ba salt)
(HM) *BUTYRIC ACIDS
(NO) RN given refers to parent cpd

cyclohexanecarboxylic acid
(RN) 98-89-5
(RR) 50961-15-4 (11C-labeled cpd Na salt)
(RR) 50825-29-1 (Pb salt)
(RR) 25666-60-8 (K salt)
(RR) 7549-42-0 (Ca salt)
(RR) 7445-54-7 (Co salt)
(RR) 136-01-6 (Na salt)
(HM) *CYCLOHEXANECARBOXYLIC ACIDS
(NO) RN given refers to parent cpd

1,2-cyclohexanediamine dinitratoplatinum see NSC 239851

cyclohexanediaminetetraacetic acid see CDTA

cyclohexane diisocyanate
(RN) 2556-36-7
(HM) *CYANATES

1,2-cyclohexanedione bis(4-diethylenoxythiosemicarbazone)
(RN) 88641-27-4
(SY) CHDETS
(HM) *THIOSEMICARBAZONES
(PA) ANTINEOPLASTIC AGENTS
(NO) structure given in first source

1,2-cyclohexanedione
(RN) 765-87-7
(HM) *CYCLOHEXANONES
(NO) structure

1,3-cyclohexanedione
(RN) 504-02-9
(HM) *CYCLOHEXANONES
(NO) structure

cyclohexane hydroxylase
(RN) EC 1.14.99.-
(HM) *HYDROXYLASES
(II) CYTOCHROME P-450

cyclohexanone
(RN) 108-94-1
(HM) *CYCLOHEXANONES

cyclohexanone oxime
(RN) 100-64-1
(HM) *CYCLOHEXANONES

cyclohexene oxide
(RN) 286-20-4
(HM) *CYCLOHEXANES
(NO) inhibitor of epoxide hydrase; structure

2-cyclohexenone see 2-cyclohexen-1-one

2-cyclohexen-1-one
(RN) 930-68-7
(RR) 25512-62-3 (cpd with unspecified locant for double bound)
(RR) 34826-35-2 (ion(1-))
(RR) 38390-27-1 (18O-labeled cpd)
(SY) 2-cyclohexenone
(HM) *CYCLOHEXANONES
(NO) RN given refers to unlabeled cpd with specified locant for double bond

5-(1-cyclohexen-1-yl)-5-methyl-2,4,6(1H,3H,5H)-pyrimidinetrione see norhexobarbital

cyclohexylacetic acid see cyclohexaneacetic acid

cyclohexyl-2-acetoxyethyl-2'-chloroethylamine
(RN) 87489-40-5
(SY) CHACEA
(HM) ACETYLCHOLINE/*analogs
(NO) acetylcholine mustard analog; structure given in first source

N(6)-cyclohexyladenosine
(RN) 36396-99-3
(HM) ADENOSINE/*analogs
(NO) structure given in first source

1,1'-(cyclohexylaminophosphinothioyliden)diaziridine see hexaphosphamide

4-cyclohexylaniline
(RN) 6373-50-8
(SY) 4-cyclohexylphenylamine
(HM) *ANILINE COMPOUNDS
(NO) analgesic activity

N-cyclohexyl-2-benzothiazolesulfenamide see thiohexam

N-((N-cyclohexylcarbamoyl)methyl)piperazine see esaprazole

N-cyclohexyl-N'-(4-dimethylamino-alpha- naphthyl)carbodiimide
(RN) 86332-16-3
(SY) NCD-4
(HM) *CARBODIIMIDES
(II) FLUORESCENT DYES

3-cyclohexyl-6-(dimethylamino)-1-methyl-1,3,5-triazine-2,4(1H,3H)-dione see hexazinone

2-cyclohexyl-1,3-dioxepin-maleic anhydride copolymer
(RN) 89458-63-9
(SY) CDA-MA
(HM) *POLYMERS
(II) ADJUVANTS, IMMUNOLOGIC

2-(2-cyclohexylethylhydrazono)propionic acid
(RN) 70081-94-6
(SY) 2-CHEHPA
(HM) *PROPIONIC ACIDS
(PA) HYPOGLYCEMIC AGENTS

1-cyclohexyl-4-(ethyl(p-methoxy-alpha-methylphenyl) amino)-1-butanone see secoverine

cyclohexylglycyl-alanyl-arginine-4-nitroanilide dihydroacetate see cyclohexylglycyl-alanyl-arginine-4-nitroanilide

cyclohexylglycyl-alanyl-arginine-4-nitroanilide
(RN) o
(SY) CHG-Ala-Arg-pNA
(SY) substrate TH-1
(SY) 2AcOH.H-CHG-Ala-Arg-pNA
(SY) cyclohexylglycyl-alanyl-arginine-4-nitroanilide dihydroacetate
(HM) *OLIGOPEPTIDES
(II) CHROMOGENIC COMPOUNDS
(NO) chromogenic substrate for thrombin

6-cyclohexyl-1-hydroxy-4-methyl-2(1H)-pyridone ethanolamine salt see ciclopirox

(3-cyclohexyl-3-hydroxy-3-phenylpropyl) triethylammonium iodide see tridihexethyl

cyclohexylideneacetyl-CoA hydratase
(RN) EC 4.2.1.-
(SY) CA-CoA-hydratase
(HM) *HYDRO-LYASES
(NO) from Arthrobacter; forms (1-hydroxycyclohexan-1-yl)acetyl-CoA

5-(2-cyclohexylidene-ethyl)-5-ethylbarbiturate
(RN) 22173-64-4
(RR) 41621-03-8 (mono-Na salt)
(SY) CHEB
(HM) *CYCLOBARBITAL/analogs
(PA) ANTICONVULSANTS
(NO) RN given refers to parent cpd

cyclohexylisocyanate
(RN) 3173-53-3
(HM) *CYANATES
(NO) degradation product of 1-(2-chloroethyl)-3-cyclohexyl- 1-nitrosourea; structure

P(1)-(1-cyclohexylmethyl)-P(2)-(1-beta-arabinofuranosylcytosin-5'-yl) pyrophosphate
(RN) 93605-02-8
(SY) ara-CDP 1-cyclohexylmethyl ester
(SY) ACDPCME
(HM) *ARABINONUCLEOTIDES
(PA) ANTINEOPLASTIC AGENTS
(NO) RN & structure given in first source; RN not in Chemline 3/85

N-cyclohexyl-N-methyl-4-(1,2-dihydro- 2-oxo-6-quinolyloxy)butyramide see cilostamide

N-cyclohexylmethyl-N-ethyl-beta-chloroethylamine see GD-131

N-cyclohexyl-N'-(2-methyl-4-quinolinyl)-N'-2-thiazolylguanidine see timegadine

1-cyclohexyl-3-(2-morpholinoethyl)carbodiimide metho-p-toluenesulfonate see 1-cyclohexyl-3-(2-morpholinoethyl)carbodiimide metho-4-toluenesulfonate

1-cyclohexyl-3-(2-morpholinoethyl) carbodiimide metho-4-toluenesulfonate
(RN) 4641-47-8
(SY) metha-p-toluenesulfonate N-cyclohexyl-N'-(2-morpholinyl(4)ethyl)carbodiimide
(SY) MPTSCMEC
(SY) metha-4-toluenesulfonate N-cyclohexyl-N'-(2 (morpholin-4-yl)ethyl)carbodiimide
(SY) 1-cyclohexyl-3-(2-morpholinoethyl)carbodiimide metho-p-toluenesulfonate
(HM) *CME-CARBODIIMIDE/analogs
(II) CROSS-LINKING REAGENTS
(NO) inactivates yeast 3-phosphoglycerate kinase; used to join ATP & insulin

2-(8-cyclohexyloctyl)-3-hydroxy-1,4-naphthoquinone see menoctone

(3-(1-cyclohexylphenoxy)-2-hydroxypropyl) isopropyldimethylammonium chloride see VULM 411

4-cyclohexylphenylamine see 4-cyclohexylaniline

9-cyclohexyl-2-n-propoxy-9H-adenine see BB-1502

N-cyclohexyl-2-pyrrolidone
(RN) 6837-24-7
(HM) *PYRROLIDINONES
(NO) structure given in first source

cyclohexylsulfamic acid see cyclamic acid

6-(4-(1-cyclohexyl-1H-tetrazol-5-yl)butoxy)-3,4-dihydro-2(1H)-quinolinone see cilostazol

3-cyclohexyl-5,6-trimethyleneuracil see lenacil

1-(4-cyclohexylureidophenoxy)-2-hydroxy-3-tert-butylaminopropane see talinolol

cyclo(His-Met) see cyclo(histidylmethionyl)

cyclo(His-Pro) see histidyl-proline diketopiperazine

cyclo(His-Pro) receptor see histidyl-proline diketopiperazine receptor

cyclo(His-Pro) receptors see histidyl-proline diketopiperazine receptor

cyclo(histidylmethionyl)
(SY) cyclo(His-Met)
(HM) *PEPTIDES, CYCLIC

cyclokallidin
(RN) 75690-91-4
(SY) epsilon-cyclokallidin
(HM) KALLIDIN/*analogs
(II) PEPTIDES, CYCLIC

N-cyclo-(leucine(5))enkephalin see enkephalin, N-cyclo-(Leu(5))-

cyclo(leucylglycine)
(RN) 5815-67-8
(RR) 5845-67-0 ((S)-isomer)
(SY) cyclo(Leu-Gly)
(HM) *DIPEPTIDES
(NO) RN given refers to cpd without isomeric designation

cycloleucyl-N-methylalanylglycyl-N-methyl dehydrophenylalanine see tentoxin

N-cyclo-(Leu(5))enkephalin see enkephalin, N-cyclo-(Leu(5))-

cyclo(Leu-Gly) see cyclo(leucylglycine)

cyclo(Lys-Gly) see cyclo(lysylglycyl)

cyclo-(lysylglycine-bradykinin) see bradykinin, cyclo(N-(epsilon-1)-1-Lys-6-Gly)-

cyclo(lysylglycyl)
(SY) cyclo(Lys-Gly)
(HM) *PEPTIDES, CYCLIC
(NO) enhances dopamine neurotransmission

cyclomaltodextrin glucanotransferase
(RN) EC 2.4.1.19
(RR) 9030-09-5 (CRN)
(SY) cyclodextrin glucanotransferase
(SY) Bacillus macerans amylase
(SY) Macerans amylase
(SY) cycloamylose glucanotransferase
(SY) cyclodextrin glycosyltransferase
(HM) *GLUCOSYLTRANSFERASES

cyclomaltohexaose see alpha-cyclodextrin

cyclo(MATTLVP) see cyclo(N-methylalanyl-tyrosyl-tryptophyl-lysyl-valyl-phenylalanyl)

cyclo(N-Me-Ala-Tyr-Trp-Lys-Val-Phe) see cyclo(N-methylalanyl-tyrosyl-tryptophyl-lysyl-valyl-phenylalanyl)

cyclomethasone
(RN) 86022-88-0
(RR) 67372-50-3 ((11beta,16beta)-isomer)
(SY) cycloderm
(HM) *PREGNADIENEDIOLS
(II) GLUCOCORTICOIDS, TOPICAL
(NO) RN given refers to (11beta,16beta,21(trans))-isomer; RN for cpd without isomeric designation not in Chemline 12/8/83; structure

cyclo(N-methylalanyl-tyrosyl-tryptophyl-lysyl-valyl-phenylalanyl)
(RN) 81377-02-8
(SY) cyclo(N-Me-Ala-Tyr-Trp-Lys-Val-Phe)
(SY) cyclo(MATTLVP)
(SY) L 363586
(SY) L-363586
(HM) *OLIGOPEPTIDES
(II) SOMATOSTATIN
(NO) more potent than somatostatin for inhibition of insulin, glucagon & growth hormone release; used experimentally in treatment of Alzheimer's disease

cyclo(N-methyl-Tyr-Arg) see cyclo(N-methyltyrosylarginyl)

cyclo(N-methyltyrosylarginyl)
(RN) 83481-39-4
(RR) 83541-39-3 ((2R-trans)-isomer)
(SY) cyclo(N-MeTyr-Arg)
(SY) cyclo(N-Me-Tyr-Arg)
(SY) cyclo(N-methyl-Tyr-Arg)
(SY) cyclo NMTA
(HM) *PEPTIDES, CYCLIC
(PA) ANALGESICS
(NO) RN given refers to (2S-cis)-isomer; RN for cpd without isomeric designation not in Chemline 11/16/83

cyclo(N-Me-Tyr-Arg) see cyclo(N-methyltyrosylarginyl)

cyclo(N-MeTyr-Arg) see cyclo(N-methyltyrosylarginyl)

cyclomunine
(RN) 75536-73-1
(HM) *PEPTIDES, CYCLIC
(NO) hexacyclodepsipeptide from Fusarium equiseti; has moderate immunopotentiating effect & results in macrophage activation

cyclonicate see ciclonicate

cyclonite
(RN) 121-82-4
(SY) hexogen
(SY) RDX
(SY) cyclotrimethylene trinitramine
(SY) 1,3,5-trinitro-1,3,5-triazacyclohexane
(SY) hexahydro-1,3,5-trinitro-s-triazine
(HM) *TRIAZINES
(PA) RODENTICIDES
(NO) explosive & convulsant; structure

cyclo NMTA see cyclo(N-methyltyrosylarginyl)

cyclooctaamylose
(RN) 17465-86-0
(SY) gamma-cyclodextrins
(SY) gamma-cyclodextrin
(HM) *CYCLODEXTRINS

cyclooctadiene-(2-pyridinalethylimine) rhodamine I
(SY) CPE-Rh
(HM) *ORGANOMETALLIC COMPOUNDS
(HM) *RHODAMINE
(PA) ANTINEOPLASTIC AGENTS
(NO) structure given in first source

cyclooctadiene-(2-pyridinalisopropylimine)rhodamine I
(SY) CPP-Rh
(HM) *ORGANOMETALLIC COMPOUNDS
(HM) *RHODAMINE
(PA) ANTINEOPLASTIC AGENTS
(NO) structure given in first source

cyclooctadiene-(2-pyridinalmethylimine) rhodamine I
(SY) CPM-Rh
(HM) *ORGANOMETALLIC COMPOUNDS
(HM) *RHODAMINE
(PA) ANTINEOPLASTIC AGENTS
(NO) structure given in first source

cyclooctanone
(RN) 502-49-8
(HM) *KETONES

cyclooctylamine
(RN) 5452-37-9
(SY) SK&F 23880A
(HM) *AMINES
(PA) ANTIVIRAL AGENTS
(NO) structure

cyclopamine
(RN) 4449-51-8
(HM) *VERATRUM ALKALOIDS
(NO) teratogen from Veratrum californicum; structure

cyclo-PDPTLTP see cyclo(prolyl-dehydrophenylalanyl-tryptophyl-lysyl-threonyl-phenylalanyl)

cyclopenin
(RN) 20007-87-8
(HM) BENZODIAZEPINONES
(PA) ANTIBIOTICS
(NO) Penicillium metabolite; structure

cyclopenol
(RN) 20007-85-6
(HM) *BENZODIAZEPINONES
(NO) RN given refers to cis-(-)-isomer; RN for parent cpd not in Chemline 3/85

cyclopenta(cd)pyrene 3,4-oxide
(RN) 73473-54-8
(SY) CPP 3,4-oxide
(SY) 3,4-epoxycyclopenta(cd)pyrene
(HM) *PYRENES
(PA) MUTAGENS
(NO) structure given in first source

cyclopentacycloheptene see azulene

cyclopentadienylmanganese tricarbonyl see manganese cyclopentadienyl tricarbonyl

cyclopentane-1,2,3-triol
(RN) 56772-27-1
(HM) *CYCLOPENTANES

cyclopentanone
(RN) 120-92-3
(HM) *CYCLOPENTANES
(NO) structure

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cyclopenta(c,d)pyrene
(RN) 27208-37-3
(SY) cyclopenteno(cd)pyrene
(HM) *PYRENES
(PA) MUTAGENS
(PA) CARCINOGENS
(NO) structure

2-cyclopentenecarboxylic acid see aleprolic acid

2-cyclopentene-1-carboxylic acid see aleprolic acid

cyclopenteno(cd)pyrene see cyclopenta(c,d)pyrene

3-((2,3-cyclopenteno-1-pyridinium)methyl)-7-(2-syn-methoximino-2-(2-aminothiazole-4-yl)acetamido)ceph-3-em-4-carboxylate see HR 810

1-cyclopentylamino)-3-(1-naphtyloxy)-2-propanol see N-cyclopentyldeisopropylpropranolol

N-cyclopentyldeisopropylpropranolol
(RN) 2116-33-8
(SY)
1-cyclopentylamino)-3-(1-naphtyloxy)-2-propanol
(HM) PROPRANOLOL/*analogs
(NO) internal standard used in chromatographic assays for propranolol; RN given refers to HCl; RN for parent cpd not in Chemline 9/85; structure given in first source

(2-cyclopentyl-6,7-dichloro-2-methyl-1-oxo-5-indanyloxy)acetic acid see MK-473

O-cyclopentyl-S-diethylaminoethyl methylphosphonothioate
(RN) 22925-95-7
(RR) 22925-94-6 ((R)-(-)-isomer)
(SY) CDAMP
(HM) *THIOPHOSPHORIC ACID ESTERS
(NO) RN given refers to ((S)-(+))-isomer; RN for cpd without isomeric designation not in Chemline 12/84

N-cyclopentyl-N-(3-((2,2-dimethyl-1-oxopropyl)thio)-2-methyl-1-oxypropyl)glycine see RHC 3659

N-1-cyclopentyl-5-nitro-2,4-pyrimidinedione see N(1)-cyclopentyl-5-nitropyrimidine-2,4-dione

N(1)-cyclopentyl-5-nitropyrimidine-2,4-dione
(SY) C-NO2dUrd
(SY) N-1-cyclopentyl-5-nitro-2,4-pyrimidinedione
(HM) URACIL/*analogs
(NO) carbocyclic analog of 5-nitro-2'-deoxyuridine in which the sugar moiety is replaced by a cyclopentane ring

15-cyclopentyl-omega-pentanor-5(E)-carbacyclin see ONO 41483

3-(((4-cyclopentyl-1-piperazinyl)imino)methyl) rifamycin SV see rifapentine

3-(((4-cyclopentyl-1-piperazinyl)imino)methyl) rifamycin see rifapentine

cyclopentyl sulfamate
(RN) 6053-67-4
(RR) 20504-34-1 (Na salt)
(HM) *CYCLAMATES
(NO) sweetening agent metabolite; RN given refers to parent cpd

cyclo(phenylalanyl-phenylalanyl-tryptophyl-lysyl-threonyl-phenylalanyl) see somatostatin, cyclic hexapeptide(Phe-Phe-Trp-Lys-Thr- Phe)-

cyclo(phenylalanyl-prolyl-glycyl-alanyl-prolyl)
(SY) cyclo(Phe-Pro-Gly-Ala-Pro)
(HM) *PEPTIDES, CYCLIC

cyclo(Phe-Phe-Trp-Lys-Thr-Phe) see somatostatin, cyclic hexapeptide(Phe-Phe-Trp-Lys-Thr- Phe)-

cyclo(Phe-Pro-Gly-Ala-Pro) see cyclo(phenylalanyl-prolyl-glycyl-alanyl-prolyl)

cyclophilin
(HM) *CARRIER PROTEINS
(II) CYCLOSPORINS
(NO) specific cytosolic binding protein for cyclosporin A

cyclophosphamide oxidase
(RN) EC 1.-
(HM) *OXIDOREDUCTASES
(II) CYTOCHROME P-450

cyclopiazonic acid
(RN) 18172-33-3
(HM) *INDOLES
(II) MYCOTOXINS
(NO) structure

cyclo-PPTLTP see cyclo(prolyl-phenylalanyl-tryptophyl-lysyl-threonyl-phenylalanyl)

cyclopren
(RN) 61064-89-9
(SY) (6E)-11-ethoxy-2,3-methyleno-3,7,11-trimethyldodec-6-enoic acid isopropyl ester
(SY) JH-149
(HM) FARNESOL/*analogs
(PA) INSECTICIDES
(II) JUVENILE HORMONES
(NO) structure in first source

cyclo(Pro-CH2S-Phe-Trp-Lys-Thr-Phe) see cyclo(prolyl-thiomethyl-phenylalanyl-tryptophyl-lysyl-threonyl-phenylalanyl)

cyclo(Pro-dehydro-Phe-Trp-Lys-Thr-Phe) see cyclo(prolyl-dehydrophenylalanyl-tryptophyl-lysyl-threonyl-phenylalanyl)

cyclo(prolyl-dehydrophenylalanyl-tryptophyl-lysyl-threonyl-phenylalanyl)
(SY) cyclo(Pro-dehydro-Phe-Trp-Lys-Thr-Phe)
(SY) cyclo-PDPTLTP
(SY) somatostatin, cyclo(Pro-dehydro-Phe-Trp-Lys-Thr- Phe)
(HM) *SOMATOSTATIN
(HM) *PEPTIDE FRAGMENTS
(NO) cyclic hexapeptide model of bioactive somatostatin conformation containing dehydrophenylalanine

cyclo(prolyl-phenylalanyl-tryptophyl-lysyl-threonyl-phenylalanyl)
(SY) cyclo(Pro-Phe-Trp-Lys-Thr-Phe)
(SY) cyclo-PPTLTP
(SY) somatostatin, cyclic hexapeptide (Pro-Phe-Trp-Lys-Thr-Phe)-
(HM) *SOMATOSTATIN
(HM) *PEPTIDE FRAGMENTS
(NO) cyclic hexapeptide model of bioactive somatostatin comformation; structure given in first source

cyclo(prolylsarcosyl)4
(RN) 76710-73-1
(SY) cyclo(Pro-Sar)4
(HM) *OLIGOPEPTIDES
(NO) synthetic cyclic octapeptide

cyclo(prolyl-thiomethyl-phenylalanyl-tryptophyl-lysyl-threonyl-phenylalanyl)
(SY) cyclo(Pro-CH2S-Phe-Trp-Lys-Thr-Phe)
(SY) cyclo-P-TM-PTLTP
(HM) *SOMATOSTATIN
(HM) *PEPTIDE FRAGMENTS
(NO) cyclic pseudohexapeptide analog of somatostatin with a thiomethylene amide bond replacement; structure given in first source

cyclo(prolyl-valyl-phenylalanyl-phenylalanyl-alanyl- glycyl) see cycloamanide A

cyclo(prolyl-valyl-prolyl-valyl)
(SY) cyclo(Pro-Val-Pro-Val)
(HM) *PEPTIDES, CYCLIC

cyclopropane
(RN) 75-19-4
(HM) *CYCLOPROPANES

cyclopropanecarboxylic acid
(RN) 1759-53-1
(HM) *CYCLOPROPANES
(NO) structure

cyclopropane fatty acids
(SY) CP fatty acids
(SY) C(19) cyclopropane acid
(HM) *FATTY ACIDS
(HM) *CYCLOPROPANES
(NO) present as constituents of phospholipids in bacteria

cyclopropane fatty acid synthase see cyclopropane synthetase

cyclopropane hydrate
(RN) 15144-65-7
(SY) cyclopropanone hydrate
(HM) *CYCLOPROPANES
(NO) structure

cyclopropane synthetase
(RN) EC 2.1.1.-
(SY) cyclopropane fatty acid synthase
(SY) CFA synthase
(HM) *METHYLTRANSFERASES
(NO) S-adenosylmethionine + monoenoic fatty acid gives cyclopropane fatty acid

cyclopropanol
(RN) 16545-68-9
(HM) *ETHERS, CYCLIC

cyclopropanone hydrate see cyclopropane hydrate

cyclopropa(c)quinoline
(RN) 21426-40-4
(HM) *QUINOLINES

cyclopropate
(RN) 54460-46-7
(HM) *CYCLOPROPANES
(PA) INSECTICIDES
(NO) miticide; structure

cyclopropene fatty acids
(SY) cyclopropenoid fatty acids
(HM) *FATTY ACIDS, UNSATURATED

cyclopropenoid fatty acids see cyclopropene fatty acids

cyclo(Pro-Phe-Trp-Lys-Thr-Phe) see cyclo(prolyl-phenylalanyl-tryptophyl-lysyl-threonyl-phenylalanyl)

2-cyclopropylamino-4,6-diamino-s-triazine see CGA 72662

N-cyclopropylbenzylamine
(RN) 13324-66-8
(RR) 39959-74-5 (HCl)
(HM) *BENZYLAMINES
(NO) RN given refers to parent cpd

2,2'-cyclopropylenebis(5-methyl-4-benzoquinone)
(RN) 87050-85-9
(SY) 2,2'-CBMB
(HM) *QUINONES
(PA) ALKYLATING AGENTS
(NO) RN & structure given in first source; RN given refers to (trans)-isomer; RN not in Chemline 12/21/83

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1-cyclopropyl-6-fluoro-1,4-dihydro-4-oxo-7-(1-piperazinyl)-3-quinolinecarboxylic acid see ciprofloxacin

N-cyclopropylmelamine see CGA 72662

1-(4-((2-cyclopropylmethoxy)ethoxy)phenoxy)-3-((1-methylethyl)amino)-2-propanol see SL 75177-10

1-(4-(2-cyclopropylmethoxyethyl)phenoxy)-3-isopropyl aminopropan-2-ol see betaxolol

N-(cyclopropylmethyl)-alpha,alpha,alpha-trifluoro-2,6-dinitro-N-propyl-p-toluidine see profluralin

N-cyclopropylmethyl-7,8-dihydro-14-hydroxynorisomorphine see 6 beta-hydroxynaltrexone

L-N-cyclopropylmethyl-3,14-dihydroxymorphinan see oxilorphan

17-(cyclopropylmethyl)-4,5-epoxy-3,14-dihydroxymorphinanium-6-one see methylnaltrexone

3-(cyclopropylmethyl)-1,2,3,4,5,6-hexahydro-6-methyl-3-benzazocin see UM-1046

(+)-3-(cyclopropylmethyl)-8-keto-5-(eq)-9-(ax)-dimethyl-6,7-benzomorphan see ketazocine

N-cyclopropylmethyl-norazido-dihydroisomorphine
(SY) CPMND
(HM) *MORPHINANS
(PA) NARCOTIC ANTAGONISTS
(NO) no other information available 3/14/83

cyclopropylmethylnorazidomorphine
(RN) 56337-94-1
(HM) *MORPHINE DERIVATIVES
(PA) NARCOTIC ANTAGONISTS

N-(cyclopropylmethyl)normorphinone
(RN) 91265-68-8
(RR) 91265-69-9 (perchlorate)
(SY) N-CPMNM
(HM) DIHYDROMORPHINONE/*analogs
(PA) RECEPTORS, ENDORPHIN/antag
(NO) RN & RR given from first source; RN given refers to parent cpd; RN not in Chemline 11/84; structure given in first source

1-cyclopropylmethyl-4-phenyl-6-methoxy-2(1H)-quinazolinone see SL-573

4-(3,5-cyclopropyl)-N-methylpiperidine alpha-hydroxy-alpha-phenylbenzene acetic acid see B 7601

N-((1-cyclopropylmethyl-2-pyrrolidinyl)methyl)-2-methoxy-4-iodo-5-ethylsulfonylbenzamide see iodosulpride

N-((1-cyclopropylmethyl)-2-pyrrolidinyl)methyl)-5-sulfamoyl-o-anisamide see cipropride

4-(cyclopropylmethyl)-3,4,5,6-tetrahydro-2H-1,5-methano-1,4-benzodiazocin-9-amine
(RN) 80770-03-2
(RR) 80770-16-7 ((+)-isomer)
(RR) 80770-12-3 ((-)-isomer
(RR) 95763-82-9 (diazonium sulfate)
(SY) 4-CMMBA
(HM) *AZOCINES
(PA) ANALGESICS
(NO) RN & structure given in first source; RN not in Chemline 7/85; RN given refers to (+-)-isomer; RN for cpd without isomeric designation not available 7/25

1-cycloprop ylmethyl-4-(3-trifluoromethylthio-5H-dibenzo(a,d) cyclohepten-5-ylidene)piperidine
(SY) CPTFTDCP
(HM) CYPROHEPTADINE/*analogs
(NO) structure

2-(2'-cyclopropylphenoxymethyl)imidazoline.HCl see LD 3098

N-cyclopropyl-1,3,5-triazine-2,4,6-triamine see CGA 72662

cyclo(Pro-Sar)4 see cyclo(prolylsarcosyl)4

cyclo(Pro-Val-Phe-Phe-Ala-Gly) see cycloamanide A

cyclo(Pro-Val-Pro-Val) see cyclo(prolyl-valyl-prolyl-valyl)

CycloProvera
(RN) 71615-27-5
(HM) MEDROXYPROGESTERONE/*analogs
(HM) ESTRADIOL/*analogs
(HM) CONTRACEPTIVES, ORAL, COMBINED
(II) CONTRACEPTIVE AGENTS, FEMALE
(NO) contains medroxyprogesterone acetate & estradiol cypionate

cyclort see amcinonide

cyclosil
(RN) 67015-72-9
(SY) tsiklozinadimethylaminoethylphenyl cyclopentane carboxylic acid
(HM) *PHENETHYLAMINES
(PA) PARASYMPATHOLYTICS
(NO) Russian drug

cyclosporin, dihydro-2-valine- see dihydrocyclosporin, Val(2)-

cyclosporin G
(RN) 74[illegible]-03-3
(SY) 7-L-norvaline-cyclosporin A
(HM) *CYCLOSPORINS
(PA) IMMUNOSUPPRESSIVE AGENTS

cyclosporin-like substance
(SY) CyAIDS
(HM) *CYCLOSPORINS
(NO) cyclosporin-like cpd isolated from fungal extracts of monocyte cultures of AIDS patients

cyclosporin, 2-norvaline- see cyclosporin, norVal(2)-

cyclosporin, norVal(2)-
(SY) 2-norvalyl-cyclosporin
(SY) cyclosporin, 2-norvaline-
(SY) 2-norVal-cyclosporin
(HM) *CYCLOSPORINS
(PA) IMMUNOSUPPRESSIVE AGENTS
(NO) similar immunosuppressive actions as cyclosporin, but without nephrotoxic side effects

cyclosporin receptor
(SY) receptor, cyclosporin
(SY) cyclosporin receptors
(HM) *RECEPTORS, IMMUNOLOGICAL
(II) CYCLOSPORINS

cyclosporin receptors see cyclosporin receptor

cycloteriam
(RN) 61356-20-5
(HM) *BENZOTHIADIAZINES
(HM) *TRIAMTERENE
(HM) DRUG COMBINATIONS
(PA) DIURETICS
(NO) contains cyclothiazide & triamterene

cyclothiazide
(RN) 2259-96-3
(HM) *BENZOTHIADIAZINES
(PA) DIURETICS, THIAZIDE
(PA) ANTIHYPERTENSIVE AGENTS
(NO) structure

cyclo-P-TM-PTLTP see cyclo(prolyl-thiomethyl-phenylalanyl-tryptophyl-lysyl-threonyl-phenylalanyl)

cyclotrimethylene trinitramine see cyclonite

cyclotropium
(RN) 82496-87-5
(SY) ciclotropium bromide
(SY) cyclotropium bromide
(HM) *ANTICHOLINERGIC AGENTS
(NO) no other info available 2/84

cyclotropium bromide see cyclotropium

cyclo(Tyr-Arg) see cyclo(tyrosylarginyl)

cyclo-tyrosylarginine see cyclo(tyrosylarginyl)

cyclo(tyrosylarginyl)
(RN) 81205-31-4
(SY) cyclo(Tyr-Arg)
(SY) cyclo-tyrosylarginine
(HM) *PEPTIDES, CYCLIC
(PA) ANALGESICS

cyclo(Val-Pro-Gly)4 see cyclo(valyl-prolylglycyl)4

cyclo(valyl-prolylglycyl)4
(SY) cyclo(Val-Pro-Gly)4
(HM) *PEPTIDES, CYCLIC
(II) ELASTIN
(NO) cyclic tetramer of a repeat tripeptide of elastin

cyclovirobuxine D
(RN) 860-79-7
(HM) *PLANT EXTRACTS
(PA) CARDIOVASCULAR AGENTS
(II) PLANTS, MEDICINAL
(NO) active priciple of Buxus microphylla var. sinica; has anti-arrhythmic & arrhythmia-inducing actions

cis-4-cycloxexene-1,2-dicarboximide see tetrahydrophthalimide

cycloxilic acid see cicloxilic acid

cyclo 3
(HM) *PLANT EXTRACTS
(NO) extract of Ruscus used therapeutically for venous insufficiency in leg

cygnin
(RN) 88747-01-7
(HM) *EGG PROTEINS
(II) EGG WHITE
(II) BIRDS
(NO) low 4,454 MW protein from black swan egg white; complete amino acid sequence given in first source

cyhalothrin
(RN) 68085-85-8
(HM) *PYRETHRINS
(PA) INSECTICIDES
(NO) acaricidal & insecticidal synthetic pyrethroid; structure given in first source

cyheptamide
(RN) 7199-29-3
(HM) *DIBENZOCYCLOHEPTENES
(PA) ANTICONVULSANTS
(NO) structure

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cyhexatin
(RN) 13121-70-5
(SY) tricyclohexyltin hydroxide
(SY) plictran
(HM) *TRIALKYLTIN COMPOUNDS
(PA) INSECTICIDES
(NO) structure

cyklabil
(RN) 65394-89-0
(SY) cyclabil
(HM) ESTRADIOL/*analogs
(HM) *NORGESTREL
(HM) CONTRACEPTIVES, ORAL, COMBINED
(II) MENSTRUATION DISORDERS/drug ther
(NO) combination of estradiol valerate & norgestrel

cylindrin
(SY) hollow cylinder protein complex
(HM) *MEMBRANE PROTEINS
(II) ERYTHROCYTE MEMBRANE
(NO) erythrocyte membrane protein which contains two predominant polypeptide chains of 22,500 & 28,000 MW with smaller quantity of a 25,500 MW band; do not confuse with cylindrin in Chemline, a synonym for isoa horinol methyl ether

cymbush see cypermethrin

p-cymene see 4-cymene

4-cymene
(RN) 99-87-6
(SY) p-cymol
(SY) p-cymene
(HM) *TERPENES
(NO) structure

p-cymol see 4-cymene

cymoxanil see DPX 3217

3-cym-5-yl methylcarbamate see promecarb

m-cym-5-yl methylcarbamate see promecarb

Cyolane see phosfolan

cypermethrin
(RN) 52315-07-8
(SY) NRDC 149
(SY) WL 85871
(SY) WL-85871
(SY) cymbush
(HM) *PYRETHRINS
(PA) INSECTICIDES, BOTANICAL
(NO) structure

cyperquat
(RN) 48134-75-4
(RR) 39794-99-5 (chloride)
(RR) 39795-03-4 (bromide)
(SY) 1-methyl-4-phenylpyridinium ion
(SY) MPP+
(HM) *PYRIDINIUM COMPOUNDS
(PA) HERBICIDES
(NO) structure

cyprazine
(RN) 22936-86-3
(SY) Outfox
(HM) *TRIAZINES
(PA) HERBICIDES, TRIAZINE
(NO) structure

cyprenorphine
(RN) 4406-22-8
(HM) *MORPHINANS
(PA) NARCOTIC ANTAGONISTS
(NO) structure

cyprodemanol see cyprodenate

cyprodenate
(RN) 15585-86-1
(SY) cyprodemanol
(SY) LB 125
(SY) actebral
(HM) *CYCLOHEXANES
(PA) ANALEPTICS
(PA) ANTIDEPRESSIVE AGENTS

cyprosterone acetate see cyproterone acetate

cyproterone acetate
(RN) 52437-31-7
(RR) 427-51-0 ((1beta,2beta)-isomer)
(RR) 34542-28-4 ((1alpha,2alpha,9beta,10alpha)-isomer)
(RR) 57-38-5 ((1alpha,2alpha)-isomer)
(RR) 39789-55-4 ((9beta,10alpha)-isomer)
(SY) cyprosterone acetate
(SY) Androcur
(HM) CYPROTERONE/*analogs
(PA) ANTINEOPLASTIC AGENTS
(PA) ANDROGEN ANTAGONISTS
(II) CONTRACEPTIVE AGENTS, MALE
(NO) antiandrogenic synethtic steroid used to treat precocious puberty; RN given refers to cpd without isomeric designation; structure

Cys(1,8)-ANG II see (1,8-cysteine)angiotensin II

Cys(2)-Cys(5)-enkephalinamide see enkephalinamide, Cys(2)-Cys(5)-

Cys-Gly see cysteinylglycine

(L-Cys-Gly)-NEM see N-ethylmaleimide-cysteinyl-glycine

Cys-homo-Cys-mixed disulfide see cysteinylhomocysteine mixed disulfide

Cys-Lys-Asn-Phe see somatostatin(3-6)

Cys-2MP see cysteine-2-mercaptopyridine

(L-Cys)-NEM see N-ethylmaleimide-cysteine

Cys(2)-Pen(5)-enkephalin see enkephalin, Cys(2)-Pen(5)-

Cys(11,26)-Phe(27),Gly(31)-beta-endorphin see beta-endorphin, Cys(11,26),Phe(27), Gly(31)-

Cys-Phe-Phe-D-Trp-Lys-Thr-Phe-Cys see somatostatin, octapeptide(8-D-Trp)-

Cys-Phe-Phe-D-Trp-Lys-Thr-Phe-D-Cys see somatostatin, octapeptide(8-D-Trp)-

CYSSG see cysteine-glutathione disulfide

Cys-SO3H(33),(42)-epidermal growth factor (32-48) see epidermal growth factor (32-48), Cys-SO3H(33),(42)-

3-D-Cys-somatostatin see somatostatin, 3-D-Cys-

cystathionine gamma-cynthase see O-succinylhomoserine (thiol)-lyase

cystathionine ketimine
(RN) 87254-95-3
(HM) CYSTATHIONINE/*analogs
(NO) structure given in first source

cystatin A see cysteine protease inhibitors, endogenous

cystatin B see stefin

cystatin C see post gamma-globulins

cystatin, egg-white
(SY) egg-white cystatin
(HM) *PROTEINS
(PA) PROTEASE INHIBITORS
(NO) cysteine protease inhibitor composed of 116 amino acid residues; MW 13,000; different from human cystatin, gamma-trace & stefin see also the general term cysteine protease inhibitors, endogenous

cystatin, human see post gamma-globulins

cystatin S, human see salivary gland acidic protein

cysteamine dioxygenase
(RN) EC 1.13.11.19
(SY) cysteamine oxygenase
(HM) *OXYGENASES

cysteamine oxygenase see cysteamine dioxygenase

cysteamine-S-phosphate
(RN) 5746-40-7
(SY) cysteinamine-S-phosphate
(HM) CYSTEAMINE/*analogs

7-cysteaminomitosane
(SY) RR 150
(SY) RR-150
(HM) *MITOMYCINS
(NO) structure given in first source

5-S-cysteaminyldopamine
(SY) 5-CADA
(HM) DOPAMINE/*analogs

4-S-cysteaminylphenol
(HM) CYSTEAMINE/*analogs
(PA) ANTINEOPLASTIC AGENTS

cysteic acid decarboxylase
(RN) EC 4.1.1.-
(HM) *CARBOXY-LYASES

6-L-cysteinamide-7-de-L-proline-8-de-L-leucine-9-deglycinamideoxytocin see tocinamide

L-Cysteinamide, D-phenylalanyl-L-cysteinyl-L-phenylalanyl-D-tryptophyl-L-lysyl-L-threonyl-N-(2-hydroxy-1-(hydroxymethyl)propyl)-, cyclic (2-7)- disulfide see SMS 201 995

cysteinamine-S-phosphate see cysteamine-S-phosphate

cysteine aminotransferase
(RN) EC 2.6.1.3
(SY) cysteine-pyruvate aminotransferase
(SY) cysteine-2-ketoglutarate aminotransferase
(HM) *AMINOTRANSFERASES

(1,8-cysteine)angiotensin II
(RN) 87937-69-7
(SY) Cys(1,8)-ANG II
(HM) ANGIOTENSIN II/*analogs
(PA) ANGIOTENSIN II/antag
(NO) cyclic angiotensin analog; RN given in first source; RN not in Chemline 4/84

cysteine conjugate beta-lyase
(RN) EC 4.4.1.-
(HM) *LYASES
(NO) produces pyruvic acid, ammonia and a thiol

2-cysteine-5-cysteine enkephalinamide see enkephalinamide, Cys(2)-Cys(5)-

cysteine dioxygenase
(RN) EC 1.13.11.20
(RR) 37256-59-0 (CRN)
(SY) cysteine oxidase
(HM) *OXYGENASES

cysteine endopeptidase see cysteine proteinase

L-cysteine ethyl ester see ethyl cysteine

cysteine ethyl ester see ethyl cysteine

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cysteine–glutathione disulfide
(RN) 13081-14-6
(SY) CYSSG
(SY) cysteine–glutathione mixed disulfide
(HM) GLUTATHIONE/*analogs
(HM) CYSTEINE/*analogs

cysteine–glutathione mixed disulfide see cysteine–glutathione disulfide

cysteine–homocysteine mixed disulfide see cysteinylhomocysteine mixed disulfide

cysteine hydrazide
(RN) 58100-26-8
(RR) 70470-68-7 ((DL)-isomer)
(RR) 70706-60-4 (mono-HCl(L)-isomer)
(HM) CYSTEINE/*analogs
(PA) IMMUNOSUPPRESSIVE AGENTS
(NO) RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 7/13/83

cysteine hydrogen sulfite ester see cysteine sulfinic acid

cysteine–2–ketoglutarate aminotransferase see cysteine aminotransferase

cysteine lyase
(RN) EC 4.4.1.10
(RR) 9080-03-9 (CRN)
(HM) *LYASES

cysteine–2–mercaptopyridine
(RN) 88442-68-6
(SY) Cys-2MP
(HM) CYSTEINE/*analogs
(NO) structure given in first source

cysteine methyl ester see mecysteine

cysteine oxidase see cysteine dioxygenase

cysteine–penicillamine disulfide see penicillamine cysteine disulfide

2–cysteine–5–penicillamine enkephalin see enkephalin, Cys(2)-Pen(5)-

cysteine PIE see cysteine protease inhibitors, endogenous

cysteine protease inhibitors, endogenous
(SY) cysteine proteinase inhibitors, endogenous
(SY) alpha-cysteine protease inhibitors, endogenous
(SY) acid cysteine proteinase inhibitors, endogenous
(SY) cysteine PIE
(SY) sarcocystatin A
(SY) cystatin A
(HM) *PROTEINS
(PA) PROTEASE INHIBITORS
(NO) endogenous cpds found in many organs which inhibit proteins or enzymes of the cysteine class; see also specifics post gamma-globulins, cystatin, egg-white, stefin & calpastatin

cysteine proteinase
(RN) EC 3.4.22.-
(SY) cystein proteinase
(SY) cysteine endopeptidase
(SY) papaya peptidase
(HM) *PEPTIDE PEPTIDOHYDROLASES

cysteine proteinase inhibitors, endogenous see cysteine protease inhibitors, endogenous

cysteine–pyruvate aminotransferase see cysteine aminotransferase

3–D–cysteine somatostatin see somatostatin, 3-D-Cys-

cysteine–S–sulfate see S-sulphocysteine

cysteine sulfinate see cysteine sulfinic acid

cysteine sulfinate aminotransferase see cysteine sulfinate transaminase

cysteinesulfinate decarboxylase see cysteine sulphinate decarboxylase

cysteine sulfinate decarboxylase see cysteine sulphinate decarboxylase

cysteine sulfinate receptors see cysteine sulfinic acid receptor

cysteine sulfinate transaminase
(RN) EC 2.6.1.-
(SY) cysteine sulphinic acid transaminase
(SY) cysteinesulphinate transaminase
(SY) cysteine sulfinate aminotransferase
(HM) *AMINOTRANSFERASES

cysteine sulfinic acid
(RN) 2381-08-0
(SY) cysteine sulfinate
(SY) cysteine hydrogen sulfite ester
(SY) alanine 3-sulfinic acid
(HM) CYSTEINE/*analogs
(NO) metabolite of sulfur-containing amino acids

cysteine sulfinic acid decarboxylase see cysteine sulphinate decarboxylase

cysteinesulfinic acid decarboxylase see cysteine sulphinate decarboxylase

cysteine sulfinic acid receptor
(SY) receptor, cysteine sulfinate
(SY) cysteine sulfinate receptors
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES

33,42–cysteinesulfonate–urogastrone (32–48) see epidermal growth factor (32-48), Cys-SO3H(33),(42)-

cysteine sulphinate decarboxylase
(RN) EC 4.1.1.29
(RR) 62213-10-9 (CRN)
(SY) cysteine sulfinate decarboxylase
(SY) CSA decarboxylase
(SY) cysteine sulfinic acid decarboxylase
(SY) cysteinesulfinic acid decarboxylase
(SY) cysteinesulfinate decarboxylase
(HM) *CARBOXY-LYASES

cysteinesulphinate transaminase see cysteine sulfinate transaminase

cysteine sulphinic acid transaminase see cysteine sulfinate transaminase

cysteine synthase B see S-sulfocysteine synthase

cysteine thiosulfonate
(RN) 16341-08-5
(SY) 2-amino-3-(thio-thiosulfonate)propionic acid
(SY) alanine sulfodisulfane
(HM) CYSTEINE/*analogs
(NO) has role in cystine metabolism; structure given in first source

cysteine–tRNA see tRNA, cysteine-

cystein proteinase see cysteine proteinase

(2–L–cystein–S–yl–1,4–dihydroxycyclohex–3–en–1– yl) acetic acid see hawkinsin

2–S–cysteinyldopa
(RN) 25565-17-7
(HM) *CYSTEINYLDOPA
(II) ISOMERISM

6–S–cysteinyldopa
(RN) 64003-39-0
(SY) L-Tyrosine, 3-((2-amino-2-carboxyethyl)thio)-5-hydroxy-, (R)-
(HM) *CYSTEINYLDOPA
(II) ISOMERISM

cysteinyl–glycinase see cysteinyl-glycine dipeptidase

cysteinyl–glycine see cysteinylglycine

cysteinylglycine
(RN) 19246-18-5
(SY) Cys-Gly
(SY) cysteinyl-glycine
(HM) *DIPEPTIDES
(NO) RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 7/13/83

cysteinyl–glycine dipeptidase
(RN) EC 3.4.13.6
(SY) cysteinyl-glycinase
(SY) L-cysteinyl-glycine hydrolase
(HM) *DIPEPTIDASES

L–cysteinyl–glycine hydrolase see cysteinyl-glycine dipeptidase

cysteinylhomocysteine mixed disulfide
(RN) 4985-47-1
(RR) 13147-16-5 ((R-(R*,S*))-isomer)
(SY) Cys-homo-Cys-mixed disulfide
(SY) cysteine–homocysteine mixed disulfide
(HM) *DIPEPTIDES
(NO) RN given refers to cpd without isomeric designation

2–(S–cysteinyl)hydroquinone
(RN) 39484-07-6
(SY) HQ-CYS
(HM) CYSTEINE/*analogs

cysteinyl–lysyl–asparaginyl–phenylalanine see somatostatin(3-6)

4–S–cysteinylphenol
(HM) CYSTEINE/*analogs
(PA) ANTINEOPLASTIC AGENTS

11,26–cysteinyl–27–phenylalanyl–31–glycine–beta– endorphin see beta-endorphin, Cys(11,26),Phe(27), Gly(31)-

cysteinyl–S–sulfonate see S-sulphocysteine

cysteinyl–S–sulfonic acid see S-sulphocysteine

cysteinyl–tRNA see tRNA, cysteine-

cysteinyl–tRNA synthetase
(RN) EC 6.1.1.16
(RR) 37318-56-2 (CRN)
(HM) *AMINO ACYL T RNA SYNTHETASES

cystic fibrosis ciliary inhibitor see ciliary dyskinesia factor

cystic fibrosis mucociliary inhibitor see ciliary dyskinesia factor

cystic fibrosis protein
(SY) cystic fibrosis serum factor
(HM) *BLOOD PROTEINS
(NO) found in human serum; specific marker for identification of cystic fibrosis homozygotes & obligate heterozygote carriers of the defective gene responsible for the disorder

cystic fibrosis serum factor see cystic fibrosis protein

cystine–di–beta–naphthylamide
(RN) 1259-69-4
(HM) CYSTINE/*analogs

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cystine dimethyl ester
(RN) 1069-29-0
(SY) dimethyl-L-cystine
(HM) CYSTINE/*analogs
(NO) RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 6/16/82

cystine disulfoxide
(RN) 30452-69-8
(SY) S-(2-amino-2-carboxyethylsulfonyl)-L-cysteine
(HM) CYSTEINE/*analogs

cystine ketimine
(RN) 83711-66-4
(HM) *AMINO ACIDS, SULFUR
(NO) structure given in first source

cystine reductase (NADH)
(RN) EC 1.6.4.1
(HM) *NADH, NADPH OXIDOREDUCTASES

cystisin see cytisine

cystone
(HM) *PLANT EXTRACTS
(II) PLANTS, MEDICINAL
(II) MEDICINE, AYURVEDIC
(NO) Ayurvedic compound prep of 15 plants & mineral products

Cys-tRNA see tRNA, cysteine-

cytalopram see citalopram

cytarabine deaminase see arabinosylcytosine deaminase

cytarabine 5'-monophosphate see 1-beta-D-arabinofuranosylcytosine 5'-monophosphate

D-cyt-C see dodecanoyl cytochrome C

cytidine-5'-O-dimethylphosphate
(SY) C-5-O-DMP
(HM) *CYTIDINE MONOPHOSPHATE/analogs
(NO) structure given in first source

cytidine S-3,4-dioctadecoxybutylphosphinato(methylene phosphonate)
(SY) CDDB-PMP
(HM) *CYTIDINE DIPHOSPHATE DIGLYCERIDES
(PA) PHOSPHOTRANSFERASES/antag
(NO) structure given in first source

cytidine 5'-diphosphate 2',3'-dialdehyde
(RN) 87668-74-4
(SY) CDP 2',3'-dialdehyde
(SY) dial-CDP
(HM) *CYTIDINE DIPHOSPHATE/analogs
(II) AFFINITY LABELS

cytidine diphosphate ethanolamine see CDP ethanolamine

cytidine diphosphate glycerol
(RN) 6665-99-2
(RR) 31589-60-3 ((R)-isomer)
(SY) CDP glycerols
(HM) *NUCLEOSIDE DIPHOSPHATE SUGARS
(NO) acts as a donor of glycerol residues for teichoic acid synthesis; acyl derivatives are involved in phospholipid synthesis; minor descriptor (75-83); on-line Index Medicus search NUCLEOSIDE DIPHOSPHATE SUGARS (75-83); RN given refers to (S)-isomer; RN for cpd without isomeric designation not in Chemline 8/8/83

Cytidine diphosphate reductase see CDP reductase

cytidine diphosphate ribitol
(RN) 3506-17-0
(SY) CDP ribitol
(HM) *NUCLEOSIDE DIPHOSPHATE SUGARS
(NO) serves as the donor of ribitol residues for teichoic acid biosynthesis; minor descriptor (75-83); on-line & Index Medicus search NUCLEOSIDE DIPHOSPHATE SUGARS (75-83)

cytidine 3',5'-diphosphate
(RN) 2922-94-3
(SY) 5'-phosphocytidine 3'-phosphate
(HM) *CYTIDINE DIPHOSPHATE
(II) ISOMERISM

cytidine-5'-monophosphatase
(RN) EC 3.1.3.-
(SY) CMPase
(HM) *NUCLEOTIDASES
(NO) primarily limited to Golgi apparatus

cytidine monophosphate guanosine see cytidylyl-3'-5'-guanosine

cytidine-3'-phosphate-5'-cytidine see cytidylyl-(3'-5')-cytidine

cytidine 5'-phospho-2-methylimidazolide
(RN) 85179-51-7
(SY) 2-MeIMPC
(HM) *CYTIDINE MONOPHOSPHATE/analogs

cytidine 5'-tetraphosphate
(RN) 10592-99-1
(HM) *CYTOSINE NUCLEOTIDES
(NO) contaminant of CTP

cytidine triphosphatase see CTPase

cytidine triphosphate synthetase see CTP synthetase

cytidylate cyclase
(RN) EC 4.6.1.-
(HM) *LYASES

cytidylate kinase
(RN) EC 2.7.4.14
(RR) 37278-21-0 (CRN)
(SY) dCMP kinase
(SY) pyrimidine nucleoside monophosphate kinase
(SY) UMP-CMP kinase
(SY) deoxycytidylate kinase
(HM) *NUCLEOSIDE MONOPHOSPHATE KINASES

cytidylate phosphatase see 5'-nucleotidase

cytidylyl adenosine
(RN) 2382-66-3
(SY) cytidylyl-3',5'-adenosine
(SY) CpA
(HM) *CYTIDINE MONOPHOSPHATE/analogs
(HM) ADENOSINE/*analogs

cytidylyl-3',5'-adenosine see cytidylyl adenosine

cytidylyl-(3'-5')-cytidine
(RN) 2536-99-4
(SY) cytidine-3'-phosphate-5'-cytidine
(SY) CpC
(HM) *CYTIDINE MONOPHOSPHATE/analogs
(HM) CYTIDINE/*analogs

cytidylyl-3'-5'-guanosine
(RN) 2382-65-2
(SY) cytidine monophosphate guanosine
(SY) 3'-5'-CpG
(HM) *CYTIDINE MONOPHOSPHATE/analogs
(HM) GUANOSINE/*analogs
(NO) also referred to as CpG

cytimun see sufosfamide

cytisine
(RN) 485-35-8
(RR) 6047-01-4 (HCl)
(RR) 6013-61-2 (HCl hydrate)
(RR) 6018-49-1 (di-HCl trihydrate)
(RR) 6018-50-4 (tetra-HCl trihydrate)
(SY) tabex
(SY) cytiton
(SY) citizine
(SY) cystisin
(HM) *ALKALOIDS
(NO) RN given refers to (R)-isomer; RN for cpd without isomeric designation not in Chemline 7/13/83; structure

cytiton see cytisine

Cyt C-Met methyltransferase see cytochrome C-methionine methyltransferase

cytoadsorption protein P1, mycoplasma pneumonia see adhesin, Mycoplasma pneumonia

cytochalasin A
(RN) 14110-64-6
(HM) *CYTOCHALASINS

cytochalasin C
(RN) 22144-76-9
(HM) *CYTOCHALASINS

cytochalasin D
(RN) 22144-77-0
(HM) *CYTOCHALASINS

cytochalasin E
(RN) 36011-19-5
(HM) *CYTOCHALASINS
(II) MYCOTOXINS
(II) TOXINS
(NO) structure

cytochalasin H
(RN) 53760-19-3
(HM) *CYTOCHALASINS

cytochrome a
(RN) 9035-34-1
(HM) *CYTOCHROMES
(NO) individual heme group of cytochrome oxidase complex

cytochrome a(1) see cytochrome a1

cytochrome a1
(RN) 9035-35-2
(SY) cytochrome a-1
(SY) cytochrome a(1)
(HM) *CYTOCHROMES

cytochrome a-1 see cytochrome a1

cytochrome b-c(1) complex see ubiquinol-cytochrome C reductase

cytochrome b(6)-f complex see cytochrome f

cytochrome b-c2 oxidoreductase see ubiquinol-cytochrome C reductase

cytochrome b(5) reductase
(RN) EC 1.6.2.2
(RR) 9032-25-1 (CRN)
(SY) NADH-cytochrome b5 reductase
(HM) *CYTOCHROME REDUCTASES
(NO) may be the enzyme for methemoglobin reductase activity

cytochrome bc1 see ubiquinol-cytochrome C reductase

cytochrome b2 see lactate dehydrogenase (cytochrome)

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cytochrome b245
(SY) cytochrome b-245
(HM) *CYTOCHROME B

cytochrome b-245 see cytochrome b245

cytochrome b5
(RN) 9035-39-6
(SY) cytochrome b-5
(SY) ferricytochrome b5
(HM) *CYTOCHROME B

cytochrome b-5 see cytochrome b5

cytochrome b556
(RN) 37337-50-1
(SY) cytochrome b-556
(HM) *CYTOCHROME B
(NO) from E coli

cytochrome b-556 see cytochrome b556

cytochrome b557
(RN) 12705-48-5
(SY) cytochrome b-557
(SY) cytochrome b557.5
(HM) *CYTOCHROME B

cytochrome b-557 see cytochrome b557

cytochrome b557.5 see cytochrome b557

cytochrome b558
(SY) cytochrome b-558
(HM) *CYTOCHROME B

cytochrome b-558 see cytochrome b558

cytochrome b559
(RN) 9044-61-5
(SY) cytochrome b-559
(HM) *CYTOCHROME B
(NO) from spinach chloroplasts

cytochrome b-559 see cytochrome b559

cytochrome b560
(RN) 37337-51-2
(SY) cytochrome b-560
(HM) *CYTOCHROME B
(NO) part of complex II

cytochrome b-560 see cytochrome b560

cytochrome b561
(RN) 11130-51-1
(SY) cytochrome b-561
(HM) *CYTOCHROME B

cytochrome b-561 see cytochrome b561

cytochrome b562
(RN) 9064-79-3
(HM) *CYTOCHROME B

cytochrome b563
(RN) 37265-01-3
(SY) cytochrome b-563
(HM) *CYTOCHROME B

cytochrome b-563 see cytochrome b563

cytochrome b565
(RN) 9083-17-4
(SY) cytochrome b-565
(HM) *CYTOCHROME B

cytochrome b-565 see cytochrome b565

cytochrome b566
(RN) 11130-52-2
(SY) cytochrome b-566
(HM) *CYTOCHROME B

cytochrome b-566 see cytochrome b566

cytochrome b6
(RN) 9035-40-9
(HM) *CYTOCHROME b
(NO) membrane bound cytochrome

cytochrome b9
(RN) 71950-15-7
(SY) cytochrome b-9
(HM) *CYTOCHROME B
(NO) soluble b-type cytochrome from rat liver

cytochrome b-9 see cytochrome b9

cytochrome cd see Pseudomonas cytochrome oxidase

cytochrome c,d1 see Pseudomonas cytochrome oxidase

cytochrome c, N-epsilon-acetimidate
(SY) N-epsilon-acetimidylcytochrome c
(SY) NEA cytochrome c
(HM) CYTOCHROME C/*analogs

cytochrome C ferric heme octapeptide see cytochrome c hemeoctapeptide

cytochrome C heme nonapeptide see heme nonapeptide

cytochrome c hemeoctapeptide
(RN) 35849-16-2
(SY) cytochrome C ferric heme octapeptide
(SY) cytochrome c heme peptide
(HM) CYTOCHROME C/*analogs
(HM) *HEMEPROTEINS

cytochrome c heme peptide see cytochrome c hemeoctapeptide

cytochrome c3 hydrogenase
(RN) EC 1.12.2.1
(SY) hydrogen ferricytochrome C3 oxidoreductase
(HM) *OXIDOREDUCTASES

cytochrome C hydrolase
(RN) EC 3.4.-
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) from yeast mitochondrial inner membrane

cytochrome C-methionine methyltransferase
(RN) EC 2.1.1.-
(SY) Cyt C-Met methyltransferase
(HM) *PROTEIN METHYLTRANSFERASES
(NO) forms S-methylmethionine

cytochrome C methyltransferase
(RN) EC 2.1.1.-
(HM) *PROTEIN LYSINE METHYLTRANSFERASE
(NO) from Crithida oncopelti

cytochrome C1 precursor
(HM) *PROTEIN PRECURSORS
(HM) *CYTOCHROME C
(NO) contains 61-amino acids with an amino-terminal region of 35-amino acids, a central region of 19-uncharged amino acids & an acidic carboxy-terminal region of 7-amino acids; amino acid sequence given in first source

cytochrome C synthetase
(RN) EC 2.5.-
(HM) *TRANSFERASES
(NO) forms cytochrome C from the apoprotein + hemin, requires NADPH; mechanism not given 9/81

cytochrome c-T
(HM) *CYTOCHROME C
(HM) *PEPTIDE FRAGMENTS
(NO) non-covalent complex formed between fragments 1-38 & 39-104; exhibits appx 20% of specific activity of native protein

cytochrome cd-1 see cytochrome cd1

cytochrome cd1
(RN) 9027-00-3
(SY) cytochrome cd(1)
(SY) cytochrome cd-1
(HM) *CYTOCHROMES

cytochrome cd(1) see cytochrome cd1

cytochrome c2
(RN) 9035-43-2
(SY) cytochrome C-2
(HM) *CYTOCHROME C

cytochrome C-2 see cytochrome c2

cytochrome c(3)
(RN) 9035-44-3
(SY) cytochrome C3
(HM) *CYTOCHROME C
(NO) hemoprotein with negative redox potential & four heme groups bound to a single polypeptide chain

cytochrome C3 see cytochrome c(3)

cytochrome C4
(RN) 39405-42-0
(SY) cytochrome C(4)
(HM) *CYTOCHROME C
(NO) from Pseudomonas aeruginosa

cytochrome C(4) see cytochrome C4

cytochrome C5
(SY) cytochrome C(5)
(HM) *CYTOCHROME C

cytochrome C(5) see cytochrome C5

cytochrome C(550) see cytochrome C-550

cytochrome C-550
(RN) 9064-80-6
(SY) cytochrome C550
(SY) C-550
(SY) cytochrome C(550)
(HM) *CYTOCHROME C

cytochrome C550 see cytochrome C-550

cytochrome C551 see cytochrome C(551)

cytochrome C(551)
(RN) 9048-77-5
(SY) cytochrome C-551
(SY) cytochrome C551
(HM) *CYTOCHROME C

cytochrome C-551 see cytochrome C(551)

cytochrome C552 see cytochrome C-552

cytochrome C(552) see cytochrome C-552

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cytochrome C-552
(RN) 9048-78-6
(SY) ferricytochrome C-552
(SY) cytochrome C-553
(SY) cytochrome C-554
(SY) flavocytochrome C-552
(SY) cytochrome C(552)
(SY) cytochrome C552
(HM) *CYTOCHROME C
(NO) photosynthetic soluble cytochrome also called C-553 or C-554; universal in algae but unknown in higher plants

cytochrome C-553 see cytochrome C-552

cytochrome C-554 see cytochrome C-552

cytochrome c-555
(RN) 9048-79-7
(HM) *CYTOCHROME C

cytochrome c-555,549
(HM) *CYTOCHROME C
(NO) double-alpha, c-type cytochrome

cytochrome c556
(RN) 37306-15-3
(SY) cytochrome c-556
(HM) *CYTOCHROME C
(NO) from Agrobacterium tumefaciens

cytochrome c-556 see cytochrome c556

cytochrome c557
(SY) cytochrome c-557
(HM) *CYTOCHROME C

cytochrome c-557 see cytochrome c557

cytochrome c558 see cytochrome c 558

cytochrome c 558
(RN) 9061-33-0
(SY) cytochrome c-558
(SY) cytochrome c558
(HM) *CYTOCHROME C

cytochrome c-558 see cytochrome c 558

cytochrome d
(RN) 9035-36-3
(SY) cytochrome d650
(SY) cytochrome d 650
(HM) *CYTOCHROMES

(cytochrome P-450)-dependent laurate in-chain- hydroxylase see lauric acid in-chain-hydroxylase

cytochrome d terminal oxidase see ubiquinol-8 oxidase (Cyt d)

cytochrome d terminal oxidase complex see ubiquinol-8 oxidase (Cyt d)

cytochrome d 650 see cytochrome d

cytochrome d650 see cytochrome d

cytochrome f
(RN) 9035-46-5
(SY) cytochrome f554
(SY) cytochrome f-554
(SY) cytochrome f-553
(SY) cytochrome f-556.5
(SY) cytochrome f/b(6)
(SY) cytochrome b(6)-f complex
(HM) *CYTOCHROMES

cytochrome f/b(6) see cytochrome f

cytochrome f-553 see cytochrome f

cytochrome f-554 see cytochrome f

cytochrome f554 see cytochrome f

cytochrome f-556.5 see cytochrome f

cytochrome o
(RN) 9035-48-7
(HM) *CYTOCHROMES

cytochrome o oxidase
(RN) EC 1.9.3.-
(HM) *CYTOCHROME OXIDASE

cytochrome o terminal oxidase see ubiquinol-8 oxidase (Cyt o)

cytochrome o terminal oxidase complex see ubiquinol-8 oxidase (Cyt o)

cytochrome P-450 15 beta-hydroxylase see steroid 15-beta-hydroxylase

cytochrome P-450(cam) monooxygenase see cytochrome P-450 oxygenase

cytochrome P-450-dependent O-dealkylase see 7-ethoxycoumarin O-dealkylase

cytochrome P-450-dependent fatty acid monooxygenase see cytochrome P-450 oxygenase

cytochrome P448-dependent mono-oxygenase
(RN) EC 1.14.15.-
(SY) P448-dependent monooxygenase
(HM) *HYDROXYLASES

cytochrome P-450-dependent monooxygenase see cytochrome P-450 oxygenase

cytochrome P-450 monooxygenase see cytochrome P-450 oxygenase

cytochrome P-450 oxidase
(RN) EC 1.-
(HM) *OXIDOREDUCTASES
(NO) oxidizes NADPH with formation of hydrogen peroxide

cytochrome P-450 oxygenase
(RN) EC 1.13.-
(SY) cytochrome P-450 monooxygenase
(SY) cytochrome P-450(cam) monooxygenase
(SY) cytochrome P-450-dependent monooxygenase
(SY) unspecific monooxygenase
(SY) cytochrome P-450-dependent fatty acid monooxygenase
(HM) *OXYGENASES
(NO) 9,10-dimethyl-1,2-benzanthracene di-oxygenated to 9,10-epidioxide

cytochrome P420
(RN) 9035-49-8
(SY) cytochrome P-420
(HM) *CYTOCHROMES

cytochrome P-420 see cytochrome P420

cytochrome P-448
(RN) 9035-50-1
(SY) cytochrome P448
(HM) *CYTOCHROMES
(NO) induced by 3-methylcholanthrene & benzo(a)-pyrene & other polycyclic aromatic hydrocarbons; a special kind of cytochrome P-450; N1 same as NM

cytochrome P448 see cytochrome P-448

cytochrome P455
(RN) 73468-77-6
(SY) cytochrome P-455
(HM) *CYTOCHROMES

cytochrome P-455 see cytochrome P455

cytochlair see mecysteine

cytokines
(HM) *BIOLOGICAL PRODUCTS
(NO) lymphokine-like factors which may be produced by various non-lymphoid cells in response to virus infection

cytokinin-binding protein
(SY) cytokinin binding protein
(HM) *CARRIER PROTEINS
(II) CYTOKININS

cytokinin binding protein see cytokinin-binding protein

cytolipin H
(RN) 4682-48-8
(SY) N-lignoceroyl-1-sphingosyl lactoside
(SY) lactosylceramide
(HM) *GLYCOSPHINGOLIPIDS
(II) HAPTENS

cytolipin P
(RN) 72412-89-6
(HM) *GLOBOSIDES
(NO) isolated from hydatid fluid of Echinococcus granulosus

cytolipin R
(RN) 12244-28-9
(HM) *GLYCOSPHINGOLIPIDS
(II) ANTIGENS, NEOPLASM
(NO) fourth glycosphingolipid of the five lipid haptens that have been isolated from animal cells; isolated from rat lymphosarcoma as specific antigen to transplanted rat tumors; structure determined to be N-acetylgalactosaminyl (beta 1 to 3)galactosyl(alpha 1 to 3)galactosyl (beta 1 to 4)glucosylceramide

cytolysin III (ST-he) see cytolysin III (Stoichactis helianthus)

cytolysin III (Stoichactis helianthus)
(RN) 86179-12-6
(SY) cytotoxin III (Stoichactis helianthus)
(SY) cytolysin III (ST-he)
(HM) *COELENTERATE VENOMS
(II) CYTOTOXINS
(II) SEA ANEMONES
(NO) protein contains 153 amino acid residues; amino acid sequence given in first source; see also record for toxin III (Anemonia sulcata)

cytomegalovirus early antigens
(SY) cytomegalovirus early nuclear antigen
(SY) cytomegalovirus early membrane antigen
(SY) CE-antigen
(HM) *ANTIGENS, VIRAL
(II) ANTIGENS, SURFACE
(NO) induced in infected cell by an early expression of parental viral genome before replication

cytomegalovirus early membrane antigen see cytomegalovirus early antigens

cytomegalovirus early nuclear antigen see cytomegalovirus early antigens

cytomegalovirus-specific hyperimmune globulin see cytotect

cytonal see fosfestrol

cytoplasmic activator protein
(HM) *BLOOD PROTEINS
(II) INTERLEUKIN II
(NO) from red cell hemolysates; activates Ca & Mg ATPase on human red cell membrane; endogenous mediator of T cell mitogenesis

cytoplasmic elongation factor 2 see elongation factor 2

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cytoplasmic glycoprotein
(SY) insulin-dependent cytoplasmic regulator
(HM) *GLYCOPROTEINS
(II) CYTOPLASM
(NO) also a regulator of mitochondrial membrane permeability

cytosine arabinoside 5'-monophosphate see 1-beta-D-arabinofuranosylcytosine 5'-monophosphate

cytosine deaminase
(RN) EC 3.5.4.1
(RR) 9025-05-2 (CRN)
(HM) *NUCLEOSIDE DEAMINASES

cytosine-guanine dinucleotide
(SY) CG-dinucleotide
(HM) *OLIGORIBONUCLEOTIDES
(NO) contains predominantly 5-methylcytosine

cytosine 3',5'-monophosphate phosphodiesterase cytidine 3',5'-monophosphate phosphodiesterase see cyclic CMP phosphodiesterase

cytosine triphosphatase see CTPase

cytosol aminopeptidase V see proline iminopeptidase

cytostasan
(RN) 16506-27-7
(RR) 3543-75-7 (HCl)
(SY) IMET 3393
(SY) Zimet 3393
(HM) *NITROGEN MUSTARD COMPOUNDS
(NO) RN given refers to parent cpd

cytostipin see PSX-1

cytotect
(SY) cytomegalovirus-specific hyperimmune globulin
(SY) CMV-immune globulin
(HM) *IMMUNE SERA
(II) CYTOMEGALOVIRUSES
(NO) specific hyperimmune globulin for cytomegalovirus pneumonitis

cytotoxin I see cobra cytotoxin I

cytotoxin A III see Cerebratulus lacteus toxin A-III

cytotoxin III (Stoichactis aelianthus) see cytolysin III (Stoichactis helianthus)

cytotoxin A IV see Cerebratulus lacteus toxin A-IV

cytovaricin
(RN) 79553-45-0
(HM) PYRANS
(PA) ANTIBIOTICS
(NO) from Streptomyces sp. No. H-230; structure given in first source

cytran
(HM) *ASPARTIC ACID
(HM) *MAGNESIUM
(HM) DRUG COMBINATIONS
(II) FOOD ADDITIVES
(NO) animal food supplement containing Mg & aspartate HCl

Cytrel
(RN) 64925-47-9
(HM) CELLULOSE/*analogs
(NO) synthetic cellulose derivative containing no nicotine & 1/3 to 1/7 the tar of tobacco; used as tobacco substitute or supplement

cytriphos
(RN) 51414-99-4
(SY) citriphos
(HM) *ADENOSINE TRIPHOSPHATE
(HM) *CYSTEAMINE
(HM) DRUG COMBINATIONS
(PA) RADIATION-PROTECTIVE AGENTS

CYVADIC
(HM) CYCLOPHOSPHAMIDE
(HM) VINCRISTINE
(HM) DOXORUBICIN
(HM) DACARBAZINE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

CY168E see plastenan

C 076 see avermectin B(1)a

C-076 see avermectin B(1)a

C 1q see complement 1 q

C1q see complement 1 q

C1 q see complement 1 q

C1r see complement 1 r

C 1r see complement 1 r

C1 r see complement 1 r

C1r(2) see complement 1 r

C1s see complement 1 s

C 1s see complement 1 s

C1 s see complement 1 s

C1s(2) see complement 1 s

c 14574 see phanquinone

C 1821
(SY) C-1821
(HM) *GLYCOPROTEINS
(II) KLEBSIELLA PNEUMONIAE
(NO) purified glycoprotein extract from Klebsiella pneumoniae serotype 2; increases immune responses in animals & modulates assays of human lymphocyte functions in vitro

C-1821 see C 1821

C 19393 H(2) see carpetimycin A

C-19393 H(2) see carpetimycin A

C-19393 S(2) see carpetimycin B

C2b see complement 2b

C 205
(RN) 6237-29-2
(RR) 6237-28-1 (dihydrochloride)
(SY) C-205
(HM) *ACRIDINES
(PA) ANTINEOPLASTIC AGENTS
(NO) RN given refers to parent cpd

C-205 see C 205

C-2059 see fluometuron

C 29 see C-29

C-29
(RN) 70894-76-7
(SY) C-29, nonionic contrast medium
(SY) C 29
(SY) C 29 (contrast media)
(HM) IOTHALAMIC ACID/*analogs
(II) CONTRAST MEDIA
(NO) structure; do not confuse with C29 which is vedrenan

C 3a see complement 3a

C3a see complement 3a

C3a(72-77) see complement 3a-hexapeptide

C 3c see Complement 3c

C3c see Complement 3c

C3d see complement 3d

C3d,g see complement 3d,g

C3D-K see complement 3D-K

C3e see complement 3e

C3g see complement 3g

C31G
(RN) 86903-77-7
(SY) C-31G
(HM) BETAINE/*analogs
(HM) *FATTY ACIDS, UNSATURATED
(PA) ANTI-INFECTIVE AGENTS
(II) SURFACE-ACTIVE AGENTS
(NO) mixture of above cpds

C-31G see C31G

C-3,7,25-T see cholestane-3,7,25-triol

C 390 see C-390

C-390
(RN) 77769-31-4
(SY) 9-chloro-9-(4-diethylaminophenyl)-10-phenylacridan
(SY) C 390
(HM) *ACRIDINES
(NO) potential selective agent for Pseudomonas aeruginosa isolation

C 4a see complement 4a

C4a see complement 4a

C 4b see complement 4b

C4b see complement 4b

C4b' 2.9 see complement 4b

C 4c see complement 4c

C4c see complement 4c

C 4d see complement 4d

C4d see complement 4d

C 5a see complement 5a

C5a see complement 5a

C5b see complement 5b

C5b-7 see SC5b-7

C5b-8 see complement complex C5b-8

C5b-9 see complement membrane attack complex

C 5b-9 see complement membrane attack complex

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C-550 see cytochrome C-550

C 5720 see carprofen

C-666 see C-684

C 666 see C-684

C 684 see C-684

C-684
(RN) 20064-09-9
(RR) 20064-38-4 (di-HCl)
(RR) 20064-00-0 (duplicate RN for di-HCl)
(SY) 1-nitro-9-(dimethylaminopropylamino)acridine N-oxide
(SY) C-666
(SY) C 666
(SY) 1-nitro-9-(3-dimethylaminopropylamino)acridine N-10-oxide
(SY) C 684
(HM) *AMINOACRIDINES
(PA) ANTINEOPLASTIC AGENTS
(NO) RN given refers to parent cpd; structure in second source

C-76 see C76

C 76 see C76

C76
(RN) 24863-90-9
(SY) 6,6'-di-O-tetradecyl-3-hydroxyoctadecanoyl-alpha,alpha trehalose
(SY) C-76
(SY) C 76
(HM) *GLYCOLIPIDS
(PA) ANTINEOPLASTIC AGENTS
(NO) synthetic analog of cord factor; induced complete remission of transplants of syngenic murine fibrosarcoma

C-78 see tulobuterol

C-79 see dextran-2-hydroxy-3-mercaptopropyl ether

C 79 see dextran-2-hydroxy-3-mercaptopropyl ether

C-83 see 9-hydroxy-19,20-bisnorprostanoic acid

C83 see 9-hydroxy-19,20-bisnorprostanoic acid

C 83 see 9-hydroxy-19,20-bisnorprostanoic acid

C-9154 see fumaramidmycin

DAAB see 4'-N,N-dimethylamino-4-aminoazobenzene

DA-AL conjugate see daunomycin-albumin conjugate

DAB azoreductase see azobenzene reductase

DABCO see triethylenediamine

dabequin
(RN) 56548-51-7
(SY) G-800
(SY) dabequine
(HM) *AMINOQUINOLINES
(PA) ANTIMALARIALS
(NO) 4-amino substituted benzoquinoline

dabequine see dabequin

DABIA see 4-dimethylaminoazobenzene-4'-iodoacetamide

DABITC see
4-(N,N-dimethylaminoazobenzene)-4'-isothiocyanate

DABMA see 4-dimethylaminoazobenzene-4'-N-maleimide

DABM cellulose see diazobenzyloxymethyl cellulose

DABPB see
2-(4-(4-N,N-dimethylanilinyl)-1,3-butadienyl)-3-propyl-benzothiazolium

2-DABR see 2'-bromo-2'-deoxyadenosine

DABS see diazobenzenesulfonic acid

DABS-Cl see dimethylaminoazobenzene-4'-sulfonyl chloride

dabsyl-Cl see dimethylaminoazobenzene-4'-sulfonyl chloride

DABTH
(RN) 72683-57-9
(SY)
4-N,N-dimethylaminoazobenzene-4'-thiohydantoin
(HM) DIMETHYLAMINOAZOBENZENE/*analogs
(HM) *THIOHYDANTOINS

dAbuAVP see vasopressin, 1-deamino-(4-(2-aminobutyric acid)-8-Arg-

5I-DAB see 5-dimethylaminophenylazoindazole

DAC
(HM) VINDESINE
(HM) DOXORUBICIN
(HM) CYCLOPHOSPHAMIDE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of vindesine sulfate & other two above cpds

Dacamox see thiofanox

DACA OEt see diazocarboxylic acid ethyl ester

DACCP see
carboxyphthalato-1,2-diaminocyclohexaneplatinum

da-cephalosporin C synthase see desacetoxycephalosporin C synthetase

DACHP see O,O'-diacetylhematoporphyrin

DACM see
N-(7-dimethylamino-4-methylcoumarinyl)maleimide

daconil see tetrachloroisophthalonitrile

Dacthal see DCPA

dactimicin
(RN) 73196-97-1
(SY) SF-2052
(HM) AMINOGLYCOSIDES
(PA) ANTIBIOTICS
(NO) related to fortimicin A; structure given in first source

dactylarin
(RN) 52212-96-1
(HM) BENZOFURANS
(PA) ANTIBIOTICS
(PA) ANTIPROTOZOAL AGENTS
(NO) isolated from Dactylaria lutea (Deuteromycetes); structure

dactylyne
(RN) 55306-12-2
(HM) *PYRANS
(PA) ANTIMETABOLITES
(NO) extract of sea hare, Aplysia dactylomela; structure

dacuronium
(RN) 43021-45-0
(RR) 27115-86-2 (dibromide(3alpha)-isomer)
(RR) 40598-96-7 (dibromide(3beta)-isomer)
(SY) Organon N.B.68
(SY) dacuronium bromide
(HM) PANCURONIUM/*analogs
(NO) RN given refers to parent cpd without isomeric designation; structure

dacuronium bromide see dacuronium

DADIBS see O-(4-diazo-3,5-diiodobenzoyl)sucrose

DADL see enkephalin-Leu, Ala(2)-

DADLE see enkephalin-Leu, Ala(2)-

DADL-MEL-OME see enkephalin-Leu, Ala(2) melphalan methyl ester

2-DADMT see 2-decarboxamido-2-acetyl-4-dedimethyl-9-methyltetracycline

2,3-DADOG see 2,3-diamino-2,3-dideoxyglucose

2-dADPR see 2'-deoxyadenosine diphosphate ribose

DAEP
(HM) DAUNOMYCIN
(HM) CYTARABINE
(HM) CYCLOPHOSPHAMIDE
(HM) PREDNISONE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above 4 cpds.

DAET see 2-(N-decylamino)-ethanethiol

2-DAFA see 2-deaminofolic acid

DA-Fe conjugate see daunomycin-ferretin conjugate

DAF, erythrocytes see decay-accelerating factor, erythrocytes

7-DAFG see 7-(6'-deoxy-beta-D-allofuranosyl)guanine

9-DAFG see 9-(6'-deoxy-beta-D-allofuranosyl)guanine

7-DAFH see
7-(6-deoxy-beta-D-allofuranosyl)hypoxanthine

9-DAFH see
9-(6'-deoxy-beta-D-allofuranosyl)hypoxanthine

9-DAFP see
9-(6'-deoxy-beta-D-allofuranosyl)-6-thiopurine

DAGG-ficoll see 2,4-dinitrophenyl-alanylglycylglycyl-ficoll

DAGNPG see
dansyl-alanyl-glycyl-4-nitrophenylalanyl-glycine

DAGO see enkephalin, Ala(2)-MePhe(4)-Gly-ol(5)-

DAG-TMH see
1(3),2-diacylglyceryl-3(1)-O-4'-(N,N,N-trimethyl) homoserine

5'-DAIBMS see (5'-deoxyadenosyl)(4-(3-indolyl)but-1-yl) methylsulfonium

DAIBS see O-(4-diazo-3-iodobenzoyl)sucrose

daidzein
(RN) 486-66-8
(HM) *ISOFLAVONES
(NO) structure

daidzin
(RN) 552-66-9
(HM) *ISOFLAVONES

daigremontianin
(HM) *BUFANOLIDES
(II) PLANTS, MEDICINAL
(NO) from Kalanchoe daigremontiana; affects central nervous system; structure given in first source

2-DAIO see 2'-iodo-2'-deoxyadenosine

5-DAIPMS see (5'-deoxyadenosyl)(3-(3-indolyl)prop-1-yl) methylsulfonium

DAIPO see 2,6-diamino-5-iminopyrimidin-4-one

DAi receptors see dopamine-1 receptor

Dakril 2M see methyl acrylate-methyl methacrylate copolymer

DALA see enkephalinamide-Met sulfoxide, Ala(2)-

DALAMID see enkephalinamide-Met, Ala(2)-

dalamide see enkephalinamide-Met, Ala(2)-

dalapon
(RN) 75-99-0
(RR) 127-20-8 (Na salt)
(RR) 53606-78-3 (Ca salt)
(RR) 38241-46-2 (NH4 salt)
(RR) 29110-22-3 (Mg salt)
(HM) *PROPIONIC ACIDS
(PA) HERBICIDES
(NO) RN given refers to parent cpd; structure

dalargin
(SY) analog 41
(SY) analog-41
(HM) *OLIGOPEPTIDES
(PA) SEDATIVES, NONBARBITURATE
(NO) synthetic opioid hexapeptide with antistress, sedative & hypotensive effect; no structural info available 1/9/84

DALCK see dansylalanyllysine chloromethyl ketone

DALE see enkephalinamide-Leu, Ala(2)-

DALMEE see enkephalin-Met, Ala(2)-

damavaricin C
(RN) 58849-86-8
(HM) *STREPTOVARICINS
(NO) degradative derivative of Streptovaricin C; structure

DAME see enkephalinamide-Met, Ala(2)-

daminozide
(RN) 1596-84-5
(SY) N-(dimethylamino)succinamic acid
(SY) succinic acid, 2,2-dimethyl hydrazide
(SY) Alar-85
(HM) *SUCCINATES
(PA) HERBICIDES
(II) PLANT GROWTH REGULATORS
(NO) induces tumors

DAMLE see enkephalin, Ala(2)-Me-Phe(4)-Leu(5)-

dam methylase see DNA-adenine methylase

DAMP see 2,4-diamino-5-adamantyl-6-methylpyrimidine

4-DAMP see 4-diphenylacetoxy-N-methylpiperidine methiodide

DAMTEH see S-(5'-deoxyadenosyl-5')-S-methylthioethylhydroxylamine

damvar
(RN) 62782-57-4
(SY) 9777 VUFB
(SY) delta-(2-amino-6-hydroxy-3,4-dihydro-4- oxo-5-pyrimidinyl)valeric acid
(HM) *PYRIMIDINONES
(PA) ANTINEOPLASTIC AGENTS
(NO) structure

DAN-ADP see (5-(dimethylamino-1-naphthoyl))adenosine diphosphate

DAN-AMP see (5-(dimethylamino)-1-naphthoyl)adenosine monophosphate

DAN-ATP see 5-(dimethylamino-1-naphthoyl)adenosine triphosphate

DANMME see enkephalinamide-Met, Ala(2)-N-Me(5)-

Dan-Shen
(RN) 79483-68-4
(HM) *PHENANTHROLINES
(HM) DRUG COMBINATIONS
(II) PLANTS, MEDICINAL
(NO) contains methylenetanshinquinone & 1,2-dihydrotanshinquinone; Chinese drug; structure given in first source

danshensu see 3,4-dihydroxyphenyllactic acid

danshen-201 see tanshinone II A sodium sulfonate

dans-sarcosine see dansylsarcosine

dansyl-Ala-Lys-chloromethyl ketone see dansylalanyllysine chloromethyl ketone

dansyl-alanyl-alanyl-phenylalanyl-phenylalanine-3-(4-(N-methyl)pyridyl)-1-propionate
(RN) 85353-23-7
(SY) Dns-Ala-Ala-Phe-Phe-MPP
(HM) *OLIGOPEPTIDES
(HM) *DANSYL COMPOUNDS
(II) FLUORESCENT DYES
(NO) fluorescent substrate for pepsin; structure given in first source

dansyl-alanyl-glycyl-4-nitrophenylalanyl-glycine
(SY) Dns-Ala-Gly-Phe(pNO2)-Gly
(SY) DAGNPG
(HM) *OLIGOPEPTIDES
(HM) *DANSYL COMPOUNDS
(II) FLUORESCENT DYES

dansylalanyllysine chloromethyl ketone
(RN) 70592-17-5
(SY) dansyl-Ala-Lys-chloromethyl ketone
(SY) DALCK
(HM) *AMINO ACID CHLOROMETHYL KETONES
(HM) *DANSYL COMPOUNDS
(II) FLUORESCENT DYES
(NO) fluorescent probe for localization of acrosin activity

N-dansyl-3-aminobenzeneboronic acid
(RN) 75806-94-9
(SY) N-(5-dimethylamino-1-naphthalensulfonyl)-3-aminobenzeneboronic acid
(SY) Dns-BBA
(SY) DNS-ABBA
(HM) *BORONIC ACIDS
(HM) *DANSYL COMPOUNDS
(PA) SUBTILISINS/antag
(II) FLUORESCENT DYES
(NO) potent serine protease inhibitor; fluorescent boronic acid which reversibly binds to bacterial cell walls; structure given in first source

dansyl-4-aminobutyric acid
(RN) 1236-58-4
(RR) 52664-09-2 (mono-HCl)
(SY) dansyl-gamma-aminobutyrate
(SY) DNS-GABA
(HM) *DANSYL COMPOUNDS
(HM) GABA/*analogs
(II) FLUORESCENT DYES

dansylamino deoxy-ATP
(RN) 80214-45-5
(SY) DNS-ATP
(SY) 2'-(5-dimethylaminonaphthalene-1-sulfonyl)amino-2'-deoxy-ATP
(HM) ADENOSINE TRIPHOSPHATE/*analogs
(HM) *DANSYL COMPOUNDS
(II) FLUORESCENT DYES

O-(N-dansylamino-3-tetradecanoyl)-12,O- acetyl-13-phorbol
(SY) dansyl-TPA
(HM) *DANSYL COMPOUNDS
(HM) *TETRADECANOYLPHORBOL ACETATE/analogs
(II) FLUORESCENT DYES

dansylargininal
(SY) dansyl-L-argininal
(SY) DnsArgH
(HM) *DANSYL COMPOUNDS
(HM) ARGININE/*analogs
(II) FLUORESCENT DYES
(NO) fluorescent transition-state analog probe

dansyl-L-argininal see dansylargininal

N(2)-dansyl-L-arginine-4-t-butylpiperidine amide
(RN) 74133-53-2
(SY) No 233
(HM) ARGININE/*analogs
(NO) intereacts with Ca(2+)-regulated modulator protein; inhibits Ca(2+)-dependent protein kinase (myosin light chain kinase) and Ca(2+)-dependent ATPase of chicken gizzard actomyosin

dansylarginine N-(3-ethyl-1,5-pentanediyl)amide
(RN) 55381-72-1
(HM) ARGININE/*analogs
(HM) *DANSYL COMPOUNDS
(II) FLUORESCENT DYES
(NO) fluorescent inhibitor of thrombin; structure

dansyl-arginine-4-methylpiperidide see dansyl-arginine-methylpiperidine amide

dansyl-arginine-methylpiperidine amide
(RN) 55381-97-0
(SY) No. 189
(SY) dansyl-arginine-4-methylpiperidide
(HM) ARGININE/*analogs
(PA) THROMBIN/antag

dansylaziridine
(RN) 51908-46-4
(HM) *AZIRIDINES
(HM) *DANSYL COMPOUNDS
(II) FLUORESCENT DYES

N-dansylaziridine-calmodulin
(SY) DANZ-CAM
(HM) CALMODULIN/*analogs
(II) FLUORESCENT DYES

dansylaziridine-troponin C
(SY) TnCDANZ
(SY) troponin C-dansylaziridine
(HM) *DANSYL COMPOUNDS
(HM) TROPONIN/*analogs
(II) FLUORESCENT DYES

dansylcadaverine see monodansylcadaverine

dansyl calmodulin
(SY) 5-dimethylaminonaphthalene-1-sulfonyl-calmodulin
(HM) CALMODULIN/*analogs
(NO) retains the physical & biological properties of calmodulin

dansyl cephalin see dansyl phosphatidylethanolamine

dansyl chloride
(RN) 605-65-2
(RR) 51767-68-1 (3H-labeled cpd)
(SY) dansylchloride
(HM) *DANSYL COMPOUNDS
(NO) RN given refers to unlabeled cpd

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dansylchloride see dansyl chloride

3-dansylestrone
(RN) 30804-69-4
(SY) estrone-3-dansyl
(HM) ESTRONE/*analogs
(HM) *DANSYL COMPOUNDS
(II) FLUORESCENT DYES

dansyl fluoride
(RN) 34523-28-9
(SY) 5-dimethylaminonaphthalene-1-sulfonyl fluoride
(HM) *DANSYL COMPOUNDS
(PA) PROTEASE INHIBITORS
(NO) structure in second source

dansylgalactosamine
(SY) N-dansylgalactosamine
(HM) GALACTOSAMINE/*analogs
(HM) *DANSYL COMPOUNDS
(II) FLUORESCENT DYES

N-dansylgalactosamine see dansylgalactosamine

dansyl-gamma-aminobutyrate see dansyl-4-aminobutyric acid

dansyl-Glu-Gly-Arg-chloromethyl ketone see dansylglutamyl-glycyl-arginine chloromethyl ketone

dansylglutamyl-glycyl-arginine chloromethyl ketone
(RN) 69024-84-6
(SY) DGGACMK
(SY) dansyl-Glu-Gly-Arg-chloromethyl ketone
(SY) 5-dimethylaminonaphthalene-1-sulfonylglutamyl-glycyl-arginine chloromethyl ketone
(HM) *AMINO ACID CHLOROMETHYL KETONES
(NO) inactivates bovine factor Xa

dansylglycine
(RN) 1091-85-6
(HM) GLYCINE/*analogs
(II) FLUORESCENT DYES

dansylhydrazide trivaline
(RN) 76080-91-6
(SY) trivaline dansyl hydrazide
(SY) DGTV
(SY) Val-Val-Val-dansyl hydrazide
(SY) H-Val-Val-Val-N2H2-DNS
(HM) *OLIGOPEPTIDES
(NO) do not confuse trivaline (the tripeptide) with trivaline, synonym to amantidine sulfate (Merck, 9th ed. in #377); structure in first source

dansyl hydrazine
(RN) 33008-06-9
(SY) dansylhydrazine
(HM) *HYDRAZINES
(II) FLUORESCENT DYES

dansylhydrazine see dansyl hydrazine

dansyllysine
(RN) 1101-84-4
(SY) dns-lysine
(SY) N(epsilon)-dansyl-L-lysine
(HM) LYSINE/*analogs
(NO) RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 8/4/83

2-dansyl-MIAM see 2-(5'-dimethylaminonaphthalene-1'-sulfonamido) methylimidic acid methyl ester

dansylparomomycin
(RN) 85166-09-2
(SY) dansyl-paromomycin
(HM) PAROMOMYCIN/*analogs
(HM) *DANSYL COMPOUNDS
(II) FLUORESCENT DYES

dansyl-paromomycin see dansylparomomycin

dansyl-phenylalanyl-leucyl-arginine
(SY) dns-Phe-Leu-Arg
(SY) 5-dimethylaminonaphthalene-1-sulfonyl-Phe-Leu- Arg
(HM) *DANSYL COMPOUNDS
(HM) *OLIGOPEPTIDES
(II) FLUORESCENT DYES

dansyl phosphatidylethanolamine
(SY) dansyl cephalin
(HM) *PHOSPHATIDYLETHANOLAMINES
(HM) *DANSYL COMPOUNDS
(II) FLUORESCENT DYES
(NO) fluorescent probe for monitoring lipolysis

dansylphosphatidylserine
(SY) dansyl-(3H)-phosphatidylserine
(HM) *PHOSPHATIDYLSERINES
(HM) *DANSYL COMPOUNDS
(II) FLUORESCENT DYES

dansyl-(3H)-phosphatidylserine see dansylphosphatidylserine

dansylpropranolol
(RN) 81591-69-7
(HM) PROPRANOLOL/*analogs
(II) FLUORESCENT DYES

1-dansylpyrazole
(HM) *PYRAZOLES
(HM) *DANSYL COMPOUNDS
(II) FLUORESCENT DYES
(NO) fluorescent reagent for detecting malondialdehyde in vegetable oil

dansylsarcosine
(RN) 1093-96-5
(SY) dans-sarcosine
(HM) SARCOSINE/*analogs
(HM) *DANSYL COMPOUNDS

dansyl-TPA see O-(N-dansylamino-3-tetradecanoyl)-12,O-acetyl-13-phorbol

danthron
(RN) 117-10-2
(SY) 1,8-dihydroxyanthraquinone
(SY) chrysazin
(HM) *ANTHRAQUINONES
(PA) CATHARTICS
(PA) MUTAGENS
(NO) structure

D47 antigen
(SY) D47-antigen
(HM) *ANTIGENS
(NO) isolated from human eccrine sweat glands

D47-antigen see D47 antigen

dantoin see 1,3-dichloro-5,5-dimethylhydantoin

DANZ-CAM see N-dansylaziridine-calmodulin

DAN 2163 see sultopride

DAN 603 see sulisatin

DAOAPS see 3-(dimethyl-2-(acetimidoxyethyl)ammonio) propanesulfonate

DAOC hydroxylase see deacetoxycephalosporin C hydroxylase

DAPA see tiodonium chloride

DAPC see 1,2-diarachidonoyl-glycero-3-phosphocholine

dApdA see 2'-deoxyadenylyl-(3'-5')-2'-deoxyadenosine

DAPE see 1,2-diarachidonoyl-glycero-3-phosphoethanolamine

DAPFA see 3-N,N-dimethylaminopropylfarnesyl acetate

2,4-DAP-glyoxal see 2,4-diaminopteridinylglyoxal

DAPHIO see oxytocin, (1-desaminopenicillamine, 8-alpha-hydroxyisocaproic acid)-

daphnane see mezerein

daphnetin
(RN) 486-35-1
(HM) *UMBELLIFERONES
(PA) ANALGESICS
(NO) structure given in first source

DAPI
(RN) 47165-04-8
(RR) 28718-90-3 (HCl)
(SY) 4',6-diamidino-2-phenylindole
(SY) 4,6-diamidinophenylindole
(HM) *INDOLES
(PA) TRYPANOCIDAL AGENTS
(II) FLUORESCENT DYES
(NO) RN given refers to parent cpd.

dapiprazole
(RN) 72822-12-9
(SY) 3-(2-(4-(2-methylphenyl)-1-piperazinyl)ethyl)-5,6,7,8,-tetrahydro-1,2,4-triazolo(4,3-a)pyridine HCl
(HM) *TRIAZOLES
(PA) TRANQUILIZING AGENTS, MAJOR

dapiramicin
(RN) 67298-15-1
(HM) RIBONUCLEOSIDES
(PA) ANTIBIOTICS, ANTIFUNGAL
(NO) from Micromonospora sp. SF-1917; structure given in first source

dapiramicin B
(HM) NUCLEOSIDES
(PA) ANTIBIOTICS
(NO) from Micromonospora sp. SF-1917; structure given in first source

DAP IV see dipeptidyl peptidase IV

DAPS see alpha,beta-diacryloxypropionic acid

Daptazile see amiphenazole

DAPTE see diazophenylthioether

21,22-DARB see 21,22-di-O-angeloyl-R(1)-barrigenol

darodipine see PY 108-068

DARPP 32
(SY) DARPP-32
(SY) dopamine and adenosine 3',5'-monophosphate-regulated phosphoprotein
(HM) *NERVE TISSUE PROTEINS
(II) PHOSPHOPROTEINS
(NO) MW 32,000; phosphoprotein from dopaminoceptive neurons in mammalian brain

DARPP-32 see DARPP 32

darvocet-N see distalgesic

DAS see amsonic acid

DASA see diazobenzenesulfonic acid

dasen see serratiopeptidase

DASPMI see
2-(4-(dimethylamino)styryl)-1-methylpyridinium

DASSA see amsonic acid

DAST see diethylaminosulfur trifluoride

DAT
(HM) MITOLACTOL
(HM) DOXORUBICIN
(HM) TAMOXIFEN
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds; do not confuse with a protocol called DAT protocol which consists of daunorubicin, cytarabine & thioguanine

d(A-T-A-T) see
deoxy-(adenylyl-thymidylyl-adenylyl-thymidylic acid)

DATFP-A see desaminotyrosylfibrinopeptide A

d(A-T-G-G) see
deoxyadenylyl-thymidylyl-deoxyguanylyl-deoxyguanosine

DAT I see DAT protocol

DAT II see DAT protocol

DATOP protocol
(HM) CYTARABINE
(HM) THIOGUANINE
(HM) DAUNORUBICIN
(HM) VINCRISTINE
(HM) PREDNISONE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds; used in treatment of acute lymphoblastic leukemia

dATPalphaS see 2'-deoxyadenosine
5'-O-(1-thiotriphosphate)

dATPbetaS see 2'-deoxyadenosine 5'-O-(2-thiotriphosphate)

DAT protocol
(SY) DAT I
(SY) DAT II
(HM) DAUNORUBICIN
(HM) CYTARABINE
(HM) THIOGUANINE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds; do not confuse with DAT which consists of mitolactol, doxorubicin & tamoxifen

DAT regimen see ACT

Datura stramonium lectin
(SY) jimson weed seed lectin
(SY) thorn apple seed lectin
(HM) *LECTINS
(II) STRAMONIUM
(NO) MW 86,000; dimeric lectin with 2 carbohydrate binding sites

4,4"-DAT see 4,4"-diaminoterphenyl

dauconterol see lyoniside

daunomycin-albumin conjugate
(SY) albumin-daunomycin conjugate
(SY) DA-AL conjugate
(HM) DAUNORUBICIN/*analogs
(HM) *ALBUMINS
(NO) changes ultrastructure of Trypanosoma rhodesiense

daunomycin-anti-alpha-fetoprotein antibody conjugate see anti-alpha-fetoprotein antibody-daunomycin conjugate

daunomycin-arachidonic acid complex
(RN) 86589-37-9
(SY) DM-C20-4
(HM) DAUNORUBICIN/*analogs
(HM) *ARACHIDONIC ACIDS
(PA) ANTINEOPLASTIC AGENTS
(NO) RN given refers to 8S-(8alpha,10alpha(all-Z))-isomer; structure in first source

daunomycin benzoylhydrazone see rubidazone

daunomycin-ferretin conjugate
(SY) ferretin-daunomycin conjugate
(SY) DA-Fe conjugate
(HM) DAUNORUBICIN/*analogs
(HM) FERRITIN/*analogs
(NO) changes ultrastructure of Trypanosoma rhodesiense

daunomycinol see daunorubicinol

daunomycinone
(RN) 21794-55-8
(SY) daunorubicin aglycone
(SY) daunorubicinone
(SY) rubomycin aglycone
(HM) *NAPHTHACENES
(NO) the aglycone of daunomycin; structure

daunomycin receptor see daunorubicin receptor

daunomycin receptors see daunorubicin receptor

daunorubicin aglycone see daunomycinone

daunorubicin-anti-alpha-fetoprotein antibody conjugate see anti-alpha-fetoprotein antibody-daunomycin conjugate

daunorubicin-binding protein
(SY) anthracycline-binding protein
(SY) DNR-BP
(HM) *CARRIER PROTEINS
(II) DAUNORUBICIN
(NO) MW 54,000; 4 polypeptides; from soluble fraction of rat liver

daunorubicin-DNA
(SY) rubomycin-DNA complex
(HM) *DNA
(HM) *DAUNORUBICIN
(NO) complex of above two cpds to reduce toxicity of doxorubicin

daunorubicinol
(RN) 28008-55-1
(RR) 28008-53-9 (HCl)
(SY) duborimycin
(SY) daunomycinol
(SY) 13-dihydrodaunorubicin
(SY) dihydrodaunomycin
(SY) leukaemomycin D
(HM) DAUNORUBICIN/*analogs
(NO) main metabolite of daunomycin; structure; RN given refers to parent cpd.

daunorubicinone see daunomycinone

daunorubicin receptor
(SY) receptor, daunorubicin
(SY) daunorubicin receptors
(SY) daunomycin receptor
(SY) daunomycin receptors
(SY) receptor, daunomycin
(HM) *RECEPTORS, IMMUNOLOGIC
(II) DAUNORUBICIN

daunorubicin receptors see daunorubicin receptor

daunorubicin reductase
(RN) EC 1.1.1.-
(SY) aldo-keto reductase
(HM) *ALCOHOL OXIDOREDUCTASES
(NO) converts daunorubicin to daunorubicinol; also reduces various sugar substrates, acting on aldehyde & keto groups to give alcohols; from rat liver; requires NADPH

daunorubicin semiquinone radicals
(HM) DAUNORUBICIN/*analogs
(NO) generated by one-electron reduction using xanthine oxidase

daunosamine
(RN) 26548-47-0
(RR) 19196-51-1 (HCl)
(HM) *HEXOSAMINES
(NO) amino sugar moiety common to adriamycin & daunomycin; RN given refers to (L-lyxo)-isomer; see also ristosamine, (L-ribo)-isomer: 51869-30-8 & acosamine, (L-arabino)-isomer: 41094-24-0; structure

dauricine
(RN) 524-17-4
(RR) 66825-32-9 (mono-HCl)
(SY) 4-((1,2,3,4-tetrahydro-6,7-dimethoxy-2-methyl-1-isoquinolinyl)methyl)-2-(4-((1,2,3,4-tetrahydro-6,7-dimethoxy-2-methyl-1-isoquinolinyl)methyl) phenoxy)phenol
(HM) *ISOQUINOLINES
(PA) ANTIHYPERTENSIVE AGENTS
(NO) RN given refers to parent cpd

1,3,7-DAU see
6-amino-5-(formyl-N-methylamino)-1,3-dimethyluracil

DAV
(HM) DACARBAZINE
(HM) NITROSOUREA COMPOUNDS
(HM) VINCRISTINE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of dacarbazine, ACNU, and vincristine

davainex see butynorate

davercin see erythromycin A cyclic 11,12-carbonate

dAVT see vasotocin, 1-(3-mercaptopropanoic acid)-8-Arg-

dawsonite see dihydroxyaluminum sodium carbonate

Day Nurse
(HM) *PHENYLPROPANOLAMINE
(HM) *ACETOMINOPHEN
(HM) *DEXTROMETHORPHAN
(HM) *ASCORBIC ACID
(HM) DRUG COMBINATIONS
(PA) VASOCONSTRICTOR AGENTS, NASAL
(II) COMMON COLD/drug ther
(NO) combination product of above four cpds; formulated to relieve major symptoms of common cold

5-DAZFEP see 5-deazaflavin 4,5-epoxide

dazmegrel see UK 38,485

dazomet
(RN) 533-74-4
(SY) Basamide
(SY) thiazone
(HM) *THIADIAZINES
(PA) NEMATOCIDES
(PA) HERBICIDES
(PA) ANTIFUNGAL AGENTS
(NO) fumigant for poultry litter & eggs to control salmonella; structure

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dazoxiben
(RN) 78218-09-4
(RR) 74226-22-5 (HCl)
(SY) 4-(2-(1H-imidazol-1-yl)ethoxy)benzoic acid hydrochloride
(SY) UK-37248
(SY) UK-37,248
(SY) UK-37,248-01
(SY) UK 37248
(SY) UK 37248-01
(HM) *IMIDAZOLES
(PA) THROMBOXANE SYNTHETASE/antag
(NO) selective inhibitor of thromboxane synthetase; RN given refers to parent cpd

dazoxiben glucuronide
(RN) 82345-75-3
(HM) *IMIDAZOLES
(NO) major metabolite of dazoxiben

4-DAZPG see 4-diazophenylgalactoside

DA-3177 see DA 3177

DA 3177
(RN) 51598-60-8
(SY) scopolamine N-(cyclopropylmethyl)bromide
(SY) DA-3177
(SY) cimetropium
(HM) *SCOPOLAMINE DERIVATIVES
(PA) PARASYMPATHOLYTICS

DA 4577
(RN) 83184-43-4
(SY) DA-4577
(SY) 4(5)-(4-isopropylaminomethyleneiminophenyl) imidazole
(SY) mifentidine
(HM) *IMIDAZOLES
(PA) HISTAMINE H2 RECEPTOR BLOCKADERS
(PA) ANDROGEN ANTAGONISTS

DA-4577 see DA 4577

DA 4643
(SY) DA-4643
(SY) N-methyl-N'-(3-(2-guanidinothiazol-4-yl)phenyl) formamidine
(HM) *THIAZOLES
(PA) HISTAMINE H2 RECEPTOR BLOCKADERS
(NO) structure given in first source

DA-4643 see DA 4643

D-A-5-P see arabinose 5-phosphate

8-B-2-DA see 8-bromo-2'-deoxyadenosine

DB(a,e)P see dibenzo(a,e)pyrene

DB agglutinin receptor see Dolichos biflorus lectin receptor

2,2-DBAP see 2,2-di-sec-butoxyacetophenone

2-DBBD see 2,2-dimethyl-5-tert-butyl-1,3-benzodioxole

DBCEAMP see
2,4-diamino-6-(bis-2-chloroethyl)aminomethylpteridine

DBCP see 1,2-dibromo-3-chloropropane

DBDS see 4,4'-dibenzamido-2,2'-stilbenedisulfonic acid

12,13-DBFADD see
12,13-dihydro-12,13-dihydroxydibenzo(a,e)fluoranthene

3,4-DBFADD see
3,4-dihydro-3,4-dihydroxydibenzo(a,e)fluoranthene

DBHDase see delta(5)-3 beta-hydroxysteroid dehydrogenase

DBHMD see N,N'-dibutyl-1,6-hexanediamine

DBI see 5-methoxy-methylindoleacetic acid

10-DB III see 10-deacetylbaccatine III

DBIPA see
5,6-bis(dibenzyloxy)-1-oxo-2-propyl-2-indanpropionic acid

DBI peptide see diazepam binding inhibitor

DBLCA see di-beta-lysyl capreomycin IIA

DB lectin receptor see Dolichos biflorus lectin receptor

DBM paper see diazobenzyloxymethyl groups

3,3-DBMPF see 3,3-dimethyl-2-butyl methylphosphonofluoridate

DBP see dicarboxylate-binding protein

1-DBPAP see
1-(2,5-dimethoxy-4-(2-butyl)phenyl)-2-aminopropane

DBPI-rifamycin S see
4-deoxy-3'-bromopyrido(1',2'-1,2)imidazo(5,4-c) rifamycin S

DBPS see discoidin-binding polysaccharide

2,6-DBP see 2,6-dibromophenol

2,6-DBQC see 2,6-dibromoquinone 4-chlorimide

DBVCy
(HM) DAUNORUBICIN
(HM) BLEOMYCINS
(HM) VINCRISTINE
(HM) NITROGEN MUSTARD COMPOUNDS
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of daunoblastin, bleomycin, vincristine & cytostasan

DB 112 see clocoumarol

DCAF see
2,4-bis(N,N'-di(carboxymethyl)aminomethyl)fluorescein

DCA malonyltransferase see
malonyl-CoA-3,4-dichloroaniline N-malonyltransferase

DCBAP see dichlorobis(azomycin)platinum II

7,8-DCBI see
7,8-dimethyl-10-(3-chlorobenzyl)isoalloxazine

DCBMP see
5-((2',6'-dichlorobenzylidene))-6-methyl-(2H,4H)-3-pyridazinone

2,4-DCBP see 2,4-diamino-5-cyano-6-bromopyridine

DCCDBP see dicyclohexylcarbodiimide-binding protein

DCCDBPL see dicyclohexylcarbodiimide-binding proteolipid

DCCM
(HM) DOXORUBICIN
(HM) CYCLOPHOSPHAMIDE
(HM) CITROVORUM FACTOR
(HM) METHOTREXATE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

(G-dC) copolymer see poly(rG-dC).poly(rG-dC)

DCDAVP
(RN) 54594-15-9
(RR) 54539-92-3 (L)-isomer
(SY) DC5-DAVP
(SY) (6,1-beta-deaminocystathionine-8-D-arginine) vasopressin
(SY) vasopressin, (6,1-beta-deaminocystathionine-8-D-Arg)-
(SY) desamino-6-carba-(3-D-arginine)vasopressin
(HM) DESMOPRESSIN/*analogs
(NO) RN given refers to (D)-isomer; RN for cpd without isomeric designation not in Chemline 7/15/83

DC6-DAVP see DCDAVP

(dC-dG)(3) see tri(deoxycytidylic acid-deoxyguanylic acid)

(dC-dG)(4) see tetra(deoxycytidylic acid-deoxyguanylic acid)

dCDP see deoxycytidine diphosphate

DCDPP see N-(2-(dimethylamino)cyclopentyl)-N-(3,4-dichlorophenyl)propanamide

DC-GP-insulin see insulin, dicitraconyl Gly(A1)Phe(B1)-

DCHA see dicyclohexylamine

DCHBTC see 5,5-dimethyl-1,3-cyclohexanedione bis (thiosemicarbazone)

DCHPEP II see
dichloro(1,2-bis(4-hydroxyphenyl)ethylenediamine) platinum II

DCHPEPO see
6-(2-(2,4-dichloro-6-hydroxyphenyl)ethyl)-3,4,5,6-tetrahydro-4-hydroxy-2H-pyran-2-one

1,25-DC-24-hydroxylase see 1 alpha,25-dihydroxycholecalciferol-24-hydroxylase

DC-21-IC see deoxycorticosterone 21-(1-imidazole)carboxylate

DCIP reductase see dichlorophenolindophenol reductase

2,4-DCIP see 2,4-diamino-5-cyano-6-iodopyridine

4,4-DCKD see 4,4-dimethylthiochroman-6-yl methyl ketone 1,1-dioxide

DCLAL see diacetyllysylalanine lactate

3,4-DCL see 3,4-dichloroisocoumarin

2-DCMBI see 2-(dichloromethyl)benzimidazole

DCMBT see 4',4'-dichloromercuric-2,2,2',2'-bistilbene tetrasulfonic acid

4,5-DCMDB see 4,5-dichloro-1,2-methylenedioxybenzene

DCMDTC see dicarboxymethyldithiocarbamate

DCMGP see 6,6'-di-O-corynomycolyl galactopyranosyl-galactopyranoside

dCMP-d-guanosine see
deoxycytidylyl-(3'-5')-deoxyguanosine

DCMP hydromethyltransferase see deoxycytidylate hydroxymethyltransferase

DCMP hydroxymethylase see deoxycytidylate hydroxymethyltransferase

DCMPII see
2-(2,3-dichloro-6-methylphenylimino)imidazolidine

dCMP kinase see cytidylate kinase

DCMP protocol
(SY) DCMP regimen
(HM) DAUNORUBICIN
(HM) CYTARABINE
(HM) 6-MERCAPTOPURINE
(HM) PREDNISOLONE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

DCMP regimen see DCMP protocol

DCNA see dichloran

dcomot see
1-deamino-1-monocarba-(2-O-methyltyrosine)oxytocin

26-DCO see 26-nor-25-doxylcholestanol

DCPA
(RN) 1861-32-1
(SY) Dacthal
(HM) *PHTHALIC ACIDS
(PA) HERBICIDES
(NO) structure

1,2-DCPA see 1,2-dimethyl-3-(4-chlorophenyl)diaziridine

dCpdG see deoxycytidylyl-(3'-5')-deoxyguanosine

DCPE see 3,4-dichlorophenylethanolamine

DCPHMP see
5-((2',6'-dichlorophenyl)hydroxymethyl)-6-methyl-4,5-dihydro(2H)-3-pyridazinone

2-DCPI see 2-(2,2-diphenylcyclopropyl)-1H-imidazole

DCPPDCT see 2,5-dichlorophenyl phosphorodichloridothioate

2,3-DCP see 2,3-dichloro-1-propene

DCP 340 see calcium phosphate

DCRFB-2'-monophosphate see
5,6-dichloro-1-beta-ribofuranosylbenzimidazole 2'-phosphate

DCRFB 2'-phosphate see
5,6-dichloro-1-beta-ribofuranosylbenzimidazole 2'-phosphate

DCTA see CDTA

DC-2,4,5-TBI see
2,4,5-tribromoimidazole-1-dimethylcarbamic acid

DCTFMP see
1,3-dichloro-6-trifluoromethyl-9-phenanthryl-3-(n-butyl)aminopropanol

DCTMCP see 1,1-dichloro-2,2,3,3-tetramethylcyclopropane

dCTP see 2'-deoxycytidine 5'-triphosphate

dCTPase see deoxycytidinetriphosphatase

dCTP deaminase
(RN) EC 3.5.4.13
(SY) deoxycytidine triphosphate deaminase
(HM) *NUCLEOTIDE DEAMINASES

DCTP protocol see DCTP regime

DCTP regime
(SY) TRAP
(SY) DCTP protocol
(HM) DAUNORUBICIN
(HM) CYTARABINE
(HM) THIOGUANINE
(HM) PREDNISOLONE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds; used in therapy of adult non-lymphocyte leukemia

DCTQ see SK&F 64139

DC(M)VP
(SY) DVMP
(HM) DAUNORUBICIN
(HM) VINCRISTINE
(HM) PREDNISOLONE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(II) MERCAPTOPURINE
(NO) chemotherapy protocol consisting of above cpds and cytarabine or mercaptopurine; DVMP refers to protocol with mercaptopurine

DC yellow 11 see D.C. Yellow dye No. 11

DCYMT see 6,6'-dicorynomycolyl trehalose

D-D see Fumigant 93

DDA
(RN) 83-05-6
(RR) 63019-06-7 (Na salt)
(RR) 56516-70-2 (K salt)
(RR) 66407-07-6 (14C-labeled cpd)
(SY) bis(p-chlorophenyl)acetic acid
(HM) DDT/*analogs
(PA) IMMUNOSUPPRESSIVE AGENTS
(II) MITOGENS
(NO) a metabolite of DDT; RN given refers to parent cpd.

dDAlaAVP see vasopressin, 9-Ala-NH(2)-Arg-

4,5-DDAL see 4,5-dihydroxy-n-decanoic acid-4-lactone

2-DDANA see 2-deoxy-2,3-dehydro-N-acetylneuraminic acid

DDAO see dodecyldimethylamine oxide

dda protein see gene proteins, viral

4-DDBA see
4-(1,2-dicarba-closo-dodecaboran-2-yl)benzenediazonium

1,2-DDBP see benzo(c)phenanthrene 1,2-dihydrodiol

5,6-DDBP see benzo(c)phenanthrene 5,6-dihydrodiol

DDCDM see N,N-didemethylchlordimeform

DDCP see N,N-didemethylchlorpheniramine

2',3'-ddCTP see 2',3'-dideoxycytidine 5'-triphosphate

DDDDB see
dimethyl-3,8-diaza-4,7-dioxo-5,6-dihydroxydecanbis (imidate)

DDDDI see
dimethyl-3,8-diaza-4,7-dioxo-5,6-dihydroxydecanbis (imidate)

DDDD-PGD2 see
9-deoxy-9,10-didehydro-12,13-didehydro-13,14-dihydroprostaglandin D2

2,3-DDDPGF1alpha see
2,3-dinor-6,15-diketo-13,14-dihydroprostaglandin F1alpha

DDEA see di-N-desethylamiodarone

3,6-DDED see 3',6'-dihydroxy-3',5'-diepidaunorubicin

Dde 1 endonuclease see endodeoxyribonuclease Dde1

DDEP see etoprine

2,3-DDGA see 2,3-diamino-2,3-dideoxyglucuronic acid

ddGDP see 2',3'-dideoxyguanosine 5'-diphosphate

DDGHPA see
6,7-dideoxy-alpha-D-gluco-heptose-7-phosphonic acid

ddGTP see 2',3'-dideoxyguanosine 5'-triphosphate

2,6-DDICPP see
2,6-dimethyl-3,5-dicarbomethoxy-4-(2-isothiocyano) phenyl-1,4-dihydropyridine

DDISA see diazodiiodosulfanilic acid

2,3-DD-mannuronic acid see
2,3-diacetamido-2,3-dideoxymannuronic acid

7,8-DDMBP see
7,8-dihydroxy-7,8-dihydro-8-methylbenzo(a)pyrene

DDMMP see
3-dimethylamino-2-dimethylaminomethyl-1-(4-methoxyphenyl)-1-propanone

DDMP see methodichlorophen

N-DDMPA see N-didesmethylpheniramine

DDMU
(RN) 1022-22-6
(SY) DME
(SY) 1-chloro-2,2-bis(p-chlorophenyl)ethylene
(HM) DDE/*analogs

1,2-DDNCR see
1,2-dihydro-1,2-dihydroxy-6-nitrochrysene

DDNS see
dimethylaminonaphthalene-5-sulfonaminoethylmethylamine

DDODAB see dimethyldioctadecylammonium

1,2-DDONA see 1,2-dihydro-4,4-dimethyl-1-oxo-2-naphthalenecarboxylic acid

trans-DDP see transplatin

1,2-DDPATC see
1,2-dihydroxy-6-((N-dipropyl)amino)-6,7,8,9-tetrahydrobenzocycloheptene

DDP-BLM
(HM) CISPLATIN
(HM) BLEOMYCINS
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

DDPD see N,N'-diphenyl-4-phenylenediamine

DDPDU see
N-(2-diisopropylaminoethyl)-N-(4,6-dimethyl-2-pyridyl) -N',N'-dimethylurea

6,15-DDPF see 6,15-diketo-13,14-dihydroprostaglandin F1alpha

DDPM see dihydroxydiphenyl-pyridyl methane

DDPOS-POS transferase see oligosaccharide transferase

DDPPC see dodecylphosphocholine

7,8-DDPPO see
7,8-dihydro-7,8-dihydroxybenzo(a)pyrene-9,10-oxide

DDPQ see BL-20803

Dd-ras protein see ras proteins, fungal

5,10-DDTAP see
5,10-dideaza-5,6,7,8-tetrahydroaminopterin

DDT-dehydrochlorinase
(RN) EC 4.5.1.1
(RR) 9031-20-3 (CRN)
(HM) *LYASES

5,10-DDTF see 5,10-dideaza-5,6,7,8-tetrahydrofolic acid

22-M-20,22-DDTG see
22-methylene-20,22-dihydrodigitoxigenin

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o,p'-DDT
(RN) 789-02-6
(RR) 58633-26-4 ((R)-isomer)
(SY) 2,4'-DDT
(HM) *DDT
(II) ISOMERISM
(NO) RN given refers to cpd without isomeric designation.

2,4'-DDT see o,p'-DDT

DD-234 see N-methylscopolamine

DD-3314 see oxepinac

DD 3480 see timiperone

DEAB see C.I. Solvent Yellow 56

deacetoxycephalosporin C
(RN) 26924-74-3
(RR) 55601-34-8 (di-Na salt)
(RR) 60939-20-0 (mono-Na salt)
(RR) 49845-68-3 ((6R-(6alpha,7beta))-isomer)
(SY) desacetoxycephalosporin C
(HM) *CEPHALOSPORINS
(NO) RN given refers to (6R-(6alpha,7beta(R*)))-isomer; RN for cpd without isomeric designation not in Chemline 7/15/83; structure given in first source

deacetoxycephalosporin C hydroxylase
(RN) EC 1.14.11.-
(SY) DAOC hydroxylase
(HM) *OXYGENASES
(NO) from Streptomyces clavuligerus; hydroxylates deacetoxycephalosporin C at the C3 methyl group to yield deacetylcephalosporin C

deacetoxycephalosporin C synthetase
(RN) EC 5.4.99.-
(HM) *ISOMERASES
(NO) converts penicillin N by expansion of the 5-membered ring containing sulfur and nitrogen, transfering methyl side chain into the ring; requires ATP

25-deacetoxy-25-hydroxyrifamycin S
(RN) 17555-51-0
(SY) 25-deacetoxy-25-epi-hydroxyrifamycin S
(SY) 25-DEHR
(HM) *RIFAMYCINS
(NO) structure given in first source

25-deacetoxy-25-epi-hydroxyrifamycin S see 25-deacetoxy-25-hydroxyrifamycin S

deacetylase
(RN) EC 3.5.-
(SY) N-deacetylase
(HM) *AMIDOHYDROLASES

N-deacetylase see deacetylase

deacetylated ketoconazole see R 39519

10-deacetylbaccatine III
(SY) 10-deacetylbaccatin III
(SY) 10-DB III
(HM) *TRITERPENES
(NO) structure given in first source

10-deacetylbaccatin III see 10-deacetylbaccatine III

deacetylbisacodyl see dihydroxydiphenyl-pyridyl methane

deacetylcefotaxime see desacetylcefotaxime

deacetylcephalosporin C
(RN) 1476-46-6
(RR) 51921-09-6 (duplicate RN for (6R-(6alpha,7beta))-isomer)
(RR) 55639-56-8 ((6R-(6alpha,7beta))-isomer)
(RR) 56112-03-9 (mono-K salt)
(RR) 55881-80-6 (K salt)
(RR) 26924-64-1 (Na salt)
(RR) 14488-15-4 (mono-Na salt)
(HM) *CEPHALOSPORINS
(NO) RN given refers to (6R-(6alpha,7beta(R*)))-isomer; RN for cpd without isomeric designation not in Chemline 7/15/83

deacetylcolchicine see trimethylcolchicinic acid methyl ether

deacetyldiltiazem
(RN) 42399-40-6
(RR) 75472-91-2 (HCl(cis-(+-))-isomer)
(RR) 40601-99-8 (HCl(cis)-isomer)
(RR) 36913-08-3 ((cis)-isomer)
(RR) 31953-13-6 (HCl(trans)-isomer)
(RR) 42399-39-3 (duplicate RN)
(SY) desacetyldiltiazem
(HM) *DILTIAZEM/analogs
(NO) metabolite of diltiazem; RN given refers to (cis-(+-))-isomer; RN for cpd without isomeric designation not in Chemline 8/4/83

deacetyllankamycin see kujimycin A

deacetyllevonantradol see desacetylnantradol

deacetylmoxisylyte
(RN) 35231-36-8
(RR) 16809-53-3 (HCl)
(HM) THYMOXAMINE/*analogs

deacetylnantradol see desacetylnantradol

N(2')-deacetyl-N(2')-(1-oxopropyl)maytansine see maytanprine

deacetyl-PAF see O-deacetyl platelet activating factor

O-deacetyl platelet activating factor
(SY) 1-O-alkylglyceryl-3-phosphorylcholine
(SY) deacetyl-PAF
(SY) lyso-PAF
(SY) 2-lyso PAF-acether
(HM) PLATELET ACTIVATING FACTOR/*analogs
(NO) released from leukocytes

25-deacetylrifampicin
(RN) 16783-99-6
(SY) 25-desacetylrifampicin
(SY) desacetylrifampicin
(HM) RIFAMPIN/*analogs
(NO) main metabolite of rifampin in biological fluids; structure in first source

15-deacetylsergeolide
(HM) *PHENANTHRENES
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(NO) antileukemic quassinoid from Picrolemma pseudocoffea; structure given in first source

deacetylspironolactone see 7 alpha-thiospironolactone

deacetylthymosin beta(4)
(SY) deacetyl-thymosin beta(4)
(HM) THYMOSIN/*analogs
(NO) amino acid sequence given in first source

deacetyl-thymosin beta(4) see deacetylthymosin beta(4)

deacetylthymosine alpha1 see desacetylthymosine alpha(1)

2-deacetyl-2-vinylbacteriopheophorbide see pheophorbide a

deacylcortivazol
(RN) 4906-84-7
(SY) 11 beta,17,21-trihydroxy-6,16 alpha-dimethyl-2'-phenyl-2'H-pregna-2,4,6-trieno(3,2-c)pyrazol-20- one
(HM) *PREGNATRIENES
(NO) acts through glucocorticoid receptors; structure given in first source

deacylcortivazol 21-mesylate
(SY) 11,17,21-trihydroxy-6,16-dimethyl-2'-phenyl-2'H-pregna-2,4,6-trieno(3,2-c)pyrazol-20-one-21-methanesulfonate
(HM) *PREGNATRIENES
(II) GLUCOCORTICOIDS, SYNTHETIC

deacylketoconazole
(HM) *IMIDAZOLES
(PA) ANTIFUNGAL AGENTS

DEAE see 2-diethylaminoethanol

DEAE affigel blue
(RN) 85205-08-9
(SY) DEAE-Affi-Gel Blue
(HM) *TRIAZINES
(II) DYES
(NO) cibacron blue F3GA coupled to DEAE Bio-gel A for bifunctional exclusion chromatography matrix

DEAE-Affi-Gel Blue see DEAE affigel blue

O-DEAEHA see O-beta-diethylaminoethylhydroxylamine

DEAE-Sephadex A-50
(RN) 39455-31-7
(SY) 2-(diethylamino)ethyl ether Sephadex A50
(HM) *DEAE-DEXTRAN/analogs
(II) INDICATORS AND REAGENTS

DEAE-Sepharose CL-6B
(RN) 68652-08-4
(SY) sepharose CL 6B-2-(diethylamino)ethyl ether
(HM) SEPHAROSE/*analogs
(II) INDICATORS AND REAGENTS

dealanylalahopcin
(SY) 2-amino-4-formyl-3-(hydroxyaminocarbonyl) butyric acid
(HM) AMINOBUTYRIC ACIDS
(PA) ANTIBIOTICS
(NO) isolated from Streptomyces albulus subsp. ochragerus

dealanylascamycin see AT 265

DE-alpha-MSH see ACTH(1-13)

deamido-NAD see nicotinic acid adenine dinucleotide

deamidonicotinamide adenine dinucleoetide see nicotinic acid adenine dinucleotide

27-deamidosecretin
(SY) 27-desamidosecretin
(HM) SECRETIN/*analogs

deamido-TRH
(RN) 24769-58-2
(SY) TRH-OH
(SY) pyroglutamyl-histidyl-proline
(HM) THYROTROPIN RELEASING HORMONE/*analogs

1-deamino-4-(2-aminobutyric acid)-8-arginine vasopressin see vasopressin, 1-deamino-(4-(2-aminobutyric acid)-8-Arg-

4-deamino-4-azidoclebopride see azidoclebopride

1-deamino-(3-(4-azido-Phe))-8-Lys-vasopressin see vasopressin, 1-deamino-(3-(4-azido-Phe))-8-Lys-

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1-deamino-(3-(4-azidophenylalanyl))-8-lysine- vasopressin see vasopressin, 1-deamino-(3-(4-azido-Phe))-8-Lys-

3'-deamino-3'-(3-cyano-4-morpholinyl) doxorubicin

(RN) 88254-07-3
(RR) 89196-08-7 ((S-(8S-cis))-isomer)
(SY) A-489
(SY) A 489
(SY) MRA-CN
(HM) DOXORUBICIN/*analogs
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) more effective and has lower toxicity than doxorubicin

1-deamino-2-deoxy-1-hydroxystreptamine see S-11-P

deamino-dicarba-arginine-8-vasopressin see vasopressin, 1,6-Asu-8-Arg-

deaminodicarbaoxytocin see oxytocin, 1,6-alpha-Asu-

deamino-1,6-dicarba-oxytocin see oxytocin, 1,6-alpha-Asu-

1-deamino-2-O-ethyl-oxytocin see oxytocin, 1-deamino-2-O-ethyl-

2-deaminofolic acid

(SY) 2-DAFA
(HM) FOLIC ACID/*analogs

1-deaminogentamicin C2

(RN) 86362-50-7
(SY) 1-DGMC2
(HM) *GENTAMICINS
(NO) synthetic antibiotic; structure given in first source

1-deaminoglypressin see 1-deamino-triglycyl-8-lysine-vasopressin

deamino-homoarginine vasopressin see vasopressin, deamino-homo-Arg-

1-deamino-8-homoarginine vasopressin see vasopressin, deamino-homo-Arg-

1-deamino-8-D-homoarginine-vasopressin see vasopressin, deamino-homo-Arg-

deamino-homo-Arg-vasopressin see vasopressin, deamino-homo-Arg-

4"-deamino-4"-hydroxyapramycin see saccharocin

3'-deamino-3'-hydroxydaunorubicin

(SY) 3'-deamino-4'-epi-3'-hydroxydaunorubicin
(SY) 3'-DEHD
(HM) DAUNORUBICIN/*analogs
(NO) structure given in first source

3'-deamino-4'-epi-3'-hydroxydaunorubicin see 3'-deamino-3'-hydroxydaunorubicin

3'-deamino-3'-hydroxydoxorubicin

(SY) 3-DHD
(SY) 3'-deamino-4'-epi-3'-hydroxydoxorubin
(HM) DOXORUBICIN/*analogs
(NO) structure given in first source

3'-deamino-4'-epi-3'-hydroxydoxorubin see 3'-deamino-3'-hydroxydoxorubicin

6'''-deamino-6'''-hydroxyneomycin B

(SY) DEHMB
(HM) FRAMYCETIN/*analogs
(NO) structure given in first source

6'''-deamino-6'''-hydroxyparomomycin I

(SY) DEHPI
(HM) PAROMOMYCIN/*analogs
(NO) structure given in first source

1-deamino-(8-Lys-N-(Gly-Gly-Gly))-VP see 1-deamino-triglycyl-8-lysine-vasopressin

1-deamino-(2-(O-methyl)Tyr)Arg-vasopressin see vasopressin, 1-deamino-(2-(O-methyl)Tyr)-4-Val-8-Arg-

1-deamino-(2-(O-methyl)tyrosyl)arginine vasopressin see vasopressin, 1-deamino-(2-(O-methyl)Tyr)-4-Val-8-Arg-

1-deamino-1-monocarba-(2-O-methyltyrosine)oxytocin

(RN) 37025-55-1
(SY) 1-desamino-1-monocarba-(2-Tyr(OMe))oxytocin
(SY) dcomot
(HM) OXYTOCIN/*analogs
(PA) OXYTOCICS
(II) DELAYED-ACTION PREPARATIONS

deamino-NADH see nicotinamide-hypoxanthine dinucleotide

deaminooxytocin

(RN) 113-78-0
(RR) 31796-70-0 ((enantio)-isomer)
(SY) desaminooxytocin
(SY) demoxytocin
(SY) Sandopart
(SY) ODA-914
(HM) OXYTOCIN/*analogs
(PA) OXYTOCICS
(NO) octa-peptide lacking free amino group on cystine residue; RN given refers to cpd without isomeric designation

(1-deaminopenicillamine-2-(O-methyl)Tyr)Arg- vasopressin see vasopressin, (1-deaminopenicillamine-2-(O-methyl)Tyr) Arg-

(1-deaminopenicillamine, 2-(O-methyl)tyrosine)-arginine-vasopressin see vasopressin, (1-deaminopenicillamine-2-(O-methyl)Tyr) Arg-

(1-deaminopenicillamine-2-(O-methyl)tyrosyl)arginine vasopressin see vasopressin, (1-deaminopenicillamine-2-(O-methyl)Tyr) Arg-

(1-deaminopenicillamine-4-Val-8-Arg)vasopressin see vasopressin, (1-deaminopenicillamine-4-Val-8-Arg)-

(1-deaminopenicillamine, 4-valine, 8-D-arginine) vasopressin see vasopressin, (1-deaminopenicillamine-4-Val-8-Arg)-

(1-deaminopenicillamine-4-valyl-8-arginine)vasopressin see vasopressin, (1-deaminopenicillamine-4-Val-8-Arg)-

1-deamino-2-Phe-7-(3,4-dehydro-Pro)-8-Arg-vasopressin see vasopressin, 1-deamino-2-Phe-7-(3,4-dehydro)Pro-8-Arg-

1-deamino-2-phenylalanyl-7-(3,4-dehydroprolyl)-8-arginine-vasopressin see vasopressin, 1-deamino-2-Phe-7-(3,4-dehydro)Pro-8-Arg-

1-deamino-triglycyl-8-lysine-vasopressin

(RN) 80741-20-4
(SY) 1-deamino-(8-Lys-N-(Gly-Gly-Gly))-VP
(SY) glypressin, 1-deamino
(SY) 1-deaminoglypressin
(HM) LYPRESSIN/*analogs

deaminotyrosyl-fibrinopeptide A see desaminotyrosylfibrinopeptide A

1-deamino-4-Val-8-Arg-vasopressin see vasopressin, 1-deamino-4-Val-8-Arg-

(1-deamino,4-valine)-8-D-arginine vasopressin see vasopressin, 1-deamino-4-Val-8-Arg-

1-deamino-4-valyl-8-arginine vasopressin see vasopressin, 1-deamino-4-Val-8-Arg-

deanol aceglutamate see Cleregil

deanol acetamidobenzoate

(RN) 3635-74-3
(SY) Biminol
(HM) *DEANOL/analogs
(NO) CNS stimulant; structure

Deanxit

(RN) 76391-77-0
(HM) *FLUPENTHIXOL
(HM) *ANTHRACENES
(HM) DRUG COMBINATIONS
(NO) contains melitracen & flupenthixol

5-DEAP-psoralen see 5-(3-diethylaminopropoxy)psoralen

8-DEAP-psoralen see 8-(3-diethylaminopropoxy)psoralen

2,2-DEAP see 2,2-diethoxyacetophenone

de-arg(9)-bradykinin see bradykinin, 9-des-Arg-

1-dearginyl-2-deprolyl-3-delysine-substance P see substance P, des-Arg(1)-des-Pro(2)-des-Lys(3)-

1-dearginyl-2-deprolyl-3-delysyl-4-deproline- substance P see substance P, de-Arg(1)-des-Pro(2)-des-Lys(3)-des-Pro (4)-

1-dearginyl-2-deprolyl-3-delysyl-4-deprolyl-5-deglutamine-substance P see substance P, des-Arg(1)-des-Pro(2)-des-Lys(3)-des-Pro (4)-des-Gln(5)-

1-dearginyl-2-deprolyl-substance P see substance P(3-11)

1-de-L-aspartic acid angiotensin I see angiotensin I, des-Asp-

1-de-L-aspartic acid-2-de-L-arginineangiotensin II see angiotensin II, 1-des-Asp-2-des-Arg-

1-de-L-aspartic acid-8-L-isoleucineangiotensin II see angiotensin III, 8-Ile-

DEAVP see vasopressin, 9-des-Gly-NH(2)-8-Arg-

7-deazaadenine

(RN) 1500-85-2
(HM) ADENINE/*analogs

9-deazaadenosine triphosphate

(RN) 86568-55-0
(SY) C9ATP
(HM) ADENOSINE TRIPHOSPHATE/*analogs

3-deazaadenosine

(RN) 6736-58-9
(RR) 86583-19-9 (HCl)
(HM) *TUBERCIDIN
(II) ISOMERISM
(NO) RN given refers to parent cpd.

9-deazaadenosine

(RN) 77691-03-3
(SY) C9Ado
(HM) *TUBERCIDIN
(PA) ANTINEOPLASTIC AGENTS
(II) ISOMERISM

S-(3-deazaadenosyl)-L-homocysteine monohydrate see S-(3-deazaadenosyl)homocysteine

3-deazaadenosylhomocysteine see S-(3-deazaadenosyl)homocysteine

S-(3-deazaadenosyl)homocysteine

(RN) 53199-57-8
(SY) S-(3-deazaadenosyl)-L-homocysteine
(SY) 3-deazaadenosylhomocysteine
(SY) S-(3-deazaadenosyl)-L-homocysteine monohydrate
(HM) S-ADENOSYLHOMOCYSTEINE/*analogs
(NO) structure in first source

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S-(3-deazaadenosyl)-L-homocysteine see S-(3-deazaadenosyl)homocysteine

3-deaza-C-ado see carbocyclic 3-deazaadenosine

10-deaza-aminopterin see 10-deazaaminopterin

10-deazaaminopterin
(RN) 52454-37-2
(RR) 64604-14-4 (mono-HCl)
(RR) 87339-09-1 (cpd with unspecified HCl)
(RR) 66881-13-8 (cpd with unspecified Na salt)
(SY) 10-deazaminopterin
(SY) 10-deaza-aminopterin
(HM) AMINOPTERIN/*analogs
(PA) FOLIC ACID ANTAGONISTS
(PA) ANTINEOPLASTIC AGENTS

5-deazaaminopterin
(HM) AMINOPTERIN/*analogs
(PA) TETRAHYDROFOLATE DEHYDROGENASE/antag
(NO) structure given in first source

3-deazaaristeromycin
(RN) 58316-88-4
(SY) 3-deaza-aristeromycin
(HM) ADENOSINE/*analogs
(PA) ENZYME INHIBITORS
(NO) antagonist of S-adenosylhomocysteinase

3-deaza-aristeromycin see 3-deazaaristeromycin

3-deazacytidine
(RN) 28307-19-9
(HM) CYTIDINE/*analogs
(PA) ANTINEOPLASTIC AGENTS
(NO) structure

3-deaza-2'-deoxyguanosine
(SY) 7-(2-deoxy-beta-D-ribofuranosyl)-3-deazaguanine
(HM) DEOXYGUANOSINE/*analogs
(NO) structure given in first source

7-deaza-2'-deoxyguanosine
(HM) DEOXYGUANOSINE/*analogs
(NO) structure given in first source

1-deaza-EHNA see 9-(2-hydroxy-3-nonyl)-1-deazaadenine

3-deaza-EHNA see 9-(2-hydroxy-3-nonyl)-3-deazaadenine

deazaFAD see 1-deaza-FAD

1-deaza-FAD
(RN) 57818-88-9
(RR) 58580-57-7 (ion(1-))
(SY) deazaFAD
(SY) 5-deazariboflavin-5'-diphosphate
(HM) FAD/*analogs
(NO) RN & NI from 9th CI Form Index; cpd not in Chemline 7/14/83

5-deazaflavin 4a,5-epoxide see 5-deazaflavin 4,5-epoxide

5-deazaflavin 4,5-epoxide
(RN) 86889-50-1
(SY) 5-deazaflavin 4a,5-epoxide
(SY) 5-DAZFEP
(HM) *FLAVINS
(NO) structure given in first source

5-deazaflavin
(HM) *FLAVINS

5-deazafolate see 5-deazafolic acid

5-deazafolic acid
(SY) 5-deazafolate
(HM) FOLIC ACID/*analogs
(PA) TETRAHYDROFOLATE DEHYDROGENASE/antag
(NO) structure given in first source

3-deazaguanine
(RN) 41729-52-6
(HM) GUANINE/*analogs
(PA) ANTIMETABOLITES
(NO) structure

3-deazaguanosine
(RN) 56039-11-3
(SY) 7-ribosyl-3-deazaguanine
(SY) 7-(beta-D-ribofuranosyl-3-deazaguanine)
(HM) GUANOSINE/*analogs
(PA) ANTIMETABOLITES
(PA) ANTI-INFECTIVE AGENTS
(PA) ANTINEOPLASTIC AGENTS
(NO) structure

3-deazaguanylic acid
(RN) 56039-13-5
(HM) *GUANOSINE MONOPHOSPHATE/analogs
(PA) ANTIMETABOLITES
(NO) structure

5-deazamethotrexate
(HM) METHOTREXATE/*analogs
(PA) TETRAHYDROFOLATE DEHYDROGENASE/antag
(NO) structure given in first source

10-deazaminopterin see 10-deazaaminopterin

7 deazanebularin see 7-deazanebularin

7-deazanebularin
(RN) 16754-83-9
(SY) 7-beta-D-ribofuranosyl-7H-pyrrolo-(2,3-d) pyrimidine
(SY) 7 deazanebularin
(SY) pyrrolo(2,3-d)-pyrimidine-3-beta-D ribofuranoside
(HM) *TUBERCIDIN/analogs
(PA) ANTIMETABOLITES
(NO) minor descriptor (76-84); on-line & Index Medicus search TUBERCIDIN/AA (76-84)

5-deazariboflavin-5'-diphosphate see 1-deaza-FAD

5-deazariboflavin
(RN) 19342-73-5
(HM) RIBOFLAVIN/*analogs
(NO) deaza analog of riboflavin used to elucidate chemical role of the flavin coenzyme; structure

3-deaza-SIBA see 5'-deoxy-5'-(isobutylthio)-3-deazaadenosine

Debat see tadenan

DEB-bisatropinium see (1,4-diethoxybenzene)bisatropinium dibromide

debelysin
(RN) 89182-58-1
(HM) *PLANT EXTRACTS
(PA) DIURETICS
(NO) extract from seed of Dolichos biflorus used in kidney calculi therapy

debendox see bendectin

Debrisan see dextranomer

debrisoquine 4-hydroxylase
(RN) EC 1.14.99.-
(HM) *HYDROXYLASES
(NO) liver microsomal enzyme requiring NADPH & cytochrome P-450; inhibited by CO

debrisorb see dextranomer

debromoaplysiatoxin
(RN) 52423-28-6
(HM) *LYNGBYA TOXINS
(II) SEAWEED
(NO) sea algae toxin from lyngbya majuscula.; structure

Debutil see 4,4'-oxydi-2-butanol

decaborane
(RN) 17702-41-9
(HM) *BORON COMPOUNDS
(NO) minor descriptor (75-83); on-line & Index Medicus search BORON COMPOUNDS (75-83)

decabromodiphenyl oxide see FR-300-BA

decachlorobiphenyl
(RN) 2051-24-3
(HM) *POLYCHLOROBIPHENYL COMPOUNDS
(NO) structure

2,4-decadienoyl-CoA see 2,4-decadienoyl-coenzyme A

2-trans,4-cis-decadienoyl-CoA see 2,4-decadienoyl-coenzyme A

2,4-decadienoyl-coenzyme A
(SY) 2-trans,4-cis-decadienoyl-CoA
(SY) 2,4-decadienoyl-CoA
(SY) coenzyme A, 2,4-decadienoyl-
(HM) *ACYL COENZYME A

decadron phosphate see dexamethasone-21-phosphate

decadurabolin see nandrolone decanoate

decadurobolin see nandrolone decanoate

decahydrohistrionicotoxin
(RN) 74674-96-7
(RR) 74741-81-4 (HCl(6R-(6alpha(R*),7beta,8alpha))-isomer)
(SY) H10-HTX
(HM) *AMPHIBIAN VENOMS
(NO) RN given refers to parent cpd (6R-(6alpha(R*),7beta,8alpha))-isomer; RN for cpd without isomeric designation not in Chemline 6/84

decahydro-5-methyl-2-propylquinoline see pumiliotoxin C

decahydronaphthalene see decalin

cis-decahydroquinoline-5-carboxylic acid see decahydroquinoline-5-carboxylic acid

decahydroquinoline-5-carboxylic acid
(RN) 77823-96-2
(RR) 77833-73-9 (HCl(4aalpha,5beta,8aalpha)-isomer)
(SY) DHQ-5-CA
(SY) cis-decahydroquinoline-5-carboxylic acid
(HM) *QUINOLINES
(II) GABA
(NO) contains GABA moiety; RN given refers to HCl, (4a alpha,5 alpha,8a alpha)-isomer; RN for parent cpd not in Chemline 8/4/83; structure given in first source

Decal
(RN) 71812-46-9
(HM) *ACETIC ACIDS
(HM) *CETRIMONIUM COMPOUNDS
(HM) DRUG COMBINATIONS
(NO) demineralizer; contains oxyacetic acid 5.3%, ammonium oxyacetate 4.6%, cetrimide 0.06%, pH 3.4

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decalin
(RN) 91-17-8
(RR) 493-02-7 ((trans)-isomer)
(RR) 493-01-6 ((cis)-isomer)
(SY) decahydronaphthalene
(SY) naphthalane
(HM) *NAPHTHALENES
(NO) RN given refers to cpd without isomeric designation.

decamethonium
(RN) 156-74-1
(RR) 590-83-0 (dihydroxide)
(RR) 3198-38-7 (dichloride)
(RR) 16533-32-7 (dipricrate)
(RR) 541-22-0 (dibromide)
(RR) 1420-40-2 (diiodide)
(SY) decamethonium bromide
(SY) decamethylenebis(trimethylammonium)bromide
(SY) (DM)Br2
(SY) decamethonium iodide
(HM) *DECAMETHONIUM COMPOUNDS
(NO) RN given refers to parent cpd

decamethonium bromide see decamethonium

decamethonium iodide see decamethonium

decamethoxin see decamethoxine

decamethoxine
(RN) 32726-24-2
(SY) dekametoksin
(SY) decamethoxin
(HM) DECAMETHONIUM COMPOUNDS
(PA) ANTIBIOTICS
(NO) structure; additional RN in Chemline: 11103-59-6

decamethrin
(RN) 52820-00-5
(RR) 55700-99-7 ((1R-(1alpha(R*),3alpha))-isomer)
(RR) 64363-96-8 ((1R-(1alpha(S*),3beta))-isomer)
(RR) 64363-97-9 ((1R-(1alpha(R*),3beta))-isomer)
(RR) 64364-01-8 ((1S-(1alpha(S*),3alpha))-isomer)
(RR) 64364-02-9 ((1S-(1alpha(R*),3alpha))-isomer)
(SY) NRDC 161
(SY) alpha-cyano-3-phenoxybenzyl (1R,3K)-cis-3-(2,2- dibromovinyl)-2,2-dimethylcyclopropanecarboxylate
(SY) Decis
(SY) deltamethrin
(SY) OMS 1998
(HM) *PYRETHRINS
(PA) INSECTICIDES
(NO) pyrethroid insecticide; RN given refers to cpd without isomeric designation; structure

decamethylenebis(trimethylammonium)bromide see decamethonium

N(1),N(1)-decamethylene-N(4),N(4)-decamethylene-bis-4-aminoquinaldinium-diacetate see bisdequalinium

1,10-decamethylenediguanide see synthalin A

decamevit
(RN) 53795-83-8
(SY) dekamevit
(HM) *VITAMINS
(HM) *METHIONINE
(HM) DRUG COMBINATIONS
(NO) geriatric preparation

decanal see decanaldehyde

decanaldehyde
(RN) 112-31-2
(SY) decanal
(HM) *ALDEHYDES

decane
(RN) 124-18-5
(HM) *ALKANES

1,10-decanedicarboxylic acid see dodecanedioic acid

N,N'-(1,10-decanediyldi-1-(4H)-pyridinyl-4-ylidene) bis-(1-octamine) dihydrochloride see octenidine

decanoic acid
(RN) 334-48-5
(HM) *DECANOIC ACIDS
(NO) Chemline carries more than 12 RR's for this record

decanoic acid monoperoxide see monoperoxydecanoic acid

n-decanol see n-decyl alcohol

1-decanol see n-decyl alcohol

decanoylcarnitine
(RN) 1492-27-9
(RR) 25518-51-8 ((S)-isomer)
(RR) 3992-45-8 ((R)-isomer)
(RR) 22623-14-9 ((+-)-isomer)
(HM) CARNITINE/*analogs
(NO) therapeutic agent for diabetic acidosis; RN given refers to cpd without isomeric designation

decanoyl-CoA see decanoyl-coenzyme A

decanoyl-coenzyme A
(RN) 1264-57-9
(SY) decanoyl-CoA
(SY) coenzyme A, decanoyl
(HM) *ACYL COENZYME A

decanoyl fluorescein
(RN) 7274-07-9
(HM) *FLUORESCEINS
(NO) structure given in first source

decanoyl-N-methylglucamide
(SY) MEGA-10
(HM) GLUCOSAMINE/*analogs
(HM) *FATTY ACIDS
(II) DETERGENTS
(NO) nonionic detergent used to solubilize membrane proteins of E. coli & reconstitute them into liposomes

decapeptyl see LHRH, Trp(6)-

decaprenoic acid
(RN) 459-80-3
(RR) 4698-08-2 ((E)-isomer)
(RR) 4613-38-1 ((Z)-isomer)
(HM) *TERPENES
(PA) ANTINEOPLASTIC AGENTS
(NO) synthetic isoprenoid; RN given refers to cpd without isomeric designation; structure given in first source

decaprenoic ethyl ester
(RN) 72505-71-6
(HM) *TERPENES
(PA) ANTIHYPERTENSIVE AGENTS
(NO) structure given in first source

decaprenylamine
(RN) 35278-77-4
(HM) *TERPENES
(PA) ANTINEOPLASTIC AGENTS
(NO) synthetic isoprenoid; structure given in first source

decaprenyl pyrophosphate synthetase
(RN) EC 2.5.1.-
(SY) DP-PP-synthetase
(HM) *TRANSFERASES
(NO) forms all-trans-decaprenyl pyrophosphate from isopentenyl pyrophosphate & either farnesyl pyrophosphate or geranylgeranyl pyrophosphate; does not transfer dimethylallyl or geranyl groups

2-decarboxamido-2-acetyl-4-dedimethyl-9- methyltetracycline
(RN) 81919-29-1
(SY) 2-DADMT
(HM) *TETRACYCLINES
(NO) from microbiological conversion of 4-epi-cetocycline; has no antimicrobial activity; structure given in first source

decarboxylated S-adenosylmethionine see S-adenosyl-3-methylthiopropylamine

20-decarboxy-20-oxocelastrol see tingenone

decaribonucleotide polymerase see ribonucleotide polymerase

DECAV
(HM) DACARBAZINE
(HM) CYCLOPHOSPHAMIDE
(HM) CISPLATIN
(HM) DOXORUBICIN
(HM) VINDESINE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of dacarbazine, doxorubicin, cisplatin & vindesine

decavanadate
(HM) *VANADIUM
(HM) *POLYMERS
(PA) ENZYME INHIBITORS
(NO) polymeric vanadium (V(10)O(28)6(-)

decay-accelerating factor, erythrocytes
(SY) DAF, erythrocytes
(HM) *BLOOD PROTEINS
(PA) COMPLEMENT INACTIVATORS
(II) COMPLEMENT INACTIVATORS
(NO) 70K-DA protein; can inhibit C3 activation

decidual luteotropin see luteotropin, decidual

decidua-specific protein D1 see pregnancy-specific protein D1

decidua-specific protein D2 see pregnancy-specific protein D2

decilonitrose
(RN) 86402-43-9
(SY) methyl beta-decilonitroside
(HM) *HEXOSES
(NO) nitro sugar component of decilorubicin; structure in first source

decilorubicin
(RN) 86016-61-7
(HM) NAPHTHACENES
(PA) ANTIBIOTICS
(NO) isolated from Streptomyces virginiae; structure in first source

Decis see decamethrin

1-DECMP see 1-diethylcarbamyl-4-ethylpiperazine

decominol
(RN) 60812-35-3
(RR) 60812-23-9 (HCl)
(SY) 3-decyloxy-2-hydroxy-1-aminopropane
(HM) *PROPANOLAMINES
(II) DISINFECTANTS
(NO) RN given refers to parent cpd

decomplementation antigen, Staph see Staphylococcal decomplementation antigen

decoyinin see angustmycin A

decoyinine see angustmycin A

decumbin see brefeldin A

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21-decyano-25-dihydrosaframycin A
(RN) 81853-83-0
(HM) ISOQUINOLINES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) from saframycin A by microbial conversion; structure given in first source

n-decyl alcohol
(RN) 112-30-1
(RR) 26303-54-8 (Al salt)
(RR) 37909-25-4 (Mg salt)
(RR) 13675-38-2 (Na salt)
(RR) 36073-51-5 (Ti salt)
(SY) n-decanol
(SY) 1-decanol
(HM) *FATTY ALCOHOLS
(NO) RN given refers to parent cpd

decylamine
(RN) 2016-57-1
(HM) *AMINES
(NO) structure

2-(N-decylamino)-ethanethiol
(RN) 5891-06-5
(SY) DAET
(HM) *SULFHYDRYL COMPOUNDS
(NO) RN & structure given in first source

3-(decyldimethylsilyl)-N-(2-(4-methylphenyl)-1-phenylethyl)propanamide see SAN 58035

N-decylimidazole
(RN) 33529-02-1
(HM) *IMIDAZOLES

n-decyl-NHpppA2'p5'A2'p5'A see P(1)-adenylyl-5'-2'-adenylyl-5'-2'-adenosyl-P(3)-n-decylaminotriphosphate

3-decyloxy-2-hydroxy-1-aminopropane see decominol

DEDA-platinum see diethyldiaziridine platinum(II)

DEDCMT see diethyldithiocarbamic acid methanethiol

dedesosaminyl-5-O-mycaminosyl-10,11-dihydromycinamicin IV
(RN) 83883-27-6
(SY) DMDM IV
(HM) *LEUCOMYCINS
(NO) structure given in first source

DEDTC see diethanolamine dithiocarbamic acid

Deep-Heat
(HM) *NIACIN
(HM) *SALICYLATES
(PA) ANTI-INFLAMMATORY AGENTS
(II) IRRITANTS
(NO) used as topical rubifacient; available in aerosol form; contains methyl nicotinate, 2-hydroxyethyl salicylate, methyl salicylate & ethyl salicylate

6,9-deepoxy-6,9-(phenylimino)-delta(6,8)PGI1 methyl ester see U 56467

6,9-deepoxy-6,9-(phenylimino)-delta(6,8)pgI1 see U 60257

6,9-deepoxy-6,9-(phenylimino)-delta(6,8)prostaglandin I1 methyl ester see U 56467

6,9-deepoxy-6,9-(phenylimino)-delta(6,8)prostaglandin I1 see U 60257

deethylamiodarone see desethylamiodarone

deethylchloroquine see desethylchloroquine

16-deethyl-16-methylmonensin see monensin B

DE-020 eye drops see micronomicin

DEF see butyl phosphorotrithioate

defektan see carpipramine

defibrotide
(HM) *POLYDEOXYRIBONUCLEOTIDES
(PA) FIBRINOLYTIC AGENTS
(NO) extracted from mammalian organs

deflazacort
(RN) 14484-47-0
(HM) *PREGNENEDIONES
(PA) ANTI-INFLAMMATORY AGENTS
(NO) structure

defumarylhygrolidin
(HM) LACTONES
(PA) ANTIBIOTICS
(NO) isolated from Streptomyces hygroscopicus; structure in first source

DEGAMMAE see des-enkephalin-gamma-endorphin

deglucopterocereine
(HM) *ALKALOIDS
(NO) structure given in first source

deglycosylated human choriogonadotropin see HCG, deglycosylated

deglycosylated human chorionic gonadotropin see HCG, deglycosylated

deglycosylated LH see deglycosylated lutropin

deglycosylated lutropin
(SY) DGLH
(SY) deglycosylated ovine pituitary lutropin
(SY) deglycosylated LH
(HM) LH/*analogs
(PA) LH/antag

deglycosylated ovine pituitary lutropin see deglycosylated lutropin

deglycyrrhizinated liquorice see deglycyrrhizinized liquorice

deglycyrrhizinized liquorice
(SY) cedona
(SY) deglycyrrhizinated liquorice
(HM) *PLANT EXTRACTS
(II) GLYCYRRHIZA

degmin
(RN) 76391-82-7
(HM) METHENAMINE/*analogs
(NO) hexamethyleneamine derivative antiseptic; used in surgical scrub; Russian drug

1,7-DEG see 1,7-diethylguanosine

DEHA see dioctyl adipate

3'-DEHD see 3'-deamino-3'-hydroxydaunorubicin

DEHMB see 6'''-deamino-6'''-hydroxyneomycin B

DEHP esterase see bis(2-ethylhexyl)phthalate esterase

DEHPI see 6'''-deamino-6'''-hydroxyparomomycin I

25-DEHR see 25-deacetoxy-25-hydroxyrifamycin S

dehydroabietic acid
(RN) 1740-19-8
(HM) *DITERPENES

dehydroacetic acid
(RN) 520-45-6
(RR) 4418-26-2 (Na ion(1-))
(RR) 64039-28-7 (Na monohydrate ion(1-))
(RR) 57020-07-2 (K ion(1-))
(RR) 45990-85-0 (ion(1-))
(RR) 71112-60-2 (Zn ion(1-))
(SY) sodium dehydroacetate
(SY) DHA-S
(HM) *PYRONES
(NO) RN given refers to parent ion

dehydroalanine
(RN) 1948-56-7
(SY) alpha-aminoacrylate
(SY) alpha,beta-dehydroalanine
(HM) ALANINE/*analogs

6-dehydroandrostene-3,17-dione see 4,6-androstadiene-3,17-dione

dehydroascorbate reductase see glutathione dehydrogenase (ascorbate)

7-dehydro-beta-sitosterol see 7-dehydrositosterol

3,4-dehydrobrevicomin
(SY) 7-exo-ethyl-5-methyl-6,8-dioxabicyclo(3.2.1)-3-octene
(HM) *BICYCLO COMPOUNDS
(II) PHEROMONES
(NO) testosterone-dependent volatile constituent of male mouse urine; structure given in first source

7-dehydrocampesterol see 22,23-dihydroergosterol

dehydrochlormethyltestosterone see turinabol-oral

24-dehydrocholecalciferol
(RN) 63819-59-0
(HM) *CHOLECALCIFEROLS
(NO) structure in first source

22-dehydrocholesterol see 5,22-cholestadien-3beta-ol

7-dehydrocholesterol
(RN) 434-16-2
(RR) 10346-44-8 (3beta,9beta)-isomer)
(RR) 10346-43-7 ((3beta,10alpha)-isomer)
(RR) 5226-01-7 ((3beta,9beta,10alpha)-isomer)
(RR) 57651-84-0 ((3alpha)-isomer)
(SY) provitamin D(3)
(SY) 7,8-didehydrocholesterol
(SY) cholesta-5,7-dien-3 beta-ol
(HM) *DEHYDROCHOLESTEROLS
(NO) RN given refers to (3beta)-isomer; RN for cpd without isomeric designation not in Chemline 7/14/83; structure

11-dehydrocorticosterone
(RN) 72-23-1
(RR) 17795-34-5 (4-(14)C labeled cpd)
(HM) CORTICOSTERONE/*analogs

dehydrocorydalin
(RN) 30045-16-0
(RR) 10605-03-5 (chloride)
(HM) *ALKALOIDS
(PA) GASTROINTESTINAL AGENTS
(PA) CARDIOVASCULAR AGENTS
(NO) alkaloid from corydalis bulbuso D.C. used in therapy of peptic ulcer; RN given refers to parent cpd

dehydrodeoxycholic acid
(RN) 2958-05-6
(SY) 3,12-dioxo-5 beta-cholan-24-oic acid
(SY) dioxo-DCA
(HM) DEOXYCHOLIC ACID/*analogs
(NO) RN given refers to (5beta)-isomer; RN for cpd without isomeric designation not in Chemline 9/85

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dehydroepiandrosterone enanthate
(RN) 23983-43-9
(SY) DHEA oenanthate
(SY) SH 90300 D
(HM) DEHYDROEPIANDROSTERONE/*analogs

dehydroepiandrosterone sulfate
(RN) 651-48-9
(RR) 1099-86-1 (NH4 salt(3beta)-isomer)
(RR) 78590-17-7 (Na salt.dihydrate(3beta)-isomer)
(RR) 17072-36-5 (K salt(3beta)-isomer)
(RR) 1099-87-2 (Na salt(3beta)-isomer)
(RR) 6384-78-7 (3H-labeled cpd (3beta)-isomer)
(SY) dehydroisoandrosterone sulfate
(SY) DHEA sulfate
(HM) DEHYDROEPIANDROSTERONE/*analogs
(NO) RN given refers to (3beta)-isomer; RN for cpd without isomeric designation not in Chemline 6/84

dehydroepiandrosterone sulfate sulfatase
(RN) EC 3.1.6.2
(RR) 9025-62-1 (CRN)
(SY) sterol-sulfatase
(SY) steroid sulfatase
(SY) estrone sulfate sulfohydrolase
(SY) steroid sulphatase
(SY) cholesterol sulfatase
(SY) DHEA sulfatase
(HM) *SULFATASES
(NO) substrate DEHYDROEPIANDROSTERONE may be replaced by other steroids as appr. (example given for reaction at 3.1.6.2 is for this, but it should not be called a sterol sulfatase, since sterols are cholestane series)

dehydroepiandrosterone sulphotransferase
(RN) EC 2.8.2.-
(SY) DHEA sulfotransferase
(HM) *SULFURTRANSFERASES
(NO) forms the 3-sulfate ester

dehydroergosterol
(RN) 516-85-8
(SY) ergosta-5,7,9(11),22-tetraen-3 beta-ol
(SY) delta(5,7,9(11)22)-ergostatetraen-3-ol
(HM) ERGOSTEROL/*analogs

dehydrogriseofulvin
(RN) 3573-30-8
(RR) 7776-77-4 ((+-)-isomer)
(RR) 69744-08-7 ((R)-isomer)
(HM) GRISEOFULVIN/*analogs
(NO) RN given refers to (S)-isomer; RN for cpd without isomeric designation not in Chemline 9/85; structure given in first source

dehydroheliotridine see dehydroretronecine

10,11-dehydroimipramine
(RN) 303-54-8
(RR) 58262-51-4 (HCl)
(RR) 72629-48-2 (fumarate[1:1])
(RR) 59863-08-0 (fumarate[2:1])
(SY) CIBA G-31406
(SY) depramine
(HM) IMIPRAMINE/*analogs
(PA) ANTIPARKINSON AGENTS
(NO) RN given refers to parent cpd

dehydroisoandrosterone sulfate see dehydroepiandrosterone sulfate

dehydrolithocholic acid see 3-oxocholan-24-oic acid

3-dehydrolithocholylglycine
(RN) 84573-10-4
(HM) LITHOCHOLIC ACID/*analogs

5-dehydromalouetine
(RN) 21632-05-3
(SY) delta 5-dehydromalouetine
(HM) *PREGNENES
(NO) RN given refers to (3beta,20S)-isomer; RN for cpd without isomeric designation not in Chemline 7/84; structure given in first source

dehydromatricaria methyl ester
(RN) 7329-73-9
(RR) 2739-57-3 ((Z)-isomer)
(RR) 692-94-4 ((E)-isomer)
(RR) 2742-22-5 (1-(14)C-labeled cpd)
(SY) cis-dehydromatricaria methyl ester
(HM) *ALKYNES
(HM) *FATTY ACIDS, UNSATURATED
(PA) INSECTICIDES, BOTANICAL
(NO) polyacetylenic ovicidal molecule from plants of Compositae family; RN given refers to cpd without isomeric designation; structure given in first source

cis-dehydromatricaria methyl ester see dehydromatricaria methyl ester

dehydromonocrotaline see monocrotaline pyrrole

2,3-dehydro-NANA see 2,3-dehydroneuraminic acid

2,3-dehydroneuraminic acid
(SY) 2,3-dehydro-NANA
(HM) *NEURAMINIC ACIDS
(PA) NEURAMINIDASE/antag

4,5-dehydroniridazole
(RN) 72589-89-0
(HM) NIRIDAZOLE/*analogs
(NO) metabolite of niridazole

21-dehydro-ORG-2058 see 16 alpha-ethyl-19-nor-4-pregnene-3,20-dione-21-al

21-dehydro-ORG 2058 see 16 alpha-ethyl-19-nor-4-pregnene-3,20-dione-21-al

dehydropeptidase-I
(RN) EC 3.4.13.-
(HM) *DIPEPTIDASES
(NO) renal dipeptidase which metabolizes thienamycin & related carbapenem antibiotics

13,14-dehydro PGI2 methyl ester see 13,14-dehydroprostaglandin I2 methyl ester

13,14-dehydro-PGI2 methyl ester see 13,14-dehydroprostaglandin I2 methyl ester

13,14-dehydro PGX methyl ester see 13,14-dehydroprostaglandin I2 methyl ester

dehydropregnenolone acetate
(RN) 979-02-2
(HM) PREGNENOLONE/*analogs
(NO) structure

1-dehydroprogesterone
(RN) 1162-54-5
(RR) 68974-29-8 ((13alpha,17alpha)-(+-)-isomer)
(HM) PROGESTERONE/*analogs
(NO) RN given refers to cpd without isomeric designation

16-dehydroprogesterone
(RN) 1096-38-4
(SY) delta(16)-progesterone
(HM) PROGESTERONE/*analogs

3,4-dehydroproline(3)-tuftsin see tuftsin, 3-(3,4-dehydroproline)-

3,4-dehydroproline
(RN) 3220-74-4
(RR) 4043-88-3 ((S)-isomer)
(RR) 3395-35-5 ((+-)-isomer)
(RR) 58640-72-5 ((R)-isomer)
(RR) 69405-23-8 (L-(+) tartrate salt(S)-isomer)
(SY) 3-pyrroline-2-carboxylic acid
(HM) PROLINE/*analogs
(NO) RN given refers to cpd without stereoisomeric designation

13,14-dehydroprostacyclin methyl ester see 13,14-dehydroprostaglandin I2 methyl ester

11-dehydroprostaglandin F2alpha see prostaglandin D2

13,14-dehydroprostaglandin I2 methyl ester
(RN) 64079-44-3
(SY) 13,14-dehydro PGX methyl ester
(SY) methyl 13,14-dehydro PGI2
(SY) methyl 13,14-dehydro PGX
(SY) 13,14-dehydroprostacyclin methyl ester
(SY) 13,14-dehydro PGI2 methyl ester
(SY) 13,14-dehydro-PGI2 methyl ester
(HM) *PROSTAGLANDINS X
(NO) synthetic PG which inhibits platelet aggregation

dehydroquinase see 3-dehydroquinate dehydratase

3-dehydroquinate dehydratase
(RN) EC 4.2.1.10
(RR) 9012-66-2 (CRN)
(SY) dehydroquinase
(HM) *HYDRO-LYASES

3-dehydroquinate synthase see 3-dehydroquinate synthetase

3-dehydroquinate synthetase
(RN) EC 4.6.1.3
(RR) 37211-77-1 (CRN)
(SY) 3-dehydroquinate synthase
(HM) *LYASES

5-dehydroquinate synthetase
(RN) EC 4.6.1.-
(HM) *LYASES
(NO) requires NAD & ATP

dehydroretinal
(RN) 472-87-7
(SY) retinal(2)
(SY) 3-dehydroretinal
(HM) RETINALDEHYDE/*analogs

3-dehydroretinal see dehydroretinal

dehydroretinol see vitamin A2

dehydroretronecine
(RN) 26400-45-3
(RR) 23107-12-2 ((R)-isomer)
(RR) 26400-24-8 ((S)-isomer)
(SY) dehydroheliotridine
(HM) *PYRROLIZIDINE ALKALOIDS
(PA) CARCINOGENS
(NO) major pyrrole metabolite of monocrotaline; RN given refers to cpd without isomeric designation

6,7-dehydroroyleanone
(RN) 6855-99-8
(SY) 6,7-DHRA
(SY) 12-hydroxy-abieta-6,8,12-trien-11,14-dione
(HM) *DITERPENES
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(II) PLANTS, MEDICINAL
(NO) isolated from Salvia moorcraftiana; Rn given from CA Index Guide; RN not in Chemline 12/84; structure given in first source

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dehydrosanol
(RN) 1824-52-8
(SY) bemetecide
(SY) bemetizid
(HM) *BENZOTHIADIAZINES
(PA) DIURETICS, SULFAMYL
(PA) DIURETICS, THIAZIDE
(NO) structure

dehydro-sanol-tri
(RN) 76481-54-4
(HM) *TRIAMTERENE
(HM) *THIAMINE
(HM) *BENZOTHIADIAZINES
(HM) *HESPERIDIN
(HM) DRUG COMBINATIONS
(PA) BENZOTHIADIAZINE DIURETICS
(NO) combination of dehydrosanol with hesperidin; triamterene; aneurin

3-dehydroshikimate dehydratase
(RN) EC 4.2.1.-
(HM) *HYDRO-LYASES
(NO) third enzyme in Neurospora crass quinic acid catabolic pathway

dehydroshikimate reductase see shikimate dehydrogenase

7-dehydrositosterol
(RN) 521-04-0
(RR) 24057-73-6 ((3beta,24S)-isomer)
(SY) 7-dehydro-beta-sitosterol
(SY) 5,7-cholestadien-24 alpha-ethyl-3-beta-ol
(HM) *SITOSTEROLS
(NO) RN given refers to (3beta)-isomer; RN for unspecified isomer not in Chemline 7/13/83

2-dehydrosparteine
(RN) 67528-17-0
(RR) 2700-93-8
(7S-(7alpha,7abeta,14alpha,14aalpha)-isomer)
(HM) SPARTEINE/*analogs
(NO) urinary metabolite of sparteine; RN given refers to (7S-(7alpha,7aalpha,14alpha,14beta))-isomer

5-dehydrosparteine
(RN) 2130-67-8
(HM) SPARTEINE/*analogs
(NO) urinary metabolite of sparteine; RN given refers to (7S-(7alpha,14alpha,14abeta))-isomer

3-dehydrosphinganine reductase
(RN) EC 1.1.1.102
(SY) 3-oxosphinganine reductase
(HM) *ALCOHOL OXIDOREDUCTASES
(NO) reduces 3-ketosphingosine (3-dehydrosphinganine) to dihydrosphingosine (sphinganine)

dehydrosqualene
(RN) 11051-27-7
(HM) SQUALENE/*analogs

dehydrotestosterone
(RN) 846-48-0
(RR) 27833-18-7 ((17alpha)-isomer)
(SY) 1,4-androstadiene-17-beta-ol-3-one
(SY) 17beta-hydroxyandrosta-1,4-diene-3-one
(HM) TESTOSTERONE/*analogs
(NO) RN given refers to (17beta)-isomer; RN for cpd without isomeric designation not in Chemline 7/14/83

6-dehydrotestosterone
(RN) 2484-30-2
(SY) delta(6)-testosterone
(HM) TESTOSTERONE/*analogs

dehydrothio-p-toluidine see dehydrothio-4-toluidine

dehydrothio-4-toluidine
(RN) 92-36-4
(SY) dehydrothio-p-toluidine
(HM) *TOLUIDINES
(NO) structure in first source

dehydrouramil hydrate hydrochloride see 5-amino-5-hydroxy-2,4,6(1H,3H,5H)-pyrimidinetrione

DE-IDA see technetium Tc 99m diethyl IDA

deinhibitor protein, protein phosphatase see protein phosphatase deinhibitor protein

deiodizated sodium diatrizoate see 3,5-diacetamidobenzoic acid

deisopropyldisopyramide see 4-(isopropylamino)-2-(2-pyridyl)-2-phenylbutyramide

deisopropylindecainide
(RN) 79156-86-8
(SY) desisopropyl indecainide
(SY) 9(3-aminopropyl)-9H-fluorene-9-carboxamide
(HM) *FLUORENES
(NO) indecainide metabolite; RN given from Toxline; RN not in Chemline 6/85; structure given in first source

deisopropylngaione
(RN) 41059-85-2
(SY) DIN toxin
(HM) *FURANS
(II) OILS, VOLATILE
(II) PLANTS, TOXIC
(NO) nephrotoxin for mice from essential oil of Australian plant Myoporum deserti; RN given refers to (2S-cis)-isomer; RN for cpd without isomeric designation not in Chemline 5/85

N-deisopropylpropranolol see N-desisopropylpropranolol

dekametoksin see decamethoxine

dekamevit see decamevit

Dekelmin see methyridine

deladumone
(RN) 8064-65-1
(HM) TESTOSTERONE/*analogs
(HM) ESTRADIOL/*analogs
(HM) DRUG COMBINATIONS
(NO) suppresses lactation; contains testosterone enanthate & estradiol valerate

delagil see chloroquine diphosphate

delalutin see 17 alpha-hydroxyprogesterone caproate

delan see dithianone

delatestryl see testosterone enanthate

delestrogen see estradiol valerate

delipoderm see promestriene

delmadinone
(RN) 15262-77-8
(SY) RS1301
(SY) Tardak
(HM) CHLORMADINONE/*analogs
(II) PROGESTATIONAL HORMONES
(II) CONTRACEPTIVE AGENTS
(NO) used for control of reproduction & undesirable social behavior in dogs & cats; structure

delmetacin
(SY) delmethacin
(SY) UR 2310
(SY) UR-2310
(HM) INDOMETHACIN/*analogs
(PA) ANTI-INFLAMMATORY AGENTS
(NO) anti-inflammatory agent related to indomethacin; no other info available

delmethacin see delmetacin

delnav see dioxathion

delsoline
(RN) 509-18-2
(HM) *ALKALOIDS
(HM) *DITERPENES
(PA) ANTIHYPERTENSIVE AGENTS
(NO) diterpenoid alkaloid isolated from the roots of Aconitum finetianum

N(delta)-acetylornithine
(RN) 2185-16-2
(RR) 13215-18-4 ((DL)-isomer)
(HM) ORNITHINE/*analogs
(NO) RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 7/14/83

delta-Ag see delta antigen

delta(16)-alfaxalone see alphaxalone

delta-(L-alpha-aminoadipyl)-L-cysteine see 5-(2-aminoadipyl)cysteine

delta(3)-7 alpha- phenylacetamidodesacetoxycephalosporanic see 7-phenylacetamidodeacetoxycephalosporanic acid

delta-(2-amino-6-hydroxy-3,4-dihydro-4- oxo-5-pyrimidinyl)valeric acid see damvar

O-delta-aminooxybutylhydroxylamine
(RN) 66080-74-8
(SY) O,O'-1,4-butanediylbis(hydroxylamine)
(HM) *HYDROXYLAMINES

delta-aminovaleric acid see 5-aminovaleric acid

delta antigen
(SY) delta-Ag
(HM) *HEPATITIS B ANTIGENS
(II) DEFECTIVE VIRUSES
(NO) associated with hepatitis B surface antigen in serum of delta-infected chimpanzees; requires helper functions from hepatitis B virus for replication; delta agent is an incomplete virus with expression & replication dependent on simultaneous infection with hepatitis B virus

delta a T see post gamma-globulins

delta 5-3 beta hydroxysteroid dehydrogenase-isomerase see 3 beta-hydroxysteroid oxidoreductase-delta(5) 3- ketosteroid isomerase

delta(5)-3 beta-hydroxysteroid dehydrogenase
(RN) EC 1.1.1.-
(SY) DBHDase
(HM) *3-HYDROXYSTEROID DEHYDROGENASES
(NO) converts dehydroepiandrosterone to delta-4-androstene-3,17-dione

(delta-2,2'-biindole)-3,3'-dione see indigo

5-(delta-carboxybutyl)homocysteine
(RN) 88096-03-1
(SY) 5-CBHC
(HM) HOMOCYSTEINE/*analogs
(NO) dual substrate analog of homocysteine S-methyltransferase; structure given in first source

delta-carboxymethylcysteinyl-cysteinyl-valine
(RN) 91254-68-1
(SY) carbocysteine-Cys-Val
(SY) CM-Cys-Cys-Val
(HM) *OLIGOPEPTIDES

delta(3)-cholenic acid see 3 beta-hydroxychol-3-en-24-oic acid

delta 5,22-cholestadien-3beta-ol see 5,22-cholestadien-3beta-ol

delta(5,7,9(11)-cholestatriene-3 beta-ol see cholesta-5,7,9-trien-3 beta-ol

delta 5-dehydromalouetine see 5-dehydromalouetine

delta,delta'-dihydroxylysylnonorleucine see 5,5'-dihydroxylysylnorleucine

delta(8)-delta(7)-sterol isomerase
(RN) EC 5.3.3.-
(SY) delta 8 - delta 7 sterol isomerase
(HM) *STEROID ISOMERASES

delta 8 - delta 7 sterol isomerase see delta(8)-delta(7)-sterol isomerase

delta-endotoxin
(SY) delta endotoxin, Bacillus thuringiensis
(HM) *ENDOTOXINS
(PA) INSECTICIDES, BOTANICAL
(NO) insecticidal endotoxin

delta endotoxin, Bacillus thuringiensis see delta-endotoxin

delta-8(24),28-ergostadienol see fecosterol

delta(5,7,9(11)22)-ergostatetraen-3-ol see dehydroergosterol

delta factor
(HM) *TRANSCRIPTION FACTORS
(NO) favors transcription from efficient promoters & coordinates initiation of transcription with the sigma factor

delta-5-FADase see delta-5 fatty acid desaturase

delta-12-FADTase see delta-12 fatty acid desaturase

delta-6-FADTase see delta-6 fatty acid desaturase

delta-9-FADTase see delta-9 fatty acid desaturase

delta-12 fatty acid desaturase
(RN) EC 1.14.99.-
(SY) delta-12-FADTase
(HM) *FATTY ACID DESATURASES

delta-22 fatty acid desaturase
(RN) EC 1.14.99.-
(SY) ergosta-5,7-dien-3 beta-ol delta-22 desaturase
(HM) *FATTY ACID DESATURASES
(II) CYTOCHROME P-450
(NO) involved in ergosterol biosynthesis

delta-5 fatty acid desaturase
(RN) EC 1.14.99.-
(SY) delta-5-FADase
(HM) *FATTY ACID DESATURASES

delta-6 fatty acid desaturase
(RN) EC 1.14.99.-
(SY) delta-6-FADTase
(HM) *FATTY ACID DESATURASES

delta-9 fatty acid desaturase
(RN) EC 1.14.99.-
(SY) delta-9-FADTase
(SY) delta 9 terminal desaturase
(HM) *FATTY ACID DESATURASES

delta-gluconolactone see gluconolactone

delta-HCH see delta-hexachlorocyclohexane

delta hemolysin, Staph aureus see delta hemolysin, Staphylococcus aureus

delta hemolysin, Staphylococcus aureus
(SY) delta hemolysin, Staph aureus
(SY) staphylococcal delta-haemolysin
(SY) Staph delta-hemolysin
(HM) *BACTERIAL PROTEINS
(PA) HEMOLYSINS

delta-hexachlorocyclohexane
(RN) 319-86-8
(SY) delta-HCH
(HM) *BENZENE HEXACHLORIDE
(II) ISOMERISM

delta(4)-HHD see 12-hydroxy-4,8,10-heptadecatrienoic acid

delta-HOP see pregna-1,4-diene-11-ol-3,20-dione

delta 5,6-7-hydroperoxy-12-O-undecadienoylphorbol-13-acetate see ostodin

delta(4)-12-hydroxy-8,10-heptadecadienoic acid see 12-hydroxy-4,8,10-heptadecatrienoic acid

delta-hydroxylaevulinate synthase see 2-hydroxy-3-oxoadipate carboxylase

delta-hydroxy-Lys-Nle see delta-hydroxylysylnorleucine

delta-hydroxylysylnorleucine
(RN) 21895-67-0
(RR) 66512-50-3 ((L)-(2S)-isomer)
(SY) 5-hydroxylysylnorleucine
(SY) delta-hydroxy-Lys-Nle
(SY) HLNL
(SY) hydroxylysinonorleucine
(HM) *DIPEPTIDES
(NO) RN given refers to cpd without isomeric designation

delta interferon see interferon, delta

N(6)-(delta(2)-isopentenyl)adenine
(RN) 2365-40-4
(SY) dimethylallyladenine
(SY) isopentenyladenine
(SY) IPADE
(SY) 6-(3-methyl-2-butenylamino)purine
(HM) ADENINE/*analogs

N(6)-(delta(2)-isopentenyl)-2-methylthioadenosine see 2-methyl-thio-N-6-isopentenyladenosine

delta(2)-isopentenylpyrophosphate-tRNA delta(2)-isopentenyltransferase see tRNA isopentenyltransferase

delta(2)-isopentenyl tRNA see 2-isopentenyl tRNA

deltakephalin
(RN) 85286-38-0
(SY) tyrosyl-threonyl-glycyl-phenylalanyl-leucyl-threonine
(SY) Tyr-D-Thr-Gly-Phe-Leu-Thr
(SY) DTLET
(SY) leucine enkephalin, 2-threonyl-6-threonyl-
(SY) Leu-enkephalin, Thr(2)-Thr(6)-
(SY) enkephalin Leu, Thr(2)-Thr(6)-
(SY) 2-threonyl-6-threonyl-5-leucine enkephalin
(SY) Thr(2)-Leu(5)-enkephalyl-Thr(6)
(HM) *OLIGOPEPTIDES
(II) RECEPTORS, ENDORPHIN
(NO) synthetic, potent specific agonist for opiate delta receptors

delta 13-15-ketoprostaglandin reductase
(RN) EC 1.3.1.-
(SY) delta-15-KPG reductase
(SY) 15-ketoprostaglandin delta-13-reductase
(HM) *PROSTAGLANDIN-13,14-REDUCTASE
(NO) 15-keto-PG & NADH+H yields 13,14-dihydro-15-keto-PG & NAD+

delta(4)-3-ketosteroid-5 beta-reductase see 3-oxo-5 beta-steroid delta 4-dehydrogenase

delta-5-3-ketosteroid isomerase see steroid delta-isomerase

delta-15-KPG reductase see delta 13-15-ketoprostaglandin reductase

delta(6)-lithocholenic acid see 3-hydroxy-6-cholen-24-oic acid

delta-lysin
(RN) 74838-20-3
(HM) *BACTERIAL PROTEINS
(NO) membrane-damaging peptide of 26 residues from Staph aureus

deltamethrin see decamethrin

N(delta)-(N-methyl-N-nitrosocarbamoyl)-L- ornithine
(RN) 63642-17-1
(SY) MNC-ornithine
(SY) N-(N-methyl-N-nitroso-carbamyl)-L-ornithine
(SY) MNCO
(HM) *NITROSOUREA COMPOUNDS
(PA) CARCINOGENS
(PA) MUTAGENS

delta opiate receptors see delta receptor

delta(1)-11-oxa-11-deoxycortisol
(RN) 84876-00-6
(SY) 11-ODOC
(HM) *CORTODOXONE/analogs
(PA) GLUCOCORTICOIDS/antag
(NO) structure given in first source

delta 5-3-oxosteroid isomerase see steroid delta-isomerase

delta(12)-PGJ2 see 9-deoxy-9,10-didehydro-12,13-didehydro-13,14-dihydroprostaglandin D2

delta-philanthotoxin
(RN) 77108-00-0
(SY) delta-PTX
(HM) *WASP VENOMS
(NO) from wasp Philanthus triangulum; blocks transmission postsynaptically at excitory synapses; no other information available 8/16/82

N-delta-PHOOR see N-delta-(phosphonoacetyl)-L-ornithine

N-delta-(phosphonoacetyl)-L-ornithine
(RN) 63446-55-9
(SY) N-delta-PHOOR
(SY) N-(phosphonoacetyl)-L-ornithine
(SY) N5-(phosphonoacetyl)-L-ornithine
(HM) ORNITHINE/*analogs
(NO) see also record for N-(phosphonoacetyl)-L-ornithine

delta 1-piperideine-2-carboxylate reductase see 1,2-didehydropipecolate reductase

delta 5-pregnenetriol
(RN) 3885-13-0
(RR) 4025-56-3 ((3beta,16beta,20S)-isomer)
(RR) 13323-54-1 ((3alpha,16alpha,20S)-isomer)
(SY) 5-pregnanetriol
(HM) *PREGNENES
(NO) RN given refers to (3beta,16alpha,20S)-isomer; RN for cpd without isomeric designation not in Chemline 7/14/83

delta(16)-progesterone see 16-dehydroprogesterone

delta-PTX see delta-philanthotoxin

delta(1)-pyrroline-5-carboxylate dehydrogenase see 1-pyrroline-5-carboxylate dehydrogenase

delta-1-pyrroline-2-carboxylate
(RN) 2139-03-9
(SY) 3,4-dihydro-2H-pyrrole-5-carboxylic acid
(HM) PROLINE/*analogs
(NO) structure

delta(1)pyrroline-5-carboxylate see delta-1-pyrroline-5-carboxylate

delta-1-pyrroline-5-carboxylate
(RN) 2906-39-0
(RR) 23141-14-2 ((+-)-isomer)
(RR) 21434-92-4 (14C-labeled cpd (+-)-isomer)
(SY) delta-1-pyrroline-5-carboxylic acid
(SY) delta(1)pyrroline-5-carboxylate
(SY) pyrroline-5-carboxylate
(SY) 1-pyrroline-5-carboxylate
(HM) *PYRROLES
(NO) (L)-isomer is the biologically active form; RN given refers to cpd without isomeric designation; structure

delta-1-pyrroline-5-carboxylic acid see delta-1-pyrroline-5-carboxylate

delta(1)-pyrroline
(RN) 5724-81-2
(SY) delta-pyrrolinium
(HM) *PYRROLES

delta-pyrrolinium see delta(1)-pyrroline

delta recepetor type II see delta receptor

delta receptor
(SY) delta opiate receptors
(SY) receptor, delta
(SY) delta receptor type I
(SY) delta recepetor type II
(HM) *RECEPTORS, ENDORPHIN

delta receptor type I see delta receptor

delta 13 reductase see prostaglandin delta 13 reductase

Delta-Sleep-Inducing-Peptide
(RN) 69431-45-4
(RR) 62568-57-4 (rabbit)
(SY) DSIP
(SY) delta-sleep peptide
(SY) Trp-Ala-Gly-Gly-Asp-Ala-Ser-Gly-Glu
(HM) *OLIGOPEPTIDES
(NO) endogenous substance; RN given refers to cpd with unknown MF; RN for delta sleep-inducing peptide (rabbit) (Trp-Ala-Gly-Gly-Asp-Ala-Ser-Gly-Glu): 62568-57-4

delta-sleep-inducing-peptide, N-glycyl-, cyclic see cyclo(glycyl-delta-sleep-inducing peptide)

Delta-Sleep-Inducing Peptide phosphate
(RN) 70754-23-3
(SY) DSIP-P
(HM) *OLIGOPEPTIDES
(NO) DSIP analog phosphorylated at serine residue at position 7

delta-sleep peptide see Delta-Sleep-Inducing-Peptide

delta-(spiro-4-hydroxy-2,5-cyclohexadienyl)pyroglutamate
(RN) 86334-99-8
(SY) spiro-arogenate
(HM) *PYRROLIDONECARBOXYLIC ACID/analogs
(NO) synthesized by Neurospora crassa; structure given in first source

delta 8,14-steroid 14-reductase
(RN) EC 1.3.1.-
(HM) *OXIDOREDUCTASES
(NO) NADPH dependent

delta 5,7-sterol delta-7-reductase
(RN) EC 1.3.1.-
(SY) delta 7-sterol reductase
(SY) delta 7-sterol desaturase
(SY) delta 7-sterol 5-desaturase
(HM) *OXIDOREDUCTASES

delta 7-sterol desaturase see delta 5,7-sterol delta-7-reductase

delta 7-sterol 5-desaturase see delta 5,7-sterol delta-7-reductase

delta 24-sterol methyltransferase
(RN) EC 2.1.1.41
(RR) 37257-07-1 (CRN)
(SY) S-adenosylmethionine zymosterol methyltransferase
(SY) S-adenosylmethionine-delta 24-sterol-C-methyltransferase
(HM) *METHYLTRANSFERASES
(NO) substrate STEROLS may be replaced by specific sterol

delta 24-sterol reductase
(RN) EC 1.3.-
(SY) sterol 24(28) methylene reductase
(SY) 24-methylene sterol delta 24(28)-reductase
(HM) *OXIDOREDUCTASES
(NO) substrate STEROLS may be replaced by specific sterol as appr

delta 7-sterol reductase see delta 5,7-sterol delta-7-reductase

N-delta-(N'-sulfodiaminophosphinyl)-L-ornithine see N(5)-(((aminosulfonyl)oxy)hydroxyphosphinyl)ornithine

delta 9 terminal desaturase see delta-9 fatty acid desaturase

delta(6)-testosterone see 6-dehydrotestosterone

delta-9-tetrahydrocannabinol dichloroethyl carbamoyl ester
(RN) 82459-41-4
(SY) THC-mustard
(SY) delta(9)-THC-nitrogen mustard
(HM) TETRAHYDROCANNABINOL/*analogs
(HM) *NITROGEN MUSTARD COMPOUNDS
(PA) ANTINEOPLASTIC AGENTS
(NO) structure given in first source; RN given refers to (6aR-trans)-isomer; RN for cpd without isomeric designation not in Chemline 7/85

delta(1)-tetrahydrocannabinol O-D-glucosyluronic acid see delta(1)-tetrahydrocannabinol glucuronide

delta(1)-tetrahydrocannabinol glucuronide
(RN) 62726-09-4
(SY) delta(1)-tetrahydrocannabinyl beta-D-glucopyranosiduronic acid
(SY) delta(1)-tetrahydrocannabinol O-D-glucosyluronic acid
(HM) TETRAHYDROCANNABINOL/*analogs
(NO) structure in first source

delta(9)-tetrahydrocannabinolic acid
(RN) 23978-85-0
(SY) 9-carboxy-delta(9)-THC
(SY) THC-9-COOH
(HM) TETRAHYDROCANNABINOL/*analogs

delta(9)-tetrahydrocannabinol-11-oic acid glucuronide
(RN) 76448-35-6
(SY) THC-11-oic acid glucuronide
(HM) TETRAHYDROCANNABINOL/*analogs

delta-8-tetrahydrocannabinol
(RN) 5957-75-5
(SY) delta-6-THC
(HM) *TETRAHYDROCANNABINOL
(II) ISOMERISM

delta(1)-tetrahydrocannabinyl beta-D- glucopyranosiduronic acid see delta(1)-tetrahydrocannabinol glucuronide

delta(8)-THC-DMH see dimethyl-heptyl tetrahydrocannabinol

delta(9)-THC-nitrogen mustard see delta-9-tetrahydrocannabinol dichloroethyl carbamoyl ester

delta-6-THC see delta-8-tetrahydrocannabinol

delta toxin, Clostridium perfringens see Clostridium perfringens delta-toxin

delta-toxin (staph) see staphylococcal delta toxin

delta toxin (staph) see staphylococcal delta toxin

delta-yohimbine see ajmalicine

Delton see bis(phenol A-glycidyl methacrylate)

deltonin
(RN) 55659-75-1
(HM) *SPIROSTANS
(II) SAPONINS

deltonin glucoside see glucopyranosyl-(1-3)-deltonin

delvomycin see mocimycin

Delvosteron see proligestone

DEMCPM see N-(4-(7-diethylamino-4-methylcoumarin-3-yl)phenyl) maleimide

demecarium bromide
(RN) 56-94-0
(SY) demecastigmine
(HM) *AMMONIUM COMPOUNDS
(PA) CHOLINESTERASE INHIBITORS
(NO) major descriptor (65-85); on-line search AMMONIUM COMPOUNDS (66-85); Index Medicus search DEMECARIUM BROMIDE (65-85)

demecastigmine see demecarium bromide

demegestone
(RN) 10116-22-0
(SY) 17 alpha-methyl-19-norprogesterone
(HM) *NORPROGESTERONES
(II) PROGESTATIONAL HORMONES, SYNTHETIC
(NO) structure

4-demethoxyadriamycin see 4-demethoxydoxorubicin

demethoxybuprenorphine
(HM) *BUPRENORPHINE/analogs
(NO) acid-catalyzed rearrangement product of buprenorphine in which the equivalent of a molecule of methanol is eliminated & an additional furan ring is formed

4-demethoxydaunomycin see 4-demethoxydaunorubicin

4-demethoxydaunorubicin bis(hydrazone) see SC 33428

4-demethoxydaunorubicin

(RN) 58957-92-9
(RR) 60660-79-9 (mono-HCl(alpha,7R-cis)-isomer)
(RR) 60660-73-3 (mono-HCl(beta, 7R-cis)-isomer)
(RR) 60660-72-2 (mono-HCl(beta, 7S-cis)-isomer)
(RR) 58976-06-0 ((beta, 7R-cis)-isomer)
(RR) 58957-93-0 ((beta, 7S-cis)-isomer)
(RR) 58957-91-8 ((7R-cis)-isomer)
(RR) 57852-57-0 (mono-HCl(alpha, 7S-cis)-isomer)
(SY) 4-demethoxydaunomycin
(SY) NSC 256439
(SY) IMI 30
(SY) IMI-30
(SY) idarubicin
(SY) 4-demethoxy-7,9-di-epi-daunorubicin
(SY) 4-desmethoxydaunorubicin
(HM) DAUNORUBICIN/*analogs
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) RN given refers to (alpha, 7S-cis)-isomer; RN for cpd without isomeric designation not in Chemline 7/21/83

4-demethoxy-7,9-di-epi-daunorubicin see 4-demethoxydaunorubicin

4-demethoxy-10,10-dimethyldaunomycin

(RN) 91003-74-6
(RR) 91108-53-1 (HCl)
(SY) 4-demethoxy-10,10-dimethyldaunorubicin
(HM) DAUNORUBICIN/*analogs
(NO) RN & RR given from first source; RN refers to parent cpd; RN not in Chemline 11/84; structure given in first source

4-demethoxy-10,10-dimethyldaunorubicin see 4-demethoxy-10,10-dimethyldaunomycin

4-demethoxydoxorubicin

(RN) 64314-52-9
(RR) 64363-63-9 (mono-HCl)
(RR) 73804-55-4 (ion(1-))
(SY) 4-demethoxyadriamycin
(SY) 4-desmethoxydoxorubicin
(HM) DOXORUBICIN/*analogs
(PA) ANTINEOPLASTIC AGENTS
(NO) RN given refers to (7S-cis)-isomer; RN for cpd without isomeric designation not in Chemline 7/20/83

demethoxyrapamycin

(RN) 83482-58-0
(SY) AY 24668
(SY) AY-24668
(HM) POLYENES
(PA) ANTIBIOTICS, ANTIFUNGAL
(NO) produced by the action of Streptomyces hygroscopicus on rapamycin

6-demethoxythebaine see oripavine

demethylamino A23187 see cezomycin

N-demethylantipyrine

(RN) 19735-89-8
(RR) 51350-32-4 (14C-labeled cpd)
(HM) ANTIPYRINE/*analogs

demethylastemizole see desmethylastemizole

4-demethyl-BDD see 7-hydroxy-7'-methoxy-4,4'-bis(1,3-benzodioxole)-5,5'-dicarboxylic acid dimethyl ester

7-demethyl-BDD see 7-hydroxy-7'-methoxy-4,4'-bis(1,3-benzodioxole)-5,5'-dicarboxylic acid dimethyl ester

O-demethylbouvardin see O-desmethylbouvardin

N-demethylbromadoline

(HM) *BENZAMIDES
(HM) *CYCLOHEXYLAMINES
(NO) bromadoline metabolite; structure given in first source

N-demethylcarbachol

(RN) 4220-32-0
(RR) 66840-27-5 (mono-HCl)
(HM) CARBACHOL/*analogs
(PA) PARASYMPATHOMIMETICS
(NO) antiglaucoma drug; RN given refers to parent cpd

demethylcefazolin see ceftezol

N-demethylchlordiazepoxide

(RN) 7722-15-8
(SY) N-desmethylchlordiazepoxide
(HM) CHLORDIAZEPOXIDE/*analogs

demethylchlordimeform

(RN) 21787-80-4
(RR) 33698-17-8 (HCl)
(SY) N'-(4-chloro-o-tolyl)-N-methylformamidine
(HM) *CHLORPHENAMIDINE/analogs
(PA) INSECTICIDES
(NO) RN given refers to parent cpd.

demethylchlorimipramine see desmethylclomipramine

N-demethylclomipramine see desmethylclomipramine

O-demethylcoclaurine see higenamine

N-demethylcopiamycin see neocopiamycin A

demethyldeacetylmoxisylyte

(HM) THYMOXAMINE/*analogs

4-O-demethyl-11-deoxydoxorubicin

(RN) 81382-05-0
(HM) DOXORUBICIN/*analogs
(NO) structure given in first source

demethyldichlorvos see caviphos

3-O-demethyl-2,3-di-epi-fortimicin A see 3-O-demethylfortimicin A

3-O-demethyl-2,3-di-epi-fortimicin B see 3-O-demethylfortimicin B

O-demethyldimethoate

(RN) 2700-77-8
(RR) 20253-72-9 (K salt)
(HM) DIMETHOATE/*analogs
(NO) metabolite of dimethoate; structure given in first source; RN given refers to parent cpd

demethyldoxepin see desmethyldoxepin

O-demethylencainide see MJ 9444

4'-demethylepipodophyllotoxin-9 beta-glucopyranoside

(RN) 23363-35-1
(RR) 40505-30-4 ((9alpha)-isomer)
(HM) PODOPHYLLOTOXIN/*analogs
(NO) activities similar to Etoposide & VM 26; RN given refers to (9beta)-isomer; RN for cpd without isomeric designation not in Chemline 8/84; structure given in first source

O-demethylfortimicin A see 3-O-demethylfortimicin A

3-O-demethylfortimicin A

(RN) 74842-47-0
(RR) 68102-57-8 (tetra-HCl)
(RR) 76155-59-4 (sulfate)
(SY) O-demethylfortimicin A
(SY) A49759
(SY) compound A49759
(SY) 3-O-demethyl-2,3-di-epi-fortimicin A
(HM) AMINOGLYCOSIDES
(PA) ANTIBIOTICS
(NO) RN given refers to parent cpd; structure given in first source

3-O-demethylfortimicin B

(RN) 68102-53-4
(SY) 3-O-demethyl-2,3-di-epi-fortimicin B
(HM) AMINOGLYCOSIDES
(PA) ANTIBIOTICS
(NO) synthesized from fortimicin B; structure given in first source

6-demethylgriseofulvin

(RN) 20168-88-1
(HM) GRISEOFULVIN/*analogs

4-demethyllucanthone see 4-desmethyllucanthone

demethylmenaquinone

(RN) 29790-47-4
(HM) VITAMIN K/*analogs

6-demethylmevinolin see compactin

demethylmisonidazole see desmethylmisonidazole

demethylorphenadrine see tofenacin

N-demethyl-4'-pentyclindamycin see U 24729A

demethylperazine see 10-piperazinylpropylphenothiazine

demethylphalloin see desmethylphalloin

O-demethylquinidine see 6'-hydroxycinchonidine

3-de-O-methylsporaricin A sulfate see K 4619

demethyltamoxifen see N-desmethyltamoxifen

N-demethylvancomycin

(HM) VANCOMYCIN/*analogs
(PA) ANTIBIOTICS
(NO) isolated from Nocardia orientalis; structure in first source

N-demethylverapamil see norverapamil

demethylvinylbutonate

(RN) 73321-75-2
(SY) demethyl vinylbutonate
(HM) *ORGANOPHOSPHORUS COMPOUNDS
(PA) INSECTICIDES, ORGANOPHOSPHATE

demethyl vinylbutonate see demethylvinylbutonate

N-1-demethylxanthotricin see reumycin

demeton-S-methyl

(RN) 919-86-8
(SY) S-2-ethylthioethyl-O,O-dimethylphosphorothiolate
(HM) *THIOPHOSPHORIC ACID ESTERS
(PA) INSECTICIDES, ORGANOTHIOPHOSPHATE

demolybdo nitrate reductase see nitrate reductase (NADH)

demoxepam

(RN) 963-39-3
(SY) Ro 5-2092
(HM) *BENZODIAZEPINONES
(PA) BENZODIAZEPINE TRANQUILIZERS
(NO) structure

demoxytocin see deaminooxytocin

7,8-DEMTBP see 7,8-dihydroxy-9,10-epoxy-8-methyl-7,8,9,10-tetrahydrobenzo(a)pyrene

Demulen see SC-11800 EE

demycarosyltylosin see 4'-dexydemycarosyltylosin

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demyelinating factors
(SY) demyelinating factors (MS)
(SY) demyelinating factors (multiple sclerosis)
(HM) *NERVE TISSUE PROTEINS

demyelinating factors (MS) see demyelinating factors

demyelinating factors (multiple sclerosis) see demyelinating factors

denatonium chloride
(RN) 1674-99-3
(HM) *AMMONIUM COMPOUNDS
(NO) bitter cpd

dencichin see oxalyldiaminopropionic acid

dencichine see oxalyldiaminopropionic acid

dendrobine
(RN) 2115-91-5
(RR) 35306-34-4 (HCl)
(HM) *ALKALOIDS
(PA) ANALEPTICS
(NO) RN given refers to parent cpd; structure

dendrotoxin
(RN) 74811-93-1
(HM) *ELAPID VENOMS
(II) NEUROTOXINS

dendrotoxin receptor
(SY) receptor, dendrotoxin
(SY) dendrotoxin receptors
(HM) *RECEPTORS, CHOLINERGIC
(II) NEUROTOXINS

dendrotoxin receptors see dendrotoxin receptor

denitro-K-351 see 3,4-dihydro-8-(2-hydroxy-3-isopropylaminopropoxy)-2H-1-benzopyran-3-ol

denitro K 351 see 3,4-dihydro-8-(2-hydroxy-3-isopropylaminopropoxy)-2H-1-benzopyran-3-ol

Denmert
(RN) 51308-54-4
(SY) buthioate
(SY) buthiobate
(HM) *IMIDOESTERS
(PA) FUNGICIDES, INDUSTRIAL
(NO) structure

DeNol see de-nol

de-nol
(RN) 57644-54-9
(SY) tripotassium-dicitrato bismuthate
(SY) DeNol
(SY) bismuth subcitrate
(SY) colloidal bismuth subcitrate
(SY) bismuth citrate
(SY) Bi-citrate
(HM) *BISMUTH
(PA) ANTI-ULCER AGENTS
(PA) ANTACIDS
(NO) contains tripotassium di-citratobismuthate used in gastric & duodenal ulcer therapy

denopamine see TA 064

Denravon see peroxybenzoic acid

dentin-adhesit see Isosite

dentinal phosphoryn see phosphophoryn

dentin phosphoprotein (non-collagenous) see phosphophoryn

dentin protein (non-collagenous) see phosphophoryn

dentitan
(HM) *CHROMIUM ALLOYS
(II) DENTAL ALLOYS
(NO) cobalt, chromium, molybdenum, titanium alloy

dentsply see CMW cement

denudatine
(RN) 26166-37-0
(HM) *ALKALOIDS
(PA) ANTI-ARRHYTHMIA AGENTS

denzimol
(RN) 73931-96-1
(SY) PHEP-HEIZ
(SY) N-(beta-(4-(beta-phenylethyl)phenyl)-beta-hydroxyethyl)imidazole
(SY) Rec 15-1533
(SY) Rec-15-1533
(HM) *IMIDAZOLES
(PA) ANTICONVULSANTS
(NO) structure in first source

DEONOP see 1,1-diethoxy-3-(1-naphthoxy)-2-propanol

20-deoxo-12,13-desepoxy-12,13-dehydrorosaranolide see protylonolide

9-deoxo-16,16-dimethyl-9-methylene-PGE2 see 9-deoxo-16,16-dimethyl-9-methyleneprostaglandin E2

9-deoxo-16,16-dimethyl-9-methyleneprostaglandin E2
(RN) 61263-35-2
(SY) 9-deoxy-16,16-dimethyl-9-methylene-PGF2
(SY) 9-methylene-16,16-dimethyl PGE2
(SY) 9-deoxo-16,16-dimethyl-9-methylene-PGE2
(HM) *16,16-DIMETHYLPROSTAGLANDIN E2/analogs
(PA) ABORTIFACIENT AGENTS, NON-STEROIDAL
(NO) 9-deoxo-9-methylene-PGEs are possible solution to PGE stability problem; stable in aqueous media from pH 1 to 14 & have biological properties similar to corresponding PGEs; cpd tested for use as early pregnancy terminater & has low incidence of nausea & gastrointestinal side effects; note that cpd is derivative of both PGE2 & PGF2alpha; structure in first source

20-deoxorosaranolide
(RN) 81560-70-5
(HM) *LEUCOMYCINS
(NO) from mutant strain of Micromonospora rosaria; structure given in first source

6-deoxyacyclovir
(SY) BW A515U
(SY) 2-amino-9-(2-hydroxyethyl)methyl-9H-purine
(HM) ACYCLOVIR/*analogs
(PA) ANTIVIRAL AGENTS
(NO) active prodrug of acyclovir; structure given in first source

deoxyadenosine diphosphate
(RN) 2793-06-8
(RR) 7413-33-4 (Mg salt)
(HM) *DEOXYADENINE NUCLEOTIDES
(NO) RN given refers to parent cpd.

2'-deoxyadenosine diphosphate ribose
(SY) 2-dADPR
(HM) *ADENOSINE DIPHOSPHATE RIBOSE/analogs

deoxyadenosine kinase
(RN) EC 2.7.1.76
(RR) 37278-12-9 (CRN)
(HM) *PHOSPHOTRANSFERASES, ATP

deoxyadenosine monophosphate see 2'-deoxy-5'-adenosine monophosphate

2'-deoxy-5'-adenosine monophosphate
(RN) 653-63-4
(RR) 2922-74-9 (di-Na salt)
(RR) 43157-18-2 (NH4 salt)
(RR) 50611-39-7 (unspecified Na salt)
(SY) deoxyadenosine monophosphate
(SY) deoxyadenylate
(SY) 2'deoxy-5'-AMP
(HM) *DEOXYADENINE NUCLEOTIDES
(NO) RN given refers to parent cpd

2'-deoxyadenosine 5'-O-(1-thiotriphosphate)
(RN) 64145-28-4
(RR) 80875-87-2 ((S)-isomer)
(SY) dATPalphaS
(SY) Sp-dATP alpha S
(HM) *DEOXYADENINE NUCLEOTIDES
(HM) *THIONUCLEOTIDES
(NO) RN given refers to cpd without isomeric designation; structure.

2'-deoxyadenosine 5'-O-(2-thiotriphosphate)
(RN) 80227-17-4
(SY) dATPbetaS
(HM) *DEOXYADENINE NUCLEOTIDES
(HM) *THIONUCLEOTIDES

2'-deoxyadenosine triphosphate
(RN) 1927-31-7
(RR) 7412-74-0 (mono-Mg salt)
(RR) 18875-57-5 (14C-labeled cpd)
(RR) 54680-12-5 (tri-Na salt)
(RR) 70152-57-7 (P'-(32)P-labeled cpd)
(SY) deoxy-ATP
(HM) *DEOXYADENINE NUCLEOTIDES
(NO) RN given refers to unlabeled parent cpd

3'-deoxyadenosine 5'-triphosphate
(RN) 73-04-1
(SY) cordycepin triphosphate
(HM) *DEOXYADENINE NUCLEOTIDES

(5'-deoxyadenosyl)(4-(3-indolyl)but-1-yl) methylsulfonium
(RN) 86550-55-2
(RR) 86550-64-3 (methosulfate(S)-isomer)
(RR) 86562-94-9 (perchlorate(R)-isomer)
(RR) 86563-03-3 (perchlorate(S)-isomer)
(SY) 5'-DAIBMS
(HM) *INDOLES
(PA) ENZYME INHIBITORS
(NO) inhibitor of indole methyltransferase; RN given refers to methosulfate salt without isomeric designation; RN & structure from first source; RN not in Chemline 11/7/83

(5'-deoxyadenosyl)(3-(3-indolyl)prop-1-yl)methylsulfonium
(RN) 86550-66-5
(RR) 86550-68-7 (methosulfate(S)-isomer)
(RR) 86550-69-8 (perchlorate(R)-isomer)
(RR) 86550-70-1 (perchlorate(S)-isomer)
(SY) 5-DAIPMS
(HM) *INDOLES
(PA) ENZYME INHIBITORS
(NO) inhibitor of indole methyltransferase; RN given refers to methosulfate(R)-isomer; RN & structure from first source; RN not in Chemline 11/7/83

S-(5'-deoxyadenosyl-5')-S-methylthioethylhydroxylamine
(SY) DAMTEH
(HM) DEOXYADENOSINE/*analogs
(PA) S-ADENOSYLMETHIONINE DECARBOXYLASE/antag
(NO) structure given in first source

S-5'-deoxyadenosyl-(5')-3-methylthiopropylamine see S-adenosyl-3-methylthiopropylamine

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deoxyadenylate see 2'-deoxy-5'-adenosine monophosphate

2'-deoxyadenylyl-(3'-5')-2'-deoxyadenosine
(RN) 23339-45-9
(SY) dApdA
(HM) *OLIGODEOXYRIBONUCLEOTIDES
(HM) *DEOXYADENINE NUCLEOTIDES

deoxy-(adenylyl-guanylyl-cytidylyl-thymidine)
(RN) 91126-91-9
(SY) d(ApGpCpT)
(HM) *OLIGODEOXYRIBONUCLEOTIDES

deoxy-(adenylyl-thymidylyl-adenylyl-thymidylic acid)
(SY) d(A-T-A-T)
(HM) *OLIGODEOXYRIBONUCLEOTIDES

deoxyadenylyl-thymidylyl-deoxyguanylyl-deoxyguanosine
(SY) d(A-T-G-G)
(SY) d(ATGG)
(HM) *OLIGODEOXYRIBONUCLEOTIDES

deoxyadenylyl-thymidylyl-deoxyguanylyl-deoxyguanosine-cisplatin complex
(SY) cisplatin-deoxyadenylyl-thymidylyl-deoxyguanylyl-deoxyguanosine complex
(SY) d(ATGG)cisPt
(SY) d(A-T-G-G)cisplatin
(HM) *CISPLATIN
(HM) *OLIGODEOXYRIBONUCLEOTIDES

11-deoxyadriamycin
(RN) 71800-89-0
(SY) 11-deoxydoxorubicin
(HM) DOXORUBICIN/*analogs

4'-deoxyadriamycin see 4'-deoxydoxorubicin

18-deoxyaldosterone
(RN) 2507-88-2
(SY) 21-hydroxy-11 beta,18-oxido-4-pregnene-3,20-dione
(HM) ALDOSTERONE/*analogs
(PA) ALDOSTERONE ANTAG
(NO) structure

6-deoxyallitol
(HM) *SUGAR ALCOHOLS

2-deoxy-alpha-ecdysone see 2-deoxyecdysone

3-deoxy-alpha-D-manno-2-octulosonic acid see 2-keto-3-deoxyoctonate

2-deoxy-alpha-D-ribose 1-phosphate see 2-deoxyribose 1-phosphate

7-(6'-deoxy-alpha-L-talofuranosyl)hypoxanthine see 7-(6'-deoxytalofuranosyl)hypoxanthine

9-(6'-deoxy-alpha-L-talofuranosyl)hypoxanthine see 9-(6'-deoxytalofuranosyl)hypoxanthine

9-(6'-deoxy-alpha-L-talofuranosyl)-6-thiopurine see 9-(6'-deoxytalofuranoysl)-6-thiopurine

N-(6-deoxy-alpha-talopyranosyloxyphospho)-leucyl-tryptophan see talopeptin

3'-deoxy-3'-aminocytidylyl(3'-5') adenosine
(RN) 70834-14-9
(SY) C(3'NH)pA
(HM) *DEOXYCYTIDINE MONOPHOSPHATE/analogs

4-deoxy-4-amino-N(10)-methylpteroic acid see 4-amino-4-deoxy-N-10-methylpteroic acid

3'-deoxy-3'-aminothymidine-5'triphosphate
(SY) 3-ADTPP
(HM) *THYMINE NUCLEOTIDES

2'deoxy-5'-AMP see 2'-deoxy-5'-adenosine monophosphate

3-deoxyaphidicolin
(RN) 85483-00-7
(HM) *DITERPENES
(PA) DNA POLYMERASE II/antag
(NO) structure given in first source

3-deoxy-D-arabino-heptulosonate-7-phosphate
(RN) 2627-73-8
(HM) *SUGAR PHOSPHATES

deoxy-ATP see 2'-deoxyadenosine triphosphate

2'-deoxy-5-azacytidine see 5-aza-2'-deoxycytidine

2'-deoxy-2'-azidocytidine see 2'-azidocytidine

7-(6'-deoxy-beta-D-allofuranosyl)guanine
(RN) 85421-88-1
(SY) 7-DAFG
(HM) *DEOXYGUANOSINE
(NO) structure & RN given in first source

9-(6'-deoxy-beta-D-allofuranosyl)guanine
(RN) 85421-89-2
(SY) 9-DAFG
(HM) *DEOXYGUANOSINE
(NO) structure & RN given in first source

7-(6-deoxy-beta-D-allofuranosyl) hypoxanthine
(RN) 85421-85-8
(SY) 7-DAFH
(HM) INOSINE/*analogs
(NO) structure & RN given in first source

9-(6'-deoxy-beta-D-allofuranosyl) hypoxanthine
(RN) 85421-86-9
(SY) 9-DAFH
(HM) INOSINE/*analogs
(NO) structure & RN given in first source

9-(6'-deoxy-beta-D-allofuranosyl)-6-thiopurine
(RN) 2946-43-2
(SY) 9-DAFP
(HM) *THIONUCLEOSIDES
(HM) *PURINE NUCLEOSIDES
(NO) structure & RN given in first source

1-(5-deoxy-beta-arabino-hexofuranosyl) cytosine
(RN) 88238-38-4
(SY) 4'-homoara-C
(SY) 4'-homo-Ara-C
(HM) CYTARABINE/*analogs
(NO) structure given in first source

1-(2-deoxy-beta-ribofuranosyl)-5-bromo-2- pyrimidinone
(RN) 96245-87-3
(SY) BrPdR
(HM) *PYRIMIDINE NUCLEOSIDES
(PA) ANTIVIRAL AGENTS
(NO) RN & structure given in first source; RN given refers to erythro-(D)-isomer; RN for cpd without isomeric desigantion not in Chemline 8/85

7-(2-deoxy-beta-D-ribofuranosyl)-3-deazaguanine see 3-deaza-2'-deoxyguanosine

1-(2'-deoxy-beta-D-ribofuranosyl)-5-ethyluracil see 5-ethyl-2'-deoxyuridine

1-(2-deoxy-beta-ribofuranosyl)-5-iodo-2-pyrimidinone
(RN) 93265-81-7
(SY) IPdR
(HM) *PYRIMIDINE NUCLEOSIDES
(PA) ANTIVIRAL AGENTS
(NO) RN given refers to erythro-(D)-isomer; RN for cpd without isomeric designation not in Chemline 8/85; structure given in first source

4-deoxybostrycin
(RN) 21879-83-4
(HM) *ANTHRAQUINONES
(PA) ANTIBIOTICS
(II) PIGMENTS
(II) TOXINS
(NO) crystalline red pigment from culture filtrate of Alternaria eichhorniae with antibacterial & phytotoxic activity; structure given in first source

2'-deoxy-2'-bromoadenosine see 2'-bromo-2'-deoxyadenosine

4-deoxy-3'-bromopyrido(1',2'-1,2)imidazo (5,4-c)rifamycin S
(SY) DBPI-rifamycin S
(HM) *RIFAMYCINS
(NO) structure given in first source

N,N'-deoxycarbadox see N,N'-desoxycarbadox

deoxycarnitine see gamma-butyrobetaine

25-deoxycedysterone see ponasterone A

2'-deoxy-2'-chloroadenosine see 2'-chloro-2'-deoxyadenosine

5'-deoxy-5'-chloroadenosine see 5'-chloro-5'-deoxyadenosine

5'-deoxy-5'-chloroformycin
(RN) 72453-27-1
(HM) *FORMYCINS

deoxycholate CoA ligase see deoxycholoyl-CoA synthetase

deoxycholic acid CoA ligase see deoxycholoyl-CoA synthetase

deoxycholic acid receptor
(SY) deoxycholic acid receptors
(SY) receptor, deoxycholic acid
(HM) *RECEPTORS, STEROID
(II) DEOXYCHOLIC ACID

deoxycholic acid receptors see deoxycholic acid receptor

deoxycholoyl-CoA synthetase
(RN) EC 6.2.1.-
(SY) deoxycholic acid CoA ligase
(SY) deoxycholate CoA ligase
(HM) *COENZYME A SYNTHETASES
(NO) catalyzes the synthesis of deoxycholoyl-CoA from deoxycholic acid in rat liver

deoxycoformycin see 2'-deoxycoformycin

2'-deoxycoformycin 5'-phosphate
(RN) 72490-67-6
(HM) *COFORMYCIN/analogs

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2'-deoxycoformycin
(RN) 53910-25-1
(RR) 69196-04-9 ((S)-isomer
(SY) NSC 218321
(SY) pentostatin
(SY) deoxycoformycin
(HM) *COFORMYCIN/analogs
(PA) ADENOSINE DEAMINASE/antag
(PA) ANTINEOPLASTIC AGENTS
(PA) IMMUNOSUPPRESSIVE AGENTS
(NO) enhances antitumor activity of cytarabine; structure; RN given refers to (R)-isomer; RN for cpd without isomeric designation not in Chemline 6/85

deoxycorticosterone 21-(1-imidazole) carboxylate
(SY) DC-21-IC
(HM) DESOXYCORTICOSTERONE/*analogs
(II) AFFINITY LABELS

deoxycorticosterone sulfate
(RN) 1420-82-2
(HM) DESOXYCORTICOSTERONE/*analogs
(NO) biosyn in human fetal kidney

deoxycorticosterone 21-sulfate sulfatase see steroid 21-sulfatase

21-deoxycortisol
(RN) 641-77-0
(RR) 6148-30-7 ((9beta,10alpha,11alpha)-isomer)
(RR) 603-98-5 ((11alpha)-isomer)
(RR) 64840-17-1 (cpd with unspecified dihydroxy locants)
(HM) *CORTODOXONE
(II) ISOMERISM
(NO) RN given refers to (11beta)-isomer; RN for cpd without isomeric designation not in Chemline 6/84; structure.

2'-deoxy cyclic AMP
(RN) 1157-33-1
(SY) 3',5'-cyclic-2'-dAMP
(HM) ADENOSINE CYCLIC MONOPHOSPHATE/*analogs

deoxycytidine deaminase
(RN) EC 3.5.4.14
(RR) 37259-56-6 (CRN)
(HM) *NUCLEOSIDE DEAMINASES

deoxycytidine diphosphate
(RN) 800-73-7
(SY) dCDP
(HM) *DEOXYCYTOSINE NUCLEOTIDES

deoxycytidine diphosphate reductase see CDP reductase

deoxycytidinetriphosphatase
(RN) EC 3.6.1.12
(RR) 9024-87-7 (CRN)
(SY) dCTPase
(HM) *PHOSPHATASES

deoxycytidine triphosphate see 2'-deoxycytidine 5'-triphosphate

deoxycytidine triphosphate deaminase see dCTP deaminase

2'-deoxycytidine 5'-triphosphate
(RN) 2056-98-6
(RR) 26049-83-2 (Mg salt)
(RR) 69506-11-2 (3H-labeled cpd)
(RR) 69459-70-7 (P"-(32)P-labeled cpd)
(RR) 80042-37-1 (P-(32)P-labeled cpd)
(SY) deoxycytidine triphosphate
(SY) dCTP
(HM) *DEOXYCYTOSINE NUCLEOTIDES
(NO) RN given refers to unlabeled parent cpd

deoxycytidylate hydroxymethyltransferase
(RN) EC 2.1.2.8
(RR) 9012-68-4 (CRN)
(SY) 5,10-methylenetetrahydrofolate-deoxycytidylate 5-hydroxymethyltransferase
(SY) DCMP hydroxymethylase
(SY) DCMP hydromethyltransferase
(HM) *TRANSFERASES
(NO) minor descriptor (75-85); on-line & Index Medicus search TRANSFERASES (75-85); catalyzes the synthesis of 5-hydroxymethyldeoxycytidylate from deoxycytidylate plus 5,10-methylenetetrahydrofolate; occurs in some bacteriophage

deoxycytidylate kinase see cytidylate kinase

deoxycytidylyl-(3'-5')-deoxyguanosine
(RN) 15178-66-2
(RR) 84624-84-0 (NH4 salt)
(SY) dCMP-d-guanosine
(SY) deoxycytosine phosphate deoxyguanosine
(SY) dCpdG
(HM) *DEOXYCYTOSINE NUCLEOTIDES
(HM) DEOXYGUANOSINE/*analogs
(NO) RN given refers to parent cpd

deoxycytosine phosphate deoxyguanosine see deoxycytidylyl-(3'-5')-deoxyguanosine

4'-deoxydaunomycin
(RN) 63568-77-4
(RR) 61098-12-2 (HCl(2S-(2alpha(8R*,10R*),4beta,6beta))-isomer)
(SY) 4'-deoxydaunorubicin
(HM) DAUNORUBICIN/*analogs
(NO) RN given refers to parent cpd(2S-(2alpha,(8R*,10R*),4beta,6beta))-isomer; RN for parent cpd without isomeric designation not in Chemline 8/84; structure given in first source

4'-deoxydaunorubicin see 4'-deoxydaunomycin

2-deoxy-2,3-dehydro-N-acetylneuraminic acid
(RN) 24967-27-9
(SY) 2-DDANA
(SY) 2-acetyl-2,3-didehydro-2-deoxyneuraminic acid
(HM) *SIALIC ACIDS

9-deoxy-delta(9), delta(12)-13,14- dihydroprostaglandin D2 see 9-deoxy-9,10-didehydro-12,13-didehydro-13,14-dihydroprostaglandin D2

9-deoxy-delta-9-PGD2 see 9-deoxy-delta-9-prostaglandin D2

9-deoxy-delta-9-prostaglandin D2
(RN) 60203-57-8
(SY) 9-deoxy-delta-9-PGD2
(SY) PGJ2
(HM) *PROSTAGLANDINS D
(PA) ANTINEOPLASTIC AGENTS
(II) PROSTAGLANDINS, SYNTHETIC
(NO) has potent antineoplastic & weak smooth muscle contracting activities; structure given in first source

2'-deoxy-3',5'-di-O-acetyl-5-fluoro-3-(3-methylbenzoyl)uridine see FF 705

9-deoxy-9,10-didehydro-12,13-didehydro-13,14-dihydroprostaglandin D2
(RN) 87893-54-7
(SY) 9-deoxy-delta(9), delta(12)-13,14-dihydroprostaglandin D2
(SY) DDDD-PGD2
(SY) delta(12)-PGJ2
(HM) *PROSTAGLANDINS D
(NO) PGD2 metabolite in human plasma; RN given refers to (5Z,12E,15S)-isomer; RN for cpd without isomeric designation not in Chemline 5/84

11-deoxy-13,14-didehydro-16-methyl-PGE2 methyl ester see FCE 20700

11-deoxy-13,14-didehydro-16(S)-methylprostaglandin E2 methyl ester see FCE 20700

deoxydiguanosine diphosphophosphate
(RN) 26467-04-9
(SY) d(pGpG)
(SY) deoxy(5'-guanylyl-3'-guanylic acid)
(HM) *DEOXYGUANINE NUCLEOTIDES

11-deoxy-13,14-dihydro-15-keto-11 beta,16 xi-cyclo- PGE2 see 11-deoxy-15-keto-13,14-dihydro-11 beta,16-cycloprostaglandin E2

9-deoxy-16,16-dimethyl-9-methylene-PGF2 see 9-deoxo-16,16-dimethyl-9-methyleneprostaglandin E2

11-deoxydoxorubicin see 11-deoxyadriamycin

4'-deoxydoxorubicin
(RN) 63521-85-7
(RR) 63950-06-1 (HCl)
(SY) 4'-deoxyadriamycin
(SY) esorubicin
(SY) 4-desoxydoxorubicin
(HM) DOXORUBICIN/*analogs
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) RN given refers to parent cpd; synthesized deriv of doxorubicin

2-deoxyecdysone-22-phosphate
(RN) 82183-63-9
(HM) ECDYSONE/*analogs
(II) LOCUSTS
(NO) phosphate ester from eggs of Schistocerca gregaria

2-deoxyecdysone
(RN) 31575-91-4
(SY) 2-deoxy-alpha-ecdysone
(HM) ECDYSONE/*analogs
(NO) RN given refers to (3beta, 5beta, 22R)-isomer; RN for cpd without isomeric designation not in Chemline 3/85

6-deoxyerythronolide B
(RN) 15797-36-1
(SY) 3,5,11-trihydroxyerythranolid-9-one
(HM) ERYTHROMYCIN/*analogs
(NO) Streptomyces erythreus metabolite; presumed intermediate in biosynthesis of erythromycins; stucture given in first source

17-deoxyestradiol see 17-desoxyestradiol

15-deoxy-15,15-ethylenedioxy-16-phenoxy-17,18,19,20-tetranorprostaglandin F2alpha tris(hydroxymethyl) methylamine salt see ZK 71677

2'-deoxy-2'-fluoroadenosine see 2'-fluoro-2'-deoxyadenosine

1-(2-deoxy-2-fluoro-beta-D-arabinofuranosyl)-5-iodocytosine see 2'-fluoro-5-iodo-1-beta-D-arabinofuranosylcytosine

2'-deoxy-2'-fluoro-beta-D-arabinofuranosyl-5- iodocytosine see 2'-fluoro-5-iodo-1-beta-D-arabinofuranosylcytosine

1-(2-deoxy-2-fluoro-beta-arabinofuranosyl)-5-iodouracil
(RN) 69123-98-4
(SY) FIAU
(SY) 2'-fluoro-5-iodoarauracil
(HM) ARABINOFURANOSYLURACIL/*analogs
(PA) ANTIVIRAL AGENTS
(NO) RN given refers to (D)-isomer; RN for cpd without isomeric designation not in Chemline 12/84

6-deoxy-6-fluorogalactose
(RN) 4536-07-6
(RR) 68539-73-1 ((L)-isomer)
(SY) 6-deoxy-6-fluoro-D-galactose
(HM) FUCOSE/*analogs
(NO) RN given refers to (D)-isomer; RN for cpd without isomeric designation not in Chemline 8/1/83

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6-deoxy-6-fluoro-D-galactose see 6-deoxy-6-fluorogalactose

2-deoxy-2-fluoroglucopyranosyl fluoride
(RN) 85754-73-0
(HM) DEOXYGLUCOSE/*analogs
(NO) RN given refers to (18F-labeled cpd alpha-D-isomer); RN for unlabeled cpd without isomeric designation not in Chemline 5/84; structure given in first source

2-deoxy-2-fluoroglucose see 2-deoxy-2-fluoro-D-glucose

2-deoxy-2-fluoro-D-glucose
(RN) 29702-43-0
(RR) 83903-67-7 (14C-labeled cpd)
(RR) 63503-12-8 (18F-labeled cpd)
(SY) 2-deoxy-2-fluoroglucose
(SY) 2-fluoro-2-deoxy-D-glucose
(SY) fluorodeoxyglucose
(SY) fluoroglucose
(HM) *DEOXYGLUCOSE/analogs
(NO) 18F-labeled for measuring myocardial glucose metabolism; RN given refers to (D)-isomer; RN for cpd without isomeric designation not in Chemline 7/19/83

3-deoxy-3-fluoro-D-glucose
(RN) 14049-03-7
(RR) 63542-15-4 (18F-labeled cpd)
(SY) 3-fluoro-3-deoxyglucose
(HM) *DEOXYGLUCOSE/analogs

6-deoxy-6-fluoroglucose
(RN) 4536-08-7
(HM) *DEOXYGLUCOSE/analogs
(NO) RN given refers to (D)-isomer; RN for cpd without isomeric designation not in Chemline 7/19/83

2-deoxy-2-fluoromannose
(RN) 38440-79-8
(RR) 67470-62-6 (18F-labeled cpd)
(SY) 2-fluoro-2-deoxy-D-mannose
(HM) RHAMNOSE/*analogs
(NO) RN given refers to (D)-isomer; cpd without isomeric designation not in Chemline 7/19/83

3-deoxy-3-fluoromannose
(SY) 3-deoxy-3-fluoro-D-mannose
(HM) RHAMNOSE/*analogs

3-deoxy-3-fluoro-D-mannose see 3-deoxy-3-fluoromannose

4-deoxy-4-fluoromannose
(RN) 87764-47-4
(SY) 4-deoxy-4-fluoro-D-mannose
(HM) Rhamnose/*analogs

4-deoxy-4-fluoro-D-mannose see 4-deoxy-4-fluoromannose

2-deoxy-2-fluoro-3-O-methylglucose
(RN) 84243-98-1
(SY) 2-F-3-OMG
(HM) *METHYLGLUCOSIDES
(II) FLUORINE
(II) RADIOISOTOPES
(NO) labeled with 18F for biodistribution study

5'-deoxy-5'fluorothymidine
(RN) 17199-43-8
(HM) THYMIDINE/*analogs

5'-deoxy-5-fluorouridine
(RN) 3094-09-5
(SY) 5'-DFUR
(SY) Ro 21-9738
(HM) *FLUORODEOXYURIDINE
(PA) IMMUNOSUPPRESSIVE AGENTS
(PA) ANTINEOPLASTIC AGENTS
(II) ISOMERISM

2-deoxy-2-formamidogalacturonic acid
(SY) 2-deoxy-2-formamido-D-galacturonic acid
(SY) 2-DFAGA
(HM) *HEXURONIC ACIDS
(NO) sugar constituent of Pseudomonas immunotype 1 antigen

2-deoxy-2-formamido-D-galacturonic acid see 2-deoxy-2-formamidogalacturonic acid

2'-deoxyformycin A
(RN) 96893-70-8
(HM) *FORMYCINS
(NO) RN not in Chemline 9/85; RN and structure given in first source

deoxyfrenolicin
(RN) 10023-11-7
(HM) NAPHTHOQUINONES
(PA) ANTIBIOTICS
(NO) structure

deoxyfructo-serotonin see desoxyfructo-serotonin

2-deoxy-D-galactose see 2-deoxy-lyxo-hexose

6-deoxyglucitol
(RN) 5624-40-8
(RR) 86334-50-1 ((L)-isomer)
(RR) 71075-63-3 ((D)-isomer)
(HM) SORBITOL/*analogs
(NO) RN given refers to cpd without isomeric designation

1-deoxy-D-gluco-heptulose 2-phosphate see 1-deoxygluco-heptulose 2-phosphate

1-deoxygluco-heptulose 2-phosphate
(RN) 92642-58-5
(SY) 1-deoxy-D-gluco-heptulose 2-phosphate
(SY) heptulose-2-P
(HM) *GLUCOSEPHOSPHATES
(NO) RN & structure given in first source; RN not in Chemline 3/85

2-deoxy-D-gluconate see 2-deoxygluconic acid

2-deoxygluconic acid
(SY) 2-deoxy-D-gluconic acid
(SY) 2-deoxy-D-gluconate
(HM) *GLUCONATES

2-deoxy-D-gluconic acid see 2-deoxygluconic acid

2-deoxyglucose-6-phosphate
(RN) 3573-50-0
(RR) 34090-49-8 (cpd with unspecified locants)
(HM) *GLUCOSEPHOSPHATES
(NO) RN given refers to (D)-isomer; RN for cpd without isomeric designation not in Chemline 7/15/83

1-deoxyglucose see 1,5-anhydroglucitol

6-deoxyglucose
(RN) 7658-08-4
(SY) 6-deoxy-D-glucose
(HM) *DEOXYGLUCOSE
(II) ISOMERISM
(NO) RN given refers to (D)-isomer; RN for cpd without isomeric designation not in Chemline 8/1/83; Main Heading DEOXYGLUCOSE refers to 2-deoxyglucose

6-deoxy-D-glucose see 6-deoxyglucose

2-deoxy-D-glucoside-2-sulfamate sulfohydrolase see sulphoglucosamine sulphamidase

3-deoxy-D-glycero-2,5-hexodiulosonate
(RN) EC 1.1.1.-
(SY) 2-keto-3-deoxygluconate oxidoreductase
(SY) ketodeoxyuronate dehydrogenase
(HM) *SUGAR ALCOHOL DEHYDROGENASES
(NO) forms 2-keto-3-deoxy-D-gluconate from 3-deoxy-D-glycero-2,5-hexodiulosonate; uses NADH

deoxy-GTP see deoxyguanosine triphosphate

deoxyguanosine kinase
(RN) EC 2.7.1.-
(SY) AMP deoxyguanosine phosphotransferase
(HM) *PHOSPHOTRANSFERASES, ATP
(NO) ATP serves as phosphate donor; various deoxyribonucleoside phosphates & ribonucleoside phosphates are formed

2'-deoxyguanosine 5'-monophosphate see 2'-deoxyguanosine 5'-phosphate

2'-deoxyguanosine 3'-phosphate
(RN) 6220-62-8
(HM) *DEOXYGUANINE NUCLEOTIDES

2'-deoxyguanosine 5'-phosphate
(RN) 902-04-5
(RR) 55056-59-2 (ion(1+))
(RR) 33430-61-4 (di-Na salt)
(SY) 2'-dG-5'-MP
(SY) dGMP
(SY) 2'-deoxyguanosine 5'-monophosphate
(HM) *DEOXYGUANINE NUCLEOTIDES
(NO) RN given refers to parent cpd.

2'-deoxyguanosine-3'-(phospho-2"-O-glycolic acid)
(RN) 84881-71-0
(SY) DGPGA
(HM) *DEOXYGUANINE NUCLEOTIDES
(NO) product of poly(dGdC) irradiation

deoxyguanosine triphosphate
(RN) 2564-35-4
(RR) 55286-89-0 (3H-labeled cpd)
(SY) dGTP
(SY) deoxy-GTP
(HM) *DEOXYGUANINE NUCLEOTIDES
(NO) RN given refers to unlabeled cpd

N-(deoxyguanosin-8-yl) acetylaminofluorene
(RN) 37819-60-6
(SY) dG-8-AAF
(SY) N-(deoxyguanosin-8-yl)-N-acetyl-2-aminofluorene
(HM) DEOXYGUANOSINE/*analogs
(HM) 2-ACETYLAMINOFLUORENE/*analogs

N-(deoxyguanosin-8-yl)-N-acetyl-2-aminofluorene see N-(deoxyguanosin-8-yl)acetylaminofluorene

N-(deoxyguanosin-8-yl)-2-aminofluorene
(RN) 73051-69-1
(SY) DG-8-AF
(HM) DEOXYGUANOSINE/*analogs
(HM) *FLUORENES
(PA) CARCINOGENS

N-(deoxyguanosin-8-yl)-1-aminopyrene
(RN) 85989-43-1
(SY) NDGAP
(HM) *PYRENES
(HM) DEOXYGUANOSINE/*analogs
(NO) major DNA adduct in female rats treated with 1-nitropyrene

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N-(deoxy guanosin-C(8)-yl)-4-aminoquinoline 1-oxide
(RN) 80038-04-6
(SY) DGAQO
(HM) *AMINOQUINOLINES
(HM) DEOXYGUANOSINE/*analogs
(NO) structure given in first source

deoxyguanylyl-(3'-5')-deoxyadenosine
(RN) 4282-64-8
(SY) dG(3'-5')dA
(HM) *OLIGODEOXYRIBONUCLEOTIDES

deoxyguanylyl-(3'-5')-guanosine
(RN) 15180-30-0
(RR) 77710-61-3 (mono-NH4 salt)
(SY) d(GpG)
(HM) *DEOXYGUANINE NUCLEOTIDES
(NO) RN given refers to parent cpd

deoxy(5'-guanylyl-3'-guanylic acid) see deoxydiguanosine diphosphate

deoxyharringtonine
(RN) 36804-95-2
(RR) 52729-50-7 ((3(S))-isomer)
(HM) *HARRINGTONINES
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(NO) RN given refers to 3(R)-isomer; RN for cpd without isomeric designation not in Chemline 11/84

deoxy-HbS see deoxyhemoglobin, sickle

deoxyhemerythrin
(HM) *HEMERYTHRIN/analogs

deoxyhemoglobin
(RN) 9008-02-0
(SY) T-state hemoglobin
(SY) Hb(T)
(HM) *HEMOGLOBINS
(NO) was EP to HEMOGLOBINS (76-81)

deoxyhemoglobin, sickle
(SY) deoxy-HbS
(HM) *HEMOGLOBIN, SICKLE

2-deoxy-20-hydroxyecdysone-22-phosphate
(RN) 86577-96-0
(SY) 2-DHE-22-P
(HM) ECDYSONE/*analogs
(II) LOCUSTS
(NO) phosphate ester from eggs of Schistocerca gregaria

2'-deoxy-5-(hydroxymethyl)uridine see 5-hydroxymethyl-2'-deoxyuridine

2-deoxy-2-(3-hydroxytetradecanoyl)amino-D-glucose 6-phosphate see 2-deoxy-2-(3-hydroxytetradecanoyl)aminoglucose 6-phosphate

2-deoxy-2-(3-hydroxytetradecanoyl) aminoglucose 6-phosphate
(SY) 2-deoxy-2-(3-hydroxytetradecanoyl)amino-D-glucose 6-phosphate
(SY) 2-DHTAGP
(HM) GLUCOSAMINE/*analogs
(HM) *MYRISTIC ACIDS
(NO) above cpd with polymer carriers has immunological properties

15-deoxy-16-hydroxy-16-vinyl-PGE2 methyl ester see 15-deoxy-16-hydroxy-16-vinylprostaglandin E2 methyl ester

15-deoxy-16-hydroxy-16-vinyl-PGE2 see 15-deoxy-16-hydroxy-16-vinylprostaglandin E2

15-deoxy-16-hydroxy-16-vinylprostaglanadin E2 methyl- see 15-deoxy-16-hydroxy-16-vinylprostaglandin E2 methyl ester

15-deoxy-16-hydroxy-16-vinylprostaglandin E2 methyl ester
(RN) 73621-92-8
(RR) 73647-73-1 ((+-)-isomer)
(SY) DHV-PGE2Me
(SY) 15-deoxy-16-hydroxy-16-vinyl-PGE2 methyl ester
(SY) 15-deoxy-16-hydroxy-16-vinylprostaglanadin E2 methyl-
(SY) CL 115347
(SY) CL 115,347
(HM) *PROSTAGLANDINS E, SYNTHETIC
(PA) ANTIHYPERTENSIVE AGENTS
(NO) structure given in first source; RN given refers to (5Z,11alpha,13E)-isomer; RN for cpd without isomeric designation not in Chemline 6/84.

15-deoxy-16-hydroxy-16-vinylprostaglandin E2
(RN) 68666-91-1
(RR) 74608-67-6 ((5Z,11alpha,13E)-(+-)-isomer)
(SY) DHV-PGE2
(SY) 15-deoxy-16-hydroxy-16-vinyl-PGE2
(SY) CL 115,129
(SY) CL-115129
(HM) *PROSTAGLANDINS E, SYNTHETIC
(PA) ANTIHYPERTENSIVE AGENTS
(NO) RN given refers to (5Z,11alpha,13E)-isomer; RN for cpd without isomeric designation not in Chemline 5/84; structure given in first source

deoxyhypusine
(RN) 82543-85-9
(SY) N(6)-(4-aminobutyl)lysine
(HM) LYSINE/*analogs

1,5-deoxy-1,5-imino-D-mannitol
(RN) 84444-90-6
(SY) 1,5-DIM
(HM) MANNITOL/*analogs
(NO) structure given in first source

deoxyinosine
(RN) 890-38-0
(HM) INOSINE/*analogs

deoxyinosine-activated nucleotidase see nucleotidase

5'-deoxyinosine dialdehyde
(SY) 5'-deoxyinox
(HM) INOSINE/*analogs
(PA) ANTINEOPLASTIC AGENTS

2'-deoxyinosine hydrolase
(RN) EC 3.2.2.-
(HM) *NUCLEOSIDASES

5-deoxyinositol
(SY) 5-deoxy-myo-inositol
(HM) INOSITOL/*analogs

5'-deoxyinox see 5'-deoxyinosine dialdehyde

2'-deoxy-2'-iodoadenosine see 2'-iodo-2'-deoxyadenosine

3-deoxy-3-iodo-D-glucose
(RN) 59309-86-3
(RR) 86711-28-6 (123I-labeled cpd)
(RR) 59309-87-4 (131I-labeled cpd)
(HM) GLUCOSE/*analogs
(II) CONTRAST MEDIA
(NO) RN given refers to unlabeled cpd; structure given in first source

5'-deoxy-5-iodotubercidin
(SY) 5-DITB
(HM) *TUBERCIDIN/analogs
(PA) ADENOSINE KINASE/antag
(PA) BRONCHODILATOR AGENTS
(NO) from red algae Hypnea valentiae; structure given in first source

5'-deoxy-5'-S-isobutyladenosine see 5'-deoxy-5'-S-isobutylthioadenosine

5'-deoxy-5'-S-isobutylthioadenosine
(RN) 35899-54-8
(SY) SIBA
(SY) 5'-deoxy-5'-S-isobutyladenosine
(SY) 5'-S-isobutyl-5'-deoxyadenosine
(SY) 5'-S-isobutylthioadenosine
(HM) DEOXYADENOSINE/*analogs
(HM) *THIONUCLEOSIDES
(PA) ANTINEOPLASTIC AGENTS
(PA) ANTI-INFECTIVE AGENTS
(PA) ANTIMALARIALS
(NO) considered an analog of S-adenosylhomocysteine; structure

5'-deoxy-5'-(isobutylthio)-3-deazaadenosine
(SY) S-isobutyryl-3-deaza-adenosine
(SY) S-isobutyryl-3-deazaadenosine
(SY) 3-deaza-SIBA
(HM) *TUBERCIDIN/analogs
(NO) analog of S-adenosylhomocysteine; structure

3-deoxy-1,2-O-isopropylidene-5-O-4-tolylsulfonyl-beta pentofuranose
(SY) DIPTP
(HM) *PENTOSES
(NO) structure given in first source

11-deoxy-15-keto-13,14-dihydro-11 beta, 16-cyclo-PGE2 see 11-deoxy-15-keto-13,14-dihydro-11 beta,16-cycloprostaglandin E2

11-deoxy-15-keto-13,14-dihydro-11 beta, 16-cycloprostaglandin E2
(RN) 74158-09-1
(SY) DKDBCYPGE2
(SY) 11-deoxy-13,14-dihydro-15-keto-11 beta,16 xi-cyclo-PGE2
(SY) 11-deoxy-15-keto-13,14-dihydro-11 beta, 16-cyclo-PGE2
(SY) PGEM-II
(SY) PGE2-M
(HM) *PROSTAGLANDINS E
(NO) degradation product of 15-keto-13,14-dihydro-PGE2; structure in first source

deoxyketose lysine
(RN) 56-87-1
(SY) deoxyketosyl lysine
(HM) LYSINE/*analogs
(NO) Chemline carries more than 12 RR's for this record

deoxyketosyl lysine see deoxyketose lysine

deoxylapachol
(RN) 3568-90-9
(HM) *NAPHTHOQUINONES
(PA) ALLERGENS
(NO) major sensitizer of teak wood; structure given in first source

2'-deoxy-lin-benzoadenosine diphosphate
(RN) 90900-65-5
(SY) 2'-deoxy-lin-benzo-ADP
(HM) *DEOXYADENINE NUCLEOTIDES
(NO) RN & structure given in first source; RN not in Chemline 12/84; see also record for benzoadenosine phosphates

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2'-deoxy-lin-benzoadenosine monophosphate
(RN) 90900-64-4
(SY) 2'-deoxy-lin-benzo-AMP
(HM) *DEOXYADENINE NUCLEOTIDES
(NO) RN & structure given in first source; RN not in Chemline 12/84; see also record for benzoadenosine phosphates

2'-deoxy-lin-benzoadenosine triphosphate
(RN) 90900-66-6
(SY) 2'-deoxy-lin-benzo-ATP
(HM) *DEOXYADENINE NUCLEOTIDES
(NO) RN & structure given in first source; RN not in Chemline 12/84; see also record for benzoadenosine phosphates

2'-deoxy-lin-benzo-ADP see 2'-deoxy-lin-benzoadenosine diphosphate

2'-deoxy-lin-benzo-AMP see 2'-deoxy-lin-benzoadenosine monophosphate

2'-deoxy-lin-benzo-ATP see 2'-deoxy-lin-benzoadenosine triphosphate

2-deoxy-lyxo-hexose
(RN) 6664-99-9
(RR) 1949-89-9 ((D)-isomer)
(SY) 2-deoxy-D-galactose
(HM) GALACTOSE/*analogs
(NO) RN given refers to cpd without isomeric designation

3-deoxy-D-mannoctulosonate see 2-keto-3-deoxyoctonate

1-deoxymannojirimycin see deoxynojirimycin

3-deoxy-manno-octulosonate cytidyltransferase
(RN) EC 2.7.7.38
(SY) CMP-KDO synthetase
(HM) *NUCLEOTIDYLTRANSFERASES
(NO) catalyzed the formation of CMP-KDO form CTP and KDO

3-deoxy-D-mannooctulosonate see 2-keto-3-deoxyoctonate

3-deoxy-D-manno-octulosonic acid-8-dihydrogen phosphate
(HM) *SUGAR PHOSPHATES

3-deoxy-D-manno-octulosonic acid disaccharide see 3-deoxyoctulosonic acid-(alpha-2-4)-3- deoxyoctulosonic acid

3-deoxy-D-manno-octulosonic acid-8-phosphate synthetase
(RN) EC 4.1.2.-
(SY) 2-keto-3-deoxyoctonate-8-phosphate synthetase
(SY) 2-KDOP-synthetase
(HM) *ALDEHYDE-LYASES
(NO) arabinose-5-phosphate + phosphoenolypyruvate yields KDO-8P-P; may be the same as EC 4.1.2.23 which has unphosphorylated substrates

3-deoxy-D-manno-octulosonic acid see 2-keto-3-deoxyoctonate

2'-deoxy-8,2'-methylene-cycloadenosine
(SY) 2-DMCA
(HM) DEOXYADENOSINE/*analogs
(NO) structure given in first source

2'-deoxy-8,2'-methylene-cycloguanosine
(SY) 2-DMCG
(HM) DEOXYGUANOSINE/*analogs
(NO) structure given in first source

4-deoxy-4'-methylpyrido(1',2'-1,2)imidazo(5,4C) rifamycin see L 105

5'-deoxy-5'-methylthioadenosine phosphorylase see 5'-methylthioadenosine phosphorylase

5'-deoxy-5'-(methylthio)adenosine see 5'-methylthioadenosine

5'-deoxy-5'-methylthioinosine see 5'-methylthioinosine

1-deoxy-1-morpholinofructose
(SY) 1-DMF
(HM) FRUCTOSE/*analogs
(HM) *MORPHOLINES

4'-deoxymycaminosyltylonolide
(RN) 80240-61-5
(HM) *LEUCOMYCINS
(NO) obtained from acid hydrolysis of tylosin; structure given in first source

5-deoxy-myo-inositol see 5-deoxyinositol

18-deoxynargenicin A1
(RN) 81482-43-1
(HM) LACTONES
(PA) ANTIBIOTICS
(NO) from Saccharopolyspora hirsuta; structure given in first source

6-deoxy-N-(7-nitrobenz-2-oxa-1,3-diazol- 4-yl)aminoglucose
(SY) NBDG
(HM) *OXADIAZOLES
(II) FLUORESCENT DYES
(NO) structure given in first source

deoxynivalenol
(RN) 51481-10-8
(SY) vomitoxin
(HM) *TRICHOTHECENES

deoxynojirimycin
(RN) 19130-96-2
(RR) 73285-50-4 (HCl)
(SY) 5-amino-1,5-dideoxy-D-glucitol
(SY) desoxynojirimycin
(SY) trehalase inhibitor SGI
(SY) BAY-n 5595
(SY) BAY n 5595
(SY) Bay h 5595
(SY) Bay-h-5595
(SY) 1-deoxymannojirimycin
(SY) 1,5-dideoxy-1,5-imino-D-mannitol
(SY) manno 1-deoxynojirimycin
(HM) GLUCOSAMINE/analogs
(PA) ANTIBIOTICS
(PA) SUCRASE/antag
(NO) RN given refers to parent cpd

3',4'-deoxynorlaudanosolinecarboxylic acid
(SY) 3',4'-DNLCA
(HM) TETRAHYDROPAPAVEROLINE/*analogs
(NO) accumulates in urine in phenylketonuria; structure

deoxynucleoside kinases
(RN) EC 2.7.1.-
(HM) *PHOSPHOTRANSFERASES, ATP
(NO) see also EC 2.7.1.74 and EC 2.7.1.76; substrate DEOXYRIBONUCLEOSIDES may be replaced by specific deoxyribonucleoside as appr.

deoxynucleoside-5'-monophosphatase
(RN) EC 3.1.3.-
(SY) deoxynucleotide-5'-phosphatse
(SY) deoxyribonucleoside 5'-monophosphatase
(HM) *NUCLEOTIDASES

(deoxy)nucleosidemonophosphate kinase
(RN) EC 2.7.4.13
(HM) *PHOSPHOTRANSFERASES, ATP

deoxynucleotide 3'-phosphatase
(RN) EC 3.1.3.34
(SY) DNA 3'-phosphatase
(HM) *NUCLEOTIDASES

deoxynucleotide-5'-phosphatse see deoxynucleoside-5'-monophosphatase

deoxynupharidine
(RN) 1143-54-0
(RR) 60251-37-8 ((1alpha,4alpha,7beta,9abeta,1s)-isomer)
(RR) 60251-36-7 ((1alpha,4alpha,7alpha,9abeta,1S)-isomer)
(RR) 28463-31-2 ((1alpha,4beta,7alpha,9aalpha,1R)-isomer)
(RR) 5358-19-0 (HCl(1alpha,4beta,7beta,9aalpha,1R)-isomer)
(SY) desoxynupharidine
(HM) *QUINOLIZINES
(NO) RN given refers to (1alpha,4beta,7beta,9aalpha,1R)-isomer; RN for cpd without isomeric designation not in Chemline 6/84; structure.

3-deoxyoctulosonic acid-(alpha-2-4)-3-deoxyoctulosonic acid
(SY) 3-deoxyoctulosonic acid disaccharide
(SY) 3-deoxy-D-manno-octulosonic acid disaccharide
(SY) 3-DODO
(HM) *DISACCHARIDES
(HM) *SUGAR ACIDS
(NO) from several bacterial polysaccharides by mild acid hydrolysis

3-deoxyoctulosonic acid disaccharide see 3-deoxyoctulosonic acid-(alpha-2-4)-3- deoxyoctulosonic acid

2'-deoxyoxanosine
(HM) DEOXYRIBONUCLEOSIDES
(PA) ANTIBIOTICS
(NO) structure given in first source

3-deoxy-2-oxo-D-gluconate see 2-keto-3-deoxygluconate

deoxypentalenylglucuron
(RN) 85648-55-1
(HM) SESQUITERPENES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) from S. omiyaensis, S. albofaciens & S. viridifaciens; structure given in first source

3-deoxypentonic acid
(RN) 50480-12-1
(RR) 29625-78-3 ((erythro)-isomer)
(RR) 21569-63-1 ((D-threo)-isomer)
(RR) 21569-62-0 ((D-erythro)-isomer)
(RR) 1518-60-1 ((threo)-isomer)
(SY) 2,4,5-trihydroxypentanoic acid
(HM) *SUGAR ACIDS
(PA) APPETITE DEPRESSANTS
(NO) endogenous sugar acid from serum of fasted rats acting as satiety factor; RN given refers to cpd without isomeric designation

3-deoxy-D-pentulosonic acid aldolase see 2-keto-3-deoxy-L-pentonate aldolase

11-deoxy-PGE1 see 11-deoxyprostaglandin E1

11-deoxy-16-phenoxy-17,18,19,20-tetranor-PGE1 see 11-deoxy-16-phenoxy-17,18,19,20-tetranorprostaglandin E1

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11-deoxy-16-phenoxy-17,18,19,20-tetranorprostaglandin E1
(RN) 80558-61-8
(SY) DPT-prostaglandin E1
(SY) 11-deoxy-16-phenoxy-17,18,19,20-tetranor-PGE1
(SY) M&B 28,767
(SY) M&B-28767
(HM) ALPROSTADIL/*analogs
(PA) ANTI-ULCER AGENTS
(II) PROSTAGLANDINS E, SYNTHETIC
(NO) RN given refers to (1R-(1alpha,2beta(1E,3R*))-isomer; RN for cpd without isomeric designation not in Chemline 6/84.

12-deoxyphorbol 13-isobutyrate
(RN) 25090-74-8
(SY) 12-DPIB
(HM) *PHORBOL ESTERS
(NO) RN given refers to (1aR-(1aalpha,1bbeta,4abeta,7aalpha,7balpha,8alpha,9aalpha))-isomer; RN for cpd without isomeric designation not in Chemline 10/83

12-deoxyphorbol 13-phenylacetate 20-acetate see 12-deoxyphorbolphenylacetate-20-acetate

12-deoxyphorbolphenylacetate-20-acetate
(RN) 54662-30-5
(SY) 12-deoxyphorbol 13-phenylacetate 20-acetate
(SY) 12-DOPPAA
(HM) *PHORBOL ESTERS
(II) IRRITANTS

12-deoxyphorbolphenylacetate
(RN) 58821-98-0
(SY) 12-DPPA
(SY) 12-DOPP
(SY) 12-DOPPA
(HM) *PHORBOL ESTERS
(II) IRRITANTS
(NO) RN given refers to (1aR-(1aalpha,1bbeta,4abeta,7aalpha,7balpha,8alpha,9aalpha))-isomer; RN for cpd without isomeric designation not in Chemline 6/84.

deoxypicropodophyllin see deoxypodophyllotoxin

deoxypodophyllotoxin
(RN) 69222-20-4
(RR) 64550-41-0 ((5alpha,5aalpha,8abeta)-(+-)-isomer)
(RR) 31892-96-3 ((5alpha,5aalpha,8aalpha)-(+-)-isomer)
(RR) 17187-81-4 ((5R-(5alpha,5aalpha,8abeta))-isomer)
(RR) 55568-81-5 ((5R-(5alpha,5abeta,8abeta))-isomer)
(RR) 24150-39-8 ((5R-(5alpha,5aalpha,8aalpha))-isomer)
(RR) 19186-35-7 ((5R-(5alpha,5abeta,8aalpha))-isomer)
(SY) isodeoxypodophyllotoxin
(SY) deoxypicropodophyllin
(SY) isoanthricin
(HM) PODOPHYLLOTOXIN/*analogs
(PA) INSECTICIDES, BOTANICAL
(NO) RN given refers to cpd without isomeric designation; structure in second source

11-deoxyprostacyclin see 11-desoxyprostacyclin

11-deoxyprostaglandin E1
(RN) 37786-00-8
(RR) 31692-82-4 ((+-)-isomer)
(RR) 53403-52-4 ((13E,15R)-isomer)
(RR) 52485-21-9 ((13E)-isomer)
(RR) 40098-34-8 ((13E,15R)-(+-)-isomer)
(RR) 34603-80-0 ((13E,15S)-(+-)-isomer)
(SY) 11-deoxy-PGE1
(HM) ALPROSTADIL/*analogs
(PA) ANTI-ULCER AGENTS
(II) PROSTAGLANDINS E, SYNTHETIC
(NO) RN given refers to (13E,15S)-isomer; RN for cpd without isomeric designation not in Chemline 7/19/83

5-deoxypyridoxal
(RN) 1849-49-6
(HM) PYRIDOXAL/*analogs
(NO) structure

4-deoxypyridoxine
(RN) 61-67-6
(RR) 148-51-6 (HCl)
(SY) 4-deoxypyridoxol
(HM) PYRIDOXINE/*analogs
(PA) PYRIDOXINE/antag
(PA) ANTIPROTOZOAL AGENTS
(NO) RN given refers to parent cpd; structure

4-deoxypyridoxol see 4-deoxypyridoxine

O-6-deoxy-6-((2-pyridyl)amino)-alpha-D- glucopyranosyl-(1-4)-O-alpha-D-glucopyranosyl-(1-4)-O-alpha-D-glucopyranosyl-(1-4)-O-alpha-D-glucopyranosyl-(1-4)-D-glucitol
(SY) FG6R
(HM) *OLIGOSACCHARIDES
(NO) fluoregenic derivative of maltohexitol; structure given in first source

deoxypyrimidine 5'-nucleotidase
(RN) EC 3.1.3.-
(HM) *NUCLEOTIDASES
(NO) from human erythrocytes; broad specificity; most active with pyrimidine deoxyribonucleotides

5-deoxyribitol see 5-deoxy-D-ribitol

5-deoxy-D-ribitol
(SY) 5-deoxyribitol
(HM) *RIBITOL/analogs
(NO) major metabolite of 5'-deoxy-5-fluorouridine

deoxyriboaldolase see deoxyribose-phosphate aldolase

deoxyribokinase see ribokinase

deoxyribonuclease A
(RN) EC 3.1.4.-
(SY) DNase A
(SY) exonuclease A
(HM) *DEOXYRIBONUCLEASES
(NO) from pancreas

deoxyribonuclease B
(RN) EC 3.1.4.-
(SY) DNase B
(HM) *DEOXYRIBONUCLEASES

deoxyribonuclease II
(RN) EC 3.1.22.1
(SY) DNASE II
(SY) DNAase II
(SY) acid deoxyribonuclease
(HM) *ENDODEOXYRIBONUCLEASES

deoxyribonuclease Sso II see Sso II deoxyribonuclease

deoxyribonuclease V see exodeoxyribonuclease V

deoxyribonucleoside kinases
(RN) EC 2.7.1.-
(HM) *PHOSPHOTRANSFERASES, ATP

deoxyribonucleoside 5'-monophosphatase see deoxynucleoside-5'-monophosphatase

deoxyribonucleotide synthetase complex
(SY) DRN synthetase complex
(HM) *MULTIENZYME COMPLEXES
(II) DEOXYRIBONUCLEOTIDES/biosyn
(NO) in bacteriophage T4; converts ribonucleotides to deoxyribonucleotides & channels the later to the replication complex & DNA growing points; includes ribonucleotide diphosphate reductase

deoxyribopyrimidine triphosphatase
(RN) EC 3.6.1.-
(HM) *PYROPHOSPHATASES
(NO) degrades dUTP, dCTP and dTTP to corresponding monophosphates

deoxyribose-phosphate aldolase
(RN) EC 4.1.2.4
(RR) 9026-97-5 (CRN)
(SY) deoxyriboaldolase
(HM) *ALDEHYDE-LYASES

2-deoxyribose 1-phosphate
(RN) 17210-42-3
(RR) 17039-17-7 ((alpha-D-erythro)-isomer)
(RR) 18684-29-2 ((beta-D-erythro)-isomer)
(SY) 2-deoxy-alpha-D-ribose 1-phosphate
(HM) *RIBOSEMONOPHOSPHATES
(NO) RN given refers to (D-erythro)-isomer; cpd without isomeric designation not in Chemline 7/19/83

5-deoxyribose 1-phosphate
(HM) *RIBOSEMONOPHOSPHATES
(NO) structure given in first source

3-deoxyribose
(HM) DEOXYRIBOSE/*analogs

trans-N-deoxyribosylase see nucleoside deoxyribosyltransferase

2'-deoxysangivamycin
(RN) 83379-28-6
(SY) 4-amino-7-(2-deoxy-beta-D-ribofuranosyl)pyrrolo (2,3-d)pyrimidine-5-carboxamide
(HM) PYRIMIDINE NUCLEOSIDES
(PA) ANTIBIOTICS, ANTINEOPLASTIC

3'-deoxysangivamycin
(RN) 83379-31-1
(SY) 4-amino-7-(3-deoxy-beta-D-ribofuranosyl)pyrrolo (2,3-d)pyrimidine-5-carboxamide
(HM) PYRIMIDINE NUCLEOSIDES
(PA) ANTIBIOTICS, ANTINEOPLASTIC

2'-deoxysepialumazine
(HM) *PTERIDINES
(NO) found in human feces after administration of 5,6,7,8-tetrahydrobiopterin

15-deoxyspergualin
(RN) 84937-45-1
(HM) GUANIDINES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) synthesized by chemical modification of spergualin; structure given in first source

2-deoxystreptamine
(RN) 2037-48-1
(RR) 14429-30-2 (di-HCl(D)-isomer)
(RR) 14844-05-4 (HCl)
(HM) HEXOSAMINES
(PA) ANTIBIOTICS
(NO) RN given refers to parent cpd; structure.

6-deoxysucrose
(RN) 92596-12-8
(HM) SUCROSE/*analogs
(NO) structure given in first source

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3-deoxy-4-sulfohexosulose
(RN) 53250-34-3
(SY) 3-deoxy-4-sulphohexosulose
(SY) 2-Hexulosonic acid, 3,4-dideoxy-4-sulfo-
(HM) *DEOXY SUGARS
(NO) reaction product of sulfite in foods

3-deoxy-4-sulphohexosulose see 3-deoxy-4-sulfohexosulose

7-(6'-deoxytalofuranosyl)hypoxanthine
(RN) 86527-19-7
(SY) 7-(6'-deoxy-alpha-L-talofuranosyl)hypoxanthine
(SY) 7-DTFH
(HM) INOSINE/*analogs
(PA) ANTINEOPLASTIC AGENTS
(NO) RN given refers to (alpha-L)-isomer; RN & structure from first source; RN not in Chemline 11/7/83

9-(6'-deoxytalofuranosyl)hypoxanthine
(RN) 86527-20-0
(SY) 9-(6'-deoxy-alpha-L-talofuranosyl)hypoxanthine
(SY) 9-DTFH
(HM) INOSINE/*analogs
(PA) ANTINEOPLASTIC AGENTS
(NO) RN given refers to (alpha-L)-isomer; RN & structure from first source; RN not in Chemline 11/7/83

9-(6'-deoxytalofuranoysl)-6-thiopurine
(RN) 86527-23-3
(SY) 9-DTFT
(SY) 9-(6'-deoxy-alpha-L-talofuranosyl)-6-thiopurine
(HM) *THIONUCLEOSIDES
(HM) *PURINE NUCLEOSIDES
(PA) ANTINEOPLASTIC AGENTS
(NO) RN given refers to (alpha-L)-isomer; RN & structure from first source; RN not in Chemline 11/7/83

deoxy-TDP see thymidine 5'-diphosphate

2-deoxytetronic acid see 3,4-dihydroxybutanoic acid

5'-deoxy-5'-thioadenosine 5'-monophosphate
(RN) 55036-25-4
(SY) ASMP
(SY) 5'-thio-5'-adenylic acid
(HM) *THIONUCLEOTIDES
(HM) ADENOSINE MONOPHOSPHATE/*analogs
(NO) structure given in first source

5'-deoxy-5'-thioinosine 5'-monophosphate
(RN) 21959-63-7
(SY) ISMP
(SY) 5'-thio-5'-inosinic acid
(HM) *THIONUCLEOTIDES
(HM) *INOSINE MONOPHOSPHATE/analogs
(NO) structure given in first source

deoxythymidinetriphosphatase
(RN) EC 3.6.1.-
(SY) dTTPase
(SY) thyminedeoxyribonucleasetriphosphatase
(SY) thymidine-5'-triphosphatase
(HM) *PHOSPHATASES
(II) PYROPHOSPHATASES
(NO) if cleavage is to dTMP plus inorganic pyrophosphate, then PHOSPHATASES (IM) may be replaced by PYROPHOSPHATASES (IM)

deoxythymidine triphosphate see thymidine 5'-triphosphate

deoxythymidylate phosphohydrolase see thymidylate 5'-phosphatase

deoxy(thymidylyl-adenylyl) see thymidylyl-deoxyadenylic acid

deoxy-(thymidylyl-adenylyl-adenylyl-thymidylic acid)
(SY) d(T-A-A-T)
(HM) *OLIGODEOXYRIBONUCLEOTIDES
(NO) structure given in first source

deoxy-(thymidylyl-adenylyl-thymidylyl-adenylic acid)
(SY) d(T-A-T-A)
(HM) *OLIGODEOXYRIBONUCLEOTIDES
(NO) structure given in first source

deoxythymidylyl-deoxyadenylic acid see thymidylyl-deoxyadenylic acid

2'-deoxytubercidin-5'-triphosphate
(RN) 67460-15-5
(HM) *TUBERCIDIN/analogs

deoxyuridine 1'-hydroxylase
(RN) EC 1.14.11.-
(SY) uridine 1'-hydroxylase
(SY) deoxyuridine, 2-oxoglutarate dioxygenase
(SY) deoxyuridine (uridine) 1'-hydroxylase
(HM) *HYDROXYLASES
(NO) forms deoxyribolactone (or ribolactone) + uracil + succinate; requires Fe++, alpha-ketoglutarate & O2

deoxyuridine, 2-oxoglutarate dioxygenase see deoxyuridine 1'-hydroxylase

2'-deoxyuridine 5'-phosphate see 2'-deoxyuridylic acid

deoxyuridine phosphorylase
(RN) EC 2.4.2.23
(RR) 37277-77-3 (CRN)
(HM) *PENTOSYLTRANSFERASES

deoxyuridinetriphosphatase
(RN) EC 3.6.1.23
(RR) 37289-34-2 (CRN)
(SY) dUTPase
(SY) deoxyuridine triphosphate nucleotidylhydrolase
(HM) *PYROPHOSPHATASES

deoxyuridine triphosphate
(RN) 1173-82-6
(SY) 2'-deoxyuridine 5'-triphosphate
(SY) deoxy-UTP
(HM) *DEOXYURACIL NUCLEOTIDES

deoxyuridine triphosphate nucleotidylhydrolase see deoxyuridinetriphosphatase

2'-deoxyuridine 5'-triphosphate see deoxyuridine triphosphate

deoxyuridine (uridine) 1'-hydroxylase see deoxyuridine 1'-hydroxylase

2'-deoxyuridylic acid
(RN) 964-26-1
(RR) 42155-08-8 (di-Na salt)
(SY) 2'-deoxy-5'-uridylic acid
(SY) 2'-deoxyuridine 5'-phosphate
(SY) dUMP
(HM) *DEOXYURACIL NUCLEOTIDES
(NO) RN given refers to parent cpd

2'-deoxy-5'-uridylic acid see 2'-deoxyuridylic acid

deoxy-UTP see deoxyuridine triphosphate

4-deoxyverrucarol
(RN) 91987-94-9
(SY) 4-DOVE
(HM) *TRICHOTHECENES
(NO) structure given in first source

4'-deoxyvinblastine
(RN) 20072-25-7
(RR) 21631-00-5 ((4'alpha)-isomer)
(RR) 57194-39-5 ((18'alpha)-isomer)
(RR) 69256-50-4 ((2'beta,6'beta,18'alpha)-isomer)
(RR) 69256-51-5 ((2'beta,6'beta)-isomer)
(SY) isoleurosine
(HM) VINBLASTINE/*analogs
(NO) RN given refers to cpd without isomeric designation

2'-deoxy-5-vinyluridine see 5-vinyl-2'-deoxyuridine

depactin see actin depolymerizing proteins

Depamide see dipropylacetamide

DEPBT see diethoxy-(1-phenyl-1,3-butanedionato)titanium (IV)

2-5A dep endonuclease see 2'-5'-oligo(A)-dependent endonuclease

2-depentylperhydrohistrionicotoxin
(RN) 55228-77-8
(SY) DPPH-HTX
(HM) *AMPHIBIAN VENOMS
(NO) probe for regulatory site on nicotinic acetylcholine receptor channel; RN given refers to (6alpha,7beta,8alpha)-(+-)-isomer; RN for cpd without isomeric designation not in Chemline 6/84;structure given in first source

dephenylalanine-insulin see insulin, des-Phe-

dephospho-CoA see dephosphocoenzyme A

dephospho CoA see dephosphocoenzyme A

dephospho-CoA kinase
(RN) EC 2.7.1.24
(RR) 9026-83-9 (CRN)
(HM) *PHOSPHOTRANSFERASES, ATP

dephospho-CoA pyrophosphorylase see pantetheinephosphate adenylyltransferase

dephosphocoenzyme A
(RN) 3633-59-8
(SY) dephospho CoA
(SY) dephospho-CoA
(HM) COENZYME A/*analogs

dephosphophosvitin
(HM) *PHOSVITIN/analogs

depixol see flupenthixol decanoate

DEPMPE see N,N-diethyl-2-((4-phenylmethyl)phenoxy)ethanamine

depo-estradiol see estradiol 17 beta-cypionate

depogen
(RN) 61954-97-0
(SY) drotavarine-theophylline-7-acetate
(HM) PAPAVERINE/*analogs
(HM) THEOPHYLLINE/*analogs
(HM) DRUG COMBINATIONS
(PA) PARASYMPATHOLYTICS

Depo-Medrol
(RN) 53-36-1
(RR) 18769-24-9 ((11beta,16beta)-isomer)
(RR) 13209-52-4 ((11beta,16alpha)-isomer)
(SY) methylprednisolone-21-acetate
(SY) depo-medrone
(SY) methylprednisolone acetate
(HM) METHYLPREDNISOLONE/*analogs
(PA) ANTI-INFLAMMATORY AGENTS
(NO) RN given refers to (6alpha,11beta)-isomer; RN for cpd without isomeric designation not in Chemline 6/84

depo-medrone see Depo-Medrol

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depo-medroxyprogesterone acetate see medroxyprogesterone 17-acetate

depo-provera see medroxyprogesterone 17-acetate

deposel see barium selenate

Deposiston
(RN) 54958-72-4
(HM) ETHINYL ESTRADIOL/*analogs
(HM) *NORETHINDRONE
(HM) CONTRACEPTIVES, ORAL, COMBINED
(NO) depot estrogen containing 17 alpha-ethinyl-3-isopropylsulfonyloxy-estradiol + norethisterone

depo-testosterone see testosterone 17 beta-cypionate

depotestosterone cypionate see testosterone 17 beta-cypionate

depot-insulin see insulin, depot-

depot medroxyprogesterone acetate see medroxyprogesterone 17-acetate

depramine see 10,11-dehydroimipramine

Deprenon see VUFB-6683

depressin see hexamethonium

deprimerones
(HM) *PEPTIDES
(NO) endogenous natural regulatory peptides controlling gene expression in eucaryotic cells

deproceptin see morphiceptin

deprolorphin see beta-casomorphin 5

N-depropylpropafenone
(RN) 86383-21-3
(SY) N-desmethylpropafenone
(SY) 1-(2-(3-amino-2-hydroxypropoxy)phenyl)-3-phenyl-1-propanone
(HM) *PROPIOPHENONES
(NO) propafenone metabolite; structure given in first source

depsides
(HM) *HYDROXYBENZOIC ACIDS
(NO) ester-like anhydrides of phenolcarboxylic acids

deptropine citrate see dibenzheptropine

DEPX see 1,3-diethyl-8-phenylxanthine

Dequest 2041 see (ethylenedinitrilo)-tetramethylenephosphonic acid

Dequonal
(RN) 73158-22-2
(HM) *DENTIFRICES

deriphat
(RN) 17066-08-9
(RR) 26256-79-1 (Na salt(beta)-isomer)
(RR) 14960-06-6 (mono-Na salt(beta)-isomer)
(RR) 3655-00-3 (di-Na salt)
(SY) N-dodecyl-N,N beta-imidopropionate
(SY) deriphat 160
(SY) deriphat 160c
(HM) *IMIDOESTERS
(II) DETERGENTS
(NO) deriphat 160c is synonymous to mono-Na salt & deriphat 160 is synonymous to di-Na salt; RN given refers to (beta)-isomer; RN for cpd without isomeric designation not in Chemline 6/84

deriphat 160 see deriphat

deriphat 160c see deriphat

dermatan sulfate proteoglycan
(HM) *PROTEOCHONDROITIN SULFATES
(HM) *DERMATAN SULFATE
(NO) from bovine sclera, sheep cervix

dermatol see bismuth subgallate

Dermatophagoides farinae allergen see allergen Dpt 12

Dermatophagoides pteronyssinus allergen 12 see allergen Dpt 12

dermorphin
(RN) 77614-16-5
(RR) 78331-28-9 ((2-L-Ala)-isomer)
(SY) H-Tyr-D-Ala-Phe-Gly-Tyr-Pro-Ser-NH(2)
(SY) tyrosyl-alanyl-phenylalanyl-glycyl-tyrosyl-prolyl-serinamide
(HM) *OLIGOPEPTIDES
(PA) ANALGESICS, ADDICTIVE
(NO) opiate-like peptide present in amphibian skin

dermorphin, Arg(2)-Gly(4)-Phe(4)- see dermorphin, 2-arginyl-3-glycyl-4-phenylalanine-

dermorphin, 2-arginine-
(SY) Arg(2)-dermorphin
(SY) 2-arginine-dermorphine
(SY) dermorphin, Arg(2)-
(HM) *OLIGOPEPTIDES
(PA) ANALGESICS, ADDICTIVE

dermorphin, 2-arginyl-3-glycyl-4-phenylalanine-
(SY) Arg(2)-Gly(3)-Phe(4)-dermorphin
(SY) dermorphin, Arg(2)-Gly(4)-Phe(4)-
(SY) 2-arginyl-3-glycyl-4-phenylalanine-dermorphin
(SY) AGP-dermorphin
(HM) *OLIGOPEPTIDES
(PA) ANALGESICS, ADDICTIVE

dermorphin, Arg(2)- see dermorphin, 2-arginine-

dermorphin, O-sulfated
(RN) 86807-55-8
(SY) O-sulfated dermorphin
(SY) dermorphin-1-Tyr(SO3H)
(HM) *OLIGOPEPTIDES
(NO) tyrosine(1) sulfonated

dermorphin-1-Tyr(SO3H) see dermorphin, O-sulfated

Dermovate see clobetasol propionate

des-AA(1,2,4,5,12,13)-(D-Trp(8),D-Cys(14))SS see somatostatin, octapeptide(8-D-Trp)-

des-AA(1,2,4,5,12,13)-(D-Trp(8))somatostatin see somatostatin, octapeptide(8-D-Trp)-

7-desacetoxyaminocephalosporanic acid see 7-aminodesacetoxycephalosporanic acid

desacetoxycephalosporin C see deacetoxycephalosporin C

desacetoxycephalosporin C synthetase
(RN) EC 1.3.99.-
(SY) da-cephalosporin C synthase
(HM) *OXIDOREDUCTASES
(NO) oxidatively expands penicillin N ring; requires ferrous ions, ascorbate & alpha-ketoglutarate

(desacetyl)alpha-MSH see ACTH(1-13)

(des-acetyl)-alpha-MSH see ACTH(1-13)

desacetyl alpha-MSH see ACTH(1-13)

desacetyl-bisacodyl see dihydroxydiphenyl-pyridyl methane

desacetylbisacodyl see dihydroxydiphenyl-pyridyl methane

desacetylcefotaxime
(RN) 66340-28-1
(RR) 60846-25-5 (mono-Na salt(6R-trans)-isomer)
(RR) 65336-95-0 (mono-Na salt)
(SY) deacetylcefotaxime
(HM) CEFOTAXIME/*analogs
(NO) RN given refers to parent cpd (6R-(6alpha,7alpha(Z)))-isomer; RN for cpd without isomeric designation not in Chemline 6/84

desacetylcephalothin
(RN) 5935-65-9
(RR) 30200-18-1 ((6R-(6alpha,7beta))-isomer)
(RR) 5547-29-5 (mono-Na salt(6R-trans)-isomer)
(RR) 1237-15-6 (mono-K salt(6R-trans)-isomer)
(HM) CEPHALOTHIN/*analogs
(NO) RN given refers to (6R-trans)-isomer; RN for cpd without isomeric designation not in Chemline 7/19/83; structure

desacetylcolchicine see trimethylcolchicinic acid methyl ether

desacetyldiltiazem see deacetyldiltiazem

desacetyl-1-epiisotenulin see desacetyl-1-isotenulin

2-desacetyleupaserrin
(SY) EAHC
(HM) *SESQUITERPENES
(II) HELIANTHUS
(NO) structure given in first source

desacetyl-1-isotenulin
(SY) desacetyl-1-epiisotenulin
(HM) *SESQUITERPENES
(NO) structure given in first source

desacetyllevonantradol see desacetylnantradol

des-acetyl MSH see ACTH(1-13)

desacetylnantradol
(RN) 65511-54-8
(RR) 79981-16-1 (HCl(6S-(3(S*),6alpha,6aalpha,9aalpha,10abeta))-isomer)
(RR) 80286-75-5 ((6S-(3(S*),6alpha,6aalpha,9alpha,10abeta))-isomer)
(SY) deacetylnantradol
(SY) desacetyllevonantradol
(SY) deacetyllevonantradol
(HM) *PHENANTHRIDINES
(PA) ANALGESICS
(II) STEREOISOMERS
(NO) active metabolite of nantradol; use STEREOISOMERS if levo cpd is discussed; RN given refers to parent cpd without isomeric designation.

desacetylrifampicin see 25-deacetylrifampicin

25-desacetylrifampicin see 25-deacetylrifampicin

desacetylthymosine alpha(1)
(RN) 74221-77-5
(SY) deacetylthymosine alpha1
(SY) N-(alpha)-desacetylthymosin alpha(1)
(HM) THYMOSIN/*analogs
(NO) thymosine alpha1 analog with biological activity

desaglybuzole see glybuzole

1-des-Ala-2-Gly-desamino-3-Cys-(11-Tyr)-3,14-dicarba-somatostatin see CGP 23996

1-des-alanyl-2-glycyl-desamino-3-cysteinyl-(11-tyrosyl)-3,14-dicarba-somatostatin see CGP 23996

desalkylflurazepam see didesethylflurazepam

N-desalkyl-2-oxoquazepam see Ro 5-3367

27-desamidosecretin see 27-deamidosecretin

desamino-6-carba-(3-D-arginine)vasopressin see DCDAVP

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1-desamino-1-monocarba-(2-Tyr(OMe))oxytocin see 1-deamino-1-monocarba-(2-O-methyltyrosine)oxytocin

desaminooxytocin see deaminooxytocin

(1-desaminopenicillamine, 8-alpha-hydroxyisocaproic acid)oxytocin see oxytocin, (1-desaminopenicillamine, 8-alpha- hydroxyisocaproic acid)-

desaminotyrosylfibrinopeptide A

(RN) 83437-30-3
(SY) deaminotyrosyl-fibrinopeptide A
(SY) DATFP-A
(HM) *FIBRINOPEPTIDES A

des(angiotensin I)angiotensinogen see des-angiotensin I renin substrate

des-angiotensin I renin substrate

(SY) des(angiotensin I)angiotensinogen
(HM) *ANGIOTENSINOGEN
(HM) *PEPTIDE FRAGMENTS
(NO) The remnant of the renin substrate molecule from which angiotensin I has been cleaved.

des-arg(9)-BK see bradykinin, 9-des-Arg-

des-arg(9)-bradykinin see bradykinin, 9-des-Arg-

9-des-Arg-bradykinin see bradykinin, 9-des-Arg-

des-Arg-complement 3a see complement 3a, des-Arg-

des-Arg-C5a see complement 5a, des-arginine

des-Arg(1)-des-Pro(2)-des-Lys(3)-des-Pro(4)-des-Gln(5)-SP see substance P, des-Arg(1)-des-Pro(2)-des-Lys(3)-des-Pro (4)-des-Gln(5)-

des-Arg(1)-des-Pro(2)-des-Lys(3)-des-Pro(4)-SP see substance P, de-Arg(1)-des-Pro(2)-des-Lys(3)-des-Pro (4)-

des-Arg(1)-des-Pro(2)-des-Lys(3)-SP see substance P, des-Arg(1)-des-Pro(2)-des-Lys(3)-

des-Arg(1)-des-Pro(2)-substance P see substance P(3-11)

9-desarginine bradykinin see bradykinin, 9-des-Arg-

desarginine complement 3a see complement 3a, des-Arg-

desarginyl-FPB see fibrinopeptide B, desarginyl

des-Asp-angiotensin I see angiotensin I, des-Asp-

(des-Asp)angiotensin I see angiotensin I, des-Asp-

desasparagine (A21)-desalanine (B30)insulin see insulin, des-Asp (A21)-des-Ala (30B)-

desaspartic acid angiotensin I see angiotensin I, des-Asp-

1-desaspartyl-2-desasparagine angiotensin II see angiotensin II, 1-des-Asp-2-des-Arg-

1-desaspartyl-5-isoleucine angiotensin II see angiotensin II, 1-des-Asp-5-Ile-

des-Asp (A21)-des-Ala (30B)insulin see insulin, des-Asp (A21)-des-Ala (30B)-

1-des-Asp-2-des-Arg-angiotensin II see angiotensin II, 1-des-Asp-2-des-Arg-

desaspidin

(RN) 114-43-2
(SY) rosapin
(HM) *BUTYROPHENONES
(PA) ANTHELMINTICS
(NO) structure

des-Asp-1 Ile-8 AII see angiotensin III, 8-Ile-

des-Asp(1)-(Ile(5))-angiotensin II see angiotensin II, 1-des-Asp-5-Ile-

1-des-Asp-5-Ile-angiotensin II see angiotensin II, 1-des-Asp-5-Ile-

des-(1-13) beta-endorphin see beta-endorphin (13-31)

des-beta 146-His-Hb A see (des-beta 146)histamine hemoglobin A

(des-beta 146)histamine hemoglobin A

(SY) des-beta 146-His-Hb A
(HM) *HEMOGLOBIN A
(NO) hemoglobin A lacking histamine at position 146 on beta chain

descarboxyprothrombin see des(gamma-carboxy)prothrombin

(des-4-chlorobenzoyl)indomethacin see 5-methoxy-methylindoleacetic acid

des(cyclopropylmethyl)buprenorphine see norbuprenorphine

desdanine see pyracrimycin A

desdialkylflurazepam see didesethylflurazepam

des-enkephalin-gamma-endorphin

(RN) 74174-40-6
(SY) beta-LPH(66-77)
(SY) DEGAMMAE
(SY) beta-lipotropin 66-77
(SY) beta-endorphin(6-17)
(HM) *ENDORPHINS

deserpidine

(RN) 131-01-1
(HM) RESERPINE/*analogs
(PA) ADRENERGIC NEUROHUMOR DEPLETERS
(NO) minor descriptor (66-84); on-line search RESERPINE/AA (75-84), RESERPINE (66-74); Index Medicus search RESERPINE/AA (75-84), YOHIMBANS (69-74), RESERPINE (66-68); RN given refers to (3beta,16beta,17alpha,18beta,20alpha)-isomer; RN for cpd without isomeric designation not in Chemline 11/84

desertomycin

(RN) 12728-25-5
(HM) LACTONES
(PA) ANTIBIOTICS
(NO) from Streptomyces macronensis Dietz; MF C57-H109-N-O24; belongs to macrocyclic lactone family; no other information available 9/84

desethanol tiaramide see RHC 3281

N-desethylamiodarone see desethylamiodarone

desethylamiodarone

(RN) 83409-32-9
(SY) deethylamiodarone
(SY) N-desethylamiodarone
(HM) *AMIODARONE/analogs
(NO) metabolite of amiodarone; structure given in first source

desethylaprindine

(RN) 52710-91-5
(HM) *APRINDINE/analogs
(PA) ANTI-ARRHYTHMIA AGENTS
(NO) active metabolite of aprindine

desethylchloroquine

(RN) 1476-52-4
(RR) 4298-11-7 (HCl)
(RR) 4298-11-7 (di-HCl)
(RR) 4298-12-8 (oxalate[1:2])
(SY) deethylchloroquine
(HM) CHLOROQUINE/*analogs
(NO) RN given refers to parent cpd

N-desethyl-N-methylaconitine see mesaconitine

des(1-44)-Factor Xa see Factor Xa, des(1-44)-

des(gamma-carboxy)prothrombin

(SY) descarboxyprothrombin
(HM) PROTHROMBIN/*analogs
(NO) abnormal prothrombin lacking gamma-carboxyglutamic acid moiety

des(1-18) glucagon see glucagon(19-29)

des(18-29) glucagon see glucagon(1-17)

des-Gly(10)-D-ALa(6)GNRH N-ethylamide see AY 25,205

des-Gly(10)(D-Ala(6))LHRH-ethylamide see AY 25,205

des-Gly(9)-(Arg(8))-vasopressin dicitrate salt see vasopressin, 9-des-Gly-NH(2)-8-Arg-

desglycinamide(9)-arginine(8)-vasopressin see vasopressin, 9-des-Gly-NH(2)-8-Arg-

9-desglycinamide-8-arginine vasopressin see vasopressin, 9-des-Gly-NH(2)-8-Arg-

(des-9-glycinamide)argipressin see vasopressin, 9-des-Gly-NH(2)-8-Arg-

desglycinamide(9)-lysine vasopressin see vasopressin, 9-des-Gly-NH(2)-Lys-

9-desglycinamide-lysine vasopressin see vasopressin, 9-des-Gly-NH(2)-Lys-

des-glycinamide-oxytocin see oxytocin, 9-des-Gly-NH2-

9-desglycinamide-oxytocin see oxytocin, 9-des-Gly-NH2-

9-desglycine-arginine vasopressin see vasopressin, 9-des-Gly-NH(2)-8-Arg-

10-des-glycine-LHRH see LHRH, des-Gly(10)-

des-Gly(10)-LHRH see LHRH, des-Gly(10)-

9-des-Gly-NH(2)-8-Arg-vasopressin see vasopressin, 9-des-Gly-NH(2)-8-Arg-

des-GlyNH(2)(10)-LHRH ethylamide see LHRH, N-Et-ProNH(2)(9)-des-GlyNH(2)(10)-

9-des-Gly-NH(2)-Lys-vasopressin see vasopressin, 9-des-Gly-NH(2)-Lys-

9-des-Gly-NH2-oxytocin see oxytocin, 9-des-Gly-NH2-

desGly(10)-Pro(9)-LHRH ethylamide see LHRH, N-Et-ProNH(2)(9)-des-GlyNH(2)(10)-

des(hexapeptide B25-30)-Ala(B23)-insulin see insulin, Ala(B23)-des(hexapeptide B25-30)-

deshexapeptide insulin (B25-B30) see insulin, deshexapeptide (B25-B30)

des-His(1)N-(epsilon)-acetimidoglucagon

(RN) 82637-01-2
(SY) DHNEAIG
(SY) des-histidine(1)N(epsilon)-acetimidoglucagon
(HM) GLUCAGON/*analogs

des-histidine(1)N(epsilon)-acetimidoglucagon see des-His(1)N-(epsilon)-acetimidoglucagon

desialo HCG see asialo-HCG

Desimex see dodicin

desipramine receptor

(SY) desipramine receptors
(SY) receptor, desipramine
(HM) *SYNAPTIC RECEPTORS
(II) DESIPRAMINE

desipramine receptors see desipramine receptor

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desisopropyldisopyramide see 4-(isopropylamino)-2-(2-pyridyl)-2-phenylbutyramide

desisopropyl indecainide see deisopropylindecainide

desisopropylprocaterol
(RN) 63483-95-4
(HM) *ETHANOLAMINES
(PA) ADRENERGIC BETA RECEPTOR AGONISTS

N-desisopropylpropranolol
(RN) 20862-11-7
(RR) 64755-23-3 (HCl(+-)-isomer)
(RR) 62618-09-1 (HCl)
(RR) 30200-48-7 ((+-)-isomer)
(SY) N-deisopropylpropranolol
(HM) PROPRANOLOL/*analogs
(NO) RN given refers to parent cpd

des-Leu(10)-angiotensin I see angiotensin I, des-Leu(10)-

des-leucine(10)-angiotensin I see angiotensin I, des-Leu(10)-

des-leucine(16)-calcitonin, salmon see calcitonin salmon, des-Leu(16)

des-Leu(16) salmon calcitonin see calcitonin salmon, des-Leu(16)

desMCP see N-desmethylchlorpheniramine

4-desmethoxydaunorubicin see 4-demethoxydaunorubicin

4-desmethoxydoxorubicin see 4-demethoxydoxorubicin

(-)-H3-desmethoxyverapamil see 4-desmethoxyverapamil

4-desmethoxyverapamil
(SY) (-)-H3-desmethoxyverapamil
(SY) 4-DMV
(HM) VERAPAMIL/*analogs

desmethyl-ADT see desmethylanethol trithione

N-desmethyl-1-alpha-acetylmethadol see noracymethadol

desmethylanethol dithiolthione see desmethylanethol trithione

desmethylanethol trithione
(RN) 13274-81-2
(SY) desmethylanethol dithiolthione
(SY) desmethyl-ADT
(HM) *ANETHOLE TRITHIONE/analogs
(NO) metabolite of anethol trithione; structure given in first source

desmethylastemizole
(RN) 73736-50-2
(SY) R 44 271
(SY) R-44-271
(SY) demethylastemizole
(HM) *BENZIMIDAZOLES
(NO) astemizole metabolite in dog plasma; structure given in first source

desmethylbenzphetamine see benzylamphetamine

O-desmethylbouvardin
(RN) 88360-88-7
(SY) O-demethylbouvardin
(HM) *PEPTIDES, CYCLIC
(NO) metabolite of bouvardin; methoxy moiety on benzene ring replaced by hydroxy moiety; structure given in first source

N-desmethylchlordiazepoxide see N-demethylchlordiazepoxide

desmethylchlorimipramine see desmethylclomipramine

N-desmethylchlorpheniramine
(RN) 20619-12-9
(RR) 77162-79-9 ((R)-isomer)
(SY) desMCP
(HM) CHLORPHENIRAMINE/*analogs
(NO) metabolite of chlorpheniramine; RN given refers to cpd without isomeric designation; structure given in first source

N-desmethylchlorpromazine see norchlorpromazine

desmethylcianopramine see Ro 12-5419

N-desmethylcimetidine
(RN) 52378-43-5
(HM) CIMETIDINE/*analogs
(NO) RN given from Toxline; RN not in Chemline 4/85; structure given in first source

desmethylcitalopram
(HM) *PROPYLAMINES
(NO) desmethyl metabolite of citalopram

N-desmethylclobazam
(RN) 22316-55-8
(SY) norclobazam
(HM) *BENZODIAZEPINONES
(PA) ANTICONVULSANTS
(PA) BENZODIAZEPINE TRANQUILIZERS

desmethylclomipramine
(RN) 303-48-0
(RR) 29854-14-6 (HCl)
(SY) N-demethylclomipramine
(SY) demethylchlorimipramine
(SY) desmethylchlorimipramine
(HM) CLOMIPRAMINE/*analogs
(NO) RN given refers to parent cpd

N-desmethylcodeine see norcodeine

desmethylcyproheptadine
(RN) 14051-46-8
(RR) 4331-45-7 (HCl)
(HM) CYPROHEPTADINE/*analogs
(NO) RN given refers to parent cpd

desmethyldoxepin
(RN) 1225-56-5
(RR) 58534-46-6 ((Z)-isomer)
(RR) 67035-76-1 ((E)-isomer)
(RR) 2887-91-4 (HCl)
(SY) demethyldoxepin
(SY) nordoxepin
(HM) DOXEPIN/*analogs
(PA) ANTIDEPRESSIVE AGENTS, TRICYCLIC
(NO) active metabolite if doxepin; RN given refers to cpd without isomeric designation

desmethylemetine see cephaelin

desmethyletimizol
(RN) 85275-59-8
(SY)
1-ethyl-4-carbamoyl-5-methylcarbamoylimidazole
(HM) *ETIMIZOL/analogs
(NO) metabolite of etimizol; structure given in first source

desmethylfluoxetine see norfluoxetine

desmethyl-indomethacin see 5-hydroxyindomethacin

O-desmethylindomethacin see 5-hydroxyindomethacin

N-desmethyllevomepromazine
(RN) 37819-98-0
(RR) 61733-92-4 (HCl)
(HM) METHOTRIMEPRAZINE/*analogs
(NO) major metabolite of levomepromazine

4-desmethyllucanthone
(SY) 4-demethyllucanthone
(HM) LUCANTHONE/*analogs
(NO) structure given in first source

desmethylmaprotiline
(RN) 5721-37-9
(SY) 9,10-ethanoanthracene-9(10H)-propylamine
(HM) *MAPROTILINE/analogs
(NO) major metabolite of maprotiline

desmethylmephenytoin see ethylphenylhydantoin

N-desmethylmethoxyphenamine
(RN) 15402-84-3
(RR) 72739-03-8 (HCl(+-)-isomer)
(RR) 73495-53-1 ((S)-isomer
(RR) 64610-39-5 (sulfate (2:1))
(RR) 59291-68-8 ((+-)-oxalate (1:1)
(RR) 52850-79-0 ((+-)-oxalate)
(RR) 52850-78-9 ((+-)-isomer)
(RR) 5344-61-6 (HCl)
(SY) NDMP
(HM) AMPHETAMINE/*analogs
(NO) metabolite of methoxyphenamine; RN given refers to parent cpd without isomeric designation

O-desmethylmethoxyphenamine
(SY) ODMP
(HM) METHAMPHETAMINE/*analogs
(NO) metabolite of methoxyphenamine

desmethylmethsuximide
(RN) 1497-17-2
(HM) *METHSUXIMIDE/analogs
(NO) structure

desmethylmisonidazole
(RN) 13551-92-3
(SY) demethylmisonidazole
(SY) Ro 05-9963
(HM) MISONIDAZOLE/*analogs
(PA) MUTAGENS
(PA) RADIATION-SENSITIZING AGENTS

desmethylmorphine see normorphine

desmethylnortriptyline
(RN) 4444-42-2
(HM) NORTRIPTYLINE/*analogs
(NO) nortriptyline metabolite

desmethylperazine see 10-piperazinylpropylphenothiazine

desmethylphalloin
(RN) 25030-32-4
(SY) demethylphalloin
(HM) *ALKALOIDS
(II) MYCOTOXINS
(NO) cyclopeptide similar to phalloidin

N-desmethylpheniramine
(RN) 19428-44-5
(SY) N-DMPA
(HM) PHENIRAMINE/*analogs
(NO) structure given in first source

N-desmethylpropafenone see N-depropylpropafenone

O-desmethylquinidine see 6'-hydroxycinchonidine

5-desmethylranitidine
(RN) 66357-25-3
(RR) 66357-24-2 (HCl)
(HM) RANITIDINE/*analogs
(NO) urinary metabolite of ranitidine; structure given in first source

N-desmethyltamoxifen
(RN) 31750-48-8
(RR) 77069-82-0 (citrate[1:1](Z)-isomer)
(SY) demethyltamoxifen
(HM) TAMOXIFEN/*analogs
(NO) main metabolite of tamoxifen; RN given refers to (Z)-isomer; RN for cpd without isomeric designation not in Chemline 6/84

desmethyltrimipramine
(RN) 2293-21-2
(RR) 67341-71-3 (maleate[1:1])
(HM) *TRIMIPRAMINE/analogs
(NO) major metabolite of trimipramine; RN given refers to parent cpd

desmoglein
(HM) *PROTEINS
(NO) desmosomal core protein present in the intercellular space of normal human & bovine desmosomes; MW 160,000

17,20-desmolase see 17 alpha-hydroxyprogesterone aldolase

DES monooxygenase see diethylstilbestrol monooxygenase

desmoplakin
(SY) desmoplakin I
(SY) desmoplakin II
(SY) desmosomal plaque proteins
(SY) desmosome plaque polypeptides
(HM) *MEMBRANE PROTEINS
(II) DESMOSOMES
(NO) proteins in desmosomal plaques of epithelial & myocardial cells

desmoplakin I see desmoplakin

desmoplakin II see desmoplakin

desmosomal plaque proteins see desmoplakin

desmosome plaque polypeptides see desmoplakin

desoctapeptide insulin see insulin, desoctapeptide-

desogestrel
(RN) 54024-22-5
(SY) 13-ethyl-11-methylene-18,19-dinor-17 alpha-pregn-4-en-20-yn-17-ol
(SY) Org 2969
(SY) marvelon
(HM) *NORPREGNENES
(II) PROGESTATIONAL HORMONES, SYNTHETIC
(NO) RN given refers to (17alpha)-isomer; RN for cpd without isomeric designation not in Chemline 6/84; structure

desoxyadenosylcobalamine see cobamamide

N,N'-desoxycarbadox
(RN) 55456-55-8
(SY) N,N'-deoxycarbadox
(HM) *CARBADOX/analogs
(NO) metabolite of carbadox

4-desoxydoxorubicin see 4'-deoxydoxorubicin

17-desoxyestradiol
(RN) 53-63-4
(SY) 17-deoxyestradiol
(HM) ESTRADIOL/*analogs

desoxyfructo-serotonin
(RN) 57003-86-8
(RR) 81615-94-3 (oxalate[1:1](D)-isomer)
(RR) 81615-95-4 (phosphate(D)-isomer)
(RR) 63535-24-0 (unspecified oxalate(D)-isomer)
(SY) deoxyfructo-serotonin
(HM) SEROTONIN/*analogs
(PA) LEPROSTATIC AGENTS
(NO) RN given refers to parent cpd(D)-isomer; RN for cpd without isomeric designation not in Chemline 6/84

6-desoxy-D-glucosamine
(RN) 6018-53-7
(RR) 6189-58-8 (HCl)
(SY) quinovosamine
(HM) GLUCOSAMINE/*analogs
(NO) RN given refers to (D)-isomer; RN for cpd without isomeric designation not in Chemline 7/19/83

desoxymansil see desoxyoxamniquine

6-desoxy-6-methylenenaltrexone see nalmefene

desoxynojirimycin see deoxynojirimycin

desoxynupharidine see deoxynupharidine

desoxyoxamniquine
(RN) 21738-41-0
(RR) 33776-78-2 (maleate[1:1](+-)-isomer)
(SY) isopropylaminomethyl-6-methyl-7-nitro- 1,2,3,4-tetrahydroquinoline
(SY) UK 3883
(SY) desoxymansil
(HM) *OXAMNIQUINE/analogs
(PA) ANTHELMINTICS
(NO) RN given refers to parent cpd; structure

11-desoxyprostacyclin
(RN) 84414-09-5
(SY) 11-deoxyprostacyclin
(HM) *PROSTAGLANDINS X
(NO) RN given refers to (5Z,9alpha,13E,15S)-(+-)-isomer; RN for cpd without isomeric designation not in Chemline 11/84; structure given in first source

despa-kowa
(RN) 82824-05-3
(HM) *CHLORHEXIDINE
(HM) DIPHENHYDRAMINE/*analogs
(HM) *BENZALKONIUM COMPOUNDS
(HM) HYDROCORTISONE/*analogs
(HM) DRUG COMBINATIONS
(PA) ANTI-INFLAMMATORY AGENTS, TOPICAL
(NO) ointment containing diphenhydramine salicylate, hydrocortisone acetate, benzalkonium chloride,& chlorhexidine

des-(pGlu)(1)-LHRH see LHRH, des-(pGlu)(1)-

des-Phe(16) human calcitonin see calcitonin, des-Phe(16)

des-Phe-insulin see insulin, des-Phe-

des-Phe (B1)insulin see insulin, des-Phe-

des-phenylalanine(16)-calcitonin, human see calcitonin, des-Phe(16)

desphenylalanine-insulin see insulin, des-Phe-

despirol see kelevan

des-(pyroglutamyl)(1)-LHRH see LHRH, des-(pGlu)(1)-

DES quinone see diethylstilbestrol quinone

des-N-tetramethyltriostin A see TANDEM

desthiobiotin
(RN) 15720-25-9
(RR) 533-48-2 ((4R-cis)-isomer)
(RR) 636-20-4 ((cis)-(+-)-isomer)
(SY) dethiobiotin
(HM) BIOTIN/*analogs
(PA) IMMUNOSUPPRESSIVE AGENTS
(II) MITOGENS
(NO) RN given refers to cpd without isomeric designation; structure

destomycin A
(RN) 14918-35-5
(HM) AMINOGLYCOSIDES
(PA) ANTIBIOTICS
(NO) structure given in first source

des-Trp(1)-Nle(12)-minigastrin see minigastrin, des-Trp(1)-Nle(12)-

destruxin A
(RN) 6686-70-0
(HM) *PEPTIDES, CYCLIC
(PA) ANTINEOPLASTIC AGENTS
(II) MYCOTOXINS
(NO) cyclopeptide from entomopathogenic fungus Metarhyzium anisopliae; structure given in first source

destruxin A2
(RN) 79386-02-0
(SY) destruxin A, 2-L-valine-
(HM) *PEPTIDES, CYCLIC
(PA) ANTINEOPLASTIC AGENTS
(II) MYCOTOXINS
(NO) cyclopeptide from entomopathogenic fungus Metarhyzium anisopliae; RN from 1984 CAS Index Guide; RN not in Chemline 3/84; structure given in first source

destruxin B
(RN) 2503-26-6
(HM) *PEPTIDES, CYCLIC
(PA) ANTINEOPLASTIC AGENTS
(II) MYCOTOXINS
(NO) cyclopeptide from entomopathogenic fungus Metarhyzium anisopliae; structure given in first source

destruxin B1
(RN) 79386-01-9
(HM) *PEPTIDES, CYCLIC
(PA) ANTINEOPLASTIC AGENTS
(II) MYCOTOXINS
(NO) cyclopeptide from entomopathogenic fungus Metarhyzium anisopliae; RN from 1984 CAS Index Guide; RN not in Chemline 3/84; structure given in first source

destruxin E
(RN) 76689-14-0
(HM) *PEPTIDES, CYCLIC
(PA) ANTINEOPLASTIC AGENTS
(II) MYCOTOXINS
(NO) cyclopeptide from entomopathogenic fungus Metarhyzium anisopliae; structure given in first source

destruxin A, 2-L-valine- see destruxin A2

des-tryptophyl(1)-norleucyl(12)-minigastrin see minigastrin, des-Trp(1)-Nle(12)-

Destun see perfluidone

Destun 50WP see perfluidone

des-Tyr-dynorphin see dynorphin, des-Tyr-

des-Tyr-a-endorphin see des-tyrosine-alpha-endorphin

(des-tyr)-gamma-endorphin see (des-Tyr(1))-gamma-endorphin

(des-Tyr(1))gamma-endorphin see (des-Tyr(1))-gamma-endorphin

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(des-Tyr(1))-gamma-endorphin
(RN) 67810-56-4
(SY) DTgammaE
(SY) beta-lipotropin(62-77)
(SY) beta-LPH(62-77)
(SY) destyrosine(1)-gamma-endorphin
(SY) (des-tyr)-gamma-endorphin
(SY) (des-Tyr(1))gamma-endorphin
(SY) des-tyrosyl-gamma-endorphin
(SY) Des-1-tyrosine gamma-endorphin
(SY) des-tyrosine-gamma-endorphin
(HM) *ENDORPHINS
(HM) *PEPTIDE FRAGMENTS
(PA) ANTIDEPRESSIVE AGENTS
(II) AVOIDANCE LEARNING/drug eff
(II) SCHIZOPHRENIA/drug ther

des-Tyr(1)-leucine enkephalin see enkephalin-Leu, des-Tyr(1)-

des-Tyr(5)-LHRH see LHRH, des-Tyr(5)-

des-Tyr(1)-Met-enkephalin see enkephalin-Met, des-Tyr(1)-

des-tyrosine-alpha-endorphin
(RN) 69460-01-1
(SY) des-Tyr-a-endorphin
(SY) alpha-Endorphin (sheep) , 1-de-L-tyrosine-
(HM) *ENDORPHINS

des-tyrosine-gamma-endorphin see (des-Tyr(1))-gamma-endorphin

Des-1-tyrosine gamma-endorphin see (des-Tyr(1))-gamma-endorphin

destyrosine(1)-gamma-endorphin see (des-Tyr(1))-gamma-endorphin

des-5-tyrosine-LHRH see LHRH, des-Tyr(5)-

des-tyrosyl-gamma-endorphin see (des-Tyr(1))-gamma-endorphin

N-desulfated heparin see heparin, N-desulfated

desulfo-CoA see desulfo-coenzyme A

desulfo-coenzyme A
(RN) 5863-40-1
(SY) desulfo-CoA
(SY) coenzyme A, desulfo
(HM) COENZYME A/*analogs
(NO) RN given refers to (R)-isomer; RN for cpd without isomeric designation not in Chemline 6/84

N-desulfoheparan sulfate
(SY) N-desulfoheparitin sulfate
(HM) *HEPARITIN SULFATE/analogs
(NO) N-desulfated derivative of heparan sulfate; retains O-sulfate groups

N-desulfoheparitin sulfate see N-desulfoheparan sulfate

desulforedoxin
(RN) 72066-33-2
(SY) iron protein (Desulfovibrio gigas)
(HM) *IRON-SULFUR PROTEINS
(II) BACTERIAL PROTEINS
(NO) non-heme iron protein from Desulfovibrio gigas; contains 2 iron atoms linked to sulfur of 8 cysteine residues

7,8-des-Val-gramicidin A see gramicidin A, 7,8-des-Val-

DETA-20 see Diethyltoluamide-20

3,4-DETBA see 3,4-dihydroxy-1,2-epoxy-1,2,3,4-tetrahydrobenz(a) anthracene

8,9-DETBA see 8,9-dihydro-8,9-dihydroxybenzanthracene 10,11-oxide

3,4-DETBP see 3,4-dihydroxy-1,2-epoxy-1,2,3,4-tetrahydrobenz(a) anthracene

1,3-DETB see 1,3-diethyl-2-thiobarbituric acid

3,4-DET-DBF see 3,4-dihydroxy-1,2-epoxy-1,2,3,4-tetrahydrodibenzo(a,e) fluoranthene

deterenol
(RN) 7376-66-1
(RR) 76166-70-6 (oxalate[2:1](+-)-isomer)
(RR) 51542-07-5 (unspecified sulfate salt)
(RR) 23239-36-3 (HCl(+-)-isomer)
(RR) 7104-41-8 (sulfate[1:1])
(RR) 3506-31-8 ((+-)-isomer)
(SY) AL 842
(SY) 1-(4-hydroxyphenyl)-2-isopropylaminoethanol
(SY) PI-39
(SY) PI 39
(SY) N-isopropyloctopamine
(SY) N-isopropylnorsynephrine
(HM) NORSYNEPHRINE/*analogs
(PA) ANTIHYPERTENSIVE AGENTS
(PA) SYMPATHOMIMETICS
(NO) RN given refers to parent cpd without isomeric designation; structure

deterlon see dodecylbenzenesulfonic acid

dethiobiotin see desthiobiotin

dethiobiotin synthetase
(RN) EC 6.3.3.3
(HM) *LIGASES

dethiobiotinylinsulin see insulin, dethiobiotinyl-

1,2-DETMC see 1,2-dihydroxy-3,4-epoxy-1,2,3,4-tetrahydro-5-methylchrysene

7,8-DETMC see 7,8-dihydroxy-9,10-epoxy-7,8,9,10-tetrahydro-5-methylchrysene

detomidine
(RN) 76631-46-4
(SY) detomidine hydrochloride
(HM) *IMIDAZOLES
(PA) ANALGESICS
(PA) HYPNOTICS AND SEDATIVES
(NO) RN given from USAN; RN not in Chemline 6/84; structure given in first source

detomidine hydrochloride see detomidine

detorubicin
(RN) 66211-92-5
(SY) R.P. 33 921
(SY) 14-diethoxyacetoxydaunorubicin
(SY) 33921 RP
(HM) DAUNORUBICIN/*analogs
(PA) ANTIBIOTICS, ANTINEOPLASTIC

1,6-DETO see 1,6-dithiabenz(3,4)estra-3,5(10),8,14-tetraen-17-one

DETP see O,O-diethyl phosphorothionate

DETR see RHC 3281

dettol see chloroxylenol

dettox
(HM) *AMMONIUM COMPOUNDS
(II) DISINFECTANTS
(NO) based on quaternary ammonium cpd & buffered detergent; no other info available 1/84

dET2Tyr(Me)-OVT see oxytocin, 1-(beta-mercapto-(beta,beta-cyclopentamethylene)propionic acid)-8-ornithine-

detyrosine dynorphin see dynorphin, des-Tyr-

1-detyrosinyl-methionine enkephalin see enkephalin-Met, des-Tyr(1)-

deuterium oxide
(RN) 7789-20-0
(RR) 13587-54-7 (cpd with MF DO)
(RR) 20205-58-7 (2H,1-(17)O-labeled cpd)
(RR) 14674-67-0 (2H,1-(18)O-labeled cpd)
(SY) heavy water
(HM) *DEUTERIUM
(HM) *WATER
(NO) RN given refers to cpd with MF D2O

deuteroferriheme see deuterohemin

deuteroheme
(RN) 18922-88-8
(HM) *DEUTEROPORPHYRINS

deuterohemin
(RN) 21007-21-6
(SY) deuteroferriheme
(HM) *HEMIN/analogs
(NO) structure

deuteroporphyrin see deuteroporphyrin-IX

deuteroporphyrin-IX
(RN) 448-65-7
(RR) 68929-05-5 (di-HCl)
(SY) deuteroporphyrin
(HM) *DEUTEROPORPHYRINS
(NO) RN given refers to parent cpd

7,8-devaline-gramicidin A see gramicidin A, 7,8-des-Val-

development specific protein, Myxococcus xanthus see protein S (Myxococcus xanthus)

development-specific protein (Sclerotinia)
(SY) DSP-SC
(HM) *FUNGAL PROTEINS
(NO) makes up about 40% of the total protein in sclerotia of Sclerotinia sclerotiorum

dexacillin see epicillin

dexafen
(HM) *DEXAMETHASONE
(HM) *BENZALKONIUM COMPOUNDS
(HM) *CHLOROPHENOLS
(HM) *THYMOL
(HM) DRUG COMBINATIONS
(PA) ANTI-INFECTIVE AGENTS, LOCAL
(II) ROOT CANAL IRRIGANTS
(NO) combination of dexamethasone, dimethyllauryl benzylammonium, parachlorophenol & thymol used in sterilizing root canals

dexamethasone acetate
(RN) 1177-87-3
(RR) 432-33-7 ((6alpha,11beta)-isomer)
(HM) DEXAMETHASONE/*analogs
(NO) RN given refers to (11beta,16alpha)-isomer; RN for cpd without isomeric designation not in Chemline 6/84

dexamethasone-17 beta-carboxamide see dexamethasone-17-carboxamide

dexamethasone 21 beta-D-glucoside see dexamethasone 21-glucoside

dexamethasone binding protein see dexamethasone receptor

dexamethasone binding site see dexamethasone receptor

dexamethasone 21-bromoacetate
(HM) DEXAMETHASONE/*analogs
(II) AFFINITY LABELS

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dexamethasone-17-carboxamide
(RN) 82137-90-4
(SY) 17-carboxamide dexamethasone
(SY) dexamethasone-17 beta-carboxamide
(SY) DX-17-carboxamide
(HM) DEXAMETHASONE/*analogs

dexamethasonedisodium phosphate see dexamethasone-21-phosphate

dexamethasone 21-glucoside
(RN) 88158-43-4
(SY) dexamethasone 21 beta-D-glucoside
(HM) DEXAMETHASONE/*analogs
(PA) ANTI-INFLAMMATORY AGENTS
(NO) prodrug of dexamethasone used in treating inflammatory bowel disease; RN & structure given in first source; RN not in Chemline 4/84; RN given refers to (beta-D)-isomer

dexamethasone 21-iodoacetate
(HM) DEXAMETHASONE/*analogs
(II) AFFINITY LABELS

dexamethasone 21-mesylate see dexamethasone-21-methanesulfonate

dexamethasone-21-methanesulfonate
(RN) 2265-22-7
(SY) dexamethasone 21-mesylate
(HM) DEXAMETHASONE/*analogs
(II) AFFINITY LABELS
(NO) RN given refers to (11beta,16alpha)-isomer; RN for cpd without isomeric designation not in Chemline 6/84

dexamethasone oxetanone
(HM) DEXAMETHASONE/*analogs
(NO) structure given in first source

dexamethasone-21-phenylpropionate
(RN) 1879-72-7
(HM) DEXAMETHASONE/*analogs
(NO) RN given refers to (11beta,16alpha)-isomer; RN for cpd without isomeric designation not in Chemline 6/84

dexamethasone phosphate disodium salt see dexamethasone-21-phosphate

dexamethasone-21-phosphate
(RN) 312-93-6
(RR) 1869-92-7 (mono-Na salt(11beta,16alpha)-isomer)
(RR) 31746-01-7 (cpd with unspecified locants for phosphonooxy moieties)
(RR) 13926-43-7 (unspecified Na salt(11beta,16alpha)-isomer)
(RR) 18562-16-8 ((6alpha,11beta,16alpha)-isomer)
(RR) 2145-14-4 (di-Na salt(6alpha,11beta,16alpha)-isomer)
(RR) 2392-39-4 (di-Na salt(11beta,16alpha)-isomer)
(RR) 76165-09-8 (Cu(+2)[2:3] salt(11beta,16alpha)-isomer)
(RR) 151-73-5 (di-Na salt(11beta,16beta)-isomer)
(RR) 31057-53-1 (Na salt(11beta,16beta)-isomer)
(SY) decadron phosphate
(SY) dexamethasone sodium phosphate
(SY) dexamethasone phosphate disodium salt
(SY) Solu- Decadron
(SY) dexamethasonedisodium phosphate
(SY) Betnesol
(SY) neodecadron
(HM) DEXAMETHASONE/*analogs
(NO) RN given refers to (11beta,16alpha)-isomer; RN for cpd without isomeric designation not in Chemline 6/84

dexamethasone pivalate see dexamethasone trimethyl acetate

dexamethasone receptor
(SY) dexamethasone binding site
(SY) dexamethasone receptors
(SY) receptor, dexamethasone
(SY) dexamethasone binding protein
(SY) dexamethasone receptor protein
(HM) *RECEPTORS, GLUCOCORTICOID
(II) DEXAMETHASONE

dexamethasone receptor protein see dexamethasone receptor

dexamethasone receptors see dexamethasone receptor

dexamethasone sodium phosphate see dexamethasone-21-phosphate

dexamethasone sodium sulfate see dexamethasone sulfate ester

dexamethasone sulfate ester
(RN) 7793-27-3
(RR) 466-11-5 (mono-Na salt(11beta,16alpha)-isomer)
(SY) dexamethasone sodium sulfate
(HM) DEXAMETHASONE/*analogs
(NO) significant difference in anti-endotoxic potency compared to dexamethasone disodium phosphate; RN given refers to (11beta,16alpha)-isomer; RN for cpd without isomeric designation not in Chemline 6/84

dexamethasone trimethyl acetate
(RN) 1926-94-9
(SY) dexamethasone pivalate
(HM) DEXAMETHASONE/*analogs
(NO) RN given refers to (11beta,16alpha)-isomer; RN for cpd without isomeric designation not in Chemline 6/84

dexamethasone valerate see dexamethasone 17-valerate

dexamethasone 17-valerate
(RN) 33755-46-3
(SY) dexamethasone valerate
(HM) DEXAMETHASONE/*analogs
(NO) RN given refers to (11beta,16alpha)-isomer; RN for cpd without isomeric designation not in Chemline 6/84; structure

dexbrompheniramine
(RN) 132-21-8
(RR) 2391-03-9 (maleate[1:1](S)-isomer)
(RR) 32865-01-3 (maleate[1:1](+-)-isomer)
(RR) 980-71-2 (maleate[1:1])
(RR) 32656-44-3 ((R)-isomer)
(RR) 32188-07-1 ((+-)-isomer)
(SY) dexbrompheniramine maleate
(SY) disophrol
(HM) *BROMPHENIRAMINE
(II) STEREOISOMERS

dexbrompheniramine maleate see dexbrompheniramine

dexchlorpheniramine
(RN) 25523-97-1
(RR) 23095-76-3 (maleate[1:1](R)-isomer)
(RR) 2438-32-6 (maleate[1:1](S)-isomer)
(RR) 1102-47-2 (unspecified maleate)
(RR) 65356-15-2 (unspecified Na.maleate[1:1])
(RR) 56343-98-7 (mono-HCl)
(RR) 42882-96-2 ((+-)-isomer)
(RR) 32188-09-3 ((R)-isomer)
(RR) 7054-11-7 (maleate[1:1](+-)-isomer)
(RR) 5502-69-2 (mono-HCl(S)-isomer)
(RR) 113-92-8 (unspecified maleate [1:1])
(SY) dexchlorpheniramine maleate
(SY) dextrochlorpheniramine maleate
(HM) *CHLORPHENIRAMINE
(II) STEREOISOMERS
(NO) RN given refers to parent cpd(S)-isomer; RN for cpd without isomeric designation not in Chemline 6/84

dexchlorpheniramine maleate see dexchlorpheniramine

dexclamol
(RN) 34071-19-7
(RR) 52340-25-7 ((3S-(3alpha,4aalpha,13bbeta))-isomer)
(RR) 54831-82-2 (HCl(3alpha,4aalpha,13bbeta)-(+-)-isomer)
(RR) 58383-25-8 (HCl(3R-(3alpha,4aalpha,13bbeta))-isomer)
(RR) 61426-01-5 ((3alpha,4aalpha,13bbeta)-(+-)-isomer)
(RR) 61475-50-1 ((3R-(3alpha,4aalpha,13bbeta))-isomer)
(RR) 52389-27-2 (HCl(3S-(3alpha,4aalpha,13bbeta))-isomer)
(HM) *DIBENZOCYCLOHEPTENES
(PA) DOPAMINE/antag
(NO) RN given refers to parent cpd without isomeric designation; structure

4'-dexdemycarosyltylosin see 4'-dexydemycarosyltylosin

dexon see dexon (fungicide)

dexon (fungicide)
(RN) 150-70-9
(RR) 140-56-7 (Na salt)
(SY) p-dimethylaminodiazobenzenesulfonic acid
(SY) dexon
(SY) fenaminosulf
(HM) *BENZENESULFONATES
(PA) FUNGICIDES, INDUSTRIAL
(NO) Dexon is also a trade name for polyglycolic acid
(MH); RN given refers to parent cpd

dexoxadrol
(RN) 4741-41-7
(RR) 23257-58-1 (HCl)
(RR) 3666-69-1 (duplicate RN HCl)
(RR) 631-06-1 (duplicate RN HCl)
(RR) 4792-18-1 (duplicate RN parent cpd)
(RR) 6495-46-1 (duplicate RN parent cpd)
(HM) *DIOXOLANES
(HM) *PIPERIDINES
(PA) ANALGESICS
(NO) RN given refers to parent cpd; structure

dexpanthenol
(RN) 62507-76-0
(RR) 16485-10-2 ((+-)-isomer)
(RR) 81-13-0 ((R)-isomer)
(SY) pantothenol
(SY) panthenol
(SY) Bepanthen
(HM) PANTOTHENIC ACID/*analogs
(NO) The alcohol of pantothenic acid; RN given refers to cpd without isomeric designation; structure

dextrallorphan
(RN) 5822-43-5
(RR) 13075-35-9 (HBr(9alpha,13alpha,14alpha)-isomer)
(RR) 52486-64-3 (HCl)
(RR) 64783-66-0 ((+-)-isomer)
(HM) *LEVALLORPHAN
(II) STEREOISOMERS
(NO) RN given refers to (9alpha,13alpha,14alpha)-isomer

dextran-alpha (1-3) see alpha-1,3-dextran

dextran, alpha (1-6)- see alpha-1,6-dextran

dextran blue see blue dextran

dextran-glucosidase see exo-1,6-alpha-glucosidase

dextran-hemoglobin complex (deoxygenated)
(SY) DHCDO
(HM) *DEXTRANS
(HM) *HEMOGLOBINS
(PA) RADIATION-PROTECTIVE AGENTS

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dextran-2-hydroxy-3-mercaptopropyl ether
(RN) 62340-64-1
(SY) C 79
(SY) C-79
(HM) *DEXTRANS

dextran H-2 see 3-morpholine-2-hydroxypropyl dextran ether

dextran-insulin complex see insulin-dextran

dextranomer
(RN) 56087-11-7
(SY) Debrisan
(SY) debrisorb
(HM) *DEXTRANS
(NO) for treatment of burns; consists of three-dimensional network of dextran polymers cross-linked by epichlorohydrin.

dextran receptor
(SY) receptor, dextran
(SY) dextran receptors
(HM) *RECEPTORS, IMMUNOLOGIC
(II) DEXTRANS

dextran receptors see dextran receptor

dextransucrase
(RN) EC 2.4.1.5
(RR) 9032-14-8 (CRN)
(SY) sucrose 6-glucosyltransferase
(SY) alpha-1,6-glucan: D-fructose 2-glucosyltransferase
(SY) sucrose-1,6-alpha-D-glucan 6-alpha-glucosyltransferase
(HM) *GLUCOSYLTRANSFERASES

dextran sulfate
(RN) 9042-14-2
(HM) *DEXTRANS
(II) MITOGENS
(NO) mitogen for human T-lymphocytes

dextran sulfate sodium
(RN) 9011-18-1
(SY) sodium dextran sulfate
(HM) *DEXTRANS

Dextriferron see ferrous gluconate

dextrin glycosyl-transferase see 4 alpha-glucanotransferase

dextroamphetamine N-dithiocarbamate
(HM) DEXTROAMPHETAMINE/*analogs
(NO) structure given in first source

dextroamphetamine N-thiourea
(HM) DEXTROAMPHETAMINE/*analogs
(NO) structure given in first source

dextrochlorpheniramine maleate see dexchlorpheniramine

dextrolyte
(HM) *GLUCOSE
(HM) *ELECTROLYTES
(PA) GASTROINTESTINAL AGENTS
(NO) glucose-electrolyte solution used in management of children with acute gastroenteritis

dextro-n-propylamphetamine see d-N-propylamphetamine

dextrostix
(HM) *GLUCOSE OXIDASE
(HM) *PEROXIDASES
(II) CHROMOGENIC COMPOUNDS
(II) REAGENT STRIPS
(NO) reagent strips of stiff absorbant cellulose impregnated on one end with a mixture of glucose oxidase, peroxidase & a chromogen system coated with a semipermeable membrane; color test for approximate estimation of blood glucose

4'-dexydemycarosyltylosin
(RN) 80241-24-3
(SY) 4'-dexdemycarosyltylosin
(SY) demycarosyltylosin
(HM) *LEUCOMYCINS
(NO) structure given in first source

dezam
(RN) 77907-43-8
(HM) *CHLORIDES
(PA) DISINFECTANTS
(NO) used to disinfect Staph aureus contamination

dezocine
(RN) 52437-65-7
(RR) 83461-52-3 ((5alpha,11alpha,13S*)-isomer)
(RR) 58383-80-5
(HBr(5S-(5alpha,11alpha,13*))-isomer)
(RR) 53648-55-8 ((5R-(5alpha,11alpha,13S*))-isomer)
(RR) 2264-28-8
(HBr(5alpha,11alpha,13*)-(+-)-isomer)
(RR) 42013-66-1 (HBr(5alpha,11alpha,13S*)-isomer)
(RR) 57236-36-9
(HBr(5R-(5alpha,11alpha,13S*))-isomer)
(SY) Wy-16,225
(SY) (-5alpha, 11alpha,13s)-13-amino-5,6,7,8,9,10,11,12-octahydro-5-methyl-5,11-methanobenzocyclodecen-3-ol
(HM) *CYCLOPARAFFINS
(PA) ANALGESICS
(PA) NARCOTIC ANALGESICS
(NO) potent analgesic; RN given refers to parent cpd without isomeric designation; structure

DE 020 see micronomicin

DE-020 see micronomicin

DE-145 see dihydroergostin

DE-3936 see lonomycin

DE-4160 see ticlopidine

5,6-DE-3-A see 5,6-dihydroxy-8,11,14-eicosatrienoic acid

2-DFAGA see 2-deoxy-2-formamidogalacturonic acid

DFD see diformyl dapsone

DFDDS see diformyl dapsone

DFDNPS see difluorodinitrobenzene sulfone

DFHGC see difucosyl heptaglycosylceramide

24,24-DFHV see 24,24-difluoro-25-hydroxyvitamin D3

DFLDEHPROSTA see 10,10-difluoro-13-dehydroprostacyclin

DFLHC see difucosyllacto-N-hexaosylceramide

DFMDP see difluoromethylene diphosphonate

DFMO see alpha-difluoromethylornithine

DFMOIAA see ((6,7-dichloro-2-(4-fluorophenyl)-2-methyl-1-oxo-5-indanyl)oxy)acetic acid

DFP-alpha-thrombin
(SY) diisopropylfluorophosphate-alpha-thrombin
(HM) THROMBIN/*analogs
(HM) ISOFLUROPHATE/*analogs

DFPase see di-isopropyl-fluorophosphatase

6-DFPIMS see N-(6-(2,4-difluorophenoxy)indan-5-yl) methanesulfonamide

DFRA see 4,4-difluororetinoic acid

DFUG see 1,3-didecanoyl-2-(6-(5-fluorouracil-1-yl) carbonylamino)glyceride

5'-DFUR see 5'-deoxy-5-fluorouridine

DF 118 see dihydrocodeine

dG-8-AAF see N-(deoxyguanosin-8-yl)acetylaminofluorene

DG-8-AF see N-(deoxyguanosin-8-yl)-2-aminofluorene

D1.1 ganglioside
(SY) D1.1-ganglioside
(HM) *GANGLIOSIDES
(NO) present on neuroepithelial stem cells of the external granule cell layer; characterizes germinal stage in development of cerebellar interneurons

D1.1-ganglioside see D1.1 ganglioside

DGAQO see N-(deoxyguanosin-C(8)-yl)-4-aminoquinoline 1-oxide

DGAVP see vasopressin, 9-des-Gly-NH(2)-8-Arg-

dG(3'-5')dA see deoxyguanylyl-(3'-5')-deoxyadenosine

(dG-dC)3 see tri-(deoxyguanylic acid-deoxycytidylic acid)

DGGACMK see dansylglutamyl-glycyl-arginine chloromethyl ketone

DG-Glnc see digoxin-16'-glucuronide

DGLDG see digalactosyldiglycerides

DGLH see deglycosylated lutropin

DGLMLP-LHRH see LHRH, N-Et-ProNH(2)(9)-Leu(6)-Leu(N- alpha-Me)(7)-des-GlyNH(2)(10)-

DGLVP see vasopressin, 9-des-Gly-NH(2)-Lys-

1-DGMC2 see 1-deaminogentamicin C2

dGMP see 2'-deoxyguanosine 5'-phosphate

2'-dG-5'-MP see 2'-deoxyguanosine 5'-phosphate

DGNH-LHRH see LHRH, N-Et-ProNH(2)(9)-des-GlyNH(2)(10)-

DGPGA see 2'-deoxyguanosine-3'-(phospho-2''-O-glycolic acid)

1,2-DGPG see 1,2-di-O-acyl-3-O-beta-D-galactopyranosyl-sn-glycerol

N,N-DGPM see N,N-dimethylcarbamoyl-4-(4-guanidinobenzyloxy)phenyl acetate methane sulfate

dGTP see deoxyguanosine triphosphate

1,2-DGTPC see 1,2-dipalmitoyl-sn-glycero-3-thiophosphocholine

DG-trigly-LVP see vasopressin, N-alpha-Gly-Gly-Gly-8-Lys-9-des-GlyNH2-

DGTV see dansylhydrazide trivaline

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1,3-DG-3-P see 1,3-dipalmitoyl-2-phosphatidylcholine

DG 5128 see DG-5128

DG-5128

(RN) 66529-17-7
(RR) 79689-25-1 (di-HCl)
(RR) 82631-03-6 (di-HCl.sesquihydrate)
(SY) 2-(2-(4,5-dihydro-1H-imidazol-2-yl)-1-phenylethyl)pyridine dihydrochloride sesquihydrate
(SY) DG 5128
(HM) *IMIDAZOLES
(PA) HYPOGLYCEMIC AGENTS
(NO) orally effective hypoglycemic agent structurally unrelated to known hypoglycemics; RN given for parent cpd

1,2-DHABC see 1,2-dihydroxy-6,7,8,9-tetrahydro-6-aminobenzocycloheptene

DHAP-acyltransferase see dihydroxyacetone-phosphate acyltransferase

DHA peroxide see docosahexaenoic acid hydroperoxide

DHAQ see mitoxantrone

DHA-S see dehydroacetic acid

2-DHBB see 2-amino-6,7-dihydroxybenzonorbornene

DHBDU see dihydroxyboryldeoxyuridine

DHBG see 9-(3,4-dihydroxybutyl)guanine

2-DHBI see 2-(3,4-dihydroxybenzyl)imidazoline

4-DHBMD see
4-(4'-(((3,4-dihydro-3-hydroxy-2H-1,5-benzodioxepin-3-yl)methyl)thio)(1,1'-biphenyl)-4-yl)-2,4- dioxobutanoic acid

DHBS see dihydrodibutylstilbestrol

7,8-DHBTA see 7,8-dihydrobatrachotoxin A

DHCDO see dextran-hemoglobin complex (deoxygenated)

DHC 27-monooxygenase see cholestanetriol 26-monooxygenase

1,3-DHCM see methyl 1,3-dihydroxy 5-cholan-24-oate

DHCPM see 2a,2b-dihomocarboprost methyl

DHDAA see dihexadecyldimethylammonium

4,5-DHDA see 4,5-dihydroxy-2,3-decenal

DHDBBMC see
3,4-dihydro-3,4-dibromo-6-bromomethylcoumarin

2,3-DHDBB see 3-bromo-3,5-cyclohexadiene-1,2-diol

DHDBE see 4,4'-oxydi-2-butanol

7,8-DHDDM-chlorpromazine see
7,8-dihydroxy-N,N-didesmethylchlorpromazine

DHDHNP see 4,5-dihydro-4,5-dihydroxy-1-nitropyrene

3,3'-DHDIC see 3,3'-dihexadecylindocarbocyanine

DHDNE see dihydrodinoreburnameninol

16,18-DH-DOCA see 16 alpha,18-dihydroxydeoxycorticosterone

18,19-DH-DOCA see 18,19-dihydroxydeoxycorticosterone

1,3-DHDO see
1,3-dichloro-6,7-dihydro-5H-dibenz(b,g)-1,4-oxazocine

DHDPA synthase see dihydrodipicolinate synthase

DHDTPC see dihexanoyldithiophosphatidylcholine

3-DHD see 3'-deamino-3'-hydroxydoxorubicin

DHEA oenanthate see dehydroepiandrosterone enanthate

DHEA sulfatase see dehydroepiandrosterone sulfate sulfatase

DHEA sulfate see dehydroepiandrosterone sulfate

DHEA sulfotransferase see dehydroepiandrosterone sulphotransferase

2,6-DHEMP see
2,6-diamino-9-(2-hydroxyethoxymethyl)purine

DHEO-MC see
9,10-dihydroxy-7,8-epoxy-7,8,9,10-tetrahydro-3-methylcholanthrene

DHESN see 9,10-dihydroergosine

1,6-DHETO see
1,6-dithiabenz(3,4)homoestra-3,5(10),8,14-tetraen-17- one

2-DHE-22-P see
2-deoxy-20-hydroxyecdysone-22-phosphate

3,17-DHE see 3,17-dihydroxy-5-estrene

5,6-DHFPR see 5,6-dihydroflavopereirine

DHFU see 5-fluorodihydrouracil

DHGHAB see
2,3-dihydro-2-(N(7)-guanyl)-3-hydroxyaflatoxin B1

DHINVP see 1,2-dihydro-2-imino-4-(1-naphthylvinyl)-1-pyridineethanol

5,6-DHIS see 5-hydroxy-6-indolyl-O-sulfate

DHITO see 2,3-dihydroimidazo(2,1b)thiazole 1-oxide

DHK-PGF2alpha see 15-keto-13,14-dihydroprostaglandin F2alpha

DHLNL see 5,5'-dihydroxylysylnorleucine

DH-12-MCPPO see
15,16-dihydro-12-methylcyclopenta(a)phenanthren-17-one

DHMPR see 1,6-dihydro-6-(hydroxymethyl)purine riboside

DHM 32550 see DHM 32-550

DHM 32-550

(SY) DHM-32-550
(SY) DHM 32550
(HM) *ERGOT ALKALOIDS
(PA) CARDIOVASCULAR AGENTS
(NO) dehydrogenated peptide ergot alkaloid; no other information available 12/84

DHM-32-550 see DHM 32-550

DHNA synthase see naphthoate synthetase

DHNEAIG see des-His(1)N-(epsilon)-acetimidoglucagon

1,8-DHN see 1,8-dihydroxynaphthalene

1,2-DH-ODG see
1,2-dihexadecyl-3-O-octadecenoyl-sn-glycerol

DH-1,6-OH-rotenone see
1',2'-dihydro-1'-6-dihydroxyrotenone

DH-2,6-OH-rotenone see
1',2'-dihydro-2',6-dihydroxyrotenone

DH-6-OH-rotenone see 1',2'-dihydro-6-hydroxyrotenone

DHPA see 9-(2,3-dihydroxypropyl)adenine

DHPAA see 3,4-dihydroxyphenylacetamidine

(S)-DHPA see 9-(2,3-dihydroxypropyl)adenine

DHPase see dihydropyrimidinase

4,5-DHPA see 4,5-dihydroxyphthalic acid

DHPBU see
1-((2-hydroxy-1-(hydroxymethyl)ethoxy)methyl)-5-benzyluracil

3,9-DHPC-6-hydroxylase see
3,9-dihydroxypterocarpan-6a-hydroxylase

2,3-DHPDCA see 2,3-dihydroxypropyl dichloroacetate

DHPE see 1,2-dipalmitoyl-3-phosphatidylethanolamine

DHPE-DMS see
(2-(3,4-dihydroxyphenyl)ethyl)dimethylsulfonium

2-DHPEDS see
(2-(3,4-dihydroxyphenyl)ethyl)dimethylselenonium

DHP ether see dihematoporphyrin ether

5,6-DH-PGE1 see 5,6-dihydroxyprostaglandin E1

5,6-DH-PGF1 see 5,6-dihydroxyprostaglandin F1

9-DHP-GMP see
9-(1,3-dihydroxy-2-propoxymethyl)-GMP

9-DHPGP see 9-(1,3-dihydroxy-2-propoxymethyl)guanine triphosphate

1,3-DHPIO see
1,3-dihydro-3-hydroxy-3-(2-oxo-2-phenylethyl)-2H-indol-2-one

DHP-ITC see
1,4-dihydro-2,6-dimethyl-4-(2-isothiocyanatophenyl)-3,5-pyridinedicarboxylic acid dimethyl ester

2,9-DHPM see 2,9-dimethyl-5-(3-hydroxyphenyl)morphan

DHPPA

(RN) 4228-66-4
(RR) 65189-60-8 (alpha-(14)C-labeled cpd)
(SY) 3,4-dihydroxyphenylpyruvic acid
(HM) *PHENYLPYRUVIC ACIDS
(NO) metabolite of L-dopa; RN given refers to unlabeled parent cpd

5-DHPPH see 5-(3,4-dihydroxyphenyl)-5-phenylhydantoin

DHP-3-tuftsin see tuftsin, 3-(3,4-dehydroproline)-

17a,20a-DHP see 17 alpha,20 alpha-dihydroxyprogesterone

DH-P4S see 1,2,3,6-tetrahydropyridine-4-sulfonic acid

DHQ-5-CA see decahydroquinoline-5-carboxylic acid

6,7-DHRA see 6,7-dehydroroyleanone

7,8-DHR see 7,8-dihydrorhodopsin

DHS-AMP see adenylyl dihydrostreptomycin

2-DHTAGP see
2-deoxy-2-(3-hydroxytetradecanoyl)aminoglucose 6-phosphate

DHTBA see 5 alpha-dihydrotestosterone 17-bromoacetate

cis-DH-THIP see
2,3,3a,4,5,6,7,7a-octahydro-3-oxoisoxazolo(5,4-c) pyridine

DHTNO see 3,4-dihydroxy-1,2,3,4-tetrahydronaphthalene 1,2-oxide

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dhurrin
(RN) 499-20-7
(HM) *NITRILES
(NO) cyanogenic glucoside from plant Sorghum; (R)-epimer is taxiphyllin; RN given refers to (S)-isomer; RN for cpd without isomeric designation not in Chemline 6/84; structure

DHVD3 RCPT see 1,25-dihydroxycholecalciferol receptor

DHV-PGE2Me see
15-deoxy-16-hydroxy-16-vinylprostaglandin E2 methyl ester

DHV-PGE2 see
15-deoxy-16-hydroxy-16-vinylprostaglandin E2

DH 1011 see dicarbine

DH-1011 see dicarbine

DH-164 see tiodonium chloride

DH 524 see fenmetazole

DH-6322 see galactan polysulfate

DH 6322 see galactan polysulfate

DH-818 see fospirate

DH-990 see DH 990

DH 990
(RN) 53602-61-2
(RR) 53517-04-7 (mono-Na salt)
(RR) 63179-28-2 ((-)-isomer)
(RR) 63179-27-1 ((+)-isomer)
(RR) 63179-07-7 ((+-)-isomer)
(SY) 2-((3,5-di-t-butyl-4-hydroxyphenyl)thio) hexanoic acid
(SY) DH-990
(HM) *HEXANOIC ACIDS
(PA) ANTILIPEMIC AGENTS
(NO) RN given refers to cpd without isomeric designation; structure

diabetic substance see diabetogenic protein

diabetogenic polypeptide see diabetogenic protein

diabetogenic protein
(SY) diabetic substance
(SY) naturally occuring diabetogenic substance
(SY) diabetogenic polypeptide
(SY) DP
(HM) *PITUITARY HORMONES
(II) DIABETES MELLITUS
(NO) isolated from pituitary gland (cattle, hog, sheep, human) & urine of proteinuric diabetic patients without lipoatrophy & from human growth hormone; also found in urine of non-proteinuric diabetic patients

diabolic acids
(HM) *DICARBOXYLIC ACIDS
(NO) proposed name for long chain dicarboxylic acids with vicinal dimethyl branching

3,5-diacetamidobenzoic acid
(RN) 7743-39-7
(RR) 67070-21-7 (mono-Na salt)
(SY) deiodinated sodium diatrizoate
(HM) *AMINOBENZOIC ACIDS
(NO) RN given refers to parent cpd

2,3-diacetamido-2,3-dideoxymannuronic acid
(RN) 82953-40-0
(SY) 2,3-DD-mannuronic acid
(HM) *URONIC ACIDS
(NO) from Pseudomonas aeruginosa lipopolysaccharide

4,4'-diacetamido-2,2'stilbene disulfonate see amsonic acid

diacetolol
(RN) 28197-69-5
(RR) 22568-64-5 ((+-)-isomer)
(RR) 87833-60-1 ((+)-isomer)
(RR) 73899-76-0 (mono-HCl(+-)-isomer)
(RR) 69796-04-9 (unspecified mono-HCl)
(SY) M&B 16,942
(SY) acetyl acebutolol
(SY) RS-1-(4-acetamido-2-acetylphenoxy)-2-hydroxy-3-isopropylaminopropane hydrochloride
(HM) ACEBUTOLOL/*analogs
(NO) RN given refers to parent cpd without isomeric designation

2,3-diacetoxybenzoic acid see tosiben

diacetoxyscirpenol
(RN) 2270-40-8
(SY) NSC 141537
(SY) anguidine
(HM) *TRICHOTHECENES
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(II) MYCOTOXINS
(NO) mycotoxin belonging to 12,13-epoxytrichothecene group; RN given refers to (3alpha,4beta)-isomer; RN for cpd without isomeric designation not in Chemline 6/84; structure; additional RN in Chemline: 28776-47-8

2,7 diacetylaminofluorene see 2,7-diacetylaminofluorene

2,7-diacetylaminofluorene
(RN) 304-28-9
(SY) N,N'-fluorene-2,7-ylenebisacetamide
(SY) 2,7 diacetylaminofluorene
(SY) 2,7-fluorenylbisacetamide
(SY) 2,7-fluorenyldiacetamide
(HM) 2-ACETYLAMINOFLUORENE/*analogs
(PA) CARCINOGENS
(NO) has been found to induce leukemia in animals; minor descriptor (75-84); on-line search 2-ACETYLAMINOFLUORENE/AA (75-84); Index Medicus search 2-ACETYLAMINOFLUORENE/AA (80-82), FLUORENES (75-79)

N,N'-diacetylbenzidine
(RN) 613-35-4
(HM) *BENZIDINES
(NO) induces glomerular epithelial cell lesions; structure

diacetyl cellulose see cellulose diacetate

N,N-diacetylchitobiose
(RN) 2706-64-1
(SY) bis(N-acetyl)chitobiose
(SY) N,N'-diacetylchitobioside
(HM) *GLUCANS

N,N'-diacetylchitobioside see N,N-diacetylchitobiose

P'-di-N-acetylchitobiosyl-P(2)-dolichylpyrophosphate
(RN) 54784-58-6
(SY) N,N'-diacetylchitobiosylpyrophosphoryldolichol
(HM) *POLYISOPRENYL PHOSPHATE OLIGOSACCHARIDES

N,N'-diacetylchitobiosylpyrophosphoryldolichol see P'-di-N-acetylchitobiosyl-P(2)-dolichylpyrophosphate

diacetyldianhydrodulcitol see dianhydro-3,4-diacetylgalactitol

diacetyldianhydrogalactitol see dianhydro-3,4-diacetylgalactitol

diacetyldichlorofluorescein
(RN) 2044-85-1
(SY) leukodiacetyl-2,7-dichlorofluorescein
(SY) 2',7'-dichlorofluorescein diacetate
(SY) leuco-DCF diacetate
(HM) *FLUORESCEINS
(NO) stable storage form of dichlorofluorescin

7-O-(3,4-di-O-acetyl-2,6-dideoxy-2-iodo-alpha-mannopyranosyl)daunomycinone see NSC 331962

7-O-(3,4-di-O-acetyl-2,6-dideoxy-2-iodo-alpha-talopyranosyl)daunomycinone see NSC 331962

diacetyl-diepoxydulcitol see dianhydro-3,4-diacetylgalactitol

3',6'-diacetylfluorescein
(RN) 596-09-8
(SY) fluorescein diacetate
(HM) *FLUORESCEINS

diacetyl glucaro-(1,4)-(6-3)-dilactone see aceglatone

2,5-di-O-acetyl glucaro-(1.4)-(6-3)-dilactone see aceglatone

O,O'-diacetylhematoporphyrin
(RN) 69423-76-3
(SY) DACHP
(SY) hematoporphyrin-7,12-diacetate
(HM) *HEMATOPORPHYRINS

N,N'-diacetylhydrazine
(RN) 3148-73-0
(SY) 1,2-diacetylhydrazine
(HM) *HYDRAZINES

1,2-diacetylhydrazine see N,N'-diacetylhydrazine

O,O-diacetyl-4-hydroxyaminoquinoline 1-oxide
(RN) 38539-23-0
(HM) *AMINOQUINOLINES
(PA) CARCINOGENS

diacetyllysylalanine lactate
(SY) diacetyl-L-lysyl-D-alanyl-D-lactate
(SY) DCLAL
(HM) *LACTATES
(HM) *DIPEPTIDES
(NO) enzyme substrate

diacetyl-L-lysyl-D-alanyl-D-lactate see diacetyllysylalanine lactate

9,3"-diacetylmidecamycin
(RN) 55881-07-7
(SY) MOM
(SY) miokamycin
(SY) 9,3"-di-O-acetylmidecamycin
(SY) miocamycin
(HM) *LEUCOMYCINS
(PA) MUTAGENS

9,3"-di-O-acetylmidecamycin see 9,3"-diacetylmidecamycin

diacetylmonoxime
(RN) 57-71-6
(SY) diacetyl monoxime
(HM) *DIACETYL/analogs
(II) CHROMOGENIC COMPOUNDS
(NO) used diagnostically for determining urea in blood; structure

diacetyl monoxime see diacetylmonoxime

diacetylmorphine hydrolase
(RN) EC 3.1.1.-
(SY) heroin hydrolase
(HM) *CHOLINESTERASES

N,O-diacetyl-MSH see MSH, post-alpha-

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diacetylnadolol
(RN) 84742-92-7
(SY) nadolol diacetate
(HM) *PROPANOLAMINES
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS
(PA) ANTIHYPERTENSIVE AGENTS
(NO) more easily absorbed than nadolol when applied topically to the eye; structure given in first source

N,6-diacetylnormorphine
(RN) 58772-72-8
(RR) 53425-20-0 (HCL)
(HM) DIACETYLMORPHINE/*analogs
(NO) RN given refers to (5alpha, 6alpha)-isomer parent cpd; RN for cpd without isomeric designation not in Chemline 4/85

diacetylrhein
(RN) 13739-02-1
(HM) *ANTHRAQUINONES
(NO) chelates with bivalent metals; a quinone which possesses redox properties

N,O-diacetyl-Ser(1)-alpha-MSH see MSH, post-alpha-

N,O-diacetylserine(1)-alpha-melanocyte-stimulating hormone see MSH, post-alpha-

N,O-diacetylserine alpha MSH see MSH, post-alpha-

N,O-diacetylserine(1)-alpha MSH see MSH, post-alpha-

Diacryl see
2,2-bis-(4-(2-methacryloxyethoxy)phenyl)propane

1,2-di-O-acyl-3-O-beta-D-galactopyranosyl-sn-glycerol
(SY) 1,2-diacyl-3-O-galactopyranosylglycerol
(SY) 1,2-DGPG
(HM) *GLYCOLIPIDS

1,2-diacyl-3-O-galactopyranosylglycerol see
1,2-di-O-acyl-3-O-beta-D-galactopyranosyl-sn-glycerol

diacylgalactosylglycerol see monogalactosyldiglycerides

diacylglycerol acyltransferase
(RN) EC 2.3.1.20
(RR) 9029-98-5 (CRN)
(SY) diglyceride acyltransferase
(HM) *ACYLTRANSFERASES

diacylglycerol-carrying lipoprotein see lipophorin

diacylglycerol kinase see diglyceride kinase

1,2-diacylglycerol
(HM) *DIGLYCERIDES

1(3),2-diacylglyceryl-3(1)-O-4'-(N,N,N-trimethyl)homoserine
(SY) DAG-TMH
(HM) *TRIGLYCERIDES
(NO) unusual lipid in human pathogenic fungus Epidermophyton floccosom

diacylsulfoquinovosyl glyceride see sulfoquinovosyl diglyceride

P(1),P(2)- di(adenosine 5'-)diphosphate see diadenosine pyrophosphate

diadenosine pentaphosphate see
P(1),P(5)-di(adenosine-5'-)pentaphosphate

P(1),P(5)-di(adenosine-5'-)pentaphosphate
(RN) 50304-44-4
(SY) diadenosine pentaphosphate
(SY) Ap5A
(HM) *ADENINE NUCLEOTIDES

diadenosine pyrophosphate
(RN) 14938-28-4
(SY) AppA
(SY) P(1),P(2)- di(adenosine 5'-)diphosphate
(SY) P(1),P(2)-diadenosine-5'-pyrophosphate
(HM) *ADENINE NUCLEOTIDES

P(1),P(2)-diadenosine-5'-pyrophosphate see diadenosine pyrophosphate

diadenosine tetraphosphatase see
bis(5'-adenosyl)tetraphosphatase

diadenosine tetraphosphate
(RN) 5542-28-9
(SY) Ap4A
(SY) P(1), P(4)-diadenosine-5'tetraphosphate
(SY) AppppA
(SY) adenosine(5')tetraphospho(5')adenosine
(HM) *ADENINE NUCLEOTIDES

diadenosine 5,5'''-P(1),P(4)- tetraphosphate alpha,beta-phosphorylase
(RN) EC 2.7.7.53
(SY) AP4A phosphorylase
(SY) ATP adenylyltransferase
(HM) *NUCLEOTIDYLTRANSFERASES
(NO) AP4A + inorganic PO4 forms ATP + ADP

diadenosine tetraphosphate binding protein see diadenosine tetraphosphate-binding protein

diadenosine tetraphosphate-binding protein
(SY) AP4A binding protein
(SY) diadenosine tetraphosphate binding protein
(HM) *CARRIER PROTEINS

diadenosine tetraphosphate hydrolase see bis(5'-guanosyl) tetraphosphatase

diadenosine 5',5'''-P(1),P(4)-tetraphosphate pyrophosphohydrolase see bis(5'-nucleosyl)tetraphosphatase (symmetrical)

P(1), P(4)-diadenosine-5'tetraphosphate see diadenosine tetraphosphate

diadenosine triphosphatase see bis(5'-adenosyl)triphosphatase

diadenosine triphosphate
(RN) 56432-02-1
(HM) *ADENINE NUCLEOTIDES

diadenosine triphosphate hydrolase
(RN) EC 3.1.4.-
(SY) Ap3A hydrolase
(HM) *PHOSPHODIESTERASES
(NO) forms AMP

diadonium
(RN) 26660-43-5
(SY) succinic acid-bis-(adamantyldimethylammonium) ethyl ester
(SY) N,N-(2,2'-(succinyldioxy)diethyl)bis(N-(2-adamantyl)dimethylammonium hydroxide)
(HM) ADAMANTANE/*analogs
(HM) *AMMONIUM COMPOUNDS
(PA) CURARE-LIKE AGENTS
(PA) MUSCLE RELAXANTS, CENTRAL
(NO) RN given refers to diiodide; RN for parent cpd not in Chemline 7/20/83; structure

diafen NN
(RN) 93-46-9
(RR) 1323-70-2 (cpd with unspecified locants)
(SY) N,N'-di-beta-naphthyl-p-phenylenediamine
(HM) *PHENYLENEDIAMINES
(PA) CARCINOGENS
(II) ANTIOXIDANTS
(NO) there are several cpds with the general name "diafen"; structure

Diaket
(RN) 56509-77-4
(HM) *BISMUTH
(HM) *ZINC OXIDE
(HM) *POLYVINYLS
(HM) DRUG COMBINATIONS
(II) ROOT CANAL FILLING MATERIALS
(NO) contains powder of bismuth phosphate 0.3g & zinc oxide 1.0g & liquid consisting of dichlorophen 0.005g, triethanolamine 0.002g, propionyl-acetophenone 0.76g & copolymers of vinyl acetate, vinyl chloride & vinylisobutyl ether

dial-ADP see adenosine 5'-diphosphate 2',3'-dialdehyde

dial-AMP see adenosine 5'-monophosphate 2',3'-dialdehyde

dial-ATP see 2',3'-dialdehyde ATP

dial-CDP see cytidine 5'-diphosphate 2',3'-dialdehyde

2',3'-dialdehyde AMP see adenosine 5'-monophosphate 2',3'-dialdehyde

2',3'-dialdehyde ATP
(RN) 54970-91-1
(SY) adenosine 5'-triphosphate 2',3',-dialdehyde
(SY) dial-ATP
(SY) oxo-ATP
(HM) ADENOSINE TRIPHOSPHATE/*analogs
(II) AFFINITY LABELS
(NO) RN given refers to (R-(R*,R*))-isomer; RN for cpd without isomeric designation not in Chemline 6/84

2',3'-dialdehyde etheno-ATP see ethenoadenosine triphosphate-2',3'-dialdehyde

2',3'-dialdehyde GTP see
2-(guanylformylmethoxy)-3-(triphospho)propanal

2',3'-dialdehyde NADP
(RN) 87075-47-6
(SY) 2',3'-dialdehyde TPN
(SY) oTPN
(SY) dial-NADP
(SY) oTPNH
(HM) NADP/*analogs
(II) AFFINITY LABELS

dialdehyde starch
(RN) 9047-50-1
(SY) oxystarch
(HM) STARCH/*analogs
(NO) gastrointestinal sorbant used to bind urea & ammonia in uremia

2',3'-dialdehyde TPN see 2',3'-dialdehyde NADP

dial-epsilon ATP see ethenoadenosine triphosphate-2',3'-dialdehyde

dial GTP see
2-(guanylformylmethoxy)-3-(triphospho)propanal

dialifor
(RN) 10311-84-9
(SY) Torak
(SY) O,O-diethyl S-(2-chloro-1-phthalimidoethyl) phosphorodithioate
(HM) *THIOPHOSPHORIC ACID ESTERS
(PA) INSECTICIDES, ORGANOTHIOPHOSPHATE
(II) ENVIRONMENTAL POLLUTANTS
(NO) insecticide

di-allate
(RN) 2303-16-4
(RR) 17708-58-6 ((E)-isomer)
(RR) 17708-57-5 ((Z)-isomer)
(SY) diallate
(SY) Avadex
(HM) *THIOCARBAMATES
(PA) HERBICIDES, CARBAMATE
(NO) RN given refers to cpd without isomeric designation; structure

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diallate see di-allate

N,N-diallyl-Ala(2)-Leu(5)-enkephalin see enkephalin, N,N-diallyl-Ala(2)-Leu(5)-

N,N-diallyl-2-alanyl-5-leucine enkephalin see enkephalin, N,N-diallyl-Ala(2)-Leu(5)-

4',5-diallyl-2,3-dihydroxybiphenyl ether see obovatol

5,5'-diallyl-2,2'-dihydroxyb'phenyl see magnolol

diallyl disulfide
(RN) 2179-57-9
(SY) diallyl disulphide
(SY) allitin
(HM) *DISULFIDES
(II) GARLIC
(NO) major constituent of garlic oil

diallyl disulfide-oxide see allicin

diallyl disulphide see diallyl disulfide

diallylnitrosamine
(RN) 16338-97-9
(SY) N-nitroso-N-diallylamine
(SY) NDAA
(HM) *NITROSAMINES
(PA) CARCINOGENS

diallylnormorphine see diallylnormorphinium bromide

diallylnormorphinium bromide
(RN) 69576-07-4
(RR) 58046-45-0 (iodide(5alpha,6alpha)-isomer)
(SY) diallylnormorphine
(HM) NALORPHINE/*analogs
(NO) RN given refers to bromide (5alpha,6alpha)-isomer; RN for parent cpd without isomeric designation not in Chemline 6/84

N,N'-diallyltartardiamide
(RN) 58477-85-3
(HM) *TARTRATES
(NO) cross linking reagent; RN given refers to (R-(R*,R*))-isomer; RN for cpd without isomeric designation not in Chemline 6/84

diallyl trisulfide
(RN) 2050-87-5
(SY) allitridi
(SY) allitridin
(HM) *ALLYL COMPOUNDS
(HM) *DISULFIDES
(II) GARLIC
(II) PLATELET AGGREGATION/drug eff
(NO) major component of garlic; inhibits platelet aggregation but not prostacyclin

N,N-diallyl-Tyr-Aib-Phe-Leu see ICI 174864

N,N-diallyl-tyrosyl-alpha-aminoisobutyric acid-phenylalanyl-leucine see ICI 174864

dial-NADP see 2',3'-dialdehyde NADP

3,6-di-O-(alpha-mannopyranosyl)mannose
(SY) 3,6-di-MP-mannose
(HM) *MANNOSIDES

2,4-di-(alpha-methoxyethyl)deuteroporphyrin-IX dipotassium salt see 2,4-di-(alpha-methoxyethyl)deuteroporphyrin IX

2,4-di-(alpha-methoxyethyl) deuteroporphyrin IX
(RN) 31444-62-9
(SY) 2,4-di-(alpha-methoxyethyl)deuteroporphyrin-IX dipotassium salt
(SY) MOEDP IX
(HM) *DEUTEROPORPHYRINS
(PA) RADIATION PROTECTIVE AGENTS

dial-UDP see UDP dialdehyde

dialuric acid
(RN) 444-15-5
(RR) 42608-53-7 (mono-hydrate)
(HM) *BARBITURATES
(NO) RN given refers to parent cpd; structure

diamantil I.C.I
(HM) *DEOXYRIBONUCLEOTIDES
(HM) *TISSUE EXTRACTS
(NO) extract containing mainly deoxyribonucleotides from myocardial tissue & lymph nodes of pigs; used in therapy of male infertility

diamet-D see chwastox D

diamidafos see diamidfos

diamidfos
(RN) 1754-58-1
(SY) phenyl N,N'-dimethylphosphorodiamidate
(SY) diamidafos
(HM) *ORGANOPHOSPHORUS COMPOUNDS
(PA) NEMATOCIDES
(NO) structure

diamidino compound 253/50 see Fast Blue

1,6-di-(4-amidinophenoxy)hexane see hexamidine

di(4-amidinophenyl)ether see phenamidine

4,6-diamidinophenylindole see DAPI

4',6-diamidino-2-phenylindole see DAPI

diamidino yellow
(HM) *AMIDINES
(II) FLUORESCENT DYES
(NO) fluorescent retrograde neuronal tracer

diamine acetyltransferase see spermidine acetyltransferase

2,4-diamino-5-(1-adamantyl)-6-ethylpyrimidine
(HM) ADAMANTANE/*analogs
(PA) ANTINEOPLASTIC AGENTS

2,4-diamino-5-adamantyl-6-methylpyrimidine
(RN) 31935-08-7
(SY) DAMP
(HM) ADAMANTANE/*analogs
(PA) FOLIC ACID ANTAGONISTS
(PA) ANTINEOPLASTIC AGENTS

m-diaminoanisole sulfate see 4-methoxy-3-phenylenediamine

2,4-diaminoanisole sulfate see 4-methoxy-3-phenylenediamine

2,4-diaminoanisole see 4-methoxy-3-phenylenediamine

1,4-diaminoanthraquinone
(RN) 128-95-0
(HM) *ANTHRAQUINONES
(II) HAIR DYES

2',4'-diaminoazobenzene-4-sulfonamide see sulfamidochrysoidine

1,2-diaminobenzene
(RN) 95-54-5
(RR) 615-28-1 (di-HCl)
(RR) 52292-24-7 (di-HCl, unspecified locants)
(RR) 25265-76-3 (cpd with unspecified locants)
(SY) ortho-phenylenediamine
(SY) o-phenylenediamine
(HM) *PHENYLENEDIAMINES
(NO) RN given refers to parent cpd

diaminobenzidine peroxidase
(RN) EC 1.11.1.-
(HM) *PEROXIDASES

3,4-diaminobenzoic acid
(RN) 619-05-6
(RR) 61566-66-3 (di-HCl)
(HM) *AMINOBENZOIC ACIDS
(NO) RN given refers to parent cpd

3,5-diaminobenzoic acid
(RN) 535-87-5
(RR) 618-56-4 (di-HCl)
(RR) 67032-27-3 (mono-Na salt)
(RR) 67377-31-5 (cpd with unspecified locants)
(RR) 27576-04-1 (cpd with unspecified locants)
(HM) *AMINOBENZOIC ACIDS
(NO) RN given refers to parent cpd

2,4-diamino-5-benzylpyrimidine
(RN) 7319-45-1
(HM) *PYRIMIDINES
(NO) structure given in first source

2,6-diamino-9 beta-arabinofuranosylpurine see ara-DAP

1,2-diamino-4-beta-D-ribofuranosylpyrazin-2-onium chloride see 1,2-diamino-4-beta-ribofuranosylpyrazin-2-onium

1,2-diamino-4-beta-ribofuranosylpyrazin-2-onium
(RN) 83831-25-8
(SY) 1,2-DRPO
(SY) 1,2-diamino-4-beta-D-ribofuranosylpyrazin-2-onium chloride
(HM) CYTIDINE/*analogs
(NO) RN given refers to chloride; RN for parent cpd not in Chemline 7/29/83; RN & structure from first source

2,4-diamino-6-(bis-2-chloroethyl) aminomethylpteridine
(SY) DBCEAMP
(HM) *PTERIDINES
(PA) ANTINEOPLASTIC AGENTS
(NO) effective against L-1210 mouse leukemia lymphoblasts; structure in first source

2,4-diamino-5-(4-bromo-3,5-dimethoxybenzyl)pyrimidine see brodimoprim

1,4-diaminobutanone
(RN) 13123-70-1
(RR) 3660-09-1 (di-HCl)
(HM) PUTRESCINE/*analogs
(NO) RN given refers to parent cpd

2,4-diaminobutyric acid
(RN) 305-62-4
(RR) 1758-80-1 ((S)-isomer)
(RR) 2577-63-1 ((+-)-isomer)
(RR) 26908-94-1 ((R)-isomer)
(RR) 60484-56-2 ((+)-isomer)
(RR) 1482-98-0 (mono-HCl(S)-isomer)
(RR) 19391-83-4 (mono-HCl(+-)-isomer)
(RR) 1883-09-6 (di-HCl(S)-isomer)
(RR) 26889-08-7 (di-HCl(+-)-isomer)
(SY) L-2,4-diaminobutyric acid
(HM) *AMINOBUTYRIC ACIDS
(NO) RN given refers to parent cpd without isomeric designation

L-2,4-diaminobutyric acid see 2,4-diaminobutyric acid

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2,4–diamino–5–cyano–6–bromopyridine
(RN) 42530–03–0
(SY) 4,6–diamino–3–cyano–2–bromopyridine
(SY) 2,4–DCBP
(HM) *AMINOPYRIDINES
(PA) BRONCHODILATOR AGENTS
(PA) 3',5'–CYCLIC AMP PHOSPHODIESTERASE/antag
(NO) structure given in first source

4,6–diamino–3–cyano–2–bromopyridine see 2,4–diamino–5–cyano–6–bromopyridine

2,4–diamino–5–cyano–6–iodopyridine
(RN) 70172–54–2
(SY) 4,6–diamino–3–cyano–2–iodopyridine
(SY) 2,4–DCIP
(HM) *AMINOPYRIDINES
(PA) BRONCHODILATOR AGENTS
(PA) 3',5'–CYCLIC AMP PHOSPHODIESTERASE/antag

4,6–diamino–3–cyano–2–iodopyridine see 2,4–diamino–5–cyano–6–iodopyridine

1,2–diaminocyclohexane(4–carboxyphthalato)platinum(II) see carboxyphthalato–1,2–diaminocyclohexaneplatinum

1,2–diaminocyclohexanedichloroplatinum(II) see dichloro–1,2–diaminocyclohexane platinum complex

1,2–diaminocyclohexane platinum(II) chloride see dichloro–1,2–diaminocyclohexane platinum complex

1,2–diaminocyclohexaneplatinum II citrate see platinex

1,2–diaminocyclohexaneplatinum II glucarate see platuran

diaminocyclohexanetetraacetic acid see CDTA

1,2–diaminocyclohexylplatinum malonate see platinum(II) 1,2–diaminocyclohexane malonate

1,2–diaminocyclohexyl platinum sulfate
(RN) 61593–75–7
(RR) 62011–40–9 ((SP–4–2–(1R–trans))–isomer)
(RR) 66900–70–7 ((SP–4–3–(cis))–isomer)
(RR) 66900–71–8 ((SP–4–2–(1S–trans))–isomer)
(SY) NSC 250427
(SY) sulfato–1,2–diaminocyclohexane platinum
(SY) sulfato–trans–(–)–1,2–diaminocyclohexaneplatinum(II)
(HM) *ORGANOPLATINUM COMPOUNDS
(PA) ANTINEOPLASTIC AGENTS
(NO) RN given refers to cpd without isomeric designation

1,13–diamino–5,9–diazatridecane see canavalmine

1,11–diamino–4,8–diazaundecane see norspermine

2,4–diamino–6–((3,4–dichlorobenzyl)nitrosamino) quinazoline see CI–679

2,4–diamino–5–(3',4'–dichlorophenyl)–6– methylpyrimidine see methodichlorophen

2,4–diamino–6–(2,5–dichlorophenyl)–s–triazine maleate see MN 1695

2,3–diamino–2,3–dideoxy–D–glucofuranurano–6,3–lactam see amino sugar U 7

2,3–diamino–2,3–dideoxyglucose
(RN) 55779–66–3
(SY) 2,3–DADOG
(SY) 2,3–diamino–2,3–dideoxy–D–glucose
(SY) 2,3–dideoxy–2,3–diamino–D–glucose
(HM) GLUCOSAMINE/*analogs

2,3–diamino–2,3–dideoxy–D–glucose see 2,3–diamino–2,3–dideoxyglucose

2,6–diamino–2,6–dideoxy–D–glucose see neosamine C

2,3–diamino–2,3–dideoxyglucuronic acid
(RN) 82178–47–0
(SY) 2,3–DDGA
(HM) *GLUCURONATES
(NO) from Pseudomonas aeruginosa P14 lipopolysaccharide; structure given in first source

4,6–diamino–1,2–dihydro–2,2–dimethyl–1–(2,4,5–trichlorophenoxypropyloxy)–1,3,5–triazine.HCl see BRL 6231

2,6–diamino–4,5–dihydroxypyrimidine 5–(beta–D–glucopyranoside) see vicine

2,4–diamino–6,7–diisopropylpteridine see O 129

2,5–diamino–4,5–diketopyrimidine see divicine

2,4–diamino–6–(2,5–dimethoxybenzyl)–5–methylpyrido(2,3–d)pyrimidine see BW301U

2,4–diamino–5–((3,5–dimethoxy–4–(4–bromoacetamidophenoxy)benzyl)–pyrimidine)
(RN) 78025–83–9
(SY) BAPP–trimethoprim
(HM) TRIMETHOPRIM/*analogs
(NO) RN given refers to mono–HBr; RN for parent cpd not in Chemline 11/84; structure given in first source

2,4–diamino–5–(3,5–dimethoxy–4(2–methoxy ethoxy) benzyl)pyrimidine see tetroxoprim

4,4'–diaminodiphenyldisulfide
(RN) 722–27–0
(SY) 4–aminophenyl disulfide
(HM) *ANILINE COMPOUNDS
(II) SULFHYDRYL REAGENTS

4,4'–diaminodiphenyl ether see di–(4–aminophenyl)ether

p,p'–diaminodiphenylmethane see 4,4'–diaminodiphenylmethane

4,4'–diaminodiphenylmethane
(RN) 101–77–9
(RR) 13552–44–8 (di–HCl)
(RR) 21646–20–8 (NaCl[3:1])
(SY) Tonox
(SY) 4,4'–methylenedianiline
(SY) di(4–aminophenyl)methane
(SY) p,p'–diaminodiphenylmethane
(HM) *ANILINE COMPOUNDS
(PA) CARCINOGENS
(NO) RN given refers to parent cpd; structure

diaminodurene
(RN) 3102–87–2
(HM) *PHENYLENEDIAMINES
(NO) structure

1,2–diaminoethane see ethylenediamine

6,9–diamino–2–ethoxyacridine monolactate see rivanol

4,6–diamino–5–N–formamidopyrimidine
(RN) 5122–36–1
(SY) FAPy
(HM) *PYRIMIDINES
(NO) formed when adenine is exposed to ionizing radiation

1,6–diaminohexamethylene see 1,6–diaminohexane

1,6–diaminohexane
(RN) 124–09–4
(RR) 2088–79–1 (mono–HCl)
(RR) 74512–91–7 (1–(11)C–labeled cpd di–HCl)
(RR) 30140–39–7 (cpd with unspecified locants)
(RR) 6055–52–3 (di–HCl)
(RR) 22990–92–7 (di–HF)
(SY) hexamethylenediamine
(SY) 1,6–diaminohexamethylene
(HM) *DIAMINES
(NO) Russian drug; RN given refers to parent cpd; structure

3,6–diaminohexanoate aminomutase
(RN) EC 5.4.3.3
(SY) 3,6 diaminohexanoate aminomutase
(SY) beta–lysine mutase
(SY) beta–lysine aminomutase
(HM) *AMINO ACID ISOMERASES
(NO) catalyzes the isomerization of 3,6–diaminohexanoate to 3,5–diaminohexanoate; minor descriptor (75–83); on–line & Index Medicus search AMINO ACID ISOMERASES (75–83)

3,6 diaminohexanoate aminomutase see 3,6–diaminohexanoate aminomutase

3,6–diaminohexanoic acid see beta–lysine

2,6–diamino–9–(2–hydroxyethoxymethyl) purine
(RN) 59277–86–0
(SY) 2,6–DHEMP
(SY) A134U
(SY) A–134–U
(HM) ACYCLOVIR/*analogs
(NO) adenosine deaminase converts above cpd to acylovir

(2–((3R,5R)–3,6–diamino–5–hydroxyhexanoyl)–1–methylhydrazino) acetic acid see negamycin

2,6–diamino–5–hydroxy–3–(phenylazo) pyridine
(RN) 86271–56–9
(SY) 5–hydroxyphenylazopyridine
(SY) 5–OH–PAP
(HM) *PHENAZOPYRIDINE/analogs
(NO) metabolite of phenazopyridine in rat; structure given in first source

2,6–diamino–5–iminopyrimidin–4–one
(RN) 72091–25–9
(SY) DAIPO
(HM) *PYRIMIDINONES
(NO) substrate for dihydropyteridine reductase; structure given in first source

3–(((2–((diaminomethylene)amino)–4–thiazolyl)methyl) thio)–N(2)–sulfamoylpropionamidine see famotidine

2,4–diamino–N(10)–methylpteroic acid see 4–amino–4–deoxy–N–10–methylpteroic acid

N–(4–((2,4–diamino–5–methyl–6–quinazolinyl)methyl) amino)benzoyl)–L–aspartic acid see methasquin

N–(p–(((2,4–diamino–5–methyl–6–quinazolinyl)methyl) amino)benzoyl)–L–glutamic acid see CB 3703

2,4–diamino–5–methyl–6–((3,4,5–trimethoxyanilino) methyl)quinazoline see trimetrexate

2,4–diamino–5–(6–methylveratryl)pyrimidine see ormetoprim

2,3–diaminonaphthalene
(RN) 771–97–1
(SY) 2,3–naphthalenediamine
(HM) *2–NAPHTHYLAMINE/analogs

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1,2-diamino-4-nitrobenzene
(RN) 99-56-9
(HM) *PHENYLENEDIAMINES
(PA) CARCINOGENS
(II) INDICATORS AND REAGENTS
(NO) reagent for determinat on of selenium in milk with gas chromatograph

1,4-diamino-2-nitrobenzene see 2-nitro-4-phenylenediamine

2,6-diamino-3-nitrosopyridine
(RN) 89323-10-4
(HM) *AMINOPYRIDINES
(NO) RN given from Toxline; RN not in Chemline 9/85; structure given in first source

7,8-diaminopelargonic acid aminotransferase
(RN) EC 2.6.1.-
(HM) *AMINOTRANSFERASES

7,8-diaminopelargonic acid
(RN) 21738-21-6
(HM) *AMINO ACIDS, DIAMINO
(NO) structure

diaminopeptidase IV see dipeptidyl peptidase IV

2,4-diaminophenol hydrochloride see 2,4-diaminophenol

2,4-diaminophenol
(RN) 95-86-3
(RR) 137-09-7 (di-HCl)
(RR) 79849-01-2 (unspecified HCl)
(SY) amidol
(SY) 2,4-diaminophenol hydrochloride
(HM) *AMINOPHENOLS
(NO) RN given refers to parent cpd

3,7-diaminophenoxazonium chloride see oxonin

3,7-diaminophenoxazonium see oxonin

2-(2',4'-diaminophenoxy)ethanol
(RN) 70643-19-5
(RR) 71005-35-1 (unspecified sulfate)
(RR) 70643-20-8 (sulfate[1:1])
(RR) 66422-95-5 (di-HCl)
(SY) 2,4-diaminophenoxyethanol
(HM) *PHENYLENEDIAMINES
(PA) MUTAGENS
(II) HAIR DYES
(NO) RN given refers to parent cpd

2,4-diaminophenoxyethanol see 2-(2',4'-diaminophenoxy)ethanol

1,5-di(p-aminophenoxy)pentane see M&B 968A

2,4-diamino-5-(phenoxypropyloxy-(4'-chlorophenyl))-6-methylpyrimidine HCl see M&B 35769

di-(4-aminophenyl)ether
(RN) 101-80-4
(SY) 4,4'-oxydianiline
(SY) 4,4'-diaminodiphenyl ether
(HM) *PHENYL ETHERS
(PA) CARCINOGENS
(NO) structure

di(4-aminophenyl)methane see 4,4'-diaminodiphenylmethane

3,7-diamino-5-phenylphenazinium chloride see phenosafranine

N-(diaminophosphinyl)-4-fluorobenzamide see flurfamide

diaminopimelate epimerase
(RN) EC 5.1.1.7
(SY) diaminopimelic acid epimerase
(HM) *EPIMERASES

diaminopimelic acid decarboxylase
(RN) EC 4.1.1.20
(SY) meso-alpha,epsilon-diaminopimelate decarboxylase
(HM) *CARBOXY-LYASES

diaminopimelic acid epimerase see diaminopimelate epimerase

1,3-diaminopropane see trimethylenediamine

1,3-diamino-2-propanol
(RN) 616-29-5
(HM) *PROPANOLAMINES

(4,4'-diaminopropionic acid)gramicidin S
(RN) 87647-91-4
(SY) 4,4'-DPA-gramicidin S
(HM) *GRAMICIDINS
(NO) synthetic analog of gramicidin S which contains diaminopropionic acid residues instead of phenylalanine residues

2,3-diaminopropionic acid
(RN) 515-94-6
(RR) 1915-96-4 ((D)-isomer)
(RR) 54897-59-5 (mono-HCl(DL)-isomer)
(RR) 28843-13-2 (unspecified HCl(L)-isomer)
(RR) 6018-54-8 ((DL)-isomer)
(RR) 4033-39-0 ((L)-isomer)
(RR) 1482-97-9 (mono-HCl(L)-isomer)
(SY) 2-amino-beta-alanine
(SY) 3-aminoalanine
(SY) beta-aminoalanine
(SY) alpha,beta-diaminopropionic acid
(HM) 3-AMINOPROPIONIC ACID/*analogs
(NO) RN given refers to parent cpd without isomeric designation

3,3'-diaminopropylamine see norspermidine

2,4-diaminopteridine glyoxal see 2,4-diaminopteridinylglyoxal

2,4-diaminopteridinylglyoxal
(RN) 95480-21-0
(SY) 2,4-diaminopteridine glyoxal
(SY) 2,4-DAP-glyoxal
(HM) *PTERINS
(II) AFFINITY LABELS
(NO) structure given in first source

N-(N'-(2,4-diamino-6-pteridinyl)methyl-N'-methyl-4-aminobenzoyl)-L-glutamine see methotrexate-gamma-monoamide

N-(N'-(2,4-diamino-6-pteridinyl)methyl-N'-methyl-4-aminobenzoyl)-L-isoglutamine see methotrexate-alpha-monoamide

2,6-diaminopurine arabinoside see ara-DAP

2,6-diaminopurine-9-beta-D-arabinofuranoside see ara-DAP

2,6-diaminopurine ribonucleoside see 2-aminoadenosine

2,6-diaminopurine
(RN) 1904-98-9
(RR) 7280-83-3 (sulfate)
(SY) 2-aminoadenine
(HM) 2-AMINOPURINE/*analogs
(NO) RN given refers to parent cpd

1,6-diaminopyrene
(RN) 14923-84-3
(HM) *PYRENES
(PA) MUTAGENS
(NO) structure given in first source

2,3-diaminopyridine
(RN) 452-58-4
(HM) *AMINOPYRIDINES
(PA) CALCIUM CHANNEL BLOCKERS

2,4-diaminopyridine
(RN) 461-88-1
(HM) *AMINOPYRIDINES

3,4-diaminopyridine
(RN) 54-96-6
(HM) *AMINOPYRIDINES
(NO) potassium channel blocker in membranes

2,4-diaminopyrimidine
(RN) 156-81-0
(HM) *PYRIMIDINES

2,4-diaminoquinazoline
(RN) 1899-48-5
(HM) *QUINAZOLINES

4,4-diaminostilben-2,2'-disulfonic acid see amsonic acid

4,4'-diaminostilbene
(RN) 621-96-5
(HM) *STILBENES

4,4"-diaminoterphenyl
(SY) 4,4"-DAT
(HM) *TERPHENYL COMPOUNDS
(PA) MUTAGENS
(NO) structure given in first source

2,4-diaminotoluene
(RN) 95-80-7
(RR) 636-23-7 (di-HCl)
(RR) 71111-07-4 (3H-labeled cpd)
(RR) 5459-85-8 (mono-HCl)
(SY) 2,4-toluenediamine
(SY) 2,4-toluene diamine
(HM) *PHENYLENEDIAMINES
(NO) RN given refers to unlabeled parent cpd; structure

2,5-diaminotoluene
(RN) 95-70-5
(RR) 6369-59-1 (sulfate)
(RR) 615-50-9 (sulfate[1:1])
(RR) 615-45-2 (di-HCl)
(RR) 74612-12-7 (mono-HCl)
(SY) p-toluenediamine
(HM) *PHENYLENEDIAMINES
(PA) CARCINOGENS
(II) DYES
(NO) RN given refers to parent cpd

2,6-diaminotoluene
(RN) 823-40-5
(RR) 15481-70-6 (di-HCl)
(SY) 2,6-toluenediamine
(HM) *PHENYLENEDIAMINES
(NO) RN given refers to parent cpd

1,6-diamino-4,8,12-triazahexadecane see homocaldopentamine

4-(2,4-diamino-1,3,5-triazin-6-ylamino) phenylstibonate octahydrate monosodium see M&B 1714

N-(4,6-diamino-s-triazin-2-yl)arsanilic acid disodium salt see melarsen

diamminebis(2'-deoxy-5'-guanylyl) platinate
(RN) 87414-18-4
(SY) cis-diammine platinum-bis(2'-deoxy-5'-guanylic acid)
(SY) cis-Pt(NH3)(2)-d(GMP)(2)
(SY) PtN-dGMP
(HM) *ORGANOPLATINUM COMPOUNDS
(HM) *DEOXYGUANINE NUCLEOTIDES
(NO) RN given refers to (SP-4-2) cpd & (cis)-isomer; RN for cpd without isomeric designation not in Chemline 6/85

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diammine-1,1-cyclobutane dicarboxylate platinum II
(RN) 41575-94-4
(SY) cis-diammine-1,1-cyclobutane dicarboxylate platinum II
(SY) JM8
(SY) CBDCA
(SY) carboplatin
(SY) NSC 241240
(SY) NSC-241240
(SY) JM 8
(SY) JM-8
(SY) cis(1,1-cyclobutane dicarboxylate)diammine platinum II
(HM) *ORGANOPLATINUM COMPOUNDS
(PA) ANTINEOPLASTIC AGENTS
(NO) structure given in first source

cis-diammine-1,1-cyclobutane dicarboxylate platinum II see diammine-1,1-cyclobutane dicarboxylate platinum II

diammine(2'-deoxyguanylyl-(5'-3')-2'-deoxy-5'-guanylyl)platinate
(RN) 81119-95-1
(RR) 94234-93-2 ((cis)-isomer)
(SY) cis-Pt(NH3)(2)-d(pGpG)
(SY) PtN-d(pGpG)
(HM) *ORGANOPLATINUM COMPOUNDS
(HM) *DEOXYGUANINE NUCLEOTIDES
(NO) RN given refers to (SP-4-3) cpd

diamminediaqua platinum(II)
(RN) 20115-65-5
(RR) 20115-64-4 ((SP-4-2)-isomer)
(RR) 71660-72-5 (15N-labeled cpd(SP-4-2)-isomer)
(SY) cis-diaquadiammineplatinum(II) nitrate
(SY) platinum diamminediaqua dinitrate
(HM) CISPLATIN/*analogs
(NO) RN given refers to (SP-4-1)-isomer; RN for cpd without isomeric designation not in Chemline 7/19/83

diamminedichlorodihydroxyplatinum IV
(RN) 53261-25-9
(RR) 31246-66-9 ((OC-6-33)-isomer)
(RR) 31246-62-5 ((OC-6-12)-isomer)
(SY) Pt(IV)(NH3)2Cl2(OH)2
(SY) oxoplatinum
(SY) cis-dichlorodihydroxydiamminoplatinum
(SY) oxoplatina
(HM) CISPLATIN/*analogs
(PA) ANTINEOPLASTIC AGENTS
(NO) RN given refers to cpd without isomeric designation; structure given in first source

trans-diamminedichloroplatinum II see transplatin

cis-diammine platinum-bis(2'-deoxy-5'-guanylic acid) see diamminebis(2'-deoxy-5'-guanylyl)platinate

cis-diammineplatinum(II)-polyglutamic acid complex
(SY) DP-PGA
(HM) CISPLATIN/*analogs
(HM) *POLYGLUTAMIC ACID/analogs
(PA) TRYPANOCIDAL AGENTS
(NO) complex in which cis-diammineplatinum is bound to polyglutamic acid

diamminetetrachloroplatinum(II)
(RN) 16949-90-9
(RR) 16893-06-4 ((trans)-isomer)
(RR) 16893-05-3 ((cis)-isomer)
(SY) tetrachlorodiammineplatinum(II)
(HM) CISPLATIN/*analogs
(PA) ANTINEOPLASTIC AGENTS
(NO) RN given refers to cpd without isomeric designation; cis-isomer active, trans-isomer inactive

1,2-diaminocyclohexylplatinum malonate see platinum(II) 1,2-diaminocyclohexane malonate

diammonium carbonate see ammonium carbonate

diammonium citrate see citric acid

diammonium hydrogen phosphate see ammonium phosphate

diammonium phosphate see ammonium phosphate

diamond
(RN) 7782-40-3
(SY) diamonds
(HM) *CARBON

diamond black see eriochrome black A

diamonds see diamond

Diamphidia toxin
(HM) *ARTHROPOD VENOMS
(II) BEETLES
(NO) from Diamphidia nigro-ornata; polypeptide MW 60,000; used by bushmen as arrow poison

diamphotoxin
(RN) 87915-42-2
(HM) *ARTHROPOD VENOMS
(II) BEETLES
(NO) MW 60,000; single chain polypeptide toxin from Diamphidia nigro-ornata pupae; used as arrow poison by Kung Bushmen of Southern Africa

diampron see amicarbalide diisethionate

diamyl phthalate see di-n-pentyl phthalate

dianate see dicamba dimethylamine

Diane
(RN) 60528-19-0
(HM) *CYPROTERONE
(HM) *ETHINYL ESTRADIOL
(HM) DRUG COMBINATIONS
(PA) ANDROGEN ANTAGONISTS
(NO) contains above two cpds

21,22-di-O-angeloyl-R(1)-barrigenol
(SY) 21,22-DARB
(HM) *SAPONINS
(NO) main sapogenol from fruits of Xanthoceras sorbifolia Bunge; structure given in first source

dianhydro-aklavinone see bis(anhydro)aklavinone

dianhydro-3,4-diacetylgalactitol
(RN) 57230-48-5
(SY) diacetyldianhydrodulcitol
(SY) diacetyl-diepoxydulcitol
(SY) diacetyldianhydrogalactitol
(HM) *DIANHYDROGALACTITOL/analogs
(PA) ANTINEOPLASTIC AGENTS
(NO) structure given in first source

1,2-5,6-dianhydrogalactitol bis(hydrogen butanedioate) see 3,4-disuccinyl 1,2-5,6-dianhydrogalactitol

dianhydromannitol
(RN) 19895-66-0
(HM) MANNITOL/*analogs
(PA) ANTINEOPLASTIC AGENTS
(NO) RN given refers to (D)-isomer; RN for cpd without isomeric designation not in Chemline 7/19/83; structure

diantalvic see distalgesic

dianthins
(SY) dianthin 30
(SY) dianthin 32
(HM) *PLANT PROTEINS
(PA) ANTIVIRAL AGENTS
(NO) ribosome-damaging proteins with anti-viral properties from leaves of Dianthus caryophyllus L.(carnation)

dianthin 30 see dianthins

dianthin 32 see dianthins

diaphene see tribromsalan

Diapulmon
(HM) *CAMPHOR
(HM) *MENTHOL
(HM) *OILS, VOLATILE
(HM) *QUININE
(HM) DRUG COMBINATIONS
(II) INHALATION THERAPY
(NO) consists of 50 mg camphor, 160 mg menthol, 0.4 ml eucalyptus oil, 60 mg quinine, 1.6 ml oleum helianti, 10 mg oleic acid

cis-diaquadiammineplatinum(II) nitrate see diamminediaqua platinum(II)

diaquocobinamide see cobinamide

diaquo(meso-tetraphenylporphinato)iron (III) perchlorate
(RN) 65893-70-1
(HM) *METALLOPORPHYRINS

1,2-diarachidonoyl-glycero-3-phosphocholine
(RN) 17688-29-8
(SY) 1,2-diarachidyl-3-phosphatidylcholine
(SY) 1,2-diradyl-3-phosphatidylcholine
(SY) DAPC
(HM) *PHOSPHATIDYLCHOLINES
(NO) RN given refers to (all-Z)-isomer; RN for cpd without isomeric designation not in Chemline 4/85

1,2-diarachidonoyl-glycero-3-phosphoethanolamine
(RN) 5634-86-6
(RR) 61177-37-5 ((all-Z)-(+-)-isomer)
(RR) 61177-38-6 ((S-(all-Z))-isomer)
(SY) 1,2-diarachidyl-3-phosphatidylethanolamine
(SY) 1,2-diradyl-3-phosphatidylethanolamine
(SY) DAPE
(HM) *PHOSPHATIDYLETHANOLAMINES
(NO) RN given refers to (R-(all-Z))-isomer; RN for cpd without isomeric designation not in Chemline 4/85

diarachidonyl diglyceride
(RN) 82231-61-6
(SY) 2-arachidonyl diglyceride
(SY) diarachidonylglycerol
(HM) *DIGLYCERIDES

diarachidonylglycerol see diarachidonyl diglyceride

1,2-diarachidyl-3-phosphatidylcholine see 1,2-diarachidonoyl-glycero-3-phosphocholine

1,2-diarachidyl-3-phosphatidylethanolamine see 1,2-diarachidonoyl-glycero-3-phosphoethanolamine

diArs see 2-phenylene-bis-dimethylarsine

diarsenic trioxide see arsenic trioxide

1,2-di(4-arsonophenylamino)ethane decahydrate see diphetarsone

diarylpropane oxygenase
(RN) EC 1.14.99.-
(HM) *OXYGENASES
(NO) requires H_2O_2; fungal enzyme degrades the lignin model cpd 1-(3',4'-diethoxyphenyl)-1,3-dihydroxy-(4-''-methoxyphenyl)propane (diarylpropane)

diasporal see levulinic acid

diatomaceous earth, flux-calcined see distomite

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diatomite
(RN) 68855-54-9
(SY) diatomaceous earth, flux-calcined
(HM) *KIESELGUHR
(II) DENTAL CASTING INVESTMENT

di-N3-ATP see 3'-O-(3-(N-(4-azido-2-nitrophenyl)amino)propionyl)-8-azidoadenosine 5'-triphosphate

1,4-diazabicyclo-octane see triethylenediamine

4,7-diazadecyl-5,5'-bis(3,8-diamino-6-phenylphenanthridium) dichloride dihydrochloride see ethidium homodimer

diazan
(RN) 19690-35-8
(SY) diazane
(HM) *DIAZONIUM COMPOUNDS
(PA) ANTINEOPLASTIC AGENTS
(PA) MUTAGENS

diazane see diazan

8,13-diaza-3-thia-A-norgona-1,5(10)-dien- 17-one
(SY) 8,13-DTNDO
(HM) *STEROIDS, HETEROCYCLIC
(NO) structure given in first source

diazene
(RN) 3618-05-1
(HM) *IMIDES

diazenedicarboxylic acid bis(N'-methylpiperazide)
(RN) 53202-52-1
(SY) DIP
(HM) *AZO COMPOUNDS
(II) SULFHYDRYL REAGENTS
(NO) structure

diazepam binding inhibitor
(SY) DBI peptide
(HM) *NERVE TISSUE PROTEINS
(NO) 105 amino acid chain brain peptide from rats with affinity for benzodiazepine recognition sites; amino acid comp given in first source

diazepam receptor
(SY) receptor, diazepam
(HM) *RECEPTORS, GABA-BENZODIAZEPINE
(II) DIAZEPAM

diaziquone see NSC 182986

2,5-diaziridinyl-3,6-bis(carboethoxyamino)-1,4-benzoquinone see NSC 182986

3,6-diaziridinyl-2,5-bis(carboethoxyamino)-1,4-benzoquinone see NSC 182986

2,5-diaziridinyl-3,6-bis(2-hydroxyethylamino)-1,4-benzoquinone see NSC 224070

diazirino-PC see 1-palmitoyl-2-(11-3-diazirinophenoxy)undecanoyl)-sn-glycero-3-phosphocholine

diazoacetic ester
(RN) 623-73-4
(SY) ethyl diazoacetate
(HM) *DIAZONIUM COMPOUNDS
(NO) structure

diazoacetylglycine esters
(HM) *DIAZOACETYLGLYCINE AMIDE/analogs
(II) INDICATORS AND REAGENTS
(NO) inhibitor of Penicillium roquefori protease

N-diazoacetylglycine hydrazide
(RN) 820-75-7
(HM) *DIAZOACETYLGLYCINE AMIDE/analogs

N-diazoacetylnorleucine methyl ester
(RN) 7013-09-4
(RR) 19530-82-6 ((L)-isomer)
(HM) *NORLEUCINE/analogs
(PA) ALKYLATING AGENTS
(NO) RN given refers to (DL)-isomer; RN for cpd without isomeric designation not in Chemline 7/19/83; structure

diazobenzenesulfonate see diazobenzenesulfonic acid

diazobenzene sulfonate see diazobenzenesulfonic acid

diazobenzenesulfonic acid
(RN) 2154-66-7
(RR) 6118-33-8 (chloride)
(RR) 4332-41-6 (hydroxide)
(RR) 305-80-6 (OH inner salt)
(SY) diazosulfanilic acid
(SY) p-diazoniumbenzenesulfonic acid
(SY) DASA
(SY) diazonium salt of sulfanilic acid
(SY) sulfanilic acid diazonium salt
(SY) diazobenzene sulfonate
(SY) diazobenzenesulfonate
(SY) 4-sulphodiazobenzene
(SY) DABS
(SY) diazobenzenesulphonate
(SY) Pauly's reagent
(HM) *SULFANILIC ACIDS
(HM) *DIAZONIUM COMPOUNDS
(II) INDICATORS AND REAGENTS
(NO) RN given refers to parent cpd; structure

diazobenzenesulphonate see diazobenzenesulfonic acid

diazobenzyloxymethyl see diazobenzyloxymethyl groups

diazobenzyloxymethyl cellulose
(RN) 71950-08-8
(SY) DABM cellulose
(HM) METHYLCELLULOSE/*analogs

diazobenzyloxymethyl groups
(SY) diazobenzyloxymethyl
(SY) DBM paper
(HM) *DIAZONIUM COMPOUNDS
(II) INDICATORS AND REAGENTS
(NO) structure

diazocarboxylic acid ethyl ester
(RN) 1972-28-7
(SY) DACA OEt
(HM) *AZO COMPOUNDS

O-(4-diazo-3,5-diiodobenzoyl)sucrose
(RN) 80165-08-8
(SY) DADIBS
(SY) alpha-D-Glucopyranoside, beta-D-arabinofuranosyl, mono(4-diazenyl-3,5-di(iodo-125I)benzoate)
(HM) *IODOBENZOATES
(NO) with (125)I used as radioactive label for organ sites of catabolism of plasma proteins

diazodiiodosulfanilic acid
(RN) 59259-95-9
(SY) diazotised diiodosulphanilic acid
(SY) DIDSA
(SY) DDISA
(HM) *DIAZONIUM COMPOUNDS
(NO) structure

diazoethylanthranilate
(SY) ethylanthranilate diazo method
(HM) *DIAZONIUM COMPOUNDS
(NO) method for measuring conjugated & unconjugated bilirubin in bile

4-diazoimidazole-5-carboxamide
(RN) 24316-91-4
(RR) 26230-33-1 (hydroxide, inner salt)
(RR) 64038-55-7 (chloride)
(HM) *IMIDAZOLES
(NO) immediate photodecomposition product of DIC; RN given refers to parent cpd; structure

O-(4-diazo-3-iodobenzoyl)sucrose
(SY) DAIBS
(HM) *IODOBENZOATES
(II) RADIOISOTOPES
(NO) with (125)I used as label for LDL catabolic site detection

diazoiodosulfanilic acid
(RN) 68639-24-7
(SY) diazotized ISA
(HM) *DIAZONIUM COMPOUNDS
(NO) reacts with histidine & tyrosine residues; RN given refers to chloride; RN for parent cpd not in Chemline 6/84

diazolidinylurea
(RN) 78491-02-8
(SY) Germall II
(SY) 5-(1,3-bis(hydroxymethyl)ureido)-1,3-bis (hydroxymethyl)imidazol-2,5(3H,5H)dione
(HM) UREA/*analogs
(PA) ANTI-INFECTIVE AGENTS, LOCAL
(NO) structure given in first source

diazoline
(RN) 6153-33-9
(SY) fabahistin
(SY) mebhydrolin napadisylate
(SY) Incidal
(SY) mebhydroline 1,5-naphthalenedisulfonate
(HM) *CARBOLINES
(PA) ANTIHISTAMINICS
(NO) see also record for mebhydroline, RN: 524-81-2

diazo-MAPD see 21-diazo-4-methyl-4-aza-5-pregnane-3,20-dione

9-diazomethylanthracene
(RN) 10401-59-9
(SY) 9-anthryldiazomethane
(HM) *ANTHRACENES
(II) FLUORESCENT DYES
(NO) RN & NI from 9th CI Form Index

21-diazo-4-methyl-4-aza-5 alpha-pregnane-3,20-dione see 21-diazo-4-methyl-4-aza-5-pregnane-3,20-dione

21-diazo-4-methyl-4-aza-5-pregnane-3,20- dione
(SY) 21-diazo-4-methyl-4-aza-5 alpha-pregnane-3,20-dione
(SY) diazo-MAPD
(HM) *AZASTEROIDS
(HM) *PREGNANEDIONES
(II) AFFINITY LABELS
(NO) structure given in first source

diazomethyl ketones
(HM) DIAZOMETHANE/*analogs
(NO) protease inhibitors; potential selective thiol protease reagents; structure

diazomycin B see azotomycin

diazonaphthalenedisulfonic acid
(RN) 20971-43-1
(SY) NDS
(HM) *NAPHTHALENESULFONATES
(II) INDICATORS AND REAGENTS
(NO) inactivates p-nitrophenyl alpha-galactoside hydrolase

p-diazoniumbenzenesulfonic acid see diazobenzenesulfonic acid

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diazonium salt of sulfanilic acid see diazobenzenesulfonic acid

diazonium-1H-tetrazole see 5-diazo-1H-tetrazole

5-diazo-4-oxonorvaline
(RN) 17808-06-9
(RR) 35719-55-2 ((D)-isomer)
(HM) *AMINOLEVULINIC ACID/analogs
(PA) ANTINEOPLASTIC AGENTS
(NO) RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 7/19/83; structure

1-diazo-2-oxoundecane
(RN) 76917-15-2
(HM) *AZO CPDS
(HM) *DIAZONIUM COMPOUNDS
(II) AFFINITY LABELS
(NO) RN given refers to 1-(14)C-labeled cpd; RN for unlabeled cpd not in Chemline 6/84; structure given in first source

4-diazophenyl-beta-D-galactopyranoside see 4-diazophenylgalactoside

4-diazophenylgalactoside
(RN) 86277-63-6
(SY) 4-diazophenyl-beta-D-galactopyranoside
(SY) 4-DAZPG
(HM) *DIAZONIUM COMPOUNDS
(PA) RICIN/antag

diazophenylthioether
(RN) 25254-20-0
(RR) 13954-65-9 (dichloride)
(SY) DAPTE
(HM) *DIAZONIUM COMPOUNDS
(II) INDICATORS AND REAGENTS
(NO) proteins fractionated in polyacrylamide gels are transferred electrophoretically to diazophenylthioether paper; RN given refers to parent cpd

diazoresorcinol see resazurin

diazosulfanilic acid see diazobenzenesulfonic acid

5-diazo-1H-tetrazole
(RN) 2260-28-8
(RR) 13948-18-0 (chloride)
(RR) 6732-82-7 (hydroxide)
(SY) diazonium-1H-tetrazole
(HM) *TETRAZOLES
(NO) RN given refers to parent cpd

diazotised diiodosuiphanilic acid see diazodiiodosulfanilic acid

diazotized 2,4-dichloroaniline see 2,4-dichlorobenzenediazonium

diazotized ISA see diazoiodosulfanilic acid

2-diazo-3-trifluoropropionyloxy geranyl pyrophosphate
(SY) DZTFPOGP
(HM) *DIAZONIUM COMPOUNDS
(II) AFFINITY LABELS
(NO) farnesyl pyrophosphate analog photoaffinity label for undecaprenyl pyrophosphate synthetase; structure given in first source

N-2-diazo-3,3,3-trifluoropropionyl-3,5,3'-triiodothyronine
(RN) 83093-58-7
(RR) 83093-56-5 (125I-labeled cpd)
(SY) L-T3 PAL
(HM) TRIIODOTHYRONINE/*analogs
(HM) *DIAZONIUM COMPOUNDS
(II) AFFINITY LABELS
(NO) photoaffinity label which binds to the same nuclear receptor in intact cells such as L-T3; RN given refers to unlabeled cpd

5-diazouracil
(RN) 2435-76-9
(HM) URACIL/*analogs
(NO) RN given refers to parent cpd; structure

Diazoxon
(RN) 962-58-3
(SY) O,O-diethyl O-(2-isopropyl-4-methylpyrimid-6-yl) phosphate
(HM) *ORGANOPHOSPHORUS COMPOUNDS
(PA) INSECTICIDES, ORGANOPHOSPHATE
(NO) structure

dibasol see bendazole

dibencozide see cobamamide

dibenzacridine
(RN) 224-42-0
(SY) dibenz(a,h)acridine
(SY) dibenz(a,j)acridine
(HM) *ACRIDINES
(NO) RN given refers to dibenz(a,j)acridine

dibenz(a,h)acridine see dibenzacridine

dibenz(a,j)acridine see dibenzacridine

dibenz(aj)anthracene see dibenzo(aj)anthracene

4,4'-dibenzamido-2,2'-disulfoaic stilbene see 4,4'-dibenzamido-2,2'-stilbenedisulfonic acid

4,4'-dibenzamido-2,2'-stilbenedisulfonic acid
(RN) 7342-14-5
(RR) 2535-77-5 (di-Na salt)
(SY) DBDS
(SY) 4,4'-dibenzamido-2,2'-disulfonic stilbene
(HM) *SITS/analogs
(NO) anion transport inhibitor; RN given refers to parent cpd

dibenz(a,c)anthracene see benzotriphenylene

dibenz(a,h)anthracene see 1,2,5,6-dibenzanthracene

dibenzanthracenes
(HM) *BENZANTHRACENES

1,2,3,4-dibenzanthracene see benzotriphenylene

1,2,5,6-dibenzanthracene
(RN) 53-70-3
(RR) 34483-87-9 (ion(1-))
(RR) 34483-86-8 (ion(1+))
(SY) dibenz(a,h)anthracene
(HM) *BENZANTHRACENES
(NO) RN given refers to parent cpd

3,4,5,6-dibenzanthracene see dibenzo(aj)anthracene

dibenzheptropine
(RN) 604-51-3
(RR) 2169-75-7 (citrate)
(SY) BS 6987
(SY) BS-6987
(SY) deptropine citrate
(HM) *TROPANES
(PA) PARASYMPATHOLYTICS
(NO) minor descriptor (65-85); on-line & Index Medicus search TROPANES (66-85); RN given refers to parent cpd

dibenzo(aj)anthracene
(RN) 224-41-9
(SY) 3,4,5,6-dibenzanthracene
(SY) dibenz(aj)anthracene
(SY) dibenzo-1,2,7,8-anthracene
(HM) *BENZANTHRACENES
(PA) CARCINOGENS
(NO) structure in first source

dibenzoanthracene-1,2-dihydrodiol
(RN) 1421-82-5
(RR) 79301-84-1 ((trans)-(+-)-isomer)
(RR) 66267-18-3 ((trans)-isomer)
(SY) trans-1,2-dihydroxy-1,2-dihydrodibenzo(a,h) anthracene
(HM) *BENZANTHRACENES
(NO) RN given refers to cpd without isomeric designation

dibenzoanthracene-3,4-dihydrodiol
(RN) 1421-83-6
(RR) 74634-56-3 ((trans)-(+-)-isomer)
(RR) 66267-19-4 ((trans)-isomer)
(SY) trans-3,4-dihydroxy-3,4-dihydrodibenzo(a,h) anthracene
(HM) *BENZANTHRACENES
(NO) RN given refers to cpd without isomeric designation

dibenzo-1,2,7,8-anthracene see dibenzo(aj)anthracene

7H-dibenzo(c,g)carbazole
(RN) 194-59-2
(HM) *CARBAZOLES
(PA) CARCINOGENS

dibenzo-18-crown-6
(RN) 14187-32-7
(SY) polyether XXVIII
(HM) *ETHERS, CYCLIC
(NO) structure

dibenzocycloctadiene lignans see schisantherin

(5H-dibenzo(a,d)cyclohepten-5-ylidene)acetic acid see WY 41770

dibenzo(def,p)chrysene see dibenzo(a,l)pyrene

4,5,4',5'-dibenzo-3,3'-diethyl-9-methyl- thiacarbocyanine bromide see stains-all

dibenzo-p-dioxin see dibenzo(1,4)dioxin

dibenzo(1,4)dioxin
(RN) 262-12-4
(SY) dibenzo-p-dioxin
(HM) *DIOXINS
(NO) structure

dibenzo(a,e)fluoranthene
(RN) 5385-75-1
(HM) *FLUORENES
(PA) CARCINOGENS

dibenzo(a,e)fluoranthene-12,13-dihydrodiol see 12,13-dihydro-12,13-dihydroxydibenzo(a,e)fluoranthene

dibenzo(a,e)fluoranthene-3,4-dihydrodiol see 3,4-dihydro-3,4-dihydroxydibenzo(a,e)fluoranthene

dibenzo(a,e)fluoranthene-1,2-epoxy-1,2,3,4-tetrahydro-3,4-diol see 3,4-dihydroxy-1,2-epoxy-1,2,3,4-tetrahydrodibenzo(a,e) fluoranthene

dibenzofuran
(RN) 132-64-9
(RR) 34480-84-7 ((ion(1-))
(HM) *BENZOFURANS
(NO) RN given refers to parent

2-(4-dibenzofuranyloxy)-2-methylpropionic acid
(RN) 41799-18-2
(HM) *PROPIONIC ACIDS
(PA) ANTILIPEMIC AGENTS
(NO) structure

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dibenzo(a,e)pyrene
(RN) 192-65-4
(SY) naphtho(1,2,3,4-def)chrysene
(SY) 1,2,4,5-dibenzopyrene
(SY) DB(a,e)P
(HM) *BENZOPYRENES
(PA) CARCINOGENS
(NO) structure in first source

dibenzo(a,h)pyrene
(RN) 189-64-0
(SY) 3,4-8,9-dibenzopyrene
(HM) *BENZOPYRENES
(PA) MUTAGENS
(NO) structure given in first source

dibenzo(a,i)pyrene
(RN) 189-55-9
(SY) 3,4-9,10-dibenzopyrene
(SY) benzo(rst)pentaphene
(HM) *BENZOPYRENES

dibenzo(a,l)pyrene
(RN) 191-30-0
(SY) dibenzo(def,p)chrysene
(SY) Ba 51-090462
(SY) 1,2,3,4-dibenzopyrene
(SY) 1,2,9,10-dibenzopyrene
(SY) 4,5,6,7-dibenzpyrene
(HM) *BENZOPYRENES
(PA) CARCINOGENS
(NO) structure in first source

1,2,3,4-dibenzopyrene see dibenzo(a,l)pyrene

1,2,4,5-dibenzopyrene see dibenzo(a,e)pyrene

1,2,9,10-dibenzopyrene see dibenzo(a,l)pyrene

3,4-8,9-dibenzopyrene see dibenzo(a,h)pyrene

3,4-9,10-dibenzopyrene see dibenzo(a,i)pyrene

dibenzopyrrole see carbazole

dibenzo(b,d)pyrrole see carbazole

dibenzothioazocines
(HM) *AZOCINES
(PA) ANTIDEPRESSIVE AGENTS, TRICYCLIC
(NO) structure

dibenzothiophene
(RN) 132-65-0
(HM) *THIOPHENES

dibenz(b,f)(1,4)oxazepine
(RN) 257-07-8
(SY) CR irritant
(HM) *DIBENZOXAZEPINES
(PA) CARCINOGENS
(II) IRRITANTS

4,5,6,7-dibenzpyrene see dibenzo(a,l)pyrene

dibenzthione
(RN) 350-12-9
(SY) D 47
(SY) afungin
(HM) *THIADIAZINES
(PA) ANTIFUNGAL AGENTS
(NO) structure

dibenzylamine
(RN) 103-49-1
(RR) 20455-68-9 (HCl)
(RR) 72088-84-7 (acetate)
(SY) iminodibenzyl
(HM) *BENZYLAMINES
(NO) used in detection of cobalt, cyanate, & iron; RN given refers to parent cpd; CAUTION: synonym iminodibenzyl is not unique to this cpd; structure

N,N-dibenzyldaunorubicin
(RN) 80951-48-0
(RR) 70878-51-2 (HCl(lyxo-(8S-cis))-isomer)
(RR) 69230-47-3 ((lyxo-(8S-cis))-isomer)
(HM) DAUNORUBICIN/*analogs
(NO) RN given refers to (arabino-(8S-cis))-isomer; RN for cpd without isomeric designation not in Chemline 6/84; structure

dibenzyldimethylammonium
(RN) 14800-26-1
(RR) 100-94-7 (chloride)
(RR) 52111-74-7 (iodide)
(RR) 52111-80-5 (14C-labeled cpd iodide)
(SY) N,N-dimethyl-N',N'-dibenzylammonium chloride
(HM) *AMMONIUM COMPOUNDS
(II) UNCOUPLING AGENTS
(NO) RN given refers to unlabeled parent cpd

N,N-dibenzyl-N',N'-dimethyl-1,2-propanediamine
(RN) 68156-60-5
(RR) 59262-57-6 (HCl)
(HM) *DIAMINES
(NO) RN given refers to parent cpd

N,N'-dibenzylethylenediamine see benzathine

N,N-dibenzylnitrosamine see N-nitrosodibenzylamine

dibenzyl sulfide see benzyl sulfide

di-beta-lysyl capreomycin IIA
(RN) 74240-43-0
(SY) DBLCA
(HM) CAPREOMYCIN/*analogs
(NO) structure given in first source

di-beta-(morpholinoethyl)selenide
(RN) 83616-20-0
(RR) 74496-66-5 (75Se-labeled cpd di-HCl)
(RR) 73511-88-3 (75Se-labeled cpd)
(SY) MOSE
(HM) *SELENIUM
(HM) *MORPHOLINES
(NO) RN given refers to unlabeled parent cpd

N,N'-di-beta-naphthyl-p-phenylenediamine see diafen NN

di-beta-naphthylthiocarbazone see di-2-naphthylthiocarbazone

di-BHA see 2,2'-dihydroxy-3,3'-di-tert-butyl-5,5'-dimethoxydiphenyl

dibiomycin
(RN) 1111-27-9
(HM) *CHLORTETRACYCLINE
(HM) *ETHYLENEDIAMINES
(NO) salt of 2 parts chlortetracycline & 1 part N,N'-dibenzylethylenediamine

3-DIBM see 3-(2,3-dihydro-1H-indol-1-yl)benzylmethylamine

dibozan see dibozane

dibozane
(RN) 7762-32-5
(RR) 62703-37-1 (di-HCl(R-(R*,R*))-isomer)
(RR) 62703-36-0 (di-HCl(R*,S*)-isomer)
(RR) 62703-35-9 (di-HCl(S-(R*,R*))-isomer)
(RR) 62532-63-2 ((R*,S*)-isomer)
(RR) 61120-80-7 ((S-(R*,R*))-isomer)
(RR) 60998-61-0 ((R-(R*,R*))-isomer)
(RR) 7729-41-1 (phosphate)
(SY) 1,4-bis(1,4-benzodioxan-2-ylmethyl)piperazine
(SY) McN-181
(SY) McN 181
(SY) dibozan
(HM) *PIPERAZINES
(PA) ADRENERGIC ALPHA RECEPTOR BLOCKADERS
(NO) alpha adrenergic blockader, used mainly as a research tool; minor descriptor (77-85); on-line & Index Medicus search PIPERAZINES; RN given refers to parent cpd without isomeric designation

2,4-dibromoacetophenone see 4-bromophenacyl bromide

3,5-dibromo-1-acetoxy-4-oxo-2,5-cyclohexadiene-1-acetonitrile see dienone A

dibromoacetylsalicylic acid
(SY) dibromoaspirin
(HM) ASPIRIN/*analogs
(PA) ANTISICKLING AGENTS

dibromoaspirin see dibromoacetylsalicylic acid

dibromobimane
(RN) 68654-25-1
(HM) *BICYCLO COMPOUNDS
(II) FLUORESCENT DYES
(II) CROSS-LINKING REAGENTS

dibromobis(1-phenyl-1,3-butanedionato) titanium (IV)
(RN) 66749-01-7
(SY) Ti-BZAC-Br2
(HM) *ORGANOMETALLIC COMPOUNDS
(HM) *TITANIUM
(PA) ANTINEOPLASTIC AGENTS
(NO) see also record for the dihalogen cpd

3,5-dibromo-2-chloro-4-isothiocyanatosalicylanilide see 3,5-dibromo-2-chlorosalicylanilide-4'-isothiocyanate

dibromochloromethane see chlorodibromomethane

dibromochloropropane see 1,2-dibromo-3-chloropropane

1,2-dibromo-3-chloropropane
(RN) 96-12-8
(RR) 67708-83-2 (cpd with unspecified locants for bromine & chlorine moieties)
(SY) dibromochloropropane
(SY) DBCP
(SY) fumazone
(SY) nemagon
(HM) PROPANE/*analogs
(PA) INSECTICIDES, ORGANOCHLORINE
(PA) NEMATOCIDES
(NO) RN given refers to cpd with specified locants for bromine & chlorine moieties

3,5-dibromo-2-chlorosalicylanilide-4'-isothiocyanate
(RN) 72670-62-3
(SY) CDRI 77-6
(SY) compound 77-6
(SY) 3,5-dibromo-2-chloro-4-isothiocyanatosalicylanilide
(HM) NICLOSAMIDE/*analogs
(PA) ANTICESTODAL AGENTS
(NO) structure given in first source

N-(2,4-dibromo-6-((cyclohexylmethylamino)methyl) phenyl)-4-hydroxy-3-methoxybenzamide see BR 227

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1,2-dibromo-2,4-dicyanobutane see tektamer 38

1,2-dibromoethane see ethylene dibromide

dibromomethane see methylene bromide

5,7-dibromo-2-methyl-8-quinolylbenzoate see Broxaldine

2,6-dibromophenol
(RN) 608-33-3
(SY) 2,6-DBP
(HM) *PHENOLS

3,5-dibromophenylsuccinic acid N-methylimide see IL 49

2,3-dibromopropanal
(RN) 5221-17-0
(SY) 2,3-dibromopropyl aldehyde
(HM) *ALDEHYDES
(PA) MUTAGENS

dibromopropane
(RN) 27072-47-5
(HM) PROPANE/*analogs
(NO) see also record for 1,3-dibromopropane

2,3-dibromopropyl aldehyde see 2,3-dibromopropanal

2-(4'-di(2"-bromopropyl)aminophenylazo)benzoic acid see CB 10-252

2,3-dibromopropylphosphate
(RN) 5324-12-9
(RR) 85771-01-3 (di-NH4 salt)
(RR) 43110-33-4 (Mg salt)
(HM) *PHOSPHORIC ACID ESTERS
(PA) MUTAGENS
(NO) mutagenic, nephrotoxic metabolite of tris(2,3-dibromopropyl)phosphate, a flame retardant; RN given refers to parent cpd

5,7-dibromo-8-quinolinol see broxyquinoline

2,6-dibromoquinone 4-chlorimide
(RN) 537-45-1
(SY) 2,6-DBQC
(HM) *QUINONES
(II) INDICATORS AND REAGENTS

4',5-dibromosalicylanilide see dibromsalan

3,5-dibromosalicyl-bis-fumarate see bis(3,5-dibromosalicyl)fumarate

dibromosulphthalein
(RN) 17199-35-8
(RR) 20971-73-7 (3H-labeled cpd di-Na salt)
(SY) phenol-3,6-dibromophthalein disulfonate
(SY) dibromsulphalein
(SY) dibromsulphthalein
(HM) SULFOBROMOPHTHALEIN/*analogs
(NO) RN given refers to 3H-labeled parent cpd; RN for unlabeled cpd not in Chemline 6/84

dibromsalan
(RN) 87-12-7
(SY) 4',5-dibromosalicylanilide
(HM) *SALICYLANILIDES
(PA) ANTHELMINTICS
(II) DISINFECTANTS
(NO) structure

dibromsulphalein see dibromosulphthalein

dibromsulphthalein see dibromosulphthalein

3,6-dibutanoylmorphine
(RN) 66641-03-0
(HM) *MORPHINE DERIVATIVES
(PA) ANALGESICS
(NO) synthetic diester of morphine

di-n-butyl adipate
(RN) 105-99-7
(HM) *ADIPIC ACIDS
(II) VEHICLES

dibutylamine
(RN) 111-92-2
(RR) 71230-78-9 (phosphate[3:1])
(RR) 6287-40-7 (HCl)
(SY) di-n-butylamine
(HM) *BUTYLAMINES

di-n-butylamine see dibutylamine

dibutylbis(lauroyloxy)tin see butynorate

dibutylchloro(chloromethyl)tin
(RN) 61553-17-1
(RR) 65118-70-9 (3H-labeled cpd)
(SY) dibutylchloromethyltin chloride
(HM) *TRIALKYLTIN COMPOUNDS
(NO) RN given refers to unlabeled cpd

dibutylchloromethyltin chloride see dibutylchloro(chloromethyl)tin

dibutyldichlorotin
(RN) 683-18-1
(SY) dibutyltin dichloride
(HM) *ORGANOTIN COMPOUNDS

dibutyldihydrostilbestrol see dihydrodibutylstilbestrol

dibutyldiisooctylthioglycolate tin see dibutyltin diisooctylthioglycolate

N,N'-dibutylhexamethylenediamine see N,N'-dibutyl-1,6-hexanediamine

N,N'-dibutyl-1,6-hexanediamine
(RN) 4835-11-4
(SY) N,N'-dibutylhexamethylenediamine
(SY) DBHMD
(HM) *DIAMINES
(NO) polymer intermediate

N,N-dibutyl-4-(hexyloxy)-1-naphthamidine monohydrochloride see bunamidine

2-((3,5-di-t-butyl-4-hydroxyphenyl)thio)hexanoic acid see DH 990

dibutyl iodomethaneboronate
(HM) *BORON COMPOUNDS
(NO) used in synthesis of benzamidomethaneboronic acid; structure given in first source

dibutylnitrosamine
(RN) 924-16-3
(SY) nitrosodibutylamine
(SY) N-nitrosodi-n-butylamine
(SY) N,N-dibutylnitrosamine
(SY) N-nitrosodibutylamine
(HM) *NITROSAMINES
(PA) CARCINOGENS
(NO) structure

N-dibutylnitrosamine see dibutylnitrosamine

di-t-butyl nitroxide
(RN) 2406-25-9
(HM) *NITROGEN OXIDES
(II) SPIN LABELS

2,6-di-t-butylphenol see 2,6-di-tert-butylphenol

2,5-di-t-butylquinol see 2,5-di-tert-butylhydroquinone

1,3-dibutyl-2-thiourea
(RN) 109-46-6
(HM) THIOUREA/*analogs
(NO) may cause contact dermatitis

dibutyltin dichloride see dibutyldichlorotin

dibutyltin diisooctylthioglycolate
(RN) 25168-24-5
(SY) dibutyldiisooctylthioglycolate tin
(HM) *ORGANOTIN COMPOUNDS
(HM) *THIOGLYCOLATES

dibutyltin dilaurate see butynorate

dibutyroylphosphatidylcholine see dibutyrylphosphatidylcholine

dibutyryl-lecithin see dibutyrylphosphatidylcholine

dibutyryl-PC see dibutyrylphosphatidylcholine

dibutyrylphosphatidylcholine
(RN) 3355-26-8
(SY) dibutyryl-PC
(SY) dibutyryl-lecithin
(SY) dibutyroylphosphatidylcholine
(HM) *PHOSPHATIDYLCHOLINES
(NO) RN given refers to (R)-isomer; RN for cpd without isomeric designation not in Chemline 6/84

dicalcium phosphate dihydrate see calcium phosphate

dicamba dimethylamine
(RN) 2300-66-5
(SY) Banvel D
(SY) dianate
(HM) *DICAMBA/analogs
(PA) HERBICIDES

4-(1,2-dicarba-closo-dodecaboran-2-yl) benzenediazonium
(SY) para-(1,2-dicarba-closo-dodecaboran-2-yl) benzenediazonium
(SY) 4-DDBA
(HM) *BORON COMPOUNDS
(NO) used for boron-labeling of antibodies against carcinoembryonic antigen

1,6-di(O-(carbamoyl)cyclohexanone oxime)hexane see RHC 80267

S-(1,2-dicarbethoxyethyl)-O,S-dimethyl phosphorodithioate see isomalathion

dicarbine
(RN) 17411-19-7
(RR) 33162-17-3 (di-HCl)
(RR) 85248-61-9 (oxalate[1:1](cis)-(+)-isomer)
(RR) 85248-60-8 (di-HCl(cis)-(+)-isomer)
(RR) 85202-19-3 ((cis)-(+)-isomer)
(RR) 85202-17-1 ((cis)-(-)-isomer)
(RR) 85179-53-9 (fumarate[1:1])
(RR) 81767-96-6 ((cis)-(+-)-isomer)
(RR) 70613-67-1 (di-HCl(trans)-isomer)
(RR) 34993-31-2 (HCl)
(RR) 32865-04-6 (di-HCl(+)-isomer)
(RR) 95751-51-2 (di-HCl(cis)-(-)-isomer)
(SY) 2,3,4,4a,5,9b-hexahydro-2,8-dimethyl-1H-pyrido (4,3-b)indole
(SY) carbidine
(SY) carbine
(SY) DH 1011
(SY) DH-1011
(HM) *CARBOLINES
(PA) TRANQUILIZING AGENTS, MAJOR
(PA) ANTI-ARRHYTHMIA AGENTS
(NO) minor descriptor (77-84); on-line & Index Medicus search CARBOLINES (77-84); RN given refers to parent cpd without isomeric designation

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dicarboxidine
(RN) 34915-18-9
(RR) 56455-90-4 (di-HCl)
(SY) alpha, alpha'-(4,4'-diamino-3,3'-biphenylenedioxy)dibutyric acid
(HM) *AMINOBIPHENYL COMPOUNDS
(II) INDICATORS AND REAGENTS
(NO) safer substitute for benzidine type chromogens; RN given refers to parent cpd; structure

2,3-dicarboxyaziridine
(HM) *AZIRIDINES
(PA) FUMARATE HYDRATASE/antag
(NO) structure given in first source

S-(1,2-dicarboxyethyl)glutathione
(HM) GLUTATHIONE/*analogs
(NO) isolated from calf lens; structure in first source

5,6-dicarboxyfluorescein
(RN) 90829-94-0
(HM) *FLUORESCEINS
(II) FLUORESCENT DYES

dicarboxylate binding protein see dicarboxylate-binding protein

dicarboxylate-binding protein
(SY) DBP
(SY) dicarboxylate binding protein
(HM) *CARRIER PROTEINS
(II) DICARBOXYLIC ACIDS
(NO) present on cell surface of E. coli K12 & in inner & outer regions of periplasmic space

dicarboxylglycine see N-dicarboxylmonoglycine

N-dicarboxylmonoglycine
(SY) dicarboxylglycine
(HM) GLYCINE/*analogs

dicarboxymethyldithiocarbamate
(RN) 16661-12-4
(SY) DCMDTC
(HM) *DIMETHYLDITHIOCARBAMATE/analogs
(NO) RN given refers to tri-NH4 salt; RN for parent cpd not in Chemline 2/7/84; structure given in first source

2,6-dicarboxypyridine see dipicolinic acid

5,6-DICA see 5,6-dimethoxyindole-2-carboxylic acid

dicesium N-succinimidyl 3-(undecahydrododecaboranyldithio) propionate
(SY) SBDP
(HM) *BORON COMPOUNDS
(II) CROSS-LINKING REAGENTS
(NO) heterobifunctional boronating agent; structure given in first source

dicetel see pinaverium

dicetylphosphate
(RN) 2197-63-9
(RR) 17026-47-0 (K salt)
(SY) dicetyl phosphate
(SY) dihexadecyl phosphate
(HM) *PHOSPHORIC ACID ESTERS
(NO) RN given refers to parent cpd

dicetyl phosphate see dicetylphosphate

dichlofenthion
(RN) 97-17-6
(RR) 36493-05-7 (cpd with unspecified locants)
(HM) *ORGANOTHIOPHOSPHORUS COMPOUNDS
(PA) INSECTICIDES, ORGANOTHIOPHOSPHATE

dichlofluanid
(RN) 1085-98-9
(SY) euparen
(SY) Bay 47531
(SY) N-(dichlorofluoromethylthio)-N',N'-dimethyl-N-phenylsulfamide
(HM) *ANILINE COMPOUNDS
(PA) FUNGICIDES, INDUSTRIAL
(NO) structure

dichlofopmethyl see dichlorfop-methyl

dichlone
(RN) 117-80-6
(SY) phygon
(SY) 2,3-dichloro-1,4-naphthoquinone
(HM) *NAPHTHOQUINONES
(PA) FUNGICIDES, INDUSTRIAL
(PA) HERBICIDES
(II) INDICATORS AND REAGENTS
(NO) structure

dichloralantipyrine
(RN) 480-30-8
(SY) dichloralphenazone
(HM) *ANTIPYRINE
(HM) *CHLORAL HYDRATE
(NO) 1:2 compound of antipyrine with chloral hydrate

dichloralphenazone see dichloralantipyrine

dichloran
(RN) 99-30-9
(RR) 1331-14-2 (cpd with unspecified locants for chlorine moieties)
(SY) dicloran
(SY) Botran
(SY) DCNA
(SY) alizan
(HM) *ANILINE COMPOUNDS
(PA) FUNGICIDES, INDUSTRIAL
(II) UNCOUPLING AGENTS
(NO) RN given refers to cpd with specified locants for chlorine moieties; structure do not confuse with dichloran (Merck Index, 9th ed, #3027)

dichlorantin see 1,3-dichloro-5,5-dimethylhydantoin

dichlorfop-methyl
(RN) 51338-27-3
(SY) methyl dichlorfop
(SY) diclofop-methyl
(SY) dichlofopmethyl
(SY) illoxan
(HM) *PHENYL ETHERS
(PA) HERBICIDES
(NO) structure; herbicide for control of wild oat & foxtails in cereal crops

dichloride ethylene-1,2-bis(N-dimethylcarbodecyloxymethyl)ammonium see ethonium

dichloroacetaldehyde
(RN) 79-02-7
(HM) ACETALDEHYDE/*analogs

2',4'-dichloroacetophenone
(RN) 2234-16-4
(HM) *ACETOPHENONES

3,3-dichloro-N-acetylbenzidine
(RN) 72732-23-1
(SY) acetyldichlorobenzidine
(SY) monoacetyldichlorobenzidine
(HM) *3,3'-DICHLOROBENZIDINE/analogs
(PA) MUTAGENS
(NO) 3,3'-dichlorobenzidine urinary metabolite in rat

dichloroacetylene
(RN) 7572-29-4
(HM) ACETYLENE/*analogs

dichloroallyl lawsone
(RN) 36417-16-0
(SY) NSC-126771
(HM) *NAPHTHOQUINONES
(PA) ANTINEOPLASTIC AGENTS
(NO) structure

2,3-dichloro-alpha-methylbenzylamine
(RN) 39226-94-3
(RR) 39960-85-5 ((+-)-isomer)
(RR) 39960-84-4 ((+)-isomer)
(RR) 39960-86-6 ((-)-isomer)
(RR) 39959-66-5 (HCl)
(RR) 65444-17-9 (HCl(+-)-isomer)
(SY) LY 78335
(SY) Lilly 78335
(HM) *BENZYLAMINES
(NO) inhibitor of phenethanolamine N-methyltransferase; RN given refers to parent cpd without isomeric designation; structure

3,4-dichloroaniline N-malonyltransferase see malonyl-CoA-3,4-dichloroaniline N-malonyltransferase

3,4-dichloroaniline
(RN) 95-76-1
(HM) *ANILINE COMPOUNDS

3,5-dichloroaniline
(RN) 626-43-7
(HM) *ANILINE COMPOUNDS

(2-(2,6-dichloroanilino)ethyl)guanidine see guanclofine

(3,4-dichloroanilino)phenylacetonitrile see H 74

2-(3,4-dichloroanilino)quinolizinium bromide see diclonium bromide

2,4-dichloroanisole
(RN) 553-82-2
(HM) *ANISOLES
(NO) degradation product of 2,4-D

3',4'-dichlorobenzamil
(HM) AMILORIDE/*analogs
(NO) inhibits Na-Ca exchange in membrane vesicle & papillary muscle preparations from guinea pig heart

o-dichlorobenzene see 2-dichlorobenzene

m-dichlorobenzene see 1,3-dichlorobenzene

p-dichlorobenzene see 4-dichlorobenzene

2,4-dichlorobenzenediazonium
(RN) 27165-13-5
(RR) 13617-98-6 (chloride)
(RR) 21872-70-8 (tetrafluoroborate(1-))
(SY) diazotized 2,4-dichloroaniline
(SY) 2,4-dichlorophenyldiazonium
(HM) *DIAZONIUM COMPOUNDS
(II) INDICATORS AND REAGENTS
(NO) method for measurement of bilirubin in serum; RN given refers to parent cpd

1,2-dichlorobenzene see 2-dichlorobenzene

1,3-dichlorobenzene
(RN) 541-73-1
(SY) m-dichlorobenzene
(HM) *CHLOROBENZENES

2-dichlorobenzene
(RN) 95-50-1
(RR) 25321-22-6 (cpd with unspecified locants)
(SY) 1,2-dichlorobenzene
(SY) o-dichlorobenzene
(HM) *CHLOROBENZENES
(PA) INSECTICIDES, ORGANOCHLORINE
(NO) structure

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4–dichlorobenzene
(RN) 106–46–7
(RR) 25321–22–6 (cpd with unspecified locants)
(SY) p–dichlorobenzene
(HM) *CHLOROBENZENES
(PA) INSECTICIDES, ORGANOCHLORINE

4,4'–dichlorobenzophenone
(RN) 90–98–2
(HM) *BENZOPHENONES
(NO) structure

1–(2,6–dichlorobenzylideneamino)–3–hydroxyguanidine see guanoxabenz

5–((2',6'–dichlorobenzylidene))–6–methyl–(2H,4H)–3–pyridazinone
(RN) 96355–92–9
(SY) DCBMP
(HM) *PYRIDAZINES
(NO) RN given from Toxline; RN not in Chemline 7/85; structure given in first source

1–(2,4–dichlorobenzyl)indazole–3–carboxylic acid see lonidamine

1–(3,4–dichlorobenzyl)–3–methyl)–1,2–dihydro–2–oxoquinol–4–ylacetate see ICI 105552

1–(2–(2,4–dichlorobenzyloxy)–n–octyl)imidazole oxalate see RS 37367

1–(2–(2,4–dichlorobenzyloxy)–n–octyl)imidazole see RS 37367

1–(2,4–dichloro beta–(2,6–dichlorobenzyloxy)phenethyl) imidazole see isoconazole

DL–threo–2,2–dichloro–N–(beta–hydroxy–alpha– (hydroxy–methyl)p–sulfamoylphenethyl)acetamide see tevenel

1–(2,4–dichloro–beta–((p–(phenylthio)benzyl)oxy) phenethyl)imidazole see fenticonazole

5,6–dichloro–1–beta–ribofuranosylbenzimidazole 2'–phosphate
(RN) 75205–89–2
(SY) DCRFB 2'–phosphate
(SY) dichlororibofuranosylbenzimidazole 2'–monophosphate
(SY) DCRFB–2'–monophosphate
(HM) *RIBONUCLEOTIDES

4,4'–dichlorobiphenyl
(RN) 2050–68–2
(HM) *POLYCHLOROBIPHENYL COMPOUNDS

dichlorobis(azomycin)platinum II
(SY) trans–dichlorobis(azomycin)platinum II
(SY) platinum II dichlorobis(azomycin)
(SY) DCBAP
(HM) *ORGANOPLATINUM COMPOUNDS
(PA) RADIATION–SENSITIZING AGENTS
(NO) structure given in first source

trans–dichlorobis(azomycin)platinum II see dichlorobis(azomycin)platinum II

dichlorobis(n(5)–cyclopentadienyl)molybdenum (IV) see molybdocene dichloride

cis–dichlorobis(cyclopentylamine)platinum see dichlorobis(cyclopentylamine)platinum

dichlorobis(cyclopentylamine)platinum
(RN) 38780–36–8
(RR) 56846–69–6 ((SP–4–1)–isomer)
(RR) 55653–85–5 (195Pt–labeled cpd(SP–4–2)–isomer)
(SY) NSC 170898
(SY) cis–dichlorobis(cyclopentylamine)platinum
(HM) *ORGANOPLATINUM COMPOUNDS
(PA) ANTINEOPLASTIC AGENTS
(NO) RN given refers to unlabeled cpd(SP–4–2)–isomer; RN for cpd without isomeric designation not in Chemline 7/20/83; structure

cis–dichlorobis(cyclopropylamine)platinum II see dichlorobis(cyclopropylamine)platinum II

dichlorobis(cyclopropylamine)platinum II
(RN) 38780–38–0
(SY) CDBCP
(SY) cis–dichlorobis(cyclopropylamine)platinum II
(HM) *ORGANOPLATINUM COMPOUNDS
(PA) ANTINEOPLASTIC AGENTS
(NO) RN given refers to (SP–4–2)–isomer; RN for cpd without isomeric designation not in Chemline 7/19/83

dichlorobis(eta(5)–cyclopentadienyl)titanium(IV) see titanocene dichloride

1,1–dichloro–2,2–bis(p–ethylphenyl)ethane see perthane

dichlorobis(glycylglycine ethyl ester) platinum II
(RN) 60426–60–0
(RR) 39680–31–4 ((SP–4–1)–isomer)
(SY) cis–dichlorobis(glycylglycine ethyl ester) platinum II
(HM) CISPLATIN/*analogs
(PA) ANTINEOPLASTIC AGENTS
(NO) RN given refers to (SP–4–2)–isomer; RN for cpd without isomeric designation not in Chemlie 7/20/83; structure in first source

cis–dichlorobis(glycylglycine ethyl ester)platinum II see dichlorobis(glycylglycine ethyl ester)platinum II

dichlorobis(1–(2–hydroxyethyl)–2–methyl–5–nitroimidazole)platinum (II)
(RN) 84151–71–3
(SY) cis–dichloro–bis(1–(2–hydroxyethyl)–2–methyl–5–nitroimidazole)platinum (II)
(SY) FLAP
(HM) *ORGANOPLATINUM COMPOUNDS
(HM) METRONIDAZOLE/*analogs
(PA) RADIATION–SENSITIZING AGENTS
(NO) structure given in first source

cis–dichloro–bis(1–(2–hydroxyethyl)–2–methyl–5–nitroimidazole)platinum (II) see dichlorobis(1–(2–hydroxyethyl)–2–methyl–5–nitroimidazole)platinum (II)

(–)–dichloro(1,2–bis(4–hydroxyphenyl)ethylenediamine) platinum (II) see dichloro(1,2–bis(4–hydroxyphenyl)ethylenediamine) platinum II

dichloro(1,2–bis(4–hydroxyphenyl) ethylenediamine)platinum II
(RN) 91265–66–6
(RR) 91326–61–3 ((+–)–isomer)
(RR) 91326–62–4 ((+)–isomer)
(RR) 91326–63–5 ((–)–isomer)
(SY) DCHPEP II
(SY) (–)–dichloro(1,2–bis(4–hydroxyphenyl) ethylenediamine)platinum (II)
(HM) *ORGANOPLATINUM COMPOUNDS
(PA) ANTINEOPLASTIC AGENTS
(NO) (–)–isomer most active on the growth of hormone dependent human MCF7 & MDA–MB231 breast cancer cell lines, ADJ/PC6 plasmacytoma of the Balb/C mouse & L5222 leukemia of the BDIX rat; RN & RRs from first source; RN given refers to (meso)–isomer; RN not in Chemline 11/84; structure given in first source

cis–dichlorobis(isopropylamine)trans– dihydroxyplatinum IV see dichlorobis(isopropylamine)dihydroxyplatinum IV

dichlorobis(isopropylamine) dihydroxyplatinum IV
(RN) 83291–20–7
(RR) 62928–11–4 ((OC–6–33)–isomer)
(SY) CHIP
(SY) cis–dichlorobis(isopropylamine)trans–dihydroxyplatinum IV
(SY) iproplatin
(SY) JM9
(HM) *ORGANOPLATINUM COMPOUNDS
(PA) ANTINEOPLASTIC AGENTS
(NO) RN given refers to cpd without isomeric designation

dichlorobis(1–phenyl–1,3–butanedionato) titanium (IV)
(RN) 53479–23–5
(SY) Ti–BZAC–Cl2
(HM) *ORGANOMETALLIC COMPOUNDS
(HM) *TITANIUM
(PA) ANTINEOPLASTIC AGENTS
(NO) see also record for dihalogen cpd

dichlorobromomethane see bromodichloromethane

O–(2,5–dichloro–4–bromophenyl)–O–methylphosphonate see leptophos oxon

1,4–dichloro–2–butene
(RN) 764–41–0
(RR) 11069–19–5 (cpd with unspecified locants)
(RR) 1476–11–5 ((Z)–isomer)
(RR) 31423–92–4 (cpd with unspecified locants)
(RR) 110–57–6 ((E)–isomer)
(HM) *HYDROCARBONS, CHLORINATED
(NO) RN given refers to parent cpd without isomeric designation; structure

3,4–dichloro–1–butene
(RN) 760–23–6
(RR) 64037–54–3 ((+–)–isomer)
(HM) *HYDROCARBONS, CHLORINATED
(NO) RN given refers to cpd without isomeric designation

dichloro(2–chlorovinyl)arsine see lewisite

dichloro–1,2–diaminocyclohexane platinum complex
(RN) 52691–24–4
(RR) 61848–66–6 ((SP–4–2(1R–trans))–isomer)
(RR) 61848–62–2 ((SP–4–2(1S–trans))–isomer)
(RR) 61848–70–2 ((SP–4–3(cis))–isomer)
(RR) 38780–40–4 ((SP–4–2(trans))–isomer)
(SY) Pt 155
(SY) 1,2–diaminocyclohexane platinum(II) chloride
(SY) dichloro(1,2–diaminocyclohexane)platinum (II)
(SY) 1,2–diaminocyclohexanedichloroplatinum(II)
(HM) *ORGANOPLATINUM COMPOUNDS
(PA) ANTINEOPLASTIC AGENTS
(NO) RN given refers to (SP–4–2)–isomer

dichloro(1,2–diaminocyclohexane)platinum (II) see dichloro–1,2–diaminocyclohexane platinum complex

N–(3,5–dichloro–4–((2,4–diamino–6–pteridinyl)methyl) methyl)methylaminobenzoylglutamic acid see 3',5'–dichloromethotrexate

trans–dichlorodiammineplatinum II see transplatin

1,6–dichloro–1,6–dideoxy–beta–D–fructofuranosyl–4–chloro–4–deoxy–alpha–D–galactopyranoside see trichlorosucrose

1,6–dichloro–1,6–dideoxysucrose see 1,6–dichlorosucrose

2,2'–dichlorodiethyl ether see bis(2–chloroethyl)ether

dichlorodifluoromethane see freon–12

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1,3-dichloro-6,7-dihydro-5H-dibenz(b,g)-1,4-oxazocine
(RN) 93565-45-8
(SY) 1,3-DHDO
(HM) *OXAZOCINES
(PA) ANTI-INFLAMMATORY AGENTS
(NO) RN & structure given in first source; RN not in Chemline 3/85

6,7-dichloro-1,5-dihydroimidazo(2,1-b)quinazolin-2(3H)-one.HCl see anagrelide

3',5'-dichloro-2,4'-dihydroxybenzanilide see SD 170

cis-dichlorodihydroxydiamminoplatinum see diamminedichlorodihydroxyplatinum IV

5,7-dichloro-5',6'-dihydroxy-6'-methoxy-4-methyl-3,4-dioxospiro(benzofuran-2(3H)-1'-(2,5)-cyclohexadiene)-2-carboxylic acid methyl ester see gillusdin

1,3-dichloro-5,5-dimethylhydantoin
(RN) 118-52-5
(SY) dantoin
(SY) dichlorantin
(HM) *HYDANTOINS

3,5-dichloro-N-(1,1-dimethyl-2-propynyl)benzamide see pronamide

dichlorodimethylsilane
(RN) 75-78-5
(SY) dimethyldichlorosilane
(SY) DMDCS
(HM) *SILANES

4,4'-dichlorodiphenyl sulfone
(RN) 80-07-9
(RR) 1333-14-8 (cpd with unspecified locants)
(SY) 4,4-dichlorophenylsulfone
(HM) *SULFONES

dichloro(1,2-ethanediamine-N,N')platinum see platinum ethylenediamine dichloride

1,2-dichloroethane see ethylene dichloride

4-di(2-chloroethyl)aminophenacetyl-4-aminobenzoic acid see pafencil

p-(di-2-chloroethyl)aminophenol see hydroxyaniline mustard

N-(p-di(2-chloroethyl)aminophenylbutyryl)-p-aminobenzoic acid see Ts-72

O-4-di(2-(chloroethyl)aminophenyl)-D,L-tyrosine see phentyrin

cis-dichloro(ethylenediamine)platinum II see platinum ethylenediamine dichloride

1,1-dichloroethylene see vinylidene chloride

1,2-dichloroethylene
(RN) 540-59-0
(RR) 25323-30-2 (cpd with unspecified locants)
(RR) 156-60-5 ((E)-isomer)
(RR) 156-59-2 ((Z)-isomer)
(HM) *DICHLOROETHYLENES
(NO) RN given refers to cpd without isomeric designation

N,N'-di-(2-chloroethyl)phosphorodiamidic acid see isophosphamide mustard

4',6-dichloroflavan
(RN) 73110-56-2
(SY) BW683C
(HM) *FLAVONES
(PA) ANTIVIRAL AGENTS
(NO) antirhinovirus cpd; structure given in first source

2',7'-dichlorofluorescein diacetate see diacetyldichlorofluorescein

2',7'-dichlorofluorescein
(RN) 76-54-0
(RR) 80471-69-8 (di-Na salt)
(HM) *FLUORESCEINS
(NO) RN given refers to parent cpd

N-(dichlorofluoromethyl)thio)-N',N'-dimethyl-N-phenylsulfamide see dichlofluanid

((6,7-dichloro-2-(4-fluorophenyl)-2-methyl-1-oxo-5-indanyl)oxy)acetic acid
(RN) 66015-25-6
(SY) DFMOIAA
(HM) *INDANS
(PA) ANTIHYPERTENSIVE AGENTS
(NO) structure in first source

dichloroformossina see dichloroformoxine

dichloroformoxine
(RN) 1794-86-1
(SY) dichlorophormoxine
(SY) dichloroformossina
(HM) *OXIMES
(NO) induces urticaria in humans & guinea pigs; structure given in first source

3,5-dichloro-2-hydroxybenzenesulfonic acid
(RN) 26281-43-6
(RR) 54970-72-8 (mono-Na salt)
(SY) 2-hydroxy-3,5-dichlorobenzenesulfonate
(SY) HDCBS
(SY) sodium 2-hydroxy-3,5-dichlorobenzenesulfonate
(HM) *BENZENESULFONATES
(II) INDICATORS AND REAGENTS
(NO) RN given refers to parent cpd

2,2-dichloro-N-(2-hydroxy-1-(hydroxymethyl)-2-(4-nitrosophenyl)ethyl)acetamide see nitrosochloramphenicol

2,2-dichloro-4'-hydroxy-N-methylacetanilide 2-furoate see diloxanide furoate

6-(2-(2,4-dichloro-6-hydroxyphenyl)ethyl)-3,4,5,6-tetrahydro-4-hydroxy-2H-pyran-2-one
(SY) DCHPEPO
(HM) *PYRONES
(PA) HYDROXYMETHYLGLUTARYL COA REDUCTASES/antag
(NO) structure given in first source

dichlorohydroxyquinoline see chloroxine

3,4-dichloroisocoumarin
(RN) 51050-59-0
(SY) 3,4-DCL
(HM) *COUMARINS
(PA) PROTEASE INHIBITORS
(NO) serine protease inhib; RN given from first source; RN not in Chemline 9/85

dichloroisocyanuric acid see troclosene

1,3-dichloroisopropyl alcohol see 1,3-dichloro-2-propanol

dichloroketene
(RN) 4591-28-0
(HM) *DICHLOROETHYLENES
(NO) structure given in first source

4',4'-dichloromercuric-2,2,2',2'-bistilbene tetrasulfonic acid
(SY) DCMBT
(HM) *STILBENES
(HM) *ORGANOMERCURY COMPOUNDS
(NO) stilbene anion transport inhibitor & mercuric water transport inhibitor; structure given in first source

dichloromethane dehalogenase
(RN) EC 4.5.-
(HM) *LYASES
(NO) glutathione-dependent; forms formaldehyde & 2HCl; does not use water in the same way as a hydrolase

3,5-dichloromethotrexate see 3',5'-dichloromethotrexate

3',5'-dichloromethotrexate
(RN) 528-74-5
(SY) NSC 29630
(SY) N-(3,5-dichloro-4-((2,4-diamino-6-pteridinyl)methyl)methyl)methylaminobenzoylglutamic acid
(SY) 3,5-dichloromethotrexate
(HM) METHOTREXATE/*analogs
(PA) ANTINEOPLASTIC AGENTS
(PA) FOLIC ACID ANTAGONISTS
(NO) structure

(2,3-dichloro-4-methoxy)-2-phenylfuryl O-(diethylaminoethyl) ketone oxime monomethanesulfonate see ANP 4364

2-(dichloromethyl)benzimidazole
(RN) 5466-57-9
(SY) 2-DCMBI
(HM) *BENZIMIDAZOLES

4,5-dichloro-1,2-methylenedioxybenzene
(RN) 6120-31-6
(SY) 4,5-DCMDB
(HM) *DIOXOLANES
(NO) structure given in first source

2-(2,3-dichloro-6-methylphenylimino)imidazolidine
(RN) 82801-84-1
(SY) DCMPI
(HM) CLONIDINE/*analogs
(PA) ADRENERGIC ALPHA RECEPTOR AGONISTS
(PA) ANTIHYPERTENSIVE AGENTS

3,4-dichloro-N-methyl-N-(2-(1-pyrrolidinyl)cyclohexyl) benzeneacetamide, monohydrochloride, trans-(+-) see U 50488H

dichloromethylvinylsilane
(RN) 124-70-9
(SY) methylvinyldichlorosilane
(SY) MVDCS
(HM) *SILANES

2,3-dichloro-1,4-naphthoquinone see dichlone

1,2-dichloro-4-nitrobenzene
(RN) 99-54-7
(HM) *NITROBENZENES

2,3-dichloro-7-nitro-dibenzo-p-dioxin see 2,3-dichloro-7-nitrodibenzo-4-dioxin

2,3-dichloro-7-nitrodibenzo-4-dioxin
(RN) 71721-78-3
(SY) 2,3-dichloro-7-nitro-dibenzo-p-dioxin
(SY) 2,3-DNBD
(HM) *DIOXINS
(PA) MUTAGENS

2,6-dichloro-4-nitrophenol
(RN) 618-80-4
(HM) *NITROPHENOLS

3,4-dichloronitrosopiperidine
(RN) 57541-72-7
(HM) *NITROSAMINES
(PA) CARCINOGENS

7-(2-(3,5-dichloro-4-oxo-1-pyridyl)acetamido)-3-(5-methyl-1,3,4-thiadiazol-2-ylthiomethyl)-3-cephem-4-carboxylic acid see cefazedone

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2,4–dichlorophenol hydroxylase
(RN) EC 1.14.13.–
(SY) 2,4–dichlorophenol 6–monooxygenase
(HM) *HYDROXYLASES
(NO) NADPH–dependent; forms 3,5–dichlorocatechol

dichlorophenolindophenol reductase
(RN) EC 1.6.99.–
(SY) DCIP reductase
(SY) NADPH–2,6–dichlorophenolindophenol reductase
(SY) NADH–dichlorophenolindophenol oxidoreductase
(HM) *QUINONE REDUCTASES
(NO) involved in redox reactions culminating in superoxide production

2,4–dichlorophenol 6–monooxygenase see 2,4–dichlorophenol hydroxylase

2,4–dichlorophenol
(RN) 120–83–2
(RR) 50884–30–5 (K salt)
(RR) 3757–76–4 (Na salt)
(RR) 85675–45–2 (14C–labeled cpd with unspecified locants)
(RR) 25167–81–1 (cpd with unspecified locants)
(HM) *CHLOROPHENOLS
(NO) RN given refers to unlabeled parent+ cpd; structure

2,6–dichlorophenol
(RN) 87–65–0
(RR) 85675–45–2 (14C–labeled cpd with unspecified locants)
(RR) 25167–81–1 (cpd with unspecified locants)
(HM) *CHLOROPHENOLS
(NO) RN given refers to unlabeled cpd

3,4–dichlorophenol
(RN) 95–77–2
(RR) 83700–00–9 (duplicate RN)
(RR) 25167–81–1 (cpd with unspecified locants)
(HM) *CHLOROPHENOLS

2,4–dichlorophenoxyacetic acid dimethylamine see 2,4–D amine

2,4–dichlorophenoxyacetic acid monooxygenase
(RN) EC 1.13.–
(SY) 2,4–D monooxygenase
(HM) *OXYGENASES
(NO) forms 2,4–dichlorophenol

2–(3,4–dichlorophenoxy)–5–nitrobenzonitrile see MDL 860

2–(2,4–dichlorophenoxy)phenylacetic acid see fenclofenac

2–(2,4–dichlorophenoxy)propionic acid see dichlorprop

1–(2,5–dichlorophenoxy)–3–tertiary–butylamino–2– propanol see tobanum

2–(3,4–dichlorophenylaminoanilino)quinolizinium bromide see nolinium bromide

2,4–dichlorophenyldiazonium see 2,4–dichlorobenzenediazonium

4–(2,3–dichlorophenyl)–1,4–dihydropyridine–2,6– dimethyl 3–ethyl–5–methyl–dicarboxylate see felodipine

cis–3–(3,4–dichlorophenyl)–2–(N,N–dimethylamino) methylbicyclo(2.2.2)octane.HCl see LR 5182

1–(2,4–dichlorophenyl)–4–dimethylaminomethyl–1–nonen–3–one
(RN) 69489–28–7
(RR) 51469–46–6 (HCl(E)–isomer)
(SY) DPDMAMNO.HCl
(HM) *DIMETHYLAMINES
(NO) RN given refers to HCl; RN for parent cpd not in Chemline 8/84; structure given in first source

(3,5–dichlorophenyl)–1,2–dimethylcyclopropane–1,2–dicarboximide see procymidone

1–((2–(2,4–dichlorophenyl)–1,3–dioxolan–2–yl)methyl) 1H–1,2,4–triazole see azaconazole

3,4–dichlorophenylethanolamine
(RN) 3567–82–6
(RR) 4899–00–7 ((+–)–isomer)
(RR) 3672–26–2 (HCl)
(RR) 10465–63–1 (former CAS registry number)
(SY) DCPE
(HM) *ETHANOLAMINES
(NO) RN given refers to parent cpd without isomeric designation

5–((2',6'–dichlorophenyl)hydroxymethyl)–6–methyl–4,5–dihydro(2H)–3–pyridazinone
(RN) 91478–09–0
(SY) DCPHMP
(HM) *PYRIDAZINES
(NO) RN given from Toxline for ((+–)–erythro)–isomer; RN not in Chemline 7/85; structure given in first source

(Z)–1–(2,4–dichlorophenyl)–2–(1H–imidazol–1–yl)–O–(2, 4–dichlorobenzyl) ethanone oxime nitrate see oxiconazole

cis–1–(4–(2–(2,4–dichlorophenyl)–2(1H–imidazol–1–ylmethyl)–1,3–dioxolan–4–ylmethoxy)phenyl)piperazine see R 39519

2–(3,4–dichlorophenyl)–3–((1–methylethyl)amino) bicyclo(2.2.2)octan–2–ol monomethanesulfonate see cilobamine

3–(3,4–dichlorophenyl)–N–methyl–1–indanamine HCl see Lu 19005

3–(3,5–dichlorophenyl)–5–methyl–5–vinyl–1,3–oxazolidine–2,4–dione see vinclozolin

1,3–dichlorophenyl–p–nitrophenyl ether see nitrofen

2,4–dichlorophenyl–4–nitrophenyl ether see nitrofen

2–(2,6–dichlorophenyloxy)–2–imidazoline see ST 1966

2,4–dichloro–6–phenylphenoxyethylamine
(RN) 1422–18–0
(RR) 20625–62–1 (HBr)
(RR) 4673–58–9 (HCl)
(HM) *POLYCHLOROBIPHENYL COMPOUNDS
(NO) RN given refers to parent cpd; structure

2,5–dichlorophenyl phosphorodichloridothioate
(SY) DCPPDCT
(HM) *THIOPHOSPHORIC ACID ESTERS
(II) INDICATORS AND REAGENTS
(NO) structure given in first source

3,4–dichlorophenylpropenoyl isobutylamide see 3,4–dichlorophenyl propenylisobutylamide

3,4–dichlorophenyl propenylisobutylamide
(RN) 82351–05–1
(SY) 3,4–dichlorophenylpropenoyl isobutylamide
(SY) anticonvulsant 7903
(HM) *PROPIONATES
(PA) ANTICONVULSANTS
(NO) structure given in first source

1–((2–(2,4–dichlorophenyl)–4–propyl–1,3–dioxolan–2–yl) methyl)–1H–1,2,4–triazole see propiconazole

N–(3,5–dichlorophenyl)succinimide
(RN) 24096–53–5
(HM) *SUCCINIMIDES
(PA) FUNGICIDES, INDUSTRIAL
(NO) nephrotoxic; post–treatment enhanced induction of renal cell tumors in rats by dimethylnitrosamine, pre–treatment inhibited induction of tumors, & alone caused interstitial nephritis but no tumors

4,4–dichlorophenylsulfone see 4,4'–dichlorodiphenyl sulfone

1–((2,6–dichlorophenyl)thio)–4,5–dihydro–1H–imidazole see ST 1967

1–(4–((2–(2,4–dichlorophenyl)–2–(1H–1,2,4–triazol–1–ylmethyl)–1,3–dioxolan–4–yl)methoxy)phenyl)–4–(1–methylethyl)piperazine see terconazole

dichlorophormoxine see dichloroformoxine

dichlorophosphonoazo III
(RN) 1914–99–4
(HM) *AZO COMPOUNDS
(II) DYES
(NO) structure

3,6–dichloropicolinic acid see Dowco 290

dichloroprop see dichlorprop

1,2–dichloropropane see propylene dichloride

1,3–dichloro–2–propanol
(RN) 96–23–1
(RR) 26545–73–3 (cpd with unspecified locants)
(SY) glycerol 1,3–dichlorohydrin
(SY) 1,3–dichloroisopropyl alcohol
(HM) *ALPHA–CHLOROHYDRIN/analogs
(PA) MUTAGENS
(II) CROSS–LINKING REAGENTS
(NO) RN given refers to cpd with specified locants

1,3–dichloropropene oxide see 2–chloro–3–(chloromethyl)oxirane

1,3–dichloropropene see 1,3–dichloro–1–propene

1,3–dichloro–1–propene
(RN) 542–75–6
(RR) 26952–23–8 (cpd with unspecified chlorine locants)
(RR) 10061–02–6 ((E)–isomer)
(RR) 10061–01–5 ((Z)–isomer)
(SY) 1,3–dichloropropene
(HM) *ALLYL COMPOUNDS
(PA) INSECTICIDES, ORGANOCHLORINE
(NO) soil fumigant; RN given refers to cpd without isomeric designation; structure

2,3–dichloro–1–propene
(RN) 78–88–6
(RR) 26952–23–8 (cpd with unspecified chlorine locants)
(SY) 2,3–DCP
(HM) *ALLYL COMPOUNDS
(PA) INSECTICIDES, ORGANOCHLORINE
(PA) NEMATOCIDES
(NO) soil fumigant

cis–dichloro(propylenediamine)platinum II see platinum propylenediamine dichloride

1,3–dichloropyrene
(HM) *PYRENES
(PA) MUTAGENS
(NO) structure given in first source

1,6–dichloropyrene
(HM) *PYRENES
(PA) MUTAGENS
(NO) structure given in first source

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1,8-dichloropyrene
(HM) *PYRENES
(PA) MUTAGENS
(NO) structure given in first source

dichloroquine see chloroxine

dichloroquinonechlorimide see N,2,6-trichloro-4-benzoquinone imine

2,6-dichloroquinone chloroimide see N,2,6-trichloro-4-benzoquinone imine

dichlororibofuranosylbenzimidazole 2'-monophosphate see 5,6-dichloro-1-beta-ribofuranosylbenzimidazole 2'-phosphate

1,6-dichlorosucrose
(RN) 61854-83-9
(SY) 1,6-dichloro-1,6-dideoxysucrose
(HM) SUCROSE/*analogs
(NO) RN given refers to (alpha-D,beta-D)-isomer; RN for cpd without isomeric designation not in Chemline 11/15/83

8,9-dichloro-2,3,4,5-tetrahydro-1H-2-benzazepine hydrochloride see LY 134046

7,8-dichloro-1,2,3,4-tetrahydroisoquinoline see SK&F 64139

dichlorotetrakis(dimethyl sulfoxide) ruthenium II
(RN) 11070-19-2
(RR) 64376-67-6 ((S)-(OC-6-22)-isomer)
(SY) cis-dichlorotetrakis(dimethyl sulfoxide) ruthenium II
(SY) RuCl2(DMSO)4
(SY) cis-RuCl2(DMSO)4
(HM) *RUTHENIUM
(HM) *ORGANOMETALLIC COMPOUNDS
(PA) ANTINEOPLASTIC AGENTS
(NO) RN given refers to parent cpd without isomeric designation,

cis-dichlorotetrakis(dimethyl sulfoxide)ruthenium II see dichlorotetrakis(dimethyl sulfoxide)ruthenium II

1,1-dichloro-2,2,3,3-tetramethylcyclopropane
(RN) 3141-45-5
(SY) DCTMCP
(HM) *CYCLOPROPANES
(NO) structure given in first source

5-((4,6-dichloro-1,3,5-triazin-2-yl) amino)fluorescein
(RN) 51306-35-5
(RR) 68425-77-4 (di-HCl)
(RR) 21811-74-5 (mono-HCl)
(SY) DTAF
(HM) *FLUORESCEINS
(II) FLUORESCENT DYES
(NO) RN given refers to parent cpd

4,6-dichloro-7-(2,4,5-trichlorophenoxy)-2-trifluoromethylbenzimidazole
(RN) 63405-99-2
(RR) 71036-37-8 (cpd with unspecified chlorine & fluorine locants)
(SY) DTTB
(HM) *BENZIMIDAZOLES
(PA) INSECTICIDES
(II) INSECT REPELLENTS
(NO) mothproofing agent; structure given in first source; RN given refers to parent cpd with specified chlorine & fluorine locants

4,4'-dichloro-3-(trifluoromethyl)carbanilide see cloflucarban

1,3-dichloro-6-trifluoromethyl-9-phenanthryl-3-(n-butyl)aminopropanol
(RN) 69756-48-5
(SY) DCTFMP
(HM) *PHENANTHRENES
(PA) ANTIMALARIALS
(NO) structure given in first source

1-(1,3-dichloro-6-trifluoromethyl-9-phenanthryl)-3-di (n-butyl)aminopropanol HCl see WR 171,669

S-(1,2-dichlorovinyl)cysteine
(RN) 627-72-5
(RR) 13419-46-0 (L-Cys(E)-isomer)
(HM) CYSTEINE/*analogs
(NO) RN given refers to (L-Cys)-isomer; RN for cpd without isomeric designation not in Chemline 1/13/84; structure given in first source

S-(1,2-dichlorovinyl)glutathione
(HM) GLUTATHIONE/*analogs

dichlorprop
(RN) 120-36-5
(RR) 39104-30-8 (Na salt)
(RR) 15165-69-2 ((S)-isomer)
(RR) 15165-67-0 ((R)-isomer)
(RR) 7547-66-2 ((+-)-isomer)
(RR) 5746-17-8 (K salt)
(SY) dichloroprop
(SY) 2-(2,4-dichlorophenoxy)propionic acid
(HM) 2,4-DICHLOROPHENOXYACETIC ACID/*analogs
(NO) RN given refers to parent cpd without isomeric designation; structure

dichlorquinazine
(RN) 10547-40-7
(HM) *PIPERAZINES
(PA) ANTIMALARIALS

dichlozolinate
(RN) 72391-46-9
(HM) *OXAZOLES
(PA) FUNGICIDES, INDUSTRIAL
(NO) structure given in first source

dicholine see dicolin

dichromic acid see chromic acid

dicitraconylinsulin, glycine(A1)phenylalanine(B1)- see insulin, dicitraconyl Gly(A1)Phe(B1)-

dicitraconylinsulin, Gly(A1)Phe(B1)- see insulin, dicitraconyl Gly(A1)Phe(B1)-

diclofensine
(RN) 67165-56-4
(RR) 79234-32-5 (HCl)
(SY) Ro 8-4650
(HM) *ISOQUINOLINES
(PA) ANTIDEPRESSIVE AGENTS
(NO) RN given refers to parent cpd(+-)-isomer; RN for cpd without isomeric designation not in Chemline 7/20/83; structure given in first source

diclofop-methyl see dichlorfop-methyl

diclofurime see ANP 4364

diclondazolic acid see lonidamine

diclonium bromide
(RN) 45759-33-9
(SY) 2-(3,4-dichloroanilino)quinolizinium bromide
(SY) EU-2972
(HM) *QUINOLIZINES
(PA) ANTISPASMODICS
(PA) GASTROINTESTINAL AGENTS
(NO) structure

dicloran see dichloran

di-CMM see 6,6'-di-O-corynomycoloyl-alpha-mannopyranosyl-alpha-mannopyranoside

dicobalt edetate see cobalt-ethylenediamine tetraacetic acid chelate

dicolin
(RN) 382-82-1
(SY) dicholine
(SY) dicolinium
(SY) dicolinium iodide
(SY) 2-(2-(N,N-diethyl-N-methylammonio) ethoxycarbonyl)-1,1,6-trimethylpiperidinium dihydroxide
(HM) *PIPECOLIC ACIDS
(HM) CHOLINE/*analogs
(NO) RN given refers to diiodide; RN for parent cpd not in Chemline 7/20/83; structure

dicolinium see dicolin

dicolinium iodide see dicolin

diconal
(RN) 76391-75-8
(HM) *CYCLIZINE
(HM) METHADONE/*analogs
(HM) DRUG COMBINATIONS
(PA) ANALGESICS
(PA) ANALGESICS, ADDICTIVE
(NO) contains 10 mg dipipanone.HCl & 30 mg cyclizine.HCl

6,6'-di-O-corynomycoloyl-(alpha-D-galactopyranosyl-alpha-D-galactopyranoside see 6,6'-di-O-corynomycolyl galactopyranosyl- galactopyranoside

6,6'-di-O-corynomycoloyl-alpha-mannopyranosyl-alpha-mannopyranoside
(SY) di-CMM
(SY) 6,6'-di-O-corynomycoloyl-alpha-D-mannopyranosyl-alpha-D-mannopyranoside
(HM) *DISACCHARIDES
(NO) cord factor analog; structure

6,6'-di-O-corynomycoloyl-alpha-D-mannopyranosyl-alpha-D-mannopyranoside see 6,6'-di-O-corynomycoloyl-alpha-mannopyranosyl-alpha-mannopyranoside

6,6'-dicorynomycolyl alpha, alpha'-trehalose see 6,6'-dicorynomycolyl trehalose

6,6'-dicorynomycolyl beta, beta'-trehalose see 6,6'-dicorynomycolyl trehalose

6,6'-di-O-corynomycolyl galactopyranosyl- galactopyranoside
(SY) 6,6'-di-O-corynomycoloyl-(alpha-D-galactopyranosyl-alpha-D-galactopyranoside
(SY) DCMGP
(HM) *CORD FACTORS
(NO) structure given in first source

6,6'-dicorynomycolyl trehalose
(SY) 6,6'-dicorynomycolyl alpha, alpha'-trehalose
(SY) DCYMT
(SY) 6,6'-dicorynomycolyl beta, beta'-trehalose
(HM) *CORD FACTORS

dicrotophos
(RN) 3735-78-2
(RR) 18250-63-0 ((Z)-isomer)
(RR) 141-66-2 ((E)-isomer)
(SY) bidrin
(SY) carbicron
(HM) *ORGANOPHOSPHORUS COMPOUNDS
(PA) INSECTICIDES, ORGANOPHOSPHATE
(NO) RN given refers to cpd without isomeric designation; structure

dictamine see dictamnine

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dictamnine
(RN) 484-29-7
(SY) 4-methoxyfuro(2,3-b)quinoline
(SY) dictamine
(HM) *ALKALOIDS
(II) CROSS-LINKING REAGENTS
(NO) crosslinks DNA in presence of ultraviolet light; structure

dictycide see cyacetacide

Dictyostelium discoideum proteinase I
(RN) EC 3.4.22.-
(SY) D. discoideum protease I
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) thiol endopeptidase

dicumyl peroxide
(RN) 80-43-3
(SY) dicumylperoxide
(HM) *PEROXIDES

dicumylperoxide see dicumyl peroxide

dicyandiamido
(RN) 461-58-5
(RR) 40529-30-4 (sulfate)
(SY) cyanoguanidine
(HM) *GUANIDINES
(NO) RN given refers to parent cpd; structure

dicyanoaurate
(RN) 14950-87-9
(RR) 31096-40-9 (NH4 salt)
(RR) 15280-09-8 (Na salt)
(RR) 13967-50-5 (K salt)
(SY) dicyanoaurate (1-)
(SY) Au(CN)(2)(-)
(HM) *CYANATES
(HM) *GOLD
(II) ANIONS
(NO) RN given refers to parent cpd

dicyanoaurate (1-) see dicyanoaurate

dicyclidine see procymidone

dicyclobutylidene
(RN) 6708-14-1
(HM) *CYCLOBUTANES
(NO) structure in first source

dicyclohexano-18-crown-6 see dicyclohexyl-18-crown-6

dicyclohexylamine
(RN) 101-83-7
(RR) 63302-14-7 (sulfate[1:1])
(RR) 4693-92-9 (HCl)
(RR) 3882-06-2 (nitrate)
(RR) 3129-91-7 (nitrite)
(RR) 68052-37-9 (phosphate[3:1])
(RR) 73254-20-3 (sulfate)
(SY) dicyclohexylamine nitrite
(SY) dicyclohexylammonium
(SY) DCHA
(HM) *CYCLOHEXYLAMINES
(PA) ENZYME INHIBITORS
(NO) potent inhibitor of spermidine synthase; RN given refers to parent cpd

dicyclohexylamine nitrite see dicyclohexylamine

dicyclohexylammonium see dicyclohexylamine

dicyclohexylcarbodiimide binding protein see dicyclohexylcarbodiimide-binding protein

dicyclohexylcarbodiimide-binding protein
(SY) DCCDBP
(SY) dicyclohexylcarbodiimide binding protein
(HM) *CARRIER PROTEINS
(NO) isolated from mitochondrial ATPase complex of beef heart

dicyclohexylcarbodiimide-binding proteolipid
(SY) DCCDBPL
(HM) *CARRIER PROTEINS
(HM) *PROTEOLIPIDS
(II) DICYCLOHEXYLCARBODIIMIDE

dicyclohexyl-18-crown-6
(RN) 16069-36-6
(SY) dicyclohexano-18-crown-6
(HM) *ETHERS, CYCLIC

trans-dicyclohexyl 2,3-epoxysuccinate see dicyclohexyl 2,3-epoxysuccinate

dicyclohexyl 2,3-epoxysuccinate
(RN) 84315-89-9
(SY) Ep-1
(SY) trans-dicyclohexyl 2,3-epoxysuccinate
(HM) *CYCLOHEXANES
(PA) PROTEASE INHIBITORS
(NO) thiol protease inhibitor; RN given refers to (trans)-isomer; RN for cpd without isomeric designation not in Chemline 7/84

dicyclohexylmethane-4,4'-diisocyanate see methylene bis(4-cyclohexylisocyanate)

dicyclohexylnitrosamine see N-nitrosodicyclohexylamine

N,N'-dicyclohexyl-4-phenylenediamine
(RN) 4175-38-6
(SY) CHPPD
(HM) *PHENYLENEDIAMINES
(II) ANTIOXIDANTS

1,3-dicyclohexylurea
(RN) 2387-23-7
(HM) UREA/*analogs
(NO) degradation product of 1-(2-chloroethyl)-3-cyclohexyl-1-nitrosourea; structure

dicyclopentadiene
(RN) 77-73-6
(HM) *INDENES
(II) WATER POLLUTANTS, CHEMICAL

dicyclopentadienyliron see ferrocene

2-(N-(dicyclopropylmethyl)amino)oxazoline see S3341

2,5-S,S-dicysteinyldopa
(RN) 57954-84-4
(HM) CYSTEINYLDOPA/*analogs
(NO) RN given refers to (R-(R*,R*))-isomer; RN for cpd without isomeric designation not in Chemline 6/84

didansylcadaverine
(RN) 55521-24-9
(HM) *CADAVERINE/analogs

di(dansyl)cystine
(RN) 18468-46-7
(SY) didansylcystine
(HM) CYSTINE/*analogs
(HM) *DANSYL COMPOUNDS
(II) FLUORESCENT DYES
(NO) fluorescent label for tropomyosin; RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 8/83

didansylcystine see di(dansyl)cystine

5,10-dideazaaminopterin
(RN) 95674-53-6
(HM) AMINOPTERIN/*analogs
(PA) ANTINEOPLASTIC AGENTS
(NO) RN & structure given in first source; RN not in Chemline 8/85

5,8-dideaza-N(10)-cyanomethylfolic acid see N(10)-(cyanomethyl)-5,8-dideazafolic acid

5,10-dideazafolic acid
(RN) 85597-18-8
(HM) FOLIC ACID/*analogs
(NO) RN & structure given in first source; RN not in Chemline 8/85

3,7-dideazaguanine
(RN) 75938-36-2
(SY) 6-amino-1H-pyrrolo(3,2-c)pyridin-4(5H)-one
(HM) GUANINE/*analogs
(PA) ANTI-INFECTIVE AGENTS
(NO) RN & structure given in first source; RN not in Chemline 1/85

5,8-dideazaisofolic acid
(RN) 56239-21-5
(SY) IAHQ
(SY) 5,8-dideazaisopteroylglutamate
(HM) *QUINAZOLINES
(PA) FOLIC ACID ANTAGONISTS
(NO) structure given in first source

5,8-dideazaisopteroylglutamate see 5,8-dideazaisofolic acid

5,8-dideazaisopteroyl triglutamate
(RN) 85344-30-5
(SY) IAHQ-3
(HM) *QUINAZOLINES
(PA) FOLIC ACID ANTAGONISTS

5,8-dideaza-N(10)propargylfolic acid see CB 3717

5,10-dideaza-5,6,7,8-tetrahydroaminopterin
(RN) 95674-54-7
(SY) 5,10-DDTAP
(HM) AMINOPTERIN/*analogs
(PA) ANTINEOPLASTIC AGENTS
(NO) RN & structure given in first source; RN not in Chemline 8/85

5,10-dideaza-5,6,7,8-tetrahydrofolic acid
(RN) 95693-76-8
(SY) 5,10-DDTF
(HM) *TETRAHYDROFOLATES
(NO) RN & structure given in first source; RN not in Chemline 8/85

6,6'-di-O-decanoyl-alpha, alpha-trehalose see SS 554

1,3-didecanoyl-2-(6-(5-fluorouracil-1-yl) carbonylamino)glyceride
(RN) 81821-86-5
(SY) DFUG
(HM) FLUOROURACIL/*analogs
(NO) triglyceride conjugate of fluorouracil; structure given in first source

1,2-didecanoylglycerol
(RN) 17863-69-3
(RR) 60514-49-0 ((S)-isomer)
(RR) 82950-64-9 ((+-)-isomer)
(HM) *DIGLYCERIDES
(NO) functions as bioregulator of protein kinase C in human platelets; RN given refers to cpd without isomeric designation

1,3-didecanoylglycerol
(RN) 17598-93-5
(RR) 53988-07-1 (cpd without locants for diester moieties)
(SY) 1,3-didecanoyl glycerol
(HM) *DIGLYCERIDES

1,3-didecanoyl glycerol see 1,3-didecanoylglycerol

di-(9-decenyl)phthalate
(SY) di-9-DP
(HM) *PHTHALIC ACIDS

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N,N-dideethylchloroquine
(RN) 4298-14-0
(RR) 4298-13-9 (sulfate)
(SY) bisdeethylchloroquine
(SY) bi(deethyl)chloroquine
(SY) CQMM
(HM) CHLOROQUINE/*analogs
(NO) RN given refers to parent cpd

dideethylflurazepam see didesethylflurazepam

7,8-didehydro-4,5 alpha-epoxy-17-methyl-3-(2-morpholinoethoxymorphinan-6 alpha-ol) see pholcodine

13,14-didehydrocarboprostacyclin see FCE 21258

7,8-didehydrocholesterol see 7-dehydrocholesterol

3,4-didehydro-9,14-diethyl-4,8,13,18-tetramethyl- 20-oxo-3-phorbinepropionic acid see phylloerythrin

13,14-didehydro-16,20-dimethyl-3-oxa-18,18,19,19-tetradehydro-6-carbaprostaglandin I2 see ZK 96480

13,14-didehydro-matridin-15-one see sophocarpine

13,14-didehydro-20-methylcarbo-PGI2 see FCE 21292

13,14-didehydro-20-methylcarboprostacyclin see FCE 21292

didehydro-4-methyl-5-phenyl-1,3,4-thiadiazolidine-2- thione see Lu 2443

1,2-didehydropipecolate reductase
(RN) EC 1.5.1.14
(SY) P2C reductase
(SY) delta 1-piperideine-2-carboxylate reductase
(HM) *AMINE OXIDOREDUCTASES

di(delta-(5-nitro-2-pyrimidyl)ornithine) (17,18))glucagon
(RN) 84012-85-1
(SY) NP-glucagon
(HM) GLUCAGON/*analogs
(NO) two arginine residues in 17 & 18 position of glucagon are replaced by delta-(5-nitro-2-pyrimidyl)ornithine residues

2,14-di-(demethoxy)-2-glucosidoxy-14- methylthiocolchicine see thiocolchicoside

didemethylchlordimeform see N,N-didemethylchlordimeform

N,N-didemethylchlordimeform
(RN) 57151-04-9
(SY) DDCDM
(SY) didemethylchlordimeform
(HM) *CHLORPHENAMIDINE/analogs
(PA) INSECTICIDES

N,N-didemethylchlorpheniramine
(RN) 20619-13-0
(RR) 77162-80-2 ((S)-isomer)
(SY) DDCP
(HM) CHLORPHENIRAMINE/*analogs
(NO) metabolite of chlorpheniramine; RN given refers to cpd without isomeric designation; structure given in first source

didemethylchlorpromazine
(RN) 2095-17-2
(RR) 3763-80-2 (mono-HCl)
(RR) 55719-96-5 (mono-maleate)
(RR) 38878-77-2 (ion(1+))
(RR) 17323-08-9 (maleate)
(RR) 71931-89-0 (perchlorate ion(1+))
(SY) didesmethylchlorpromazine
(SY) gamma-(2-chlorophenothiazinyl-10)-propylamine
(SY) Cl-PPA
(SY) 2-chloro-10-(3-aminopropyl)phenothiazine
(SY) CPZSL
(HM) CHLORPROMAZINE/*analogs
(NO) RN given refers to parent cpd; structure

3,3-didemethylpiperacillin
(SY) 6-(((((4-ethyl-2,3-dioxo-1-piperazinyl(carbonyl) amino)phenylacetyl)amino)-7-oxo-4-thia-1-azabicyclo(3.2.0) heptane-2-carboxylic acid
(HM) PIPERACILLIN/*analogs
(NO) synthetic antibiotic; structure given in first source

didemnin A see didemnins

didemnin B see didemnins

didemnins
(RN) 77327-04-9
(RR) 77327-05-0 (didemnin B)
(RR) 77327-06-1 (didemnin C)
(SY) didemnin A
(SY) didemnin B
(HM) PEPTIDES, CYCLIC
(PA) ANTIVIRAL AGENTS
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(PA) IMMUNOSUPPRESSIVE AGENTS
(NO) antiviral & antitumor depsipeptides from Carribean tunicate; RN given refers to didemnin A; structure given in first source

2',3'-dideoxyadenosine triphosphate
(RN) 24027-80-3
(SY) 2',3'-dideoxy-ATP
(HM) *DEOXYADENINE NUCLEOTIDES

2',3'-dideoxyadenosine
(RN) 4097-22-7
(HM) DEOXYADENOSINE/*analogs

2',5'-dideoxyadenosine
(RN) 6698-26-6
(HM) DEOXYADENOSINE/*analogs

6,7-dideoxy-alpha-D-gluco-heptose-7-phosphonic acid
(SY) DDGHPA
(SY) 6,7-dideoxy-D-gluco-heptonic 7-phosphonic acid
(HM) *HEPTOSES
(NO) phosphonate analog of glucose 6-phosphate in which a C-CH(2)-P moiety replaces C-O-P

2',3'-dideoxy-3'-aminoadenosine
(RN) 7403-25-0
(HM) DEOXYADENOSINE/*analogs

1,2-dideoxy-D-arabino-hex-1-enopyranose see d-glucal

2',3'-dideoxy-ATP see 2',3'-dideoxyadenosine triphosphate

1,2-dideoxy-beta-D-ribofuranose see 1,2-dideoxyribofuranose

2',3'-dideoxycytidine 5'-triphosphate
(RN) 66004-77-1
(SY) 2',3'-ddCTP
(HM) *DEOXYCYTOSINE NUCLEOTIDES
(NO) inhibits vesicular stomatitis virus RNA synthesis

2,3-dideoxy-2,3-diamino-D-glucose see 2,3-diamino-2,3-dideoxyglucose

2',3'-dideoxy GDP see 2',3'-dideoxyguanosine 5'-diphosphate

6,7-dideoxy-D-gluco-heptonic 7-phosphonic acid see 6,7-dideoxy-alpha-D-gluco-heptose-7-phosphonic acid

3,6-dideoxy-4-C-(D-glycero-1-hydroxyethyl)-D-xylo-hexose see yersiniose

dideoxy GTP see 2',3'-dideoxyguanosine 5'-triphosphate

2',3'-dideoxyguanosine 5'-diphosphate
(RN) 84328-12-1
(SY) ddGDP
(SY) 2',3'-dideoxy GDP
(HM) *DEOXYGUANINE NUCLEOTIDES
(NO) supports efficient tubulin polymerization; RN from first source; RN not in Chemline 10/83

2',3'-dideoxyguanosine 5'-triphosphate
(RN) 68726-28-3
(SY) ddGTP
(SY) dideoxy GTP
(HM) *DEOXYGUANINE NUCLEOTIDES

2,4-dideoxyhexopyranose
(RN) 89401-22-9
(SY) 2,4-dideoxy-D-erythro-hexopyranose
(HM) *DEOXY SUGARS
(NO) structure given in first source

2,4-dideoxy-D-erythro-hexopyranose see 2,4-dideoxyhexopyranose

dideoxyhexose see tyvelose

1,5-dideoxy-1,5-imino-D-mannitol see deoxynojirimycin

2,6-dideoxy-3-C-methyl-lyxo-hexose see mycarose

4,6-dideoxy-2-O-methyl-3-C-methyl-4-(2'-methoxypropionamido)manno-hexopyranose see N-acylkansosamine

2,6-dideoxy-3-C-methyl-ribo-hexose see mycarose

1,2-dideoxy-1-phenyl-beta ribofuranose
(SY) 1,2-DPRF
(SY) 1,2-dideoxy-1-phenyl-beta-D-ribofuranose
(HM) DEOXYRIBOSE/*analogs
(NO) structure given in first source

1,2-dideoxy-1-phenyl-beta-D-ribofuranose see 1,2-dideoxy-1-phenyl-beta ribofuranose

1,2-dideoxyribofuranose
(SY) 1,2-DRF
(SY) 1,2-dideoxy-beta-D-ribofuranose
(HM) DEOXYRIBOSE/*analogs
(NO) structure given in first source

2,6-dideoxyribohexopyranose see digitoxose

dideoxyribonucleotides
(HM) *DEOXYRIBONUCLEOTIDES

2',3'-dideoxythymidine triphosphate
(RN) 611-60-9
(HM) *THYMINE NUCLEOTIDES

2',3'-dideoxythymidine
(RN) 3416-05-5
(HM) THYMIDINE/*analogs

O-(4,6-dideoxy-4-((1S-(1,4,6/5)-4,5,6-trihydroxy-3-hydroxymethyl-2-cyclohexen-1-yl)-amino)alpha-D-glucopyranosyl)-(1-4)-O-alpha-D-glucopyranosyl-(1-4)-D-glucopyranose see acarbose

didepil
(RN) 37335-54-9
(HM) *PROCYCLIDINE
(HM) *PHENOBARBITAL
(HM) DRUG COMBINATIONS
(NO) used in the treatment of epilepsy

di-N-desethylamiodarone
(RN) 94317-95-0
(SY) DDEA
(HM) *AMIODARONE/analogs
(NO) amiodarone metabolite in dogs; structure given in first source

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didesethylflurazepam
(RN) 17617-59-3
(RR) 19603-97-5 (di-HCl)
(SY) desalkylflurazepam
(SY) dideethylflurazepam
(SY) desdialkylflurazepam
(HM) FLURAZEPAM/*analogs
(NO) major metbolite of flurazepam; RN given refers to parent cpd

didesipramine
(RN) 2095-95-6
(RR) 3964-86-1 (HCl)
(SY) didesmethylimipramine
(HM) IMIPRAMINE/*analogs
(NO) metabolite of imipramine; RN given refers to parent cpd

didesmethylchlorpromazine see didemethylchlorpromazine

didesmethylimipramine see didesipramine

N-didesmethylpheniramine
(RN) 19428-45-6
(SY) N-DDMPA
(HM) PHENIRAMINE/*analogs
(NO) structure given in first source

1,2-didodecanoylglycerol
(RN) 17598-94-6
(RR) 59540-17-9 (racemic mixture)
(RR) 60562-15-4 ((S)-isomer)
(RR) 27638-00-2 (cpd with unspecified locants for glycerol moieties)
(SY) 1,2-dilaurin
(SY) rac-1,2-didodecanoylglycerol
(SY) 2,3-dilauroyl-D-glycerol
(HM) *DIGLYCERIDES
(NO) RN given refers to cpd without isomeric designation

didodecyldimethylammonium
(RN) 13146-86-6
(RR) 3401-74-9 (chloride)
(RR) 3282-73-3 (bromide)
(SY) didodecyldimethylammonium acetate
(SY) didodecyldimethylammonium bromide
(HM) *AMMONIUM COMPOUNDS
(NO) RN given refers to parent cpd

didodecyldimethylammonium acetate see didodecyldimethylammonium

didodecyldimethylammonium bromide see didodecyldimethylammonium

di-9-DP see di-(9-decenyl)phthalate

didropyridine see pyrithyldione

DIDS
(RN) 53005-05-3
(HM) *SITS/analogs
(NO) structure

DIDSA see diazodiiodosulfanilic acid

dielaidinoyl lecithin see dioleoyl lecithin

dielaidoyl-glycerophosphorylcholine see dioleoyl lecithin

dielaidoylphosphatidylethanolamine
(RN) 76391-83-8
(SY) dioleoylphosphatidylethanolamine
(SY) dioleoyl cephalin
(HM) *PHOSPHATIDYLETHANOLAMINES
(NO) RN given refers to (E,E)-isomer; RN for cpd without isomeric designation not in Chemline 6/84

dielsin B
(RN) 87714-31-6
(HM) ACONITINE/*analogs
(PA) NEUROMUSCULAR BLOCKING AGENTS
(NO) from Aconitum nagarum var. heterotrichum f. dielsinum; structure similar yunaconitine (isoaconitine)

dienelactone hydrolase see carboxymethylenebutenolidase

dienestrol diacetate
(RN) 84-19-5
(HM) *DIENESTROL/analogs
(II) ESTROGENS, SYNTHETIC
(II) ESTROGENS, NONSTEROIDAL

dienogest see STS 557

dienone A
(RN) 84713-43-9
(SY) 3,5-dibromo-1-acetoxy-4-oxo-2,5-cyclohexadiene-1-acetonitrile
(HM) *ACETONITRILES

2,4-dienoyl-CoA reductase see 4-enoyl-CoA reductase (NADPH)

dien-Pt see chlorodiethylenetriamine platinum

diepoxybutane see erythritol anhydride

5,6:5',6'-diepoxy-5,5',6,6'- tetrahydro-beta-carotene-3,3'-diol see violaxanthin

8,9-DI-10,11-EP-THBA see 8,9-dihydroxy-10,11-epoxy-8,9,10,11-tetrahydrobenz(a) anthracene

diethazine see dinitramine

diethanolamine
(RN) 111-42-2
(RR) 66085-61-8 (sulfite)
(RR) 23251-72-1 (acetate salt)
(RR) 20261-60-3 (sulfate[2:1] salt)
(RR) 57117-29-0 (fumarate)
(RR) 14426-21-2 (HCl)
(RR) 59219-56-6 (sulfate[1:1])
(RR) 29870-32-4 (phosphate salt)
(RR) 66085-61-8 (sulfite[1:1])
(RR) 50909-06-3 (maleate)
(RR) 50548-27-1 (maleate[1:1])
(HM) *ETHANOLAMINES
(NO) RN given refers to parent cpd

diethanolamine dithiocarbamic acid
(RN) 1528-72-9
(RR) 23746-34-1 (mono-K salt)
(RR) 75074-70-3 (mono-NH4 salt)
(SY) DEDTC
(SY) sodium diethanolamine dithiocarbamate
(HM) *THIOCARBAMATES
(PA) ANTIDOTES
(NO) increases biliary excretion of cadmium in rats; RN given refers to parent cpd

diethibutin see thiambutene

diethion see ethion

2,2-diethoxyacetophenone
(RN) 6175-45-7
(SY) 2,2-DEAP
(HM) *ACETOPHENONES
(PA) CARCINOGENS

14-diethoxyacetoxydaunorubicin see detorubicin

(1,4-diethoxybenzene)bisatropinium dibromide
(RN) 91318-09-1
(SY) DEB-bisatropinium
(HM) *ATROPINE DERIVATIVES
(PA) MUSCLE RELAXANTS, CENTRAL
(NO) structure given in first source

1,1-diethoxy-3-(1-naphthoxy)-2-propanol
(RN) 82540-40-7
(SY) DEONOP
(HM) PROPRANOLOL/*analogs
(NO) structure given in first source

diethoxy-(1-phenyl-1,3-butanedionato) titanium (IV)
(SY) DEPBT
(HM) *ORGANOMETALLIC COMPOUNDS
(HM) *TITANIUM
(PA) ANTINEOPLASTIC AGENTS

4-(3-diethyaminopropyloxy)-7H-furo(3,2-g)(1) benzopyran-7-one HCl see 5-(3-diethylaminopropoxy)psoralen

diethylallylacetamide see novonal

N,N-diethyl-N-(2-(alpha-(tricyclo(2.2.1.0(2,6))hept-3-ylidene)benzyloxy)ethylamine.HCl see treptilamine

diethylamine
(RN) 109-89-7
(RR) 660-68-4 (HCl)
(RR) 6274-12-0 (HBr)
(RR) 14999-74-7 (perchlorate)
(RR) 26292-53-5 (sulfate)
(RR) 68109-72-8 (phosphate[1:1])
(RR) 53690-20-3 (sulfite[1:1])
(RR) 20726-63-0 (acetate)
(HM) *DIETHYLAMINES
(NO) RN given refers to parent cpd

diethylamine hydrogen sulfite
(RN) 71277-80-0
(SY) N-ethyl-N-(sulfinooxy)ethylamine
(HM) *DIETHYLAMINES
(NO) can be formed in the atmosphere from diethylhydroxylamine; structure given in first source

(4-(p-(diethylamino)-alpha-phenylbenzylidene)-2,5-cyclohexadien-1-ylidene)diethylammonium sulfate see brilliant green

(4-(4-(diethylamino)-alpha-phenylbenzylidene)-2,5-cyclohexadien-1-ylidene)diethylammonium sulfate see brilliant green

N,N-diethyl-4-aminoazobenzene see C.I. Solvent Yellow 56

4-diethylaminoazobenzene see C.I. Solvent Yellow 56

9-diethylamino-5H-benzo(a)phenoxazine-5-one see nile red

4-(diethylamino)-2-butynyl-alpha-phenylcyclohexaneglycolate see oxybutynin

1-diethylamino-3-((2,3-dimethoxy-6-amino-9-acridinyl) amino)-2-propanol see DM 119

3-diethylamino-7-dimethylaminophenoxazonium perchlorate see stella blue

3-diethylamino-7-dimethylaminophenoxazonium see stella blue

3-diethylamino-1,2-dimethylpropyl-p-isobutoxybenzoate see ganglerone

diethylaminoethanol see 2-diethylaminoethanol

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2-diethylaminoethanol
(RN) 100-37-8
(RR) 64346-24-3 (sulfate[2:1])
(RR) 30381-48-7 (Na salt)
(RR) 14426-20-1 (HCl)
(RR) 59172-99-5 (tartrate)
(RR) 39942-06-8 (14C-labeled cpd HCl)
(SY) DEAE
(SY) diethylaminoethanol
(SY) diethylethanolamine
(HM) *ETHANOLAMINES
(NO) RN given refers to unlabeled parent cpd

diethylamino-ethmozine
(SY) diethylaminoetmozin
(SY) etmozin diethylamine
(SY) diethylamino-etmozin
(SY) ethacizin
(HM) *PHENOTHIAZINES
(PA) ANTI-ARRHYTHMIA AGENTS

3-(diethylaminoethoxycarbonyl)pyridine citrate see nicametate

5-(2-(diethylamino)ethoxy)-6-(2-(diethylamino) ethoxycarbonyl)-7-oxo-7H-benzo(c)fluorene dihydrochloride see VUFB 13431

2-(2-(diethylamino)ethoxy)ethyl-2-phenylbutyrate citrate see butamirate

diethylaminoethoxyhexestrol see hexestrol bis(diethylaminoethyl ether)

4-(N,N-diethylaminoethoxy)-4'-methoxy-alpha-(4-hydroxyphenyl)-alpha-ethylstilbene see H 1285

diethylaminoethyl alpha-methyl-4-(2-methylpropyl) benzene acetate see ibuprofen diethylaminoethyl ester

N,N-diethylaminoethylamide fusaric acid see fusaric acid N,N-diethylaminoethylamide

diethylaminoethyl-4-amino-3-butoxybenzoate see benoxinate

diethylaminoethyl 2-((2,3-dimethylphenyl)amino) benzoate see mefenamic acid diethylaminoethyl ester

2-(diethylamino)ethyl ether Sephadex A50 see DEAE-Sephadex A-50

4-(2-(diethylamino)ethyl)-5-imino-3-phenyl- delta(2)-1,2,4-oxadiazoline see imolamine

(N'-(2-diethylamino)ethyl) N-(1-methylethyl)-N-(2-(phenylsulfonyl)ethyl)urea butanedioate see AHR 10718

2-(diethylaminoethyl)nicotinate citrate see nicametate

2-(2-(diethylamino)ethyl)-2-phenylglutarimide see phenglutarimide

5-diethylaminoethyl-3-phenyl-1,2,4-oxadiazole see oxolamine

1-diethylaminoethylreserpine see bietaserpine

2-(diethylaminoethyl)thioacetoxymutilin see tiamulin

diethylamino-etmozin see diethylamino-ethmozine

diethylaminoetmozin see diethylamino-ethmozine

8-((6-(diethylamino)hexyl)amino)-6-methoxy-4-methylquinoline
(RN) 57695-04-2
(RR) 5330-29-0 (di-HCl)
(SY) WR 6026
(HM) *AMINOQUINOLINES
(PA) ANTIPROTOZOAL AGENTS
(NO) RN given refers to parent cpd

6-(N,N-diethylamino)hexyl 3,4,5-trimethoxybenzoate see TMB-6

7-(3-(diethylamino)-2-hydroxypropyl)-17,21-dihydroxyajmalanium see tachmalcor

8-((4-(diethylamino)-1-methylbutyl)amino)-6-methoxyquinoline see pamaquine

N-(4-(7-diethylamino-4-methylcoumarin-3- yl)phenyl)maleimide
(RN) 76877-33-3
(SY) DEMCPM
(SY) 3-(4-maleimidylphenyl)-4-methyl-7-diethylamino coumarin
(HM) *COUMARINS
(II) FLUORESCENT DYES
(NO) structure given in first source

2-(diethylamino)-1-methylethyl cis-1- hydroxy (bicyclohexyl)-2-carboxylate see rociverine

(O-(2-(diethylamino)-6-methyl-4-pyrimidinyl) O,O-dimethylphosphorothioate lic see pirimiphos methyl

8-(N,N-diethylamino)octyl-3,4,5-trimethoxybenzoate see TMB-8

5-(3-diethylaminopropoxy)psoralen
(RN) 85079-38-5
(RR) 69187-67-3 (HCl)
(SY) 4-(3-diethyaminopropyloxy)-7H-furo(3,2-g)(1) benzopyran-7-one HCl
(SY) 5-DEAP-psoralen
(HM) *PSORALENS
(NO) binds to DNA; RN given refers to parent cpd; structure given in first source

8-(3-diethylaminopropoxy)psoralen
(RN) 85079-39-6
(RR) 69187-66-2 (HCl)
(SY) 9-(3-(diethylaminopropyloxy)-7H-furo(3,2-g)(1) benzopyran-7-one HCl
(SY) 8-DEAP-psoralen
(HM) *PSORALENS
(NO) binds to DNa; RN given refers to parent cpd; structure given in first source

1-((3-(diethylamino)propyl)amino))-9-methoxy-5,11-dimethyl-6H-pyrido(4,3-b)carbazole see BD 84

8-(3-diethylaminopropyl)-6,6-dimethyl-(2-phenyl-1H-imidazo(4,5h))isoquinoline-7,9-(6H)-dione see AR-LH31

N-(3-diethylaminopropyl)-2,2-diphenylacetamide see arpenal

3-diethylaminopropyl-o-ethylbenzilate see ethpenal

9-(3-(diethylaminopropyloxy)-7H-furo(3,2-g)(1) benzopyran-7-one HCl see 8-(3-diethylaminopropoxy)psoralen

diethylaminoreserpine see bietaserpine

diethylaminosulfur trifluoride
(RN) 38078-09-0
(SY) DAST
(HM) *DIETHYLAMINES
(HM) *FLUORINE
(II) INDICATORS AND REAGENTS
(NO) fluorinating agent for carbohydrates

N,N,-diethylbenzamide see rebemide

diethyl 4-(benzothiazol-2-yl)benzylphosphonate see fosfedil

1,2-diethyl-1,2-bis(3'-hydroxyphenyl)ethane see NSC 297170

trans-1,2-diethyl-1,3-bis(p-methoxyphenyl)-1-propene see 1,2-diethyl-1,3-bis(4-methoxyphenyl)-1-propene

1,2-diethyl-1,3-bis(p-methoxyphenyl)-1-propene see 1,2-diethyl-1,3-bis(4-methoxyphenyl)-1-propene

1,2-diethyl-1,3-bis(4-methoxyphenyl)-1-propene
(RN) 74886-24-1
(RR) 76721-91-0 ((E)-isomer)
(SY) 78-702
(SY) trans-1,2-diethyl-1,3-bis(p-methoxyphenyl)-1-propene
(SY) 1,2-diethyl-1,3-bis(p-methoxyphenyl)-1-propene
(HM) DIETHYLSTILBESTROL/*analogs
(II) CONTRACEPTIVES, ORAL
(NO) RN given refers to cpd without isomeric designation; structure given in first source

1-diethylcarbamyl-4-ethylpiperazine
(SY) 1-DECMP
(HM) DIETHYLCARBAMAZINE/*analogs
(NO) internal standard for analysis of diethylcarbamazine; structure given in first source

1,1'-diethyl-2,2'-carbocyanine chloride see quinaldine blue

diethyl N,N'-(2-chloro-5-cyano-m-phenylene)dioxamate see lodoxamide ethyl

N,N-diethyl-2-chloroethylamine
(RN) 100-35-6
(RR) 869-24-9 (HCl)
(RR) 68391-41-3 (sulfate [2:1])
(RR) 6781-39-0 (sulfate [1:1])
(SY) beta-diethylaminoethyl chloride
(HM) *DIETHYLAMINES
(II) AIR POLLUTANTS, OCCUPATIONAL
(NO) RN given refers to parent cpd

O,O-diethyl S-(2-chloro-1-phthalimidoethyl) phosphorodithioate see dialifor

diethylcyclophosphamide see N,N-diethylcyclophosphamide

N,N-diethylcyclophosphamide
(RN) 53859-37-3
(SY) diethylcyclophosphamide
(HM) CYCLOPHOSPHAMIDE/*analogs
(PA) TERATOGENS
(NO) structure given in first source

diethyldiaziridine platinum(II)
(SY) DEDA-platinum
(HM) *ORGANOPLATINUM COMPOUNDS
(HM) *AZIRIDINES
(PA) ANTINEOPLASTIC AGENTS
(NO) structure given in first source

O,O-diethyl O-(1-(2,4-dichlorophenyl)-2,2- dibromovinyl) phosphate see IPO-597

3,9-diethyl-5-(2-(diethylamino)ethoxy)-6-(2-diethylamino)ethoxycarbonyl-7-oxo-7H-benzo(c)fluorene dihydrochloride see VUFB 13371

O,O-diethyl S-(diethylaminoethyl) phosphorothiolate see tetram

diethyl 1,4-dihydro-2,6-dimethyl-1-(2-morpholinoethyl) -4-(alpha,alpha,alpha-trifluoro-2-tolyl)-3,5-pyridinedicarboxylate see flordipine

O,O-diethyl S-(2-dimethylaminoethyl) phosphorothioate see 217AO

3,3-diethyl-2,4-dioxo-5-methyl-1,2,3,4- tetrahydropyridine see 5-methylpyrithyldione

3,3-diethyl-2,4-dioxopiperidine
(HM) *PIPERIDINES
(PA) ANTITUSSIVE AGENTS

diethyldioxystilbene diphosphate see fosfestrol

diethyldioxystilbene dipropionate see diethylstilbestrol dipropionate

N,N-diethyl-N,N-diphenylthiramdisulfide see thiram EF

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diethyldithiocarbamate methyl ester see Methyl diethyldithiocarbamate

diethyldithiocarbamic acid methanethiol
(SY) DEDCMT
(HM) *DIETHYLDITHIOCARBAMATE/analogs
(PA) ALDEHYDE DEHYDROGENASE/antag
(NO) structure given in first source

N-(diethylenediamidophosphoryl)-4-aminocyclohexane carboxylic acid ethyl ester see Ts-119

diethylene glycol
(RN) 111-46-6
(HM) *ETHYLENE GLYCOLS

diethylene glycol monoethyl ether see carbitol

diethyleneimideamidothiophosphoric acid see dimatiph

diethylenetriamine
(RN) 111-40-0
(RR) 68444-11-1 (tri-HF)
(RR) 56329-47-6 (diacetate)
(RR) 21120-99-0 (HCl)
(RR) 3488-89-9 (mono-HCl)
(HM) *POLYAMINES
(NO) RN given refers to parent cpd

diethylenetriamine N-hydroxysuccinimide pentaester
(SY) DTPA N-hydroxysuccinimide pentaester
(SY) DTPA-HSP
(HM) DTPA/*analogs
(NO) structure given in first source

diethylenetriaminepenta (methylenephosphonic) acid
(RN) 15827-60-8
(RR) 22042-96-2 (unspecified Na salt)
(RR) 52871-36-0 (unspecified Ca.Na salt)
(RR) 60311-54-8 (di-Ca.Na salt[1:2:1])
(RR) 65445-58-1 (unspecified Ca salt)
(RR) 69490-25-1 (Ca.octa-Na salt[1:1:8])
(RR) 69490-26-2 (di-Ca.hexa-Na salt[1:2:6])
(RR) 70714-66-8 (unspecified NH4 salt)
(SY) DTPMT
(HM) *ORGANOPHOSPHORUS COMPOUNDS
(NO) RN given refers to parent cpd; used with 113mIn for bone scanning

diethylenetriaminopentamethylphosphonic acid see DTPP

diethylethanolamine see 2-diethylaminoethanol

diethyl (ethoxymethylene)malonate
(RN) 87-13-8
(HM) *MALONATES
(II) ADJUVANTS, PHARMACEUTICAL

2,2'''-((1,2-diethylethylene)bis(p-phenyleneoxy))-bis (triethylamine) see hexestrol bis(diethylaminoethyl ether)

diethyl fumarate
(RN) 623-91-6
(SY) fumaric acid diethyl ester
(HM) *FUMARATES

1,7-diethylguanosine
(SY) 1,7-DEG
(HM) GUANOSINE/*analogs

di-2-ethyl-hexyl adipate see dioctyl adipate

di(2-ethylhexyl)phenylphosphate see 2-ethylhexyldiphenylphosphate

di(2-ethylhexyl)phosphate
(RN) 298-07-7
(RR) 4971-47-5 (NH4 salt)
(RR) 4971-46-4 (K salt)
(RR) 141-65-1 (Na salt)
(SY) di-2-(ethylhexyl)phosphoric acid
(HM) *PHOSPHORIC ACID ESTERS
(II) SOLVENTS
(NO) RN given refers to parent cpd

diethyl hexylphosphonate see hexylphosphonic acid diethyl ester

di-2-(ethylhexyl)phosphoric acid see di(2-ethylhexyl)phosphate

di-2-ethylhexyl sebacate
(RN) 122-62-3
(HM) *DECANOIC ACIDS
(II) AEROSOLS

diethylhexyl sodium sulfosuccinate see dioctyl sulfosuccinic acid

N,N-diethylhomocholine
(RN) 32427-94-4
(HM) CHOLINE/*analogs
(NO) RN given refers to chloride; RN for parent cpd not in Chemline 10/84

6,8-diethyl-5-hydroxychromone-2-carboxylic acid see FPL 52757

diethylhydroxylamine see N,N-diethylhydroxylamine

N,N-diethylhydroxylamine
(RN) 3710-84-7
(RR) 65293-87-0 (sulfate[1:1])
(RR) 38968-23-9 (sulfate[2:1])
(RR) 33008-17-2 (oxalate)
(RR) 13387-72-9 (oxalate[1:1])
(SY) diethylhydroxylamine
(HM) *HYDROXYLAMINES
(NO) RN given refers to parent cpd

O,O-diethyl N-hydroxynaphthalimide phosphate see naftalofos

O,O-diethyl O-(2-isopropyl-4-methylpyrimid-6-yl) phosphate see Diazoxon

diethyllead
(RN) 24952-65-6
(SY) Et2Pb(2+)
(HM) *LEAD
(NO) environmental degradation product of tetraethyllead

diethyllipoamide
(RN) 25636-59-3
(SY) diethyl-lipoamide
(HM) LIPOIC ACID/*analogs
(PA) RADIATION-PROTECTIVE AGENTS

diethyl-lipoamide see diethyllipoamide

diethyl maleate
(RN) 141-05-9
(SY) maleic acid diethyl ester
(SY) ethyl maleate
(HM) *MALEATES

diethylmalonate see diethylmalonic acid

diethylmalonic acid
(RN) 510-20-3
(SY) diethylmalonate
(HM) *MALONATES

diethylmercury
(RN) 627-44-1
(SY) diethyl mercury
(HM) *ETHYLMERCURY COMPOUNDS

diethyl mercury see diethylmercury

N,N-diethyl-N'-(1-methoxy-2-indanyl)-N'-phenyl-1,3-propanediamine see moxaprindine

2-(diethylmethylaminoethyl)-2,2-diphenylvalerate iodide see meproadifen

2-(2-(N,N-diethyl-N-methylammonio)ethoxycarbonyl)-1,1,6-trimethylpiperidinium dihydroxide see dicolin

N-diethylmethylammoniummethyl-p-(2-(N-octyloxy) benzoyl)aminobenzoate bromide see octylonium

N(4),N(4)-diethyl-2-methyl-1,4-benzenediamine see CD-2

N,N-diethyl-1-methyl-3,3-di-thienylallyl-amine see thiambutene

diethylmethylnitrosourea
(RN) 50285-72-8
(SY) nitrosomethyldiethylurea
(SY) N,N-diethyl-N'-methyl-N'-nitrosourea
(SY) 1,1-diethyl-3-methyl-3-nitrosourea
(HM) *NITROSOUREA COMPOUNDS
(PA) CARCINOGENS
(NO) structure in first source

N,N-diethyl-N'-methyl-N'-nitrosourea see diethylmethylnitrosourea

1,1-diethyl-3-methyl-3-nitrosourea see diethylmethylnitrosourea

diethylnitramine see N-nitrodiethylamine

3,3'-diethyloxadicarbocyanine iodide see 3,3'-diethyloxadicarbocyanine

3,3'-diethyloxadicarbocyanine
(RN) 14806-50-9
(RR) 41503-74-6 (perchlorate)
(SY) 3,3'-diethyloxodicarbocyanine
(SY) 3,3'-diethyloxadicarbocyanine iodide
(HM) *CARBOCYANINES
(II) FLUORESCENT DYES
(NO) RN given refers to iodide; RN for parent cpd not in Chemline 6/84

3,3'-diethyloxodicarbocyanine see 3,3'-diethyloxadicarbocyanine

O,O-diethyl O-(3-oxo-2-phenyl-2H-pyridazin-6- yl) phosphorothioate see pyridafenthion

2,2-diethyl-4-pentenamide see novonal

N,N-diethylphenylacetamide
(RN) 2431-96-1
(SY) N,N-diethyl-2-phenylacetamide
(HM) *ACETAMIDES
(II) INSECT REPELLENTS

N,N-diethyl-2-phenylacetamide see N,N-diethylphenylacetamide

2-(2,6-diethylphenylamino)-2-imidazolidine see ST 91

N,N-diethyl p-phenylenediamine see N,N-diethyl 4-phenylenediamine

N,N-diethyl 4-phenylenediamine
(RN) 93-05-0
(RR) 6283-63-2 (sulfate[1:1])
(RR) 2198-58-5 (mono-HCl)
(RR) 62637-92-7 (oxalate[2:1])
(RR) 16713-15-8 (unspecified HCl)
(RR) 6065-27-6 (unspecified sulfate)
(SY) 4-amino-N,N-diethylaniline sulfate
(SY) N,N-diethyl p-phenylenediamine
(HM) *PHENYLENEDIAMINES
(NO) RN given refers to parent cpd

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N,N-diethyl-2-((4-phenylmethyl)phenoxy) ethanamine
(SY) DEPMPE
(HM) *PHENYL ETHERS
(NO) binds with high affinity to anti-estrogen binding site; structure given in first source

1,3-diethyl-8-phenylxanthine
(RN) 75922-48-4
(SY) DEPX
(HM) *XANTHINES
(NO) structure given in first source

N,N-diethylphosphoramide
(HM) *PHOSPHORAMIDE MUSTARDS
(NO) structure given in first source

diethylphosphorocyanidate
(RN) 2942-58-7
(HM) *NITRILES
(II) INDICATORS AND REAGENTS
(NO) reagent for solid phase peptide synthesis; structure

O,O-diethyl phosphorothionate
(RN) 2465-65-8
(RR) 5871-17-0 (K salt)
(RR) 5871-16-9 (NH4 salt)
(RR) 5852-63-1 (Na salt)
(SY) DETP
(HM) *THIOPHOSPHORIC ACID ESTERS
(NO) metabolite of organothiophosphorous insecticides; structure given in first source

diethyl phthalate
(RN) 84-66-2
(HM) *PHTHALIC ACIDS
(NO) structure

diethylquinalphione see quinalphos

O,O-diethyl-O-(quinoxalinyl-(2))thionophosphate see quinalphos

O,O-diethyl-O-(quinoxalyl)phosphorothioate see quinalphos

diethylstilbestrol diphosphate see fosfestrol

diethylstilbestrol dipropionate
(RN) 37221-14-0
(RR) 130-80-3 ((E)-isomer)
(SY) diethyldioxystilbene dipropionate
(SY) diethylstilbestrol propionate
(SY) oroestron
(SY) Oestro-Gynaedron
(SY) Oestrogynaedron
(HM) DIETHYLSTILBESTROL/*analogs
(NO) RN given refers to parent cpd

diethylstilbestrol monooxygenase
(RN) EC 1.13.99-
(SY) DES monooxygenase
(HM) *OXYGENASES
(NO) catalyzes the hydroxylation of DES to form 1-hydroxy-DES

diethylstilbestrol propionate see diethylstilbestrol dipropionate

diethylstilbestrol quinone
(RN) 5664-37-9
(SY) DES quinone
(HM) DIETHYLSTILBESTROL/*analogs
(NO) postulated metabolic intermediate in diethylstilbestrol metabolism; structure given in first source

diethylsulfate see diethyl sulfate

diethyl sulfate
(RN) 64-67-5
(RR) 40321-91-3 (Sn salt)
(SY) ethyl sulfate
(SY) diethylsulfate
(HM) *SULFURIC ACID ESTERS
(PA) MUTAGENS
(PA) ALKYLATING AGENTS
(NO) RN given refers to parent cpd; structure

diethyltelluride
(RN) 627-54-3
(HM) *TELLURIUM

O,O-diethyl S((tert-butylthio)methyl) phosphorodithioate see terbufos

3,3-diethyl-1,2,3,4-tetrahydro-2,4-pyridinedione see pyrithyldione

diethylthiambutene see thiambutene

3,3'-diethylthiatricarbocyanine
(RN) 23178-68-9
(RR) 2452-76-8 (monotosylate)
(RR) 70066-45-4 (chloride)
(RR) 3071-70-3 (3H-labeled cpd iodide)
(RR) 22268-66-2 (3H-labeled cpd perchlorate)
(RR) 13502-38-0 (3H-labeled cpd bromide)
(SY) 3071-70-3
(HM) *THIAZOLES
(II) FLUORESCENT DYES
(II) CARBOCYANINES
(NO) RN given refers to 3H-labeled parent cpd

1,3-diethyl-2-thiobarbituric acid
(RN) 5217-47-0
(SY) 1,3-DETB
(HM) *THIOBARBITURATES
(NO) used in urinary test for smoking

5,5-diethyl-2-thiobarbituric acid see thiobarbital

diethyl(thio(o-(3-(p-tolylsulfonyl)ureido)phenyl) carbamoyl)phosphoramidate see uredofos

diethylthiourea
(RN) 26914-14-7
(HM) THIOUREA/*analogs

Diethyltoluamide-20
(RN) 81178-30-5
(SY) DETA-20
(HM) *DEET
(HM) *TERPENES
(HM) DRUG COMBINATIONS
(II) OINTMENTS
(II) INSECT REPELLENTS
(NO) insect repellent lotion containing diethyltoluamide, ethanol, glycerin, terpineol & water

O,O-diethyl O-3,5,6-trichloro-2-pyridyl phosphate
(RN) 5598-15-2
(SY) chlorpyrifos oxon
(HM) DURSBAN/*analogs

N,N-diethyltryptamine
(RN) 61-51-8
(RR) 63938-63-6 (mono-HCl)
(RR) 20671-78-7 (oxalate[1:1])
(HM) *TRYPTAMINES
(PA) HALLUCINOGENS
(NO) RN given refers to parent cpd

diethyxime
(RN) 41542-50-1
(SY) p-bromobenzothiohydroximic S-diethylaminoethylate
(HM) *OXIMES
(II) CHOLINESTERASE REACTIVATORS
(NO) RN given refers to HCl; RN for parent cpd not in Chemline 6/84; structure

dietosan
(HM) *PLANT EXTRACTS
(II) PLANTS, MEDICINAL
(NO) contains extract of several herbs used to treat patients with non-insulin dependent diabetes mellitus

2,3-di-exo-methylencepham
(RN) 80366-21-8
(SY) 2,3-DXME
(HM) *CEPHALOSPORINS
(NO) structure given in first source

difenacoum
(RN) 56073-07-5
(SY) Neosorexa
(HM) *4-HYDROXYCOUMARINS
(PA) RODENTICIDES
(PA) PESTICIDES
(PA) ANTICOAGULANTS

difenamide see difenpiramide

difenamizole
(RN) 20170-20-1
(RR) 27007-84-7 (mono-HCl)
(RR) 20170-21-2 (unspecified HCl)
(SY) AP 14
(SY) AP-14
(HM) *PYRAZOLES
(NO) RN given refers to paret cpd; structure

difenax see difenpiramide

difenidol see diphenidol

difenpiramide
(RN) 51484-40-3
(RR) 74476-80-5 (maleate)
(RR) 74476-78-1 (sulfate)
(RR) 51484-46-9 (mono-HCl)
(SY) difenax
(SY) difenamide
(SY) alpha-pyridylbiphenylacetamide
(SY) diphenpyramide
(HM) *ACETAMIDES
(PA) ANTI-INFLAMMATORY AGENTS
(NO) non-steroidal anti-inflammatory agent; do not confuse with herbicide diphenamid; RN given refers to parent cpd; structure

diferric transferrin
(HM) *TRANSFERRIN
(NO) transferrin which is incompletely saturated with iron

difezil see diphezyl

differenol A see genistein

differentiation antigen T(4), T lymphocyte see differentiation antigens, T lymphocyte

differentiation antigen T(5), T lymphocyte see differentiation antigens, T lymphocyte

differentiation antigens, B lymphocyte see differentiation antigens, B-lymphocyte

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differentiation antigens, B-lymphocyte
(SY) B lymphocyte differentiation antigens, human
(SY) differentiation antigens, B lymphocyte
(SY) B cell differentiation antigens
(SY) HLB-1 antigen
(SY) human B cell differentiation antigen
(SY) B2 differentiation antigen
(SY) Lyb-2
(SY) Lyb-2.1
(SY) alphaHC1
(SY) alphaHC2
(SY) hairy cell leukemia differentiation antigens
(SY) B5 activation antigen
(SY) Blast-2
(SY) EBVCS
(SY) B cell differentiation factor
(SY) BCDF
(HM) *LYMPHOKINES
(II) ANTIGENS, NEOPLASM
(II) B LYMPHOCYTES
(II) ANTIGENS, LY
(II) ANTIGENS, T-INDEPENDENT

differentiation antigens, T lymphocyte
(SY) differentiation antigen T(5), T lymphocyte
(SY) T lymphocyte differentiation antigen T(5), human
(SY) differentiation antigen T(4), T lymphocyte
(SY) T lymphocyte differentiation antigen T(4), human
(SY) T(6) diffrentiation antigen, T lymphocyte
(SY) T6 antigen
(SY) M241 thymocyte differentiation antigen
(SY) T-cell differentiation antigen Leu-2
(SY) T(8) differentiation antigen
(SY) TLDA
(SY) T4 antigen, T cell
(SY) T3 differentiation antigen
(SY) T-cell differentiation antigen Leu-7
(SY) T-cell differentiation antigen Leu-11
(SY) thymic epithelial differentiation antigen
(SY) leukocyte differentiation antigen
(SY) LYT-3.2 antigen
(SY) Leu antigens
(SY) fetal thymocyte antigen FT-1
(SY) fetal thymocyte antigen FT-2
(SY) FT-2 thymocyte antigen
(SY) Leu 3a antigen
(SY) L3T4 antigen
(SY) CD4 antigen
(SY) CD3 antigen
(SY) Leu 2 antigen
(SY) Leu 4 antigen
(SY) T8 antigen
(SY) CD3 antigen
(SY) CD8 antigen
(SY) Leu 5 antigen
(SY) T 11 antigen
(SY) CD2 antigen
(SY) CDw-18
(SY) Pgp-1 antigen
(HM) *ANTIGENS, SURFACE
(II) T-LYMPHOCYTES/immunol
(II) ANTIGENS, LY
(II) KILLER CELLS, NATURAL
(NO) glycoprotein surface antigens which appear during thymic ontogeny; associated with natural killer cell-mediated cytotoxicity

differentiation antigens, neutrophil
(SY) neutrophil DF antigen
(SY) neutrophil differentiation antigen
(HM) *ANTIGENS, SURFACE
(II) NEUTROPHILS

differentiation-stimulating factor see D-factor

diflorasone diacetate
(RN) 33564-31-7
(SY) florone
(HM) BETAMETHASONE/*analogs
(NO) RN given refers to (6alpha,11beta,16beta)-isomer; RN for cpd without isomeric designation not in Chemline 6/84; structure

diflucortolone valerate
(RN) 59198-70-8
(SY) Nerisona
(SY) Temetex
(HM) DIFLUCORTOLONE/*analogs
(NO) Rn given refers to (6alpha,11beta,16alpha)-isomer; RN for cpd without isomeric designation not in Chemline 6/84

diflumidone
(RN) 22736-85-2
(RR) 22737-01-5 (Na salt)
(SY) MBR 4164-8
(SY) R-807
(SY) 3-benzoyldifluoromethanesulfonanilide sodium
(SY) diflumidone sodium
(HM) *BENZOPHENONES
(PA) ANTI-INFLAMMATORY AGENTS
(NO) RN given refers to parent cpd; structure

diflumidone sodium see diflumidone

diflunisal glucuronide ester
(RN) 58446-30-3
(HM) *DIFLUNISAL/analogs

diflunisal glucuronide ether
(HM) *DIFLUNISAL/analogs

difluorescein disulfide
(RN) 84461-59-6
(HM) *FLUORESCEINS
(II) FLUORESCENT DYES

2,4-difluoroaniline
(RN) 367-25-9
(RR) 57491-43-7 (HCl)
(HM) *ANILINE COMPOUNDS
(NO) chemical intermediate manufactured by the Halex process; RN given refers to parent cpd; structure given in first source

2',5-difluoro-1-arabinosyluracil see
2',5-difluoro-2'-deoxy-1-arabinosyluracil

2',5-difluoro-1-arabinosyluridine monophosphate
(RN) 85894-46-8
(SY) 2',5-difluoro-2'-deoxy-1-arabinosyluridylate
(SY) FF-ara-UMP
(HM) *ARABINONUCLEOTIDES
(HM) *FLUORODEOXYURIDYLATE/analogs
(PA) ANTINEOPLASTIC AGENTS
(NO) RN given refers to 3H-labeled cpd; RN for unlabeled cpd not in Chemline 6/84; structure given in first source

4,4'-difluoro-1,2-bis(2-aminophenoxy) ethane-N,N,N',N'-tetraacetic acid
(RN) 85233-21-2
(SY) 4,4'-FBAPTA
(HM) *EGTA/analogs
(II) CHELATING AGENTS
(NO) structure given in first source

5,5'-difluoro-1,2-bis(2-aminophenoxy) ethane-N,N,N',N'-tetraacetic acid
(RN) 85233-22-3
(SY) 5,5'-FBAPTA
(HM) *EGTA/analogs
(II) CHELATING AGENTS
(NO) structure given in first source

difluorobis(1-phenyl-1,3-butanedionato) titanium (IV)
(RN) 51064-85-8
(SY) Ti-BZAC-F2
(HM) *ORGANOMETALLIC COMPOUNDS
(HM) *TITANIUM
(PA) ANTINEOPLASTIC AGENTS
(NO) see also record for the dihalogen cpd

1,1-difluoro-2-bromo-2-chloroethylene
(RN) 758-24-7
(SY) 2-bromo-2-chloro-1,1-difluoroethylene
(HM) HALOTHANE/*analogs
(NO) volatile halothane metabolite

24,24-difluorocalcitriol see
24,24-difluoro-1,25-dihydroxyvitamin D3

5,5-difluorocamphor
(RN) 93264-02-9
(HM) CAMPHOR/*analogs

1,1-difluoro-2-chloroethylene see
2-chloro-1,1-difluoroethylene

1,1-difluorocyclohexane
(RN) 371-90-4
(HM) *HYDROCARBONS, FLUORINATED
(NO) structure given in first source

10,10-difluoro-13-dehydro-PGX see
10,10-difluoro-13-dehydroprostacyclin

10,10-difluoro-13-dehydroprostacyclin
(RN) 80226-91-1
(RR) 73347-13-4 (mono-Na salt(5Z,8beta,9beta,11beta,12alpha,15S)-isomer)
(RR) 73313-61-8 (mono-Na salt(5Z,9alpha,11alpha,15S)-isomer)
(SY) DFLDEHPROSTA
(SY) 10,10-difluoro-13-dehydro-PGX
(SY) fluoroprostacyclin
(SY) difluoro-PGI2
(HM) *PROSTAGLANDINS X
(PA) VASODILATOR AGENTS
(II) PROSTAGLANDINS, SYNTHETIC
(NO) RN given refers to parent cpd(5Z,9alpha,11alpha,15S)-isomer; RN for cpd without isomeric designation not in Chemline 6/84; structure given in first source

2',5-difluoro-2'-deoxy-1-arabinosyluracil
(RN) 69123-95-1
(SY) 2',5-difluoro-1-arabinosyluracil
(SY) FF-ara-Ura
(HM) ARABINOFURANOSYLURACIL/*analogs
(PA) ANTINEOPLASTIC AGENTS
(NO) structure given in first source

2',5-difluoro-2'-deoxy-1-arabinosyluridylate see
2',5-difluoro-1-arabinosyluridine monophosphate

24,24-difluoro-1,25-dihydroxyvitamin D3
(RN) 77696-49-2
(SY) 24,24-difluorocalcitriol
(HM) CALCITRIOL/*analogs
(NO) RN given refers to (1alpha,3beta,5Z,7E)-isomer; RN for cpd without isomeric designation not in Chemline 1/85

difluorodinitrobenzene sulfone
(RN) 312-30-1
(SY) 4,4'-difluoro-3,3'-dinitrodiphenylsulfone
(SY) DFDNPS
(HM) *DINITROFLUOROBENZENE/analogs
(II) CROSS-LINKING REAGENTS

1,3-difluoro-4,6-dinitrobenzene see
1,5-difluoro-2,4-dinitrobenzene

1,5-difluoro-2,4-dinitrobenzene
(RN) 327-92-4
(RR) 37583-41-8 (cpd with unspecified locants)
(SY) 1,3-difluoro-4,6-dinitrobenzene
(SY) 2,4-dinitro-1,5-difluorobenzene
(HM) *DINITROFLUOROBENZENE/analogs
(II) CROSS-LINKING REAGENTS
(NO) structure

4,4'-difluoro-3,3'-dinitrodiphenylsulfone see
difluorodinitrobenzene sulfone

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1,1-difluoroethylene
(RN) 75-38-7
(RR) 1320-41-8 (cpd with unspecified locants)
(SY) vinylidene fluoride
(HM) *VINYL COMPOUNDS
(NO) structure

2,3-difluorofumarate
(RN) 2714-32-1
(SY) 2,3-difluorofumaric acid
(HM) *FUMARATES

2,3-difluorofumaric acid see 2,3-difluorofumarate

4,6-difluoro-5-hydroxytryptamine see 4,6-difluoroserotonin

23,23-difluoro-25-hydroxyvitamin D3
(SY) 23,23-F2-OH-D3
(HM) CALCIFEDIOL/*analogs

24,24-difluoro-25-hydroxyvitamin D3
(SY) 24,24-DFHV
(HM) CALCIFEDIOL/*analogs

3',5'-difluoromethotrexate
(RN) 34378-64-8
(HM) METHOTREXATE/*analogs
(NO) RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 4/84

2-(difluoromethyl)arginine see alpha-(difluoromethyl)arginine

difluoromethylene diphosphonate
(RN) 10596-32-4
(SY) DFMDP
(HM) *DICHLOROMETHYLENE DIPHOSPHONATE/analogs
(NO) inhibits bone resorption

2-(difluoromethyl)lysine
(RN) 69955-47-1
(SY) alpha-difluoromethyllysine
(HM) LYSINE/*analogs
(NO) selective irreversible lysine decarboxylase inhibitor; RN given refers to mono-HCl; RN for parent cpd not in Chemline 1/85

difluoromethylornithine see alpha-difluoromethylornithine

difluoromethyl 1,2,2,3,3-pentafluoropropyl ether see BAX-3224

8,8-difluoromyristate see 8,8-difluoromyristic acid

8,8-difluoromyristic acid
(RN) 66461-20-9
(SY) 8,8-difluoromyristate
(HM) *MYRISTIC ACIDS

difluoro-PGI2 see 10,10-difluoro-13-dehydroprostacyclin

N-(6-(2,4-difluorophenoxy)indan-5-yl) methanesulfonamide
(RN) 81614-86-0
(SY) 6-DFPIMS
(HM) *INDANS
(PA) ANTI-INFLAMMATORY AGENTS
(NO) structure given in first source

2-(2,4-difluorophenyl)-1,3-bis(1H-1,2,4-triazol-1-yl) propan-2-ol see UK 49858

2-(4-(2',4'-difluorophenyl)phenoxy)propionic acid see MR 714

4,4-difluoroproline
(RN) 52683-81-5
(SY) 4,4-difluoro-L-proline
(HM) PROLINE/*analogs
(NO) RN given refers to (L)-isomer; RN for parent cpd not in Chemline 1/27/83

4,4-difluoro-L-proline see 4,4-difluoroproline

4,4-difluororetinoic acid
(RN) 90660-20-1
(RR) 90695-11-7 ((13-cis)-isomer)
(SY) DFRA
(HM) TRETINOIN/*analogs
(NO) RN given refers to cpd without isomeric designation

4,4-difluororetinol
(RN) 90660-21-2
(HM) VITAMIN A/*analogs
(NO) structure given in first source

4,4-difluororetinyl acetate
(SY) trans-4,4-difluororetinyl acetate
(HM) VITAMIN A/*analogs
(NO) structure given in first source

trans-4,4-difluororetinyl acetate see 4,4-difluororetinyl acetate

4,4-difluororetinyl palmitate
(HM) VITAMIN A/*analogs
(NO) metabolic product of 4,4-difluororetinyl acetate

4,6-difluoroserotonin
(SY) 4,6-difluoro-5-hydroxytryptamine
(HM) SEROTONIN/*analogs
(II) FLUORINE
(NO) index with fluorine if the cpd is used as a tracer because of its fluorination

difluprednate
(RN) 23674-86-4
(SY) C.M.9155
(HM) FLUPREDNISOLONE/*analogs
(NO) RN given refers to (6alpha,11beta)-isomer; RN for cpd without isomeric designation not in Chemline 6/84

difolatan see captafol

diformamido diphenylsulfone see diformyl dapsone

4,4'-diformamidodiphenylsulfone see diformyl dapsone

diformyl dapsone
(RN) 6784-25-4
(SY) 4,4'-sulfonylbisformanilide
(SY) 4,4'-diformamidodiphenylsulfone
(SY) diformamido diphenylsulfone
(SY) DFD
(SY) DFDDS
(SY) WR-6798
(HM) DAPSONE/*analogs
(PA) ANTIMALARIALS
(NO) minor descriptor (75-84); on-line & Index Medicus search DAPSONE/AA (75-84)

difostilben see fosfestrol

diftalone
(RN) 21626-89-1
(SY) aladione
(SY) L 5418
(SY) phthalazino-(2,3-b)-phthalazine-5,12(7H,14H)-dione
(HM) *PYRIDAZINES
(PA) ANALGESICS, ANTI-INFLAMMATORY
(PA) ANTI-INFLAMMATORY AGENTS
(NO) has sedative & antipyretic properties; minor descriptor (77-84); on-line & Index Medicus search PYRIDAZINES (77-84)

difucoganglioside see fucogangliosides

difuco-lacto-N-hexaose
(HM) *OLIGOSACCHARIDES
(NO) found in human breast milk; structure given in first source

difucosyl heptaglycosylceramide
(SY) DFHGC
(HM) *GLYCOSPHINGOLIPIDS
(NO) isolated from small intestine of blood group B human individual

difucosyllacto-N-hexaosylceramide
(SY) DFLHC
(HM) *CEREBROSIDES
(NO) accumulates in human adenocarcinomas

3,2'-difucosyllactose
(RN) 20768-11-0
(SY) 3,2'-DL
(HM) *OLIGOSACCHARIDES
(NO) principal neutral carbohydrate of echdina & platypus milk

digadolinium trioxide see gadolinium oxide

digalactolipid see galactolipids

digalactosyldiacylglycerol see digalactosyldiglycerides

digalactosyldiglycerides
(SY) diglactosyl diglycerides
(SY) digalactosylglycerol
(SY) DGLDG
(SY) digalactosyldiacylglycerol
(HM) *GLYCOLIPIDS
(NO) see also record for 1,2-distearoyldigalactosyldiglyceride

digalactosylglycerol see digalactosyldiglycerides

digidrel see dihydrel

digitalin
(RN) 752-61-4
(HM) *DIGITALIS GLYCOSIDES
(II) PLANTS, MEDICINAL
(NO) RN given refers to (3beta,5beta,16beta)-isomer; RN for cpd without isomeric designation not in Chemline 6/84

digitalis-like factors see endoxin

digitalis receptor
(SY) digitalis receptors
(SY) receptor, digitalis
(HM) *RECEPTORS, DRUG
(II) DIGITALIS
(II) DIGITALIS GLYCOSIDES

digitalis receptors see digitalis receptor

digitoxigenin arabinoside
(RN) 78614-49-0
(SY) digitoxigenin-3beta-O-alpha-L-arabinofuranoside
(HM) DIGITOXIGENIN/*analogs
(II) CARDIAC GLYCOSIDES
(NO) structure given in first source

digitoxigenin-3beta-O-alpha-L-arabinofuranoside see digitoxigenin arabinoside

digitoxigenin-beta-D-galactose see digitoxigenin-galactose

digitoxigenin-bis(digitoxoside)
(RN) 16479-50-8
(SY) DT-BIS(DT)
(HM) DIGITOXIGENIN/*analogs
(NO) metabolite of digitoxin

digitoxigenin-galactose
(RN) 33275-60-4
(SY) digitoxigenin-beta-D-galactose
(HM) DIGITOXIGENIN/*analogs
(II) CARDIAC GLYCOSIDES

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digitoxigenin monodigitoxoside
(RN) 18404-43-8
(RR) 19204-57-0 ((ribo-3beta,5alpha)-isomer)
(RR) 19204-49-0 ((arabino-3beta,5alpha)-isomer)
(HM) DIGITOXIGENIN/*analogs
(NO) RN given refers to (ribo-3beta,5beta)-isomer

digitoxin-16'-glucuronide
(RN) 68325-34-8
(SY) DT-Glu
(HM) DIGITOXIN/*analogs

digitoxose
(RN) 527-52-6
(SY) 2,6-dideoxyribohexopyranose
(HM) *HEXOSES
(NO) structure

diglactosyl diglycerides see digalactosyldiglycerides

diglucosyl diacylglycerol
(SY) diglucosyl diglyceride
(HM) *GLYCOLIPIDS

diglucosyl diglyceride see diglucosyl diacylglycerol

diglutamylphosphatidlyethanolamine dihexadecyl ether
(SY) Glu2-EPE
(HM) *PHOSPHATIDYLETHANOLAMINES
(II) HAPTENS
(NO) structure given in first source

diglyceride acyltransferase see diacylglycerol acyltransferase

diglyceride kinase
(RN) EC 2.7.1.-
(SY) diacylglycerol kinase
(SY) ceramide-diglyceride kinase
(HM) *PHOSPHOTRANSFERASES, ATP

diglycidylaniline
(RN) 2095-06-9
(RR) 32144-31-3 (cpd with unspecified glycidyl group locants)
(HM) *EPOXY COMPOUNDS
(PA) MUTAGENS
(NO) RN given refers to parent cpd; structure given in first source

1,2-diglycidyl phthalate
(RN) 7195-45-1
(HM) *EPOXY COMPOUNDS
(HM) *PHTHALIC ACIDS
(NO) found in composite materials; causes contact dermatitis; structure given in first source

diglycolaldehyde see inosine dialdehyde

3,3'-(diglycoloyldiimino)bis(2,4,6-triiodobenzoic acid) 1-deoxy-1-aminoglucitol see methylglucamine ioglycamide

di-(N-glycolylneuraminic acid) ganglioside GD1b
(SY) ganglioside GD1b-di-(N-glycolylneuraminic acid)
(SY) GD1b-(NeuGc)2
(HM) *GANGLIOSIDES
(NO) from bovine adrenal medulla; note also record for the more general term disialogangliosides

diglycyl-histidine
(RN) 7451-76-5
(SY) glycyl glycyl histidine
(SY) Gly-Gly-His
(HM) *OLIGOPEPTIDES
(NO) tripeptide complexed with cupric ion designed to mimic specific Cu(II) transport site of ascorbate on albumin molecule

digoxigenin-bis(digitoxoside)
(RN) 5297-05-2
(SY) digoxigenin bisdigitoxoside
(HM) DIGOXIGENIN/*analogs

digoxigenin bisdigitoxoside see digoxigenin-bis(digitoxoside)

digoxigenin-mono(digitoxoside)
(RN) 5352-63-6
(SY) digoxigeninmonodigitoxoside
(HM) DIGOXIGENIN/*analogs

digoxigeninmonodigitoxoside see digoxigenin-mono(digitoxoside)

digoxin-16'-glucuronide
(RN) 68325-31-5
(SY) DG-Gluc
(HM) DIGOXIN/*analogs

digoxin-immunoreactive factors see endoxin

digoxin receptor see cardiac glycoside receptor

diguanosinetetraphosphatase see bis(5'-guanosyl) tetraphosphatase

diguanosine tetraphosphate
(RN) 4130-19-2
(SY) GP4G
(HM) *GUANOSINE TETRAPHOSPHATE/analogs

diguanylspermidine see hirudonine

di-halo
(RN) 16079-88-2
(SY) 1-bromo-3-chloro-5,5-dimethylhydantoin
(SY) bromicide
(HM) *HYDANTOINS
(II) ALLERGENS
(II) DISINFECTANTS
(NO) swimming pool disinfectant associated with contact dermatitis

trans-7,8-dihdyroxy-anti-9,10-epoxy-8-methyl-7,8,9,10-tetrahydrobenzo(a)pyrene see 7,8-dihydroxy-9,10-epoxy-8-methyl-7,8,9,10-tetrahydrobenzo(a)pyrene

dihdyroxyphenylvalermide see dihydroxyphenylvaleramide

dihematoporphyrin ether
(RN) 97067-70-4
(SY) DHP ether
(HM) *HEMATOPORPHYRINS
(NO) tumor-localizing component of hematoporphyrin D; RN given from Toxline; RN not in Chemline 8/85; structure given in first source

diheptanoylphosphatidylcholine
(RN) 3436-45-1
(RR) 39036-04-9 ((R)-isomer)
(HM) *PHOSPHATIDYLCHOLINES
(NO) RN given refers to (S)-isomer; RN for cpd without isomeric designation not in Chemline 8/1/83

12,20-diHETE see 12,20-dihydroxy-5,8,10,14-eicosatetraenoic acid

5,15-diHETE see 5,15-dihydroxy-6,8,11,13-eicosatetraenoic acid

8,15-diHETE see 8,15-leukotriene B4

dihexadecyldimethylammonium
(RN) 1812-53-9
(SY) dihexadecyldimethylammonium acetate
(SY) dihexadecyldimethylammonium chloride
(SY) DHDAA
(HM) *AMMONIUM COMPOUNDS
(II) SURFACE-ACTIVE AGENTS
(NO) RN given refers to chloride; RN for parent cpd not in Chemline 10/85

dihexadecyldimethylammonium acetate see dihexadecyldimethylammonium

dihexadecyldimethylammonium chloride see dihexadecyldimethylammonium

3,3'-dihexadecylindocarbocyanine iodide see 3,3'-dihexadecylindocarbocyanine

3,3'-dihexadecylindocarbocyanine
(SY) 3,3'-DHDIC
(SY) 3,3'-dihexadecylindocarbocyanine iodide
(SY) DiI carbocyanine
(SY) 1,1'-dihexadecyl-3,3,3'3-tetramethylindocarbocyanine perchlorate
(HM) *CARBOCYANINES
(II) FLUORESCENT DYES

1,2-dihexadecyl-3-O-octadecenoyl-sn-glycerol
(RN) 28409-94-1
(SY) 1,2-DH-ODG
(HM) *TRIGLYCERIDES

dihexadecyl phosphate see dicetylphosphate

1,2-dihexadecyl-sn-glycero-3-phosphoethanolamine see 1,2-dipalmitoyl-3-phosphatidylethanolamine

1,1'-dihexadecyl-3,3,3'3'-tetramethylindocarbocyanine perchlorate see 3,3'-dihexadecylindocarbocyanine

dihexamethylenecarbamide see cyclohexamethylene carbamide

dihexanoyldithiophosphatidylcholine
(SY) DHDTPC
(SY) 1,2-S,S-dihexanoyl-3-phosphocholine-1,2-dimercapto-3-propanol
(HM) *PHOSPHATIDYLCHOLINES
(NO) structure given in first source

1,2-dihexanoylglycerol
(RN) 17598-91-3
(RR) 30403-47-5 ((S)-isomer)
(RR) 75685-80-2 ((+-)-isomer)
(HM) *DIGLYCERIDES
(NO) functions as bioregulator of protein kinase C in human platelets; RN given refers to cpd without isomeric designation

dihexanoylphosphatidylcholine
(RN) 53892-41-4
(RR) 34506-67-7 ((R)-isomer)
(HM) *PHOSPHATIDYLCHOLINES
(NO) RN given refers to cpd without isomeric designation

1,2-S,S-dihexanoyl-3-phosphocholine-1,2-dimercapto-3-propanol see dihexanoyldithiophosphatidylcholine

di-(5-hexenyl)phthalate
(SY) di-5-HP
(HM) *PHTHALIC ACIDS
(NO) gave rise to epoxide & vicinal diol metabolites

3,3'-dihexyloxacarbocyanine iodide see 3,3'-dihexyl-2,2'-oxycarbocyanine

3,3'-dihexyloxacarbocyanine see 3,3'-dihexyl-2,2'-oxycarbocyanine

3,3'-dihexyl-2,2'-oxacarbocyanine see 3,3'-dihexyl-2,2'-oxycarbocyanine

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3,3'-dihexyl-2,2'-oxycarbocyanine
(RN) 54501-79-0
(SY) DiOC(6)
(SY) 3,3'-dihexyloxacarbocyanine
(SY) 3,3'-dihexyl-2,2'-oxacarbocyanine
(SY) 3,3'-dihexyloxacarbocyanine iodide
(HM) *CARBOCYANINES
(II) FLUORESCENT DYES
(NO) fluorescent probe

dihexyl phthalate see di-n-hexyl phthalate

di-n-hexyl phthalate
(RN) 84-75-3
(SY) dihexyl phthalate
(SY) phthalic acid dihexyl ester
(HM) *PHTHALIC ACIDS
(II) PLASTICIZERS

2a,2b-dihomocarboprost methyl
(SY) 2a,2b-dihomo-15(S)15-methyl-PGF2 alpha methyl ester
(SY) DHCPM
(HM) *CARBOPROST/analogs
(PA) ABORTIFACIENT AGENTS, NON-STEROIDAL

2a,2b-dihomo-15(S)15-methyl-PGF2 alpha methyl ester see 2a,2b-dihomocarboprost methyl

1a,1b-dihomo-PGE2 see 1a,1b-dihomoprostaglandin E2

1a,1b-dihomoprostaglandin E2
(RN) 26198-80-1
(SY) 1a,1b dihomoprostaglandin E2
(SY) 1a,1b-dihomo-PGE2
(HM) *PROSTAGLANDINS E
(II) PROSTAGLANDINS E, SYNTHETIC
(NO) metabolite of PGE in rabbit renal medullary interstitial cells; RN given refers to (1R-(1alpha(Z),2beta(1E,3S*),3alpha))-isomer; RN for cpd without isomeric designation not in Chemline 6/84

1a,1b dihomoprostaglandin E2 see 1a,1b-dihomoprostaglandin E2

1a,1b-dihomothromboxane B2
(RN) 81827-76-1
(SY) 1a,1b-dihomo-thromboxane B2
(HM) THROMBOXANE B2/*analogs
(NO) metabolite of adrenic acid

1a,1b-dihomo-thromboxane B2 see 1a,1b-dihomothromboxane B2

di-5-HP see di-(5-hexenyl)phthalate

dihydrel
(RN) 75034-93-4
(SY) digidrel
(SY) dimethyhydrazinium-2-chloroethylphosphonate
(HM) *ORGANOPHOSPHORUS COMPOUNDS
(II) PLANT GROWTH REGULATORS

5-dihydroaldosterone
(RN) 6005-92-1
(RR) 70952-53-3 ((5alpha,11beta)-isomer)
(SY) 5 beta-dihydroaldosterone
(SY) 5 alpha-dihydroaldosterone
(HM) ALDOSTERONE/*analogs
(II) MINERALOCORTICOIDS, SYNTHETIC
(NO) RN given refers to (5beta,11beta)-isomer; RN for cpd without isomeric designation not in Chemline 6/85

dihydroaldrindiol see aldrin-transdiol

dihydroalprenolol receptor
(SY) receptor, dihydroalprenolol
(SY) dihydroalprenolol receptors
(HM) *RECEPTORS, ADRENERGIC, BETA
(II) DIHYDROALPRENOLOL

dihydroalprenolol receptors see dihydroalprenolol receptor

dihydroampicillin see epicillin

dihydroartemisinine see dihydroquinghaosu

dihydroavermectin B1a see ivermectin

22,23-dihydroavermectin B1 see ivermectin

dihydro-5-azacytidine see 5,6-dihydro-5-azacytidine

5,6-dihydro-5-azacytidine
(RN) 62488-57-7
(RR) 62402-31-7 (HCl)
(SY) NSC-264880
(SY) dihydro-5-azacytidine
(HM) AZACYTIDINE/*analogs
(NO) RN given refers to parent cpd; synonym NSC-264880 refers to HCl

5,12-dihydroazapentacene sodium disulfonate see azapentacene

5,12-dihydroazapeptasen sodium disulfonate see phacolysin

dihydroazarole
(RN) 55872-83-8
(SY) N,N'-bis(1H-pyrrol-1-yl)-1,4-benzenediamine
(HM) *PYRROLES
(NO) azarole reduction product; structure given in first source

5,6-dihydro-5-azathymidine
(HM) THYMIDINE/*analogs
(PA) ANTIBIOTICS
(PA) ANTIVIRAL AGENTS

7,8-dihydrobatrachotoxin A
(SY) 7,8-DHBTA
(HM) *BATRACHOTOXINS
(NO) structure given in first source

1-(2,3-dihydro-1,4(25)-benzodioxin-2-yl)-5-(2,3-dihydro-1,4-benzodioxin-2-yl)-3-aza-1,5-pentanediol methanesulfonate see CGS 10078B

2-(2,3-dihydro-1,4-benzodioxin-2-yl)-4,5-dihydro-1H-imidazole see RX 781094

1-(2,3-dihydro-2-benzofuranyl)-4,5-dihydro-1H- imidazole see S 9871

7,8-dihydrobenzo(a)pyrene-7,8-diol see benzo(a)pyrene 7,8-dihydrodiol

7,8-dihydrobenzo(a)pyrene 9,10-oxide see 9,10-epoxy-7,8,9,10-tetrahydrobenzo(a)pyrene

7,8-dihydrobenzo(a)pyrene
(RN) 17573-23-8
(HM) *BENZOPYRENES
(NO) structure given in first source

3b,4a-dihydrobenzo(1,2)pyreno(4,5-b)oxirene see benzo(a)pyrene 4,5-epoxide

1,2,3-dihydro-5-benzo(b)thienyl-2-(4-phenylbutylamino)-1-propanol see tibalosin

2,3-dihydro-4H-1,3-benzoxazin-2-one-3-acetamide see caroxazone

dihydroberberine
(RN) 483-15-8
(RR) 86933-66-6 (HCL)
(HM) *BERBERINE/analogs
(NO) structure in first source

dihydrobiopterin see 7,8-dihydrobiopterin

L-erythro-dihydrobiopterin see 7,8-dihydrobiopterin

L-erythro-q-dihydrobiopterin see 7,8-dihydrobiopterin

dihydrobiopterin synthetase see 7,8-dihydrobiopterin synthetase

7,8-dihydrobiopterin synthetase
(RN) EC 1.1.-
(SY) L-erythro-7,8-dihydrobiopterin synthetase
(SY) dihydrobiopterin synthetase
(HM) *ALCOHOL OXIDOREDUCTASES
(NO) converts erythro-7,8-dihydro neopterin triphosphate to sepiapterin

L-erythro-7,8-dihydrobiopterin synthetase see 7,8-dihydrobiopterin synthetase

7,8-dihydrobiopterin
(RN) 6779-87-9
(SY) L-erythro-dihydrobiopterin
(SY) q-BH2
(SY) L-erythro-q-dihydrobiopterin
(SY) dihydrobiopterin
(HM) *BIOPTERIN/analogs
(NO) RN given refers to (S-(R*,S*))-isomer; RN for cpd without isomeric designation not in Chemline 6/84

22,23-dihydrobrassicasterol see campesterol

dihydrocaffeic acid see 3,4-dihydroxyphenylpropionic acid

dihydrocapsaicin
(RN) 19408-84-5
(HM) CAPSAICIN/*analogs

dihydrocarminomycin
(RN) 62182-86-9
(SY) carminomycinol
(HM) CARUBICIN/*analogs

dihydrochalcone
(RN) 1083-30-3
(HM) *CHALCONE/analogs

dihydrochandonium
(RN) 66052-67-3
(RR) 70433-02-2 (di-bromide)
(SY) HS 692
(SY) dihydrochandonium iodide
(SY) dihydrochandonium diiodide
(SY) dihydrochandonium dibromide
(SY) RGH-4201
(SY) duador
(HM) *ANDROSTANES
(PA) NEUROMUSCULAR BLOCKING AGENTS
(PA) NEUROMUSCULAR NONDEPOLARIZING AGENTS
(NO) RN given refers to di-iodide; RN for parent cpd not in Chemline 7/22/83; RGH-4201 refers to di-bromide salt

dihydrochandonium dibromide see dihydrochandonium

dihydrochandonium diiodide see dihydrochandonium

dihydrochandonium iodide see dihydrochandonium

1,2-dihydro-1,2-chrysenediol see chrysene-1,2-dihydrodiol

dihydrocodeine
(RN) 125-28-0
(RR) 36418-29-8 (HCl(5alpha,6alpha)-isomer)
(RR) 29699-74-9 ((5alpha,6alpha,14alpha)-isomer)
(RR) 28379-49-9 ((5alpha,6beta,14alpha)-isomer)
(RR) 24204-16-8 (acetate(5alpha,6alpha)-isomer)
(RR) 795-38-0 ((5alpha,6beta)-isomer)
(RR) 5965-13-9 (tartrate[1:1](5alpha,6alpha)-(R-(R*,R*))-isomer)
(RR) 6414-38-6 (tartrate[1:1](5alpha,6beta)-(R-(R*,R*))-isomer)
(RR) 24204-13-5 (phosphate[1:1](5alpha,6alpha)-isomer)
(SY) DF 118
(SY) paramol 118
(HM) CODEINE/*analogs
(NO) RN given refers to parent cpd(5alpha,6alpha)-isomer; RN for cpd without isomeric designation not in Chemline 6/84

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14,15-dihydrocoleonol see 14,15-dihydroforskolin

5-dihydrocortisol
(RN) 516-41-6
(RR) 1482-50-4 ((5beta,11beta)-isomer)
(SY) 11 beta,17 alpha,21-trihydroxy-5 alpha-pregnane-3,20-dione
(SY) 5 alpha-DHF
(SY) 5 alpha-dihydrocortisol
(SY) 5 beta-dihydrocortisol
(HM) HYDROCORTISONE/*analogs
(NO) RN given refers to (5alpha,11beta)-isomer; RN for cpd without isomeric designatin not in Chemline 11/22/83; structure

dihydro-m-coumaric acid see dihydro-3-coumaric acid

dihydro-3-coumaric acid
(RN) 621-54-5
(SY) dihydro-m-coumaric acid
(SY) 3-(3-hydroxyphenyl)propionic acid
(HM) *COUMARIC ACIDS
(NO) intermediate in biosynthesis of dihydrophenanthrenes from phenylalanine

dihydrocoumarin I see
3,4-dihydro-3,4-dibromo-6-bromomethylcoumarin

10-dihydrocurvularin
(HM) *ZEARALENONE/analogs
(NO) metabolic product of Penicillium gilmanii; induces hyperpyrexia; keto group of curvularin hydrogenated to yield hydroxy group

dihydrocyclosporin D
(RN) 63775-91-7
(HM) *CYCLOSPORINS
(NO) RN given refers to (3R,4R)-isomer; RN for cpd without isomeric dsignation not in Chemline 6/84

dihydrocyclosporin, Val(2)-
(SY) 2-valyl-dihydrocyclosporin
(SY) cyclosporin, dihydro-2-valine-
(SY) 2-Val-dihydrocyclosporin
(HM) *CYCLOSPORINS
(PA) IMMUNOSUPPRESSIVE AGENTS

dihydrocytochalasin B
(RN) 39156-67-7
(RR) 22263-93-0 (dihydrocytochalasin C)
(RR) 30276-81-4 (dihydrocytochalasin D)
(HM) CYTOCHALASIN B/*analogs
(NO) inhibits cell motility in many eucaryotic cells

dihydrodaunomycin see daunorubicinol

13-dihydrodaunorubicin see daunorubicinol

10,11-dihydrodibenzo(a,d)cyclohept-5-enyl-7-aminoheptanoic acid see amineptin

3,4-dihydro-3,4-dibromo-6-bromomethylcoumarin
(RN) 50465-97-9
(SY) DHDBBMC
(SY) dihydrocoumarin I
(HM) *COUMARINS
(PA) UROKINASE/antag
(NO) structure given in first source

dihydrodibutylstilbestrol
(RN) 23576-77-4
(RR) 41136-23-6 ((R*,S*)-isomer)
(RR) 27780-42-3 ((alpha,alpha)-isomer)
(RR) 41136-24-7 ((R*,R*)-(+-)-isomer)
(SY) DHBS
(SY) dibutyldihydrostilbestrol
(HM) HEXESTROL/*analogs
(NO) stilbestrol analog (synthetic); RN given refers to cpd without isomeric designation

dihydro-DIDS
(RN) 61481-03-6
(SY) dihydroDIDS
(SY) 4,4'-diisothiocyano-2,2'-dihydrostilbene disulfonic acid
(SY) 4,4'-diisothiocyano-1,2-diphenylethane-2,2'-disulfonate
(SY) H(2)DIDS
(HM) *SITS/analogs
(II) AFFINITY LABELS
(II) CROSS-LINKING REAGENTS

dihydroDIDS see dihydro-DIDS

Dihydrodigitoxin
(RN) 3786-76-3
(HM) DIGITOXIN/*analogs

20,22-dihydrodigoxigenin
(RN) 4442-12-0
(HM) DIGOXIGENIN/*analogs

Dihydrodigoxin
(RN) 5297-10-9
(HM) DIGOXIN/*analogs

8,9-dihydro-8,9-dihydroxybenz(a)anthracene 10,11-oxide see 8,9-dihydro-8,9-dihydroxybenzanthracene 10,11-oxide

8,9-dihydro-8,9-dihydroxybenzanthracene 10,11-oxide
(RN) 53760-21-7
(RR) 64937-40-2 ((1aS-(1aalpha,2beta,3alpha,11balpha))-isomer)
(RR) 64937-39-9 ((1aR-(1aalpha,2alpha,3beta,11balpha))-isomer)
(RR) 64598-83-0 ((1aalpha,2beta,3alpha,11balpha)-(+-)-isomer)
(RR) 64598-82-9 ((1aalpha,2alpha,3beta,11balpha)-(+-)-isomer)
(RR) 63038-82-4 ((1aalpha,2alpha,3beta,11balpha)-isomer)
(RR) 63038-83-5 ((1aalpha,2beta,3alpha,11balpha)-isomer)
(SY) anti-BA-8,9-diol 10,11-oxide
(SY) 8,9-dihydro-8,9-dihydroxybenz(a)anthracene 10,11-oxide
(SY) anit-8,9-diol 10,11-oxide benz(a)anthracene
(SY) 8,9-DETBA
(SY) 8,9-dihydroxy-10,11-epoxy-8,9,10,11-tetrahydro benz(a)anthracene
(HM) *BENZANTHRACENES
(NO) RN given refers to cpd without isomeric designation; structure given in first source

7,8-dihydro-7,8-dihydroxybenzo(a)pyrene 9,10-oxide see benzo(a)pyrene 7,8-dihydrodiol 9,10-epoxide

7,8-dihydro-7,8-dihydroxybenzo(a)pyrene-9,10-oxide
(SY) 7,8-DDPPO
(HM) *BENZOPYRENES
(NO) metabolite of benzopyrene activation in carcinogenesis

11,12-dihydro-11,12-dihydroxybenzo(a) pyrene
(RN) 28622-86-8
(RR) 60657-27-4 ((trans)-isomer)
(RR) 64283-13-2 ((cis)-isomer)
(RR) 83440-06-6 ((trans)-(+-)-isomer)
(SY) benzo(a)pyrene-11,12-dihydrodiol
(HM) *BENZOPYRENES
(NO) RN given refers to cpd without isomeric designation

4,5-dihydro-4,5-dihydroxybenzo(a)pyrene see 4,5-dihydroxy-4,5-dihydrobenzo(a)pyrne

7,8-dihydro-7,8-dihydroxybenzopyrene see benzo(a)pyrene 7,8-dihydrodiol

7,8-dihydro 7,8-dihydroxybenzo(a)pyrene see benzo(a)pyrene 7,8-dihydrodiol

9,10-dihydro-9,10-dihydroxybenzo(a)-pyrene
(RN) 24909-09-9
(RR) 58886-98-9 ((trans)-isomer)
(RR) 56484-47-0 ((cis)-isomer)
(RR) 58030-91-4 ((trans)-(+-)-isomer)
(RR) 62600-11-7 ((9R-trans)-isomer)
(SY) 9,10-dihydroxy-9,10-dihydrobenzo(a)pyrene
(SY) benzo(a)pyrene-9,10-dihydrodiol
(HM) *BENZOPYRENES
(NO) RN given refers to cpd without isomeric designation

trans-9,10-dihydro-9,10-dihydroxybenzo(e)pyrene see 9,10-dihydroxy-9,10-dihydrobenzo(e)pyrene

10,11-dihydro-10,11-dihydroxycarbamazepine see 10,11-dihydro-10,11-dihydroxy-5H-dibenzazepine-5-carboxamide

1,2-dihydro-1,2-dihydroxychrysene see chrysene-1,2-dihydrodiol

3,4-dihydro-3,4-dihydroxychrysene see chrysene-3,4-dihydrodiol

5,6-dihydro-5,6-dihydroxychrysene see chrysene-5,6-dihydrodiol

10,11-dihydro-10,11-dihydroxy-5H-dibenzazepine-5-carboxamide
(RN) 35079-97-1
(RR) 58955-94-5 ((cis)-isomer)
(RR) 58955-93-4 ((trans)-isomer)
(SY) 10,11-dihydro-10,11-dihydroxycarbamazepine
(SY) 10,11-dihydroxycarbamazepine
(SY) carbemazepine-10,11-diol
(SY) CBZ-diol
(SY) CGP 10,000
(SY) CGP-10,000
(HM) CARBAMAZEPINE/*analogs
(NO) metabolite of carbamazepine, RN given refers to cpd without isomeric designation; structure

12,13-dihydro-12,13-dihydroxydibenzo(a,e) fluoranthene
(RN) 80279-97-6
(SY) dibenzo(a,e)fluoranthene-12,13-dihydrodiol
(SY) 12,13-DBFADD
(HM) *FLUORENES

3,4-dihydro-3,4-dihydroxydibenzo(a,e) fluoranthene
(RN) 80279-98-7
(SY) dibenzo(a,e)fluoranthene-3,4-dihydrodiol
(SY) 3,4-DBFADD
(HM) *FLUORENES

trans-1,2-dihydro-1,2-dihydroxy-7,12-dimethylbenz(a) anthracene see
7,12-dimethylbenz(a)anthracene-1,2-dihydrodiol

1,2-dihydro-1,2-dihydroxy-12-fluoro-5-methylchrysene
(SY) 12-F-5-MeC-1,2-diol
(HM) *CHRYSENES
(NO) possible metabolite of 12-fluoro-5-methylchrysene

7,8-dihydro-7,8-dihydroxy-12-fluoro-5-methylchrysene
(SY) 12-F-5-MeC-7,8-diol
(HM) *CHRYSENES
(NO) possible metabolite of 12-fluoro-5-methylchrysene

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1,2-dihydro-1,2-dihydroxy-5-methylchrysene
(RN) 67411-81-8
(RR) 74206-69-2 ((trans)-isomer)
(SY) 5-MeC-1,2-diol
(HM) *CHRYSENES
(PA) CARCINOGENS
(NO) major active metabolite of 5-methylchrysene; RN given refers to cpd without isomeric designation

3,4-dihydro-6,8-dihydroxy-3-(6-methyltetrahydropyran-2-ylmethyl)isocoumarin see cladosporin

1,2-dihydro-1,2-dihydroxy-6-nitrochrysene
(SY) 1,2-DDNCR
(HM) *CHRYSENES
(PA) MUTAGENS
(NO) major mutagenic metabolite of 6-nitrochrysene; structure given in first source

4,5-dihydro-4,5-dihydroxy-1-nitropyrene
(SY) DHDHNP
(HM) *PYRENES
(PA) MUTAGENS
(NO) 1-nitropyrene metabolite from rat liver; structure given in first source

1',2'-dihydro-1'-6-dihydroxyrotenone
(SY) DH-1,6-OH-rotenone
(HM) ROTENONE/*analogs
(NO) Streptomyces griseus dihydrorotenone metabolite; structure given in first source

1',2'-dihydro-2',6-dihydroxyrotenone
(SY) DH-2,6-OH-rotenone
(HM) ROTENONE/*analogs
(NO) Streptomyces griseus dihydrorotenone metabolite; structure given in first source

3,4-dihydro-6-(4-(3,4-dimethoxybenzoyl)-1-piperazinyl)-2-1H-quinoline see OPC 8212

2,3-dihydro-2,2-dimethyl-7-benzofuranyl (di-n-butylaminosulfenyl)methylcarbamate see carbosulfan

3,4-dihydro-2,2-dimethyl-2H-1-benzopyran- 6-butyric acid
(RN) 58821-97-9
(HM) *BENZOPYRANS
(PA) ANTISICKLING AGENTS
(NO) antisickling agent; structure

7,8-dihydro-5',6'-dimethylcyclohex-5'-eno(1',2':8,14) codeinone see RX 336M

4,9-dihydro-6,7-dimethyl-4,9-dioxo-1H-naphtho(2,3-d)-v-triazole see BRL 22321

1,4-dihydro-2,6-dimethyl-4-(2-isothiocyanatophenyl)-3,5-pyridinedicarboxylic acid dimethyl ester
(SY) DHP-ITC
(HM) NIFEDIPINE/*analogs
(HM) *THIOCYANATES

(DL)-3,7-dihydro-1,8-dimethyl-3-(2-methylbutyl)-1H-purine-2,6-dione see CK 0383

3,7-dihydro-1,8-dimethyl-3-(2-methylbutyl)-1H-purine-2,6-dione see CK 0383

1,4-dihydro-2,6-dimethyl-4-(3-nitrophenyl)-3,5-pyridinedicarboxylic acid dimethyl ester
(RN) 21881-77-6
(SY) 2,6-dimethyl-3,5-dicarbomethoxy-4-(3-nitrophenyl)-1,4-dihydropyridine
(SY) m-nifedipine
(SY) 3-nifedipine
(HM) NIFEDIPINE/*analogs
(PA) CALCIUM CHANNEL BLOCKERS
(NO) structure given in first source

1,4-dihydro-2,6-dimethyl-4-(3-nitrophenyl)-3,5-pyridinedicarboxylic acid 3-ethyl-5-methyl ester see nitrendipine

4,9-dihydro-4,6- dimethyl-9-oxo-1H-imidazo(1,2-a) purine see wye

1,2-dihydro-4,4-dimethyl-1-oxo-2-naphthalenecarboxylic acid
(RN) 88296-21-3
(SY) 1,2-DDONA
(HM) *NAPHTHALENES
(NO) RN given in first source; RN not in Chemline 4/84

1,4-dihydro-2,6-dimethyl-4-(2-trifluoromethylphenyl)-3,5-pyridinecarboxylic acid 2-((1-(3-iodo-4-hydroxyphenyl)-3-oxoprolyl)amino)ethyl ester see iodipine

dihydrodinoreburnameninol
(SY) DHDNE
(HM) *VINCA ALKALOIDS

dihydrodiol dehydrogenases
(RN) EC 1.1.-
(SY) cis-naphthalene dihydrodiol dehydrogenase
(HM) *ALCOHOL OXIDOREDUCTASES
(NO) See also benzo(a)pyrene dihydrodiol dehydrogenase

1,2-dihydrodiol-DMBA see 7,12-dimethylbenz(a)anthracene-1,2-dihydrodiol

3,4-dihydro-2,4-dioxo-5-fluoro-1(2H)pyrimidinyl-1-deoxy-1-glucopyranuronic acid see MG 6758

4,5-dihydro-4,5-dioxo-1-H-pyrrolo(2,3-f)quinoline-2,7,9-tricarboxylic acid see methoxatin

dihydrodipicolinate reductase
(RN) EC 1.3.1.26
(HM) *OXIDOREDUCTASES

dihydrodipicolinate synthase
(RN) EC 4.2.1.52
(RR) 9055-59-8 (CRN)
(SY) pyruvate-aspartic semialdehyde condensing enzyme
(SY) DHDPA synthase
(SY) dihydrodipicolinic acid synthase
(HM) *HYDRO-LYASES

dihydrodipicolinic acid synthase see dihydrodipicolinate synthase

dihydroemetine
(HM) EMETINE/*analogs

4,5-dihydro-4,5-epoxybenzo(a)pyrene see benzo(a)pyrene 4,5-epoxide

17-dihydroequilenin
(RN) 1423-97-8
(RR) 6639-99-2 ((17 alpha)-isomer)
(SY) 17 beta-dihydroequilenin
(HM) *EQUILENIN/analogs
(NO) RN given refers to (17 beta)-isomer; RN for cpd without isomeric designation not in Chemline 7/29/83

dihydroequilin
(RN) 651-55-8
(RR) 3563-27-7 ((17beta)-isomer)
(SY) 17 alpha-dihydroequilin
(SY) alpha-dihydroequilin
(SY) beta-dihydroequilin
(HM) *EQUILIN/analogs
(NO) RN given refers to (17alpha)-isomer; RN for cpd without isomeric designation not in Chemline 11/22/83

9,10-dihydroergosine
(RN) 7288-61-1
(RR) 73986-92-2 (tartrate[1:1](5'alpha,10alpha)-(R-(R*,R*))-isomer)
(RR) 65222-90-4 (monomethanesulfonate(5'alpha,10alpha)-isomer)
(SY) DHESN
(HM) *ERGOTAMINE DERIVATIVES
(NO) deriv of peptide ergot alkaloids; RN given refers to (5' alpha,10 alpha)-isomer; RN for cpd without isomeric designation not in Chemline 8/1/83

22,23-dihydroergosterol
(RN) 516-79-0
(RR) 38521-88-9 ((3beta,24xi)-isomer)
(RR) 20304-51-2 ((3beta,24R)-isomer)
(SY) ergosta-5,7-dien-3 beta-ol
(SY) 7-dehydrocampesterol
(HM) ERGOSTEROL/*analogs
(NO) RN given refers to (3beta)-isomer; RN for cpd without isomeric designation not in Chemline 7/84

dihydroergostin
(RN) 3609-19-6
(SY) DE-145
(HM) *ERGOT ALKALOIDS, HYDROGENATED

dihydroergotamine-heparin see heparin-dihydergot

5,6-dihydro-2-(3-ethoxyphenyl)-s-triazolo(5,1-a) isoquinoline see L 11204

3,4-dihydro-4-ethyl-4-hydroxy-5-(3-hydroxy-2-pyridyl)-2H-pyrrole-2-carboxamide see siderochelin C

18,19-dihydroetorphine
(RN) 14357-76-7
(HM) *ETORPHINE/analogs
(NO) RN given refers to (5alpha,7alpha(R))-isomer; RN for cpd without isomeric designation not in Chemline 7/84; structure given in first source

5,6-dihydroflavopereirine
(RN) 3389-27-3
(SY) 5,6-DHFPR
(HM) *ALKALOIDS
(NO) structure given in first source

5,6-dihydrofluorouracil see 5-fluorodihydrouracil

dihydrofolate
(RN) 4033-27-6
(RR) 15574-38-6 ((D)-isomer)
(SY) 7,8-dihydrofolic acid
(HM) FOLIC ACID/*analogs
(NO) RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 7/84

dihydrofolate synthetase
(RN) EC 6.3.2.12
(HM) *PEPTIDE SYNTHETASES

7,8-dihydrofolic acid see dihydrofolate

14,15-dihydroforskolin
(RN) 64657-24-5
(SY) 14,15-dihydrocoleonol
(HM) FORSKOLIN/*analogs
(NO) ligand for testing forskolin binding sites

(dihydrogen borato)phenylmercury see phenylmercury borate

dihydrogen methylphosphonate see methylphosphonate

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5-(dihydrogen phosphate)orotidine see orotidylic acid

dihydrograyanotoxin II

(RN) 38776-76-0
(RR) 78185-87-2 ((3alpha,6beta,14R)-isomer)
(RR) 38776-77-1 (3beta,6beta,10alpha,14R)-isomer)
(SY) alpha-dihydrograyanotoxin II
(HM) *DITERPENES
(II) TOXINS
(NO) extract from leaves of Ericacae; RN given refers to (3beta,6beta,14R)-isomer; RN for cpd without isomeric designation not in Chemline 7/22/83; structure

2,3-dihydro-2-(N(7)-guanyl)-3-hydroxyaflatoxin B1

(RN) 63425-04-7
(SY) DHGHAB
(HM) *AFLATOXINS
(HM) GUANINE/*analogs
(NO) aflatoxin-guanine adduct in urine of aflatoxin B1 treated rats; RN given refers to (6aS-(6aalpha,8beta,9alpha,9aalpha))-isomer; RN for cpd without isomeric designation not in Chemline 7/84

dihydrohomofolic acid

(RN) 14866-11-6
(SY) N-(4-(2-(2-amino-1,4,7,8-tetrahydro-4-oxo-6-pteridinyl)ethyl)amino)benzoyl)glutamic acid
(HM) FOLIC ACID/*analogs
(PA) FOLIC ACID ANTAGONISTS
(NO) substrate for dihydrofolate reductase; produces tetrahydrohomofolate which in turn inhibits thymidylate synthetase & therefore DNA synthesis; minor descriptor (77-84); on-line & Index Medicus search FOLIC ACID/AA (77-84); RN given refers to (L-Glu)-isomer; RN for cpd without isomeric designation not in Chemline 8/84

4-(4'-(((3,4-dihydro-3-hydroxy-2H-1,5-benzodioxepin-3-yl)methyl)thio)(1,1'-biphenyl)-4-yl)-2,4-dioxobutanoic acid

(RN) 83085-97-6
(SY) 4-DHBMD
(HM) *BUTYRIC ACIDS
(PA) ALCOHOL OXIDOREDUCTASES
(NO) RN & structure from first source; RN not in Chemline 8/23

dihydro-3-hydroxy-3,4-bis((4-hydroxy-3-methoxyphenyl) methyl)-2(3H)-furanone see nortrachelogenin

10,11-dihydro-10-hydroxycarbamazepine see GP 47779

3,4-dihydro-8-(2-hydroxy-3-isopropylaminopropoxy)-2H-1-benzopyran-3- ol

(RN) 86247-86-1
(SY) denitro K 351
(SY) denitro-K-351
(HM) *PROPANOLAMINES
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS
(NO) K 351 is alpha blockader; above cpd is beta blockader

3,4-dihydro-8-(2-hydroxy-3-isopropylaminopropoxy)-3-nitroxy-2H-1-benzopyran see K 351

1,4-dihydro-2-hydroxymethyl-4-(m-nitrophenyl)-6-methyl-3,5-pyridine dicarboxylic acid diethyl ester see FR 7534

3,4-dihydro-3-hydroxy-2-methyl-7-propenyl-2H,5H-pyrano(4,3-b)pyran-4,5-dione see radicinin

7,8-dihydro-6-hydroxymethylpterin pyrophosphokinase see 2-amino-4-hydroxy-6-hydroxymethyldihydropteridine pyrophosphokinase

1,6-dihydro-6-(hydroxymethyl)purine riboside

(RN) 63813-87-6
(SY) DHMPR
(HM) *PURINE NUCLEOSIDES
(NO) RN & structure given in first source

6-((1-(3,4-dihydro-8-hydroxy-1-oxo-1H-2-benzopyran-3-yl)-3-methylbutyl)amino)-4,5-dihydroxy-6-oxo-3-ammoniohexanoate see AI 77-B

1,3-dihydro-3-hydroxy-3-(2-oxo-2-phenylethyl)-2H-indol-2-one

(RN) 88730-73-8
(SY) 1,3-DHPIO
(HM) *INDOLES
(PA) ANTICONVULSANTS
(NO) RN & structure given in first source; RN given refers to (+-)-isomer; RN not in Chemline 6/84

2,3-dihydro-8-(2-hydroxy-3-(4-(1-oxo-3-(3,4,5-trimethoxyphenyl)-2-propenyl)-1-piperazinyl)-propoxy)-1,4-benzodioxin-5-carboxylic acid isopentyl ester see 2,3-dihydro-8-(2-hydroxy-3-(4-(1-oxo-3-(3,4,5-trimethoxyphenyl)-2-propenyl)-1-piperazinyl)propoxy)-1,4-benzodioxin-5-carboxylic acid isopentyl ester

2,3-dihydro-8-(2-hydroxy-3-(4-(1-oxo-3-(3,4,5-trimethoxyphenyl)-2-propenyl)-1-piperazinyl)propoxy)-1,4-benzodioxin-5-carboxylic acid isopentyl ester

(RN) 85851-95-2
(SY) TPBE
(SY) 2,3-dihydro-8-(2-hydroxy-3-(4-(1-oxo-3-(3,4,5-trimethoxyphenyl)-2-propenyl)-1-piperazinyl)-propoxy)-1,4-benzodioxin-5-carboxylic acid isopentyl ester
(HM) *PIPERAZINES
(II) ANGINA PECTORIS/drug ther
(NO) anti-angina cpd; structure given in first source

1',2'-dihydro-6-hydroxyrotenone

(SY) DH-6-OH-rotenone
(HM) ROTENONE/*analogs
(NO) Streptomyces griseus dihydrorotenone metabolite; structure given in first source

9,10-dihydro-5-hydroxy-4,8,8-trimethyl-2-H,4-H-benzo(1,2-b-4,3-c)-dipyran-2,6(8H)-dione see fuscin

2-(2-(4,5-dihydro-1H-imidazol-2-yl)-1-phenylethyl) pyridine dihydrochloride sesquihydrate see DG-5128

4,5-dihydro-6-(4-(1H-imidazol-1-yl)phenyl)-5-methyl-3(2H)-pyridazinone see CI 930

4,5-dihydro-6-(4-(1H-imidazol-1-yl)phenyl)-3(2H)-pyridazinone see CI 914

2,3-dihydro-1H-imidazo(1,2-b)pyrazole

(RN) 6714-29-0
(SY) pyrazoloimidazole
(SY) IMPY
(HM) *PYRAZOLES
(PA) ANTINEOPLASTIC AGENTS
(NO) inhibitor of DNA synthesis; structure

2,3-dihydroimidazo(2,1b)thiazole 1-oxide

(SY) DHITO
(HM) *CYCLIC S-OXIDES
(NO) structure given in first source

1,2-dihydro-2-imino-4-(1-naphthylvinyl)-1-pyridineethanol

(RN) 30841-78-2
(RR) 30841-79-3 (mono-HBr(E)-isomer)
(SY) DHINVP
(HM) *PYRIDINES
(PA) CHOLINE ACETYLTRANSFERASE/antag
(NO) RN given refers to (E)-isomer; RN for cpd without isomeric designation not in Chemline 9/83

N-(2,3-dihydro-1H-indan-4-yl)-2,5-dihydro-1H-imidazol-2-amine see indanazolin

3-(2,3-dihydro-1H-indol-1-yl) benzylmethylamine

(RN) 92083-23-3
(RR) 92083-24-4 (HCl)
(SY) 3-DIBM
(HM) *INDOLES
(PA) ANALGESICS
(NO) RN & structure from first source; RN not in Chemline 2/85; RN given refers to parent cpd

4,5-dihydro-2-(3-indolyl)mercaptoimidazole see tinazoline

dihydroisodrin

(RN) 2387-13-5
(RR) 10059-65-1 ((1alpha,4alpha,4abeta,5alpha,8alpha,8abeta)-isomer)
(HM) *HYDROCARBONS, CHLORINATED
(PA) INSECTICIDES, ORGANOCHLORINE
(NO) RN given refers to (1alpha,4alpha,4abeta,5beta,8beta,8abeta)-isomer; RN for cpd without isomeric designation not in Chemline 7/84

3,4-dihydroisonoracronycine

(HM) *ACRONINE/analogs
(NO) structure given in first source

dihydroisoperparine see drotaverin

dihydrokainate see dihydrokainic acid

dihydrokainic acid

(RN) 52497-36-6
(SY) dihydrokainate
(HM) KAINIC ACID/*analogs

13,14-dihydro-15-keto-PGD2 see 13,14-dihydro-15-ketoprostaglandin D2

13,14-dihydro-15-keto-PGE1 see 13,14-dihydro-15-ketoprostaglandin E1

13,14-dihydro-15-keto-PGE2 see 15-keto-13,14-dihydroprostaglandin E2

13,14-dihydro-15-keto-PGF2alpha see 15-keto-13,14-dihydroprostaglandin F2alpha

13,14-dihydro-15-ketoprostaglandin F2alpha see 15-keto-13,14-dihydroprostaglandin F2alpha

13,14-dihydro-15-keto-prostaglandin D2 see 13,14-dihydro-15-ketoprostaglandin D2

13,14-dihydro-15-ketoprostaglandin D2

(RN) 59894-07-4
(SY) 13,14-dihydro-15-keto-PGD2
(SY) 13,14-dihydro-15-keto-prostaglandin D2
(HM) *PROSTAGLANDINS D
(NO) PGD2 metabolite; RN given refers to (5Z,9alpha)-isomer; RN for cpd without isomeric designation not in Chemline 7/84

13,14-dihydro-15-ketoprostaglandin E1

(RN) 5094-14-4
(SY) 13,14-dihydro-15-keto-PGE1
(HM) ALPROSTADIL/*analogs
(NO) pulmonary metabolite of PGE1 in dogs; RN given refers to (11alpha)-isomer; RN for cpd without isomeric designation not in Chemline 7/84

13,14-dihydro-15-ketoprostaglandin E2 see 15-keto-13,14-dihydroprostaglandin E2

13,14-dihydro-15-ketoprostaglandin F see 15-keto-13,14-dihydroprostaglandin F2alpha

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24,25-dihydrolanosterol 14 alpha-oxidase
(RN) EC 1.14.13.-
(SY) 14 alpha-methyl sterol oxidase
(HM) *OXYGENASES
(NO) oxidatively removes the 14 alpha-methyl group of sterols as formic acid; cytochrome P-450 dependent

24,25-dihydrolanosterol see lanostenol

dihydrolipoamide
(RN) 3884-47-7
(RR) 4265-09-2 ((+-)-isomer)
(HM) LIPOIC ACID/*analogs
(NO) RN given refers to cpd without isomeric designation

dihydrolipoamide acetyltransferase
(RN) EC 2.3.1.12
(RR) 9032-29-5 (CRN)
(SY) dihydrolipoyl transacetylase
(SY) lipoate acetyltransferase
(HM) *ACETYLTRANSFERASES
(NO) part of the pyruvate dehydrogenase complex

dihydrolipoamide acyltransferase
(RN) EC 2.3.1.-
(SY) dihydrolipoyl transacylase
(HM) *ACYLTRANSFERASES
(NO) component of branched-chain 2-oxo acid dehydrogenase multienzyme complex

dihydrolipoamide succinyltransferase
(RN) EC 2.3.1.61
(RR) 9032-28-4 (CRN)
(SY) succinyl-CoA-dihydrolipoate-S-succinyltransferase
(SY) dihydrolipoyl transsuccinylase
(SY) lipoyl transsuccinylase
(SY) lipoate succinyltransferase
(SY) lipoamide succinyltransferase
(HM) *ACYLTRANSFERASES
(NO) component of the ketoglutarate dehydrogenase complex

dihydrolipoate
(RN) 462-20-4
(RR) 17123-48-7 (Na salt)
(RR) 7516-48-5 ((+-)-isomer)
(SY) dihydrothioctic acid
(HM) LIPOIC ACID/*analogs
(NO) RN given refers to parent cpd without isomeric designation

dihydrolipoyl transacetylase see dihydrolipoamide acetyltransferase

dihydrolipoyl transacylase see dihydrolipoamide acyltransferase

dihydrolipoyl transsuccinylase see dihydrolipoamide succinyltransferase

9,10-dihydrolysergic acid
(RN) 5878-43-3
(HM) *LYSERGIC ACID/analogs
(NO) RN given refers to (8beta)-isomer; RN for cpd without isomeric designation not in Chemline 6/84

9,10-dihydrolysergol
(RN) 57236-83-6
(RR) 51898-43-2 ((8alpha,10beta)-isomer)
(RR) 51153-15-2 ((8alpha)-isomer)
(RR) 18051-16-6 ((8beta)-isomer)
(HM) *LYSERGIC ACID/analogs
(NO) RN given refers to cpd without isomeric designation

3,4-dihydrometanicotine
(RN) 3000-74-6
(SY) 3,4-DMN
(HM) NICOTINE/*analogs
(NO) structure given in first source

15,16-dihydro-1,11-methanocyclopenta(a) phenanthren-17-one
(RN) 72041-34-0
(HM) *GONANES
(PA) CARCINOGENS
(NO) structure given in first source

3,4-dihydro-7-methoxy-2,2-dimethyl-2H-1- benzopyran-3,4-diol
(RN) 73385-34-9
(RR) 73385-40-7 ((trans)-isomer)
(SY) precocene I-3,4-dihydrodiol
(HM) *BENZOPYRANS
(NO) metabolite of precocene I; RN given for (cis)-isomer; RN for cpd without isomeric designation not in Chemline 7/83

3,4-dihydro-2-methoxy-2-methyl-4-phenyl-2H,5H-pyrano-(3,2-c)(1)-benzopyran-5-one see cyclocumarol

3-(3,4-dihydro-6-methoxy-2-naphthyl)-2,2-dimethylpentanoic acid see E696

3-((2,3-dihydro-5-methoxy-3-oxo-2-benzofuranyl)methyl) benzoic acid see LY 171859

4,5-dihydro-6-(2-(4-methoxyphenyl)-1H-benzimidazole-5-yl)-5-methyl-3(2H)-pyridazinone see pimobendan

1-(2-(4-(2,3-dihydro-5-methoxy-2-phenyl-1H-inden-1-yl) phenoxy)ethyl)pyrrolidine see E 1487

2-(p-(3,4-dihydro-6-methoxy-2-phenyl-1-naphthyl) phenoxy)triethylamine.HCl see U 10520A

3,4-dihydro-2-(p-methoxyphenyl)-1-naphthyl p-(2-(1-pyrrolidinyl)ethoxy)phenylketone see trioxifene

2,5-dihydro-2-(4-methoxyphenyl)-3H-pyrazolo(4,3-c) quinolin-3-one see CGS 9895

1,3-dihydro-5-methyl-2H-1,4-benzodiazepin-2-one see Ro 5-3663

15,16-dihydro-11-methylcyclopenta(a) phenanthren-17-one
(RN) 892-17-1
(SY) 11-methyl-15,16-dihydrocyclopenta(a)phenanthren-17-one
(HM) *GONANES
(PA) CARCINOGENS
(NO) structure

15,16-dihydro-12-methylcyclopenta(a) phenanthren-17-one
(RN) 789-46-8
(SY) DH-12-MCPPO
(HM) *GONANES
(NO) structure given in first source

1,3-dihydro-6-methyl-7-hydroxy-3-(4-chlorophenyl)furo (3,4-d)pyridine see cycletanide

4,9-dihydro-3-methyl-4-((4-methyl-1-piperazinyl) acetyl)-10H-thieno(3,4-b)(1,5)benzodiazepin-10-one see telenzepine

1,3-dihydro-4-methyl-5-(4-(methylthio)benzoyl)-2H-imidazol-2-one see MDL 17043

5,6-dihydro-2-methyl-1,4-oxathiin-3-carboxanilide 4,4-dioxide see oxycarboxin

1,6-dihydro-2-methyl-6-oxo-(3,4'-bipyridine)-5- carbonitrile see Win 47203

5,10-dihydro-5-methylphenazine
(RN) 20057-16-3
(RR) 53086-15-0 (radical ion(+))
(SY) MPH
(HM) *PHENAZINES

2,3-dihydro-7-methyl-9-phenyl-1H-pyrazolo(1,2-a)indazolium
(RN) 78299-79-3
(SY) DMPPIB
(SY) 2,3-dihydro-7-methyl-9-phenyl-1H-pyrazoro(1,2-a) indazolium bromide
(HM) *INDAZOLES
(PA) BRONCHODILATOR AGENTS
(NO) structure given in first source

2,3-dihydro-7-methyl-9-phenyl-1H-pyrazoro(1,2-a) indazolium bromide see 2,3-dihydro-7-methyl-9-phenyl-1H-pyrazolo(1,2-a) indazolium

3,4-dihydro-1-methyl-6-(1,4,5,6-tetrahydro-4-methyl-6-oxo-3-pyridazinyl)-2(1H)-quinolinone see Y 590

trans-5,10-dihydromirex see 5,10-dihydromirex

5,10-dihydromirex
(RN) 53207-72-0
(RR) 67650-31-1 (stereoisomer)
(RR) 81446-82-4 ((cis)-isomer)
(SY) cis-5,10-dihydromirex
(SY) trans-5,10-dihydromirex
(HM) *MIREX/analogs
(NO) metabolite of mirex

cis-5,10-dihydromirex see 5,10-dihydromirex

dihydromonacolin L
(HM) *NAPHTHALENES
(PA) ANTICHOLESTEREMIC AGENTS
(PA) ANTIBIOTICS
(NO) isolated from Monaseus ruber; MF: C19-H30-O3; structure given in first source

dihydromonocalcium phosphate see calcium phosphate

dihydromorphine binding sites see dihydromorphine receptor

dihydromorphine receptor
(SY) receptor, dihydromorphine
(SY) dihydromorphine binding sites
(SY) dihydromorphine receptors
(HM) *RECEPTORS, ENDORPHIN
(II) DIHYDROMORPHINE

dihydromorphine receptors see dihydromorphine receptor

5-dihydronandrolone see 5-dihydro-19-nortestosterone

1,2-dihydronaphthalene-1,2-diol see 1,2-dihydroxy-1,2-dihydronaphthalene

dihydroneopterin triphosphate
(RN) 20574-65-6
(RR) 17088-65-2 ((S-(R*,S*))-isomer)
(HM) *PTERIDINES
(NO) RN given refers to (R*,S*)-isomer; RN for cpd without isomeric designation not in Chemline 7/84

dihydronicotinamide
(HM) NICOTINAMIDE/*analogs

1,2-dihydronoracronycine
(HM) *ACRONINE/analogs
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(NO) structure given in first source

5-dihydro-19-nortestosterone
(RN) 1434-85-1
(RR) 19468-31-6 ((5beta,17beta)-isomer)
(SY) 5-dihydronandrolone
(HM) NANDROLONE/*analogs
(NO) RN given refers to (5 alpha,17 beta)-isomer; RN for cpd without isomeric designation not in Chemline 8/1/83

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2,3-dihydro-2(or 3)-hydroxy-2-methyl-3-phytyl-1,4-naphthoquinone see 3-hydroxy-2-methyl-3-phytyl-2,3-dihydronaphthoquinone

L-dihydroorotate see 4,5-dihydroorotic acid

5,6-dihydroorotate see 4,5-dihydroorotic acid

4,5-dihydroorotic acid
(RN) 155-54-4
(RR) 6202-10-4 ((DL)-isomer)
(RR) 5988-53-4 ((D)-isomer)
(RR) 5988-19-2 ((L)-isomer)
(SY) hydroorotic acid
(SY) 5,6-dihydroorotate
(SY) L-dihydroorotate
(HM) OROTIC ACID/*analogs
(NO) RN given refers to cpd without isomeric designation; structure

dihydroouabain
(RN) 1183-35-3
(HM) OUABAIN/*analogs
(NO) RN given refers to (1beta,3beta,5beta,11alpha,20xi)-isomer; RN for cpd without isomeric designation not in Chemline 7/25/83

2,3-dihydro-1,3-6H-oxazinedione see 3-oxauracil

5-(7-(4-(4,5-dihydro-2-oxazolyl)phenoxy)heptyl)-3-methylisoxazole see WIN 51711

6,7-dihydro-11-oxodibenz(b,e)oxepin-3-acetic acid see oxepinac

13,14-dihydro-15-oxoprostaglandin F see 15-keto-13,14-dihydroprostaglandin F2alpha

4-(4,10-dihydro-10-oxothieno(3,2-c)(1) benzoxepin-8-yl)butanol
(RN) 86223-08-7
(SY) 4-DOBBO
(HM) *BENZOXEPINS
(PA) ANALGESICS, ANTI-INFLAMMATORY
(NO) RN & structure given in first source; RN not in Chemline 4/84

4-(4,10-dihydro-10-oxothieno(3,2-c)(1) benzoxepin-8-yl)butyric acid
(RN) 88358-30-9
(SY) 4-DOBBA
(HM) *BENZOXEPINS
(HM) *BUTYRIC ACIDS
(PA) ANALGESICS, ANTI-INFLAMMATORY
(NO) RN & structure given in first source; RN not in Chemline

1,1-dihydroperfluoroheptyl acrylate
(RN) 559-11-5
(SY) acrylic acid 1,1-dihydroperfluoroheptyl ester
(SY) 2,2,3,3,4,4,5,5,6,6,7,7,7-tridecafluoroheptyl acrylate
(SY) 1,1-DPFHA
(HM) *FLUOROCARBONS

13,14-dihydro-PGE2 see U-42170

13,14-dihydro-PGF2alpha see 13,14-dihydroprostaglandin F2alpha

5,6-dihydro-PGI2 see 5,6-dihydroprostacyclin

5,6-dihydro-PGX see 5,6-dihydroprostacyclin

2,5-dihydrophenylalanine
(RN) 16055-12-2
(SY) 3-(1,4-cyclohexadienyl)-L-alanine
(HM) PHENYLALANINE/*analogs
(NO) structure

5-(4,5-dihydro-2-phenyl-3H-benz(e)indol-3-yl) salicylic acid see fendosal

3,7-dihydro-5-phenyl-6,7-dimethylpyrrole(3,4-e)(1,4) diazepin-2-(1H)-one see premazepam

4,5-dihydro-1-phenyl-1,4-epoxy-1 H,3 H-(1,4)oxazepino (4,3-a)benzimidazole see oxapadol

dihydrophytol see 3,7,11,15-tetramethyl-1-hexadecanol

dihydropicrotoxinin
(RN) 17617-46-8
(SY) alpha-dihydropicrotoxinin
(HM) PICROTOXIN/*analogs

dihydropicrotoxinin binding sites see dihydropicrotoxinin receptor

dihydropicrotoxinin receptor
(SY) dihydropicrotoxinin receptors
(SY) receptor, dihydropicrotoxinin
(SY) dihydropicrotoxinin binding sites
(HM) *RECEPTORS, GABA-BENZODIAZEPINE
(II) PICROTOXIN/analogs

dihydropicrotoxinin receptors see dihydropicrotoxinin receptor

(S)-2-(4,5-dihydro-5-propyl-2(3H)- furylidene)-1,3-cyclopentanedione see oudenone

5,6-dihydroprostacyclin
(RN) 62770-50-7
(RR) 67008-19-9 ((9alpha,11alpha,13E,15S)-isomer)
(RR) 66101-23-3 ((6S,9alpha,11alpha,13E,15S)-(+-)-isomer)
(RR) 66101-22-2 ((6R,9alpha,11alpha,13E,15S)-(+-)-isomer)
(RR) 62777-90-6 ((6R,9alpha,11alpha,13E,15S)-isomer)
(SY) 6 beta-PGI1
(SY) 5,6 beta-dihydro-PGI2
(SY) 5,6-dihydroprostaglandin I2
(SY) 5,6-dihydro-PGI2
(SY) 6beta-PGI1
(SY) 5,6-dihydro-PGX
(HM) *PROSTAGLANDINS X
(II) PROSTAGLANDINS, SYNTHETIC
(NO) RN given refers to (6S,9alpha,11alpha,13E,15S)-isomer; RN for cpd without isomeric designation not in Chemline 7/25/83

13,14-dihydro-prostaglandin F2alpha see 13,14-dihydroprostaglandin F2alpha

13,14-dihydroprostaglandin F2alpha
(RN) 27376-74-5
(RR) 33431-00-4 ((5Z,9alpha,11alpha)-isomer)
(SY) 13,14-dihydro-PGF2alpha
(SY) 13,14-dihydro-prostaglandin F2alpha
(HM) *PROSTAGLANDINS F
(PA) LUTEOLYTIC AGENTS
(NO) RN given refers to (5Z,9alpha,11alpha,15S)-isomer; RN for cpd without isomeric designation not in Chemline 7/84

13,14-dihydroprostaglandin E2 see U-42170

5,6-dihydroprostaglandin I2 see 5,6-dihydroprostacyclin

4',5'-dihydropsoralen
(RN) 7535-48-0
(HM) *PSORALENS
(NO) structure

dihydropteroate
(RN) 2134-76-1
(HM) *PTERINS
(NO) structure

dihydropyridine see 1,4-dihydropyridine

1,4-dihydropyridine calcium antagonist receptors see calcium channel blocker receptor

1,4-dihydropyridine
(RN) 3337-17-5
(RR) 27790-75-6 (unspecified locants)
(SY) dihydropyridine
(HM) *PYRIDINES

dihydropyrimidinase
(RN) EC 3.5.2.2
(RR) 9030-74-4 (CRN)
(SY) hydantoinase
(SY) hydropyrimidine hydrase
(SY) DHPase
(SY) dihydropyrimidine acid hydrolase
(HM) *AMIDOHYDROLASES

dihydropyrimidine acid hydrolase see dihydropyrimidinase

dihydropyrimidine dehydrogenase see dihydrouracil dehydrogenase(NADP)

5,6-dihydropyrimidines
(HM) *PYRIMIDINES

3,4-dihydro-2H-pyrrole-5-carboxylic acid see delta-1-pyrroline-2-carboxylate

dihydroquercetin see taxifolin

dihydroqueuine-tRNA see tRNA, dihydroqueuine-

dihydroquinghaosu
(RN) 71939-50-9
(RR) 81496-82-4 ((3R-(3alpha,5abeta,6beta,8abeta,9alpha,10alpha,12alpha,12a-R*))-isomer)
(RR) 81496-81-3 ((3R-(3alpha,5abeta,6beta,8abeta,9alpha,10beta,12alpha,12aR-*))-isomer)
(SY) dihydroartemisinine
(HM) *SESQUITERPENES
(NO) derivative of antimalarial drug quinghaosu; RN given refers to cpd without isomeric designation; structure given in first source

dihydroquinidine see hydroquinidine

dihydroquinine see hydroquinidine

13-cis-7,8-dihydroretinoic acid methyl ester see methyl 7,8-dihydroretinoate

7,8-dihydrorhodopsin
(SY) 9-cis-7,8-dihydrorhodopsin
(SY) 7,8-DHR
(HM) *RHODOPSIN/analogs

9-cis-7,8-dihydrorhodopsin see 7,8-dihydrorhodopsin

20-dihydrorosaramicin see antibiotics M-4365

1',2'-dihydrorotenone
(RN) 6659-45-6
(HM) ROTENONE/*analogs
(NO) RN given refers to (2R-(2alpha,6aalpha,12aalpha))-isomer; RN for cpd without isomeric designation not in Chemline 5/85; structure given in first source

25-dihydrosaframycin A
(RN) 81382-09-4
(HM) ISOQUINOLINES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) from saframycin A by microbial conversion; structure given in first source

dihydrosafrole
(RN) 94-58-6
(SY) 1,3-benzodioxole, 5-propyl-
(HM) *SAFROLE/analogs

dihydrositosterol see stigmastanol

dihydrosphingosine see sphinganine

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dihydrosphingosine reductase
(RN) EC 1.3.99.-
(SY) sphinganine reductase
(SY) flavoprotein dihydrosphingosine reductase
(HM) *OXIDOREDUCTASES

1,2-dihydrospirorenone
(RN) 67392-87-4
(SY) 1,2-dihydro-spirorenone
(HM) *ANDROSTENES
(PA) ALDOSTERONE ANTAGONISTS
(NO) structure given in first source

1,2-dihydro-spirorenone see 1,2-dihydrospirorenone

dihydrosterculic acid
(RN) 5711-28-4
(RR) 4675-61-0 ((cis)-isomer)
(RR) 29203-99-4 ((trans)-isomer)
(SY) 9,10-methyleneoctadecanoic acid
(SY) cis-9,10-methyleneoctadecanoic acid
(HM) *FATTY ACIDS
(NO) RN given refers to cpd without isomeric designation

1,2-dihydrostilbene
(RN) 103-29-7
(SY) 1,1'-(1,2-ethanediyl)bis(benzene)
(HM) *STILBENES
(NO) intermdiate in biosynthesis of dihydrophenanthrenes from phenylalanine

dihydroteleocidin B
(RN) 7491-76-1
(HM) *LYNGBYA TOXINS
(PA) CARCINOGENS
(II) IRRITANTS
(NO) structure

4,5-dihydrotestolactone
(RN) 4269-77-6
(SY) 13-hydroxy-3-oxo-13,17-secoandrost-1-en-17-oic acid delta lactone
(HM) TESTOLACTONE/*analogs
(NO) RN given refers to (D-(5beta))-isomer; RN for cpd without isomeric designation not in Chemline 11/83; structure given in first source

dihydrotestosterone benzoate see stanolone benzoate

dihydrotestosterone-binding protein see dihydrotestosterone binding protein

dihydrotestosterone binding protein
(SY) stanolone binding protein
(SY) dihydrotestosterone-binding protein
(SY) stanolone-binding protein
(HM) *ANDROGEN-BINDING PROTEINS
(II) STANOLONE

dihydrotestosterone 17-bromoacetate see 5 alpha-dihydrotestosterone 17-bromoacetate

dihydrotestosterone glucuronide
(RN) 42037-24-1
(RR) 42037-22-9 ((5beta,17beta)-isomer)
(SY) stanolone glucuronate
(HM) STANOLONE/*analogs
(NO) RN given refers to (5alpha,17beta)-isomer; RN for cpd without isomeric designation not in Chemline 7/84

dihydrotestosterone propionate
(RN) 855-22-1
(RR) 18179-14-1 ((5beta,17beta)-isomer)
(SY) androstanolone propionate
(HM) STANOLONE/*analogs
(NO) RN given refers to (5alpha,17beta)-isomer; RN for cpd without isomeric designation not in Chemline 7/25/83; structure

dihydrotestosterone receptors see stanolone receptor

dihydrotetrabenazine
(RN) 3466-75-9
(RR) 85081-18-1 ((2alpha,3beta,11bbeta)-isomer)
(SY) 2-hydroxy-3-isobutyl-9,10-dimethoxy-1,2,3,4,6,7-hexahydro-11bH-benzo(a)quinolizine
(HM) TETRABENAZINE/*analogs
(NO) RN given refers to cpd without isomeric designation

6,7-dihydro-6,8,8,10-tetramethyl-8H-pyrano(3,2-g)chromone-2-carboxylic acid
(SY) EAA chromone
(HM) *CHROMONES
(PA) HISTAMINE ANTAGONISTS
(PA) SUBSTANCE P/antag
(NO) inhibits substance P-induced histamine release from mast cells; structure given in first source

7,8-dihydrothiazole(3,2e)hypoxanthine see NPT 16416

2,3-dihydrothiazole
(RN) 6569-17-1
(HM) *THIAZOLES

dihydrothioctic acid see dihydrolipoate

dihydrothymine dehydrogenase see dihydrouracil dehydrogenase

dihydrothymine dehydrogenase (NADP) see dihydrouracil dehydrogenase(NADP)

5,6-dihydrothymine
(RN) 696-04-8
(SY) 5-methyldihydrouracil
(HM) THYMINE/*analogs

3,4-dihydro-3,6,8-trihydroxy-1-(2H)-naphthalenone see scytalone

9,10-dihydro-N,N-10-trimethyl-2- (trifluoromethyl)-9-anthraceneproponamine see fluotracen

2,3-dihydrotryptophan
(RN) 7536-97-2
(HM) TRYPTOPHAN/*analogs
(NO) RN given refers to L-isomer; RN for cpd without isomeric designation not in Chemline 3/85

dihydroubiquinone cytochrome c oxidoreductase see ubiquinol-cytochrome C reductase

dihydrouracil
(RN) 504-07-4
(HM) URACIL/*analogs

dihydrouracil dehydrogenase
(RN) EC 1.3.1.1
(RR) 9026-89-5 (CRN)
(SY) dihydrothymine dehydrogenase
(HM) *OXIDOREDUCTASES
(NO) uses NAD

dihydrouracil dehydrogenase(NADP)
(RN) EC 1.3.1.2
(SY) dihydrothymine dehydrogenase (NADP)
(SY) dihydropyrimidine dehydrogenase
(HM) *OXIDOREDUCTASES
(NO) also acts on dihydrothymine forming thymine

dihydrouracil oxidase
(RN) EC 1.3.3.-
(HM) *OXIDOREDUCTASES
(NO) oxygen dependent; no cofactor required, forms uracil irreversibly; enzyme from Rhodosporidium toruloides

5,6-dihydrouridine
(RN) 5627-05-4
(HM) URIDINE/*analogs

dihydrovitamin K3 see menadiol

dihydrowisanine
(RN) 62926-59-4
(HM) *ALKALOIDS
(PA) SEDATIVES, NONBARBITURATE
(NO) from roots of Piper guineense; RN given refers to (E)-isomer; RN for cpd without isomeric designation not in Chemline 3/84

dihydroxyacetone kinase
(RN) EC 2.7.1.-
(HM) *PHOSPHOTRANSFERASES, ATP

dihydroxyacetone-phosphate acyltransferase
(RN) EC 2.3.1.42
(RR) 37257-19-5 (CRN)
(SY) acyl CoA-dihydroxyacetone phosphate acyltransferase
(SY) DHAP-acyltransferase
(HM) *ACYLTRANSFERASES

dihydroxyacetone synthase
(RN) EC 2.2.1.-
(HM) *TRANSFERASES
(NO) from yeast; formaldehyde plus xylulose-5-phosphate yields glyceraldehydephosphate & dihydroxyacetone

3,4-dihydroxyacetophenone
(RN) 1197-09-7
(SY) qingxintong
(HM) *ACETOPHENONES
(PA) ANTI-ARRHYTHMIA AGENTS
(NO) shortens action potential duration of cardiac cells

dihydroxyacid dehydratase
(RN) EC 4.2.1.9
(RR) 9024-32-2 (CRN)
(HM) *HYDRO-LYASES

2,8-dihydroxyadenine
(RN) 30377-37-8
(SY) 6-amino-2,8-dihydroxypurine
(HM) ADENINE/*analogs
(NO) xanthine oxidase reacted adenine metabolite in epidermis of hairless mice; component of urinary stores; structure

2,3-dihydroxyalclofenac
(RN) 41451-01-8
(RR) 33697-82-4 ((+-)-isomer)
(SY) 3-chloro-4-(2,3-dihydroxypropoxy)benzeneacetic acid
(HM) *ALCLOFENAC/analogs
(NO) metabolite of alclofenac; RN given refers to cpd without isomeric designation

3,4-dihydroxy-5-(4-allylphenoxy)cinnamic aldehyde see obovatal

3,4-dihydroxy-alpha-(1-(methylamino)ethyl)benzyl aldohol see alpha-methylepinephrine

5,6-dihydroxy-alpha-naphthoflavone see alpha-naphthoflavone-5,6-dihydrodiol

7,8-dihydroxy-alpha-naphthoflavone see alpha-naphthoflavone-7,8-dihydrodiol

dihydroxyaluminum allantoinate
(RN) 5579-81-7
(SY) aldioxa
(HM) *ALUMINUM HYDROXIDE
(HM) ALLANTOIN/*analogs
(PA) ANTACIDS

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dihydroxyaluminum sodium carbonate
(RN) 12011-77-7
(RR) 34345-99-8 (K salt)
(SY) Kompensan
(SY) dawsonite
(SY) dihydroxy sodium aluminum carbonate
(HM) ALUMINUM HYDROXIDE/*analogs
(PA) ANTACIDS
(NO) RN given refers to Na salt; RN for parent cpd not in Chemline 7/84

6,7-dihydroxy-2-aminotetralin see ADTN

dihydroxyanthracenedione see mitoxantrone

dihydroxyanthraquinone see mitoxantrone

4,5-dihydroxyanthraquinone-2-carboxylic acid see rhein

1,2-dihydroxyanthraquinone see alizarin

1,4-dihydroxyanthraquinone
(RN) 81-64-1
(RR) 1322-60-7 (cpd with unspecified locants)
(HM) *ANTHRAQUINONES
(NO) structure given in first source

1,8-dihydroxyanthraquinone see danthron

4,4'-dihydroxyantipyrine
(RN) 72732-51-5
(SY) 4,4'-dihydroxyphenazone
(HM) ANTIPYRINE/*analogs
(NO) important metabolite of antipyrine; structure given in first source

4,4'-dihydroxyazobenzene see 4,4'-azobis(phenol)

N-(3-(2,3-dihydroxybenzamido)propyl)-1,3-bis((2,3-dihydroxyphenyl)-trans-5-methyl-2-oxazoline-4-carboxamido)propane see vibriobactin

N-(3-(2,3-dihydroxybenzamido)propyl)-N-(4-(2,3-dihydroxybenzamido)butyl)-2-(2,3-dihydroxyphenyl)-trans-5-methyl-oxazoline-4-carboxamide see agrobactin

2,4-dihydroxy-5-(2-benzimidazolylazo) benzoic acid
(SY) BIAREZ-B
(HM) *HYDROXYBENZOIC ACIDS
(NO) structure given in first source

2,3-dihydroxybenzoate see 2-pyrocatechuic acid

3,4-dihydroxybenzohydroxamic acid see NSC 324360

2,6-dihydroxybenzoic acid 4'-bromanilide see resorantel

2,3-dihydroxybenzoic acid see 2-pyrocatechuic acid

2,5-dihydroxybenzoic acid
(RN) 490-79-9
(RR) 4955-90-2 (mono-Na salt)
(RR) 86820-65-7 (Na salt,unspecified locants)
(RR) 27138-57-4 (cpd with unspecified locants)
(SY) gentisic acid
(HM) *HYDROXYBENZOIC ACIDS
(NO) RN given refers to parent cpd

3,4-dihydroxybenzoic acid see protocatechuic acid

(2,3-dihydroxybenzoyl)alanylthreonine see Bu 2743E

(2,3-dihydroxybenzoyl)-L-alanyl-L-threonine see Bu 2743E

N-(2,3-dihydroxybenzoyl)threonyl-(N-omega-acetyl-N-omega-hydroxy)ornithine see vanoxonin

3,4-dihydroxybenzylamine
(RN) 37491-68-2
(RR) 16290-26-9 (HBr)
(RR) 1124-40-9 (HCl)
(HM) DOPAMINE/*analogs
(NO) RN given refers to parent cpd; structure

2-(3,4-dihydroxybenzyl)imidazoline
(RN) 72143-18-1
(RR) 85612-41-5 (mono-HCl)
(SY) 2-DHBI
(HM) TOLAZOLINE/*analogs
(NO) RN given refers to parent cpd

1-(3,4-dihydroxybenzyl)isoquinoline-6,7-diol see papaveroline

7,12-dihydroxy-3-O-(beta-D-glucopyranosyluronate)-5-cholan-24-oate see cholic acid glucuronide

4,4'-dihydroxybiphenyl-O-disulfonic acid
(RN) 5314-37-4
(RR) 31139-42-1 (di-Na salt)
(RR) 15807-67-7 (di-K salt)
(SY) DOHBPSA
(HM) *BIPHENYL COMPOUNDS

2,3-dihydroxybiphenyl oxygenase
(RN) EC 1.13.11.-
(SY) 2,3-OHBP oxygenase
(HM) *OXYGENASES
(NO) forms meta cleavage cpd 2-hydroxy-6-oxo-6-phenylhexa-2,4-dienoate

2,2'-dihydroxybiphenyl see 2,2'-biphenol

4,4'-dihydroxybiphenyl
(RN) 92-88-6
(RR) 37132-03-9 (ion(1+))
(RR) 19480-93-4 (di-Na salt)
(RR) 24377-78-4 (di-K salt)
(RR) 54614-69-6 (mono-Na salt)
(RR) 26983-52-8 ((ar,ar'-diol)-isomer)
(HM) *BIPHENYL COMPOUNDS
(NO) RN given refers to parent cpd without isomeric designation

1,4-dihydroxy-5,8-bis((2-((2-hydroxyethyl)amino)ethyl) amino)-9,10-anthracenedione see mitoxantrone

1,4-dihydroxy-5,8-bis(((2-hydroxyethyl)amino)ethyl) amino-9,10-anthracenedione see mitoxantrone

dihydroxyboryl-Bio-Rex 70
(HM) *BORON COMPOUNDS
(II) CATION EXCHANGE RESINS

dihydroxyboryl cellulose
(RN) 37305-98-9
(SY) dihydroxyboryl-matrix gel
(HM) CELLULOSE/*analogs

dihydroxyboryldeoxyuridine
(SY) DHBDU
(HM) DEOXYURIDINE/*analogs
(HM) *BORON COMPOUNDS
(NO) borated analog of deoxyuridine; B(OH)2dUrd

dihydroxyboryl-matrix gel see dihydroxyboryl cellulose

2,3-dihydroxy-6-bromopyrazino(2,3b) pyrazine
(RN) 22855-28-3
(SY) 6-bromopyrazino(2,3-b)pyrazine-2,3-diol
(HM) *PYRAZINES
(PA) ANTIVIRAL AGENTS

L-dihydroxybusulfan see treosulfan

(R*,R*)-(+-)-2,3-dihydroxybutanedioic acid, monoammonium monosodium salt see tartaric acid

3,4-dihydroxybutanoic acid
(RN) 1518-61-2
(RR) 51267-44-8 ((S)-isomer)
(RR) 40951-20-0 (mono-Na salt)
(SY) 2-deoxytetronic acid
(HM) *HYDROXYBUTYRATES
(PA) APPETITE DEPRESSANTS
(NO) endogenous sugar acid from serum of fasted rates acting as satiety factor in rats; RN given refers to parent cpd

dihydroxybutyl ether see 4,4'-oxydi-2-butanol

9-(3,4-dihydroxybutyl)guanine
(RN) 83470-64-8
(SY) DHBG
(HM) ACYCLOVIR/*analogs
(PA) ANTIVIRAL AGENTS
(NO) structure given in first source

3,4-dihydroxybutyl-1-phosphonic acid
(RN) 37636-10-5
(RR) 55658-65-6 ((+-)-isomer)
(RR) 36950-97-7 (di-Li salt)
(HM) *BUTANEDIOLS
(NO) RN given refers to parent cpd without isomeric designation

10,11-dihydroxycarbamazepine see 10,11-dihydro-10,11-dihydroxy-5H-dibenzazepine-5-carboxamide

2,4-dihydroxy-6-carboxamide-1,3,5-triazine see allantoxanamide

1,6-dihydroxy-2-chlorophenazine
(RN) 93768-40-2
(HM) PHENAZINES
(PA) ANTIBIOTICS, ANTIFUNGAL
(NO) from genus Streptosporangium; structure given in first source

1,25-dihydroxycholecalciferol-26-23-lactone see 1 alpha,25-dihydroxyvitamin D3-26,23-lactone

1,24-dihydroxycholecalciferol receptors see 1,24-dihydroxycholecalciferol receptor

1,25-dihydroxycholecalciferol receptors see 1,25-dihydroxycholecalciferol receptor

1,24-dihydroxycholecalciferol receptor
(SY) 1 alpha,24-dihydroxyvitamin D3 receptor
(SY) receptor, 1,24-dihydroxycholecalciferol
(SY) 1,24-dihydroxycholecalciferol receptors
(SY) 1 alpha,24-dihydroxyvitamin D3 receptors
(SY) receptor, 1 alpha,24-dihydroxyvitamin D3
(HM) *RECEPTORS, STEROID
(II) DIHYDROXYCHOLECALCIFEROLS

1,25-dihydroxycholecalciferol receptor
(SY) 1,25-dihydroxyvitamin D3 receptor
(SY) 1,25-dihydroxyvitamin D3 binding protein
(SY) 1,25-(OH)2D3 binding protein
(SY) 1 alpha,25-dihydroxyvitamin D3 receptor
(SY) DHVD3 RCPT
(SY) calcitriol receptor
(SY) calcitriol receptors
(SY) receptor, calcitriol
(SY) 1,25-dihydroxycholecalciferol receptors
(SY) receptor, 1,25-dihydroxycholecalciferol
(SY) 1,25-dihydroxyvitamin D3 receptors
(SY) receptor, 1,25-dihydroxyvitamin D3
(SY) aporeceptor, calcitriol
(SY) holoreceptor, calcitriol
(HM) *RECEPTORS, STEROID
(II) CALCITRIOL
(NO) several discreet forms recognized

1,24-dihydroxycholecalciferol see 1 alpha,24-dihydroxyvitamin D3

23,25-dihydroxycholecalciferol see 23,25-dihydroxyvitamin D3

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24R,25-dihydroxycholecalciferol see 24,25-dihydroxyvitamin D3

24,25-dihydroxycholecalciferol see 24,25-dihydroxyvitamin D3

25,26-dihydroxycholecalciferol

(RN) 29261-12-9
(RR) 42737-59-7 ((3beta,5Z,7E,25S)-isomer)
(RR) 42737-58-6 ((3beta,5Z,7E,25R)-isomer)
(RR) 54019-65-7 ((3beta-6Z)-isomer)
(SY) 25,26-dihydroxyvitamin D3
(HM) *DIHYDROXYCHOLECALCIFEROLS
(NO) RN given refers to (3beta,5A,7E)-isomer; RN for cpd without isomeric designation not in Chemline 7/25/83

3,7-dihydroxychol-5-enoic acid

(RN) 19246-13-0
(RR) 25218-37-5 ((3alpha,7alpha)-isomer)
(RR) 25218-36-4 ((3alpha,7beta)-isomer)
(RR) 19141-11-8 ((3beta,7beta)-isomer)
(RR) 2312-08-5 ((3alpha,5beta,7alpha)-isomer)
(SY) 3 beta,7 alpha-dihydroxychol-5-enoic acid
(SY) 3,7-dihydroxychol-5-en-24-oic acid
(HM) CHENODEOXYCHOLIC ACID/*analogs
(NO) precursor of allochenodeoxycholic acid; RN given refers to (3beta,7alpha)-isomer; RN for cpd without isomeric designation not in Chemline 10/11/83

3,7-dihydroxychol-5-en-24-oic acid see 3,7-dihydroxychol-5-enoic acid

3,7-dihydroxycholestane see dihydroxycoprostane

(20R,22R)-20,22-dihydroxycholesterol see 20,22-dihydroxycholesterol

20,22-dihydroxycholesterol

(RN) 596-94-1
(RR) 4005-81-6 ((3beta)-isomer)
(RR) 26649-05-8 ((3beta,22S)-isomer)
(RR) 27948-50-1 ((3beta,20S,20R)-isomer)
(SY) (20R,22R)-20,22-dihydroxycholesterol
(SY) 20 alpha,22R-dihydroxycholesterol
(HM) *HYDROXYCHOLESTEROLS
(NO) RN given refers to (3beta,22R)-isomer; RN for cpd without isomeric designation not in Chemline 7/25/83

6,7-dihydroxy-3-chromanamine see ADTN

2,3-dihydroxycinnamic acid

(HM) *CINNAMATES

3,4-dihydroxycinnamic acid see caffeic acid

3,5-dihydroxycinnamic acid

(HM) *CINNAMATES

dihydroxycoprostane

(RN) 3862-26-8
(RR) 30100-86-8 ((3alpha,6alpha,7alpha)-isomer)
(RR) 7554-76-9 ((3beta,5alpha,7alpha)-isomer)
(SY) 3,7-dihydroxycholestane
(SY) 5 beta-cholestane-3 alpha,7 alpha-diol
(HM) *CHOLESTANOLS
(NO) intermediate in bile acid synthesis in the liver; enhance rate of prophyria synthesis in cultured liver cells by induction of delta-aminolevulinic acid synthetase; RN given refers to (3alpha,5beta,7alpha)-isomer; RN for cpd without isomeric designation not in Chemline 7/84; structure

6,7-dihydroxycoumarin see esculetin

5,6-dihydroxycyclohexa-1,3-diene

(RN) 75453-80-4
(RR) 18905-30-1 ((trans)-isomer)
(RR) 17793-95-2 ((cis)-isomer)
(SY) benzene cis-glycol
(HM) *CYCLOHEXANOLS
(NO) RN given refers to cpd without isomeric designation; structure given in first source

7-(3,4-trans-4,5-cis-dihydroxy-1-cyclopenten-3-ylaminomethyl)-7-deazaguanine see queuine

4,5-dihydroxy-n-decanoic acid-4-lactone

(RN) 87877-77-8
(SY) 4,5-DDAL
(HM) *4-BUTYROLACTONE/analogs
(NO) from Streptomyces griseus; biologically inactive

4,5-dihydroxy-2,3-decenal

(SY) 4,5-dihydroxy-2,3-decene aldehyde
(SY) 4,5-DHDA
(HM) *ALDEHYDES
(NO) cytotoxic cpd originating from peroxidation of liver microsomal lipids; structure given in first source

4,5-dihydroxy-2,3-decene aldehyde see 4,5-dihydroxy-2,3-decenal

1,24-dihydroxy-22-dehydrocholecalciferol see 1,24-dihydroxy-22-dehydrovitamin D3

1,24-dihydroxy-22-dehydrovitamin D3

(RN) 95270-41-0
(RR) 95270-42-1 ((1alpha,3beta,5Z,7E,22E,24S)-isomer)
(SY) 1,24-dihydroxy-22-dehydrocholecalciferol
(SY) 1,24-OH-22-DH-D3
(HM) *DIHYDROXYCHOLECALCIFEROLS
(NO) RN given refers to (1alpha,3beta,5Z,7E,22R,24S)-isomer; RN for cpd without isomeric designation not available 7/85

3',11-dihydroxy-delta(9)-tetrahydrocannabinol

(RN) 59652-70-9
(SY) 3',11-dihydroxytetrahydrocannabinol-delta(9)
(SY) 3',11-dihydroxy-THC
(HM) TETRAHYDROCANNABINOL/*analogs
(NO) biologically active metabolite of THC; structure given in first source

18,19-dihydroxydeoxycorticosterone

(RN) 84356-52-5
(SY) 18,19-dihydroxydesoxycorticosterone
(SY) 18,19-DH-DOCA
(HM) 18-HYDROXYDESOXYCORTICOSTERONE/*analogs

16,18-dihydroxydesoxycorticosterone see 16 alpha,18-dihydroxydeoxycorticosterone

18,19-dihydroxydesoxycorticosterone see 18,19-dihydroxydeoxycorticosterone

dihydroxydibutylether see 4,4'-oxydi-2-butanol

3,3'-dihydroxydibutyl ether see 4,4'-oxydi-2-butanol

7,8-dihydroxy-N,N-didesmethylchlorpromazine

(RN) 95574-30-4
(SY) 7,8-DHDDM-chlorpromazine
(HM) CHLORPROMAZINE/*analogs
(PA) ADENYL CYCLASE/antag
(NO) RN from Toxline; RN not in Chemline 7/85; structure given in first source

3',6'-dihydroxy-3',5'-diepidaunorubicin

(SY) 3,6-DDED
(HM) DAUNORUBICIN/*analogs

3,4-dihydroxy-3,4-dihydrobenz(a)anthracene see benzanthracene-3,4-dihydrodiol

1,2-dihydroxy-1,2-dihydrobenzo(c)phenanthrene see benzo(c)phenanthrene 1,2-dihydrodiol

3,4-dihydroxy-3,4-dihydrobenzo(c)phenanthrene see benzo(c)phenanthrene 3,4-dihydrodiol

5,6-dihydroxy-5,6-dihydrobenzo(c)phenanthrene see benzo(c)phenanthrene 5,6-dihydrodiol

trans-7,8-dihydroxy-7,8-dihydrobenzo(a)pyrene see benzo(a)pyrene 7,8-dihydrodiol

7,8-dihydroxy-7,8-dihydrobenzo(a)pyrene see benzo(a)pyrene 7,8-dihydrodiol

9,10-dihydroxy-9,10-dihydrobenzo(a)pyrene see 9,10-dihydro-9,10-dihydroxybenzo(a)pyrene

trans-9,10-dihydroxy-9,10-dihydrobenzo(e)pyrene see 9,10-dihydroxy-9,10-dihydrobenzo(e)pyrene

9,10-dihydroxy-9,10-dihydrobenzo(e)-pyrene

(RN) 88190-97-0
(RR) 74634-55-2 ((trans)-(+-)-isomer)
(RR) 66788-06-5 ((trans)-isomer)
(SY) trans-9,10-dihydro-9,10-dihydroxybenzo(e)pyrene
(SY) benzo(e)pyrene-trans-9,10-dihydrodiol
(SY) trans-9,10-dihydroxy-9,10-dihydrobenzo(e)pyrene
(HM) *BENZOPYRENES
(NO) RN given refers to cpd without isomeric designation; structure

4,5-dihydroxy-4,5-dihydrobenzo(a)pyrne

(RN) 28622-84-6
(RR) 64474-18-6 ((4S-trans)-isomer)
(RR) 62600-10-6 ((4R-trans)-isomer)
(RR) 72040-29-0 ((4S-cis)-isomer)
(RR) 72040-30-3 ((4R-cis)-isomer)
(RR) 37571-88-3 ((trans)-isomer)
(RR) 50700-50-0 ((trans)-(+-)-isomer)
(RR) 51689-89-5 ((cis)-isomer)
(SY) benzo(a)pyrene-4,5-dihydrodiol
(SY) 4,5-dihydro-4,5-dihydroxybenzo(a)pyrene
(SY) benzo(a)pyrene-4,5-dihydrodiol
(HM) *BENZOPYRENES
(PA) CARCINOGENS
(NO) RN given refers to cpd without isomeric designation

trans-3,4- dihydroxy-3,4-dihydrochrysene see chrysene-3,4-dihydrodiol

trans- 5,6-dihydroxy-5,6-dihydrochrysene see chrysene-5,6-dihydrodiol

trans-1,2-dihydroxy-1,2-dihydrodibenzo(a,h)anthracene see dibenzoanthracene-1,2-dihydrodiol

trans-3,4-dihydroxy-3,4-dihydrodibenzo(a,h)anthracene see dibenzoanthracene-3,4-dihydrodiol

7,8-dihydroxy-7,8-dihydro-8-methylbenzo(a)pyrene

(RN) 89524-80-1
(SY) trans-7,8-dihydroxy-7,8-dihydro-8-methylbenzo(a)pyrene
(SY) 7,8-DDMBP
(HM) *BENZOPYRENES
(NO) putative oxidized metabolite of 8-methylbenzo(a)pyrene; structure given in first source

trans-7,8-dihydroxy-7,8-dihydro-8-methylbenzo(a)pyrene see 7,8-dihydroxy-7,8-dihydro-8-methylbenzo(a)pyrene

trans-1,2-dihydroxy-1,2-dihydronaphthalene see 1,2-dihydroxy-1,2-dihydronaphthalene

1,2-dihydroxy-1,2-dihydronaphthalene

(RN) 7234-04-0
(RR) 81655-35-8 ((cis)-(+-)-isomer)
(RR) 62697-15-8 ((trans-(+-)-isomer)
(RR) 31966-70-8 ((cis)-isomer)
(RR) 19216-89-8 ((trans)-(-)-isomer)
(RR) 13011-97-7 ((1S-trans)-isomer)
(RR) 771-16-4 ((trans)-isomer)
(SY) 1,2-dihydronaphthalene-1,2-diol
(SY) trans-1,2-dihydroxy-1,2-dihydronaphthalene
(HM) *NAPHTHOLS
(NO) naphthalene metabolite; RN given refers to cpd without isomeric designation

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9,10–dihydroxy–9,10–dihydrophenanthrene
(RN) 25061–77–2
(RR) 25061–61–4 (trans–(+–)–isomer)
(RR) 2510–71–6 ((cis)–isomer)
(RR) 572–41–8 ((trans)–isomer)
(RR) 64440–29–5 ((9R–trans)–isomer)
(RR) 23190–41–2 ((9S–trans)–isomer)
(HM) *PHENANTHRENES
(NO) RN given refers to cpd without isomeric designation; structure given in first source

5,6–dihydroxy–5,6–dihydrothymidine see thymidine glycol

5,6–dihydroxydihydrothymine see thymine glycol

5,6–dihydroxy–5,6–dihydrothymine see thymine glycol

7',12'–dihydroxy–6,6'–dimethoxy–2,2,2',2'–tetramethyltubocurarranium see curarine

5,6–dihydroxy–2–dimethylaminotetralin see M–7

6,7–dihydroxy–2–dimethylaminotetralin see TL–99

2,4–dihydroxy–3,3–dimethylbutyric acid gamma–lactone see pantolactone

1,25–dihydroxy–26,27–dimethylcholecalciferol
(SY) 1,25–dihydroxy–26,27–dimethylvitamin D3
(SY) 26,27–dimethylcalcitriol
(HM) CALCITRIOL/*analogs
(NO) more active than calcitriol; structure given in first source

1,25–dihydroxy–26,27–dimethylvitamin D3 see 1,25–dihydroxy–26,27–dimethylcholecalciferol

2,2'–dihydroxy–6,6'–dinaphthyldisulfide
(RN) 6088–51–3
(HM) *DISULFIDES
(II) SULFHYDRYL REAGENTS
(NO) structure

dihydroxydiphenyl–pyridyl methane
(RN) 603–41–8
(SY) DDPM
(SY) deacetylbisacodyl
(SY) desacetylbisacodyl
(SY) desacetyl–bisacodyl
(HM) *BISACODYL/analogs
(PA) CATHARTICS

1,2–dihydroxy–6–((N–dipropyl)amino)–6,7,8,9–tetrahydrobenzocycloheptene
(RN) 90109–16–3
(RR) 90109–15–2 (HBr)
(SY) 1,2–DDPATC
(HM) *BENZOCYCLOHEPTENES
(NO) RN & structure given in first source; RN given refers to parent cpd; RN not in Chemline 8/84

5,6–dihydroxy–2–N,N–dipropylaminotetralin see 2–(N,N–dipropyl)amino–5,6–dihydroxytetralin

6,7–dihydroxy–2–N,N–dipropylaminotetralin see 2–(N,N–dipropyl)amino–6,7–dihydroxytetralin

2,2'–dihydroxy–di–n–propylnitrosamine see diisopropanolnitrosamine

2,2'–dihydroxy–3,3'–di–tert–butyl–5,5'–dimethoxydiphenyl
(RN) 14078–41–2
(SY) di–BHA
(HM) *BUTYLATED HYDROXYANISOLE/analogs
(NO) metabolite of butylated hydroxyanisole

5,12–dihydroxy–6,8,10,14,17–eicosapentaenoic acid see leukotriene B5

12,20–dihydroxy–5,8,10,14–eicosatetraenoic acid
(SY) 12,20–diHETE
(SY) 12,20–dihydroxy–5,8,10,14–icosatetraenoic acid
(HM) *HYDROXYEICOSATETRAENOIC ACIDS

14,15–dihydroxy–5,8,10,12–eicosatetraenoic acid see 14,15–leukotriene B4

5(S),15(S)–dihydroxy–6,13–trans–8,11–cis– eicosatetraenoic acid see 5,15–dihydroxy–6,8,11,13–eicosatetraenoic acid

5,15–dihydroxy–6,8,11,13– eicosatetraenoic acid
(RN) 82200–87–1
(SY) 5,15–diHETE
(SY) 5(S),15(S)–dihydroxy–6,13–trans–8,11–cis–eicosatetraenoic acid
(HM) *HYDROXYEICOSATETRAENOIC ACIDS
(NO) RN given refers to (6,13–trans) & (8,11–cis)–isomer; cpd without isomeric designation not in Chemline 12/3/82

8,15–dihydroxy–5,9,11,13–eicosatetraenoic acid see 8,15–leukotriene B4

5,6–dihydroxy–8,11,14–eicosatrienoic acid
(RN) 81920–20–9
(SY) 5,6–DE–3–A
(HM) *8,11,14–EICOSATRIENOIC ACID/analogs

7,8–dihydroxy–9,10–epoxy–8–methyl–7,8,9,10–tetrahydrobenzo(a)pyrene
(RN) 89524–81–2
(SY) trans–7,8–dihdyroxy–anti–9,10–epoxy–8–methyl–7,8,9,10–tetrahydrobenzo(a)pyrene
(SY) 7,8–DEMTBP
(HM) *BENZOPYRENES
(NO) putative oxidized metabolite of 8–methylbenzo(a)pyrene; structure given in first source

3,4–dihydroxy–1,2–epoxy–1,2,3,4– tetrahydrobenzanthracene see 3,4–dihydroxy–1,2–epoxy–1,2,3,4–tetrahydrobenz(a) anthracene

3,4–dihydroxy–1,2–epoxy–1,2,3,4–tetrahydrobenz(a)anthracene
(RN) 64551–89–9
(RR) 64598–80–7
((1aalpha,2beta,3alpha,11calpha)–(+–)–isomer)
(RR) 80446–23–7
((1aS–(1aalpha,2beta,3alpha,11calpha))–isomer)
(RR) 80433–81–4
((1aR–(1aalpha,2beta,3alpha,11calpha))–isomer)
(RR) 80433–79–0
((1aS–(1aalpha,2alpha,3beta,11calpha)–)–isomer)
(RR) 80433–78–9
((1aR–(1aalpha,2alpha,3beta,11calpha))–isomer)
(RR) 64598–81–8
((1aalpha,2alpha,3beta,11calpha)–(+–)–isomer)
(RR) 63493–01–6
((1aalpha,2alpha,3beta,11calpha)–isomer)
(RR) 63438–26–6
((1alpha,2beta,3alpha,11calpha)–isomer)
(SY) 3,4–DETBA
(SY) anti–3,4–diol 1,2–oxide benz(a)anthracene
(SY) benzanthracene 3,4–diol–1,2–epoxide
(SY) 3,4–dihydroxy–1,2–epoxy–1,2,3,4–tetrahydrobenzanthracene
(SY) 3 alpha,4 beta–dihydroxy–1 beta,2 beta–epoxy–1,2,3,4–tetrahydrobenzo(c)phenanthrene
(SY) 3,4–DETBP
(SY) 3 alpha,4 beta–dihydroxy–1 alpha,2 alpha–epoxy–1,2,3,4–tetrahydrobenzo(c)phenanthrene
(SY) D–1,2–ETBP
(HM) *BENZANTHRACENES
(NO) intermediate in carcinogenic & mutagenic process; RN given refers to cpd without isomeric designation; structure in first source

8,9–dihydroxy–10,11–epoxy–8,9,10,11–tetrahydro benz(a) anthracene see 8,9–dihydro–8,9–dihydroxybenzanthracene 10,11–oxide

8,9–dihydroxy–10,11–epoxy–8,9,10,11–tetrahydrobenz(a)anthracene
(RN) 63038–83–5
(SY) 8,9,10,11–tetrahydrobenzanthracene–8,9–diol–10,11–epoxide
(SY) 8,9–DI–10,11–EP–THBA
(HM) *BENZANTHRACENES
(PA) MUTAGENS
(NO) structure given in first source

7,8–dihydroxy–9,10–epoxy–7,8,9,10–tetrahydrobenzo(a)pyrene–10–deoxyguanosine
(RN) 62698–04–8
(SY) BPDE–dG
(HM) *BENZOPYRENES
(HM) DEOXYGUANOSINE/*analogs
(NO) deoxyguanosine attached to benzopyrene derivative through its 2–amino group

7,8–dihydroxy–9,10–epoxy–7,8,9,10–tetrahydrobenzo(a) pyrene see benzo(a)pyrene 7,8–dihydrodiol 9,10–epoxide

9,10–dihydroxy–11,12–epoxy–9,10,11,12–tetrahydrobenzo(e)pyrene
(SY) B(e)P–9,10–diol–11,12–epoxide
(SY) benzo(e)pyrene–9,10–diol–11,12–epoxide
(HM) *BENZOPYRENES
(NO) structure given in first source

3,4–dihydroxy–1,2–epoxy–1,2,3,4–tetrahydrodibenzo(a,e)fluoranthene
(RN) 85057–67–6
(SY) dibenzo(a,e)fluoranthene–1,2–epoxy–1,2,3,4–tetrahydro–3,4–diol
(SY) 3,4–DET–DBF
(HM) *FLUORENES

9,10–dihydroxy–7,8–epoxy–7,8,9,10–tetrahydro–3–methylcholanthrene
(RN) 79647–25–9
(SY) DHEO–MC
(SY) 3–methylcholanthrene–9,10–dihydrodiol–7,8–epoxide
(HM) METHYLCHOLANTHRENE/*analogs
(NO) structure given in first source

1,2–dihydroxy–3,4–epoxy–1,2,3,4–tetrahydro–5–methylchrysene
(RN) 81851–68–5
(SY) trans–1,2–dihydroxy–anti–3,4–epoxy–1,2,3,4–tetrahydro–5–methylchrysene
(SY) 1,2–DETMC
(HM) *CHRYSENES
(PA) CARCINOGENS

trans–1,2–dihydroxy–anti–3,4–epoxy–1,2,3,4–tetrahydro–5–methylchrysene see 1,2–dihydroxy–3,4–epoxy–1,2,3,4–tetrahydro–5–methylchrysene

7,8–dihydroxy–9,10–epoxy–7,8,9,10–tetrahydro–5–methylchrysene
(SY) trans–7,8–dihydroxy–anti–9,10–epoxy–7,8,9,10–tetrahydro–5–methylchrysene
(SY) 7,8–DETMC
(HM) *CHRYSENES
(PA) CARCINOGENS
(NO) structure given in first source

trans–7,8–dihydroxy–anti–9,10–epoxy–7,8,9,10–tetrahydro–5–methylchrysene see 7,8–dihydroxy–9,10–epoxy–7,8,9,10–tetrahydro–5–methylchrysene

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1,25-dihydroxyergocalciferol
(RN) 55248-15-2
(RR) 60133-18-8 ((1alpha,3beta,5Z,7E,22E)-isomer)
(SY) 1,25-dihydroxyvitamin D2
(HM) ERGOCALCIFEROL/*analogs
(NO) RN given refers to (3beta,5Z,7E,22E)-isomer; RN for cpd without isomeric designation not in Chemline 7/84

24,25-dihydroxyergocalciferol see 24,25-dihydroxyvitamin D2

3,4-dihydroxy-1,3,5(10)-estratrien-17-one see 4-hydroxyestrone

3,17-dihydroxy-5-estrene
(SY) 3,17-DHE
(HM) *ESTRENES
(NO) identified in urine samples from two male horses aged 8 & 14 years; structure given in first source

3,8-dihydroxy-2-ethoxymethyl-1-methoxyanthraquinone see 8-hydroxydamnacanthol-omega-ethyl ether

dihydroxyethyldithiocarbamate
(HM) *DIETHYLDITHIOCARBAMATE/analogs
(NO) mobilizes metallothionein-bound cadmium from tissue

1-(1(R),2-dihydroxyethyl)-3-hydroxymethyl-9H-pyrido(3,4-b)indole see pyridindolol

5,7-dihydroxyflavanone see pinocembrin

5,7-dihydroxyflavone see chrysin

5,8-dihydroxyflavone see primetin

3,4-dihydroxy-5-fluoro-DL-phenylalanine see 5-fluorodopa

3,4-dihydroxy-5-fluorophenylalanine see 5-fluorodopa

3,4-dihydroxy-6-fluorophenylalanine see 6-fluorodopa

dihydroxyfumarate
(RN) 133-38-0
(RR) 4360-16-1 (ion(1-)(E)-isomer)
(RR) 13096-38-3 (cpd without isomeric designation)
(SY) dihydroxyfumaric acid
(HM) *FUMARATES
(NO) RN given refers to ((E)-isomer); structure

dihydroxyfumaric acid see dihydroxyfumarate

5,15-dihydroxy-6-S-glutathionyl-7,9,13-11- eicosatetraenoic acid see 15-hydroxy-delta-13-leukotriene C3

3,11-dihydroxy-2,4,6,8,10,12-hexamethyl-9-oxo-6-tetradecenoic 1,3-lactone see ebelactone A

1,3-dihydroxy-2-hydroxymethyl-9,10-anthraquinone see lucidin

4,5-dihydroxy-5-hydroxymethyl-(4:S,5:S)cyclopent- 2-en-1-one see pentenomycin I

4,4'-((2,4-dihydroxy-5-(hydroxymethyl)-m-phenylene) bis(azo))di-1-naphthalenesulfonic acid, disodium salt see Chocolate Brown HT

12,20-dihydroxy-5,8,10,14-icosatetraenoic acid see 12,20-dihydroxy-5,8,10,14-eicosatetraenoic acid

5,7-dihydroxy-4-imino-2-oxochroman
(RN) 91670-99-4
(HM) *COUMARINS
(NO) RN from journal; RN not in Chemline 1/85; structure in first source

5,6-dihydroxy-2-indolecarboxylic acid see 5,6-dihydroxy-2-indolylcarboxylic acid

5,6-dihydroxyindole
(RN) 3131-52-0
(HM) *INDOLES
(PA) CATECHOL METHYLTRANSFERASE/antag

5,6-dihydroxy-2-indolylcarboxylic acid
(RN) 4790-08-3
(SY) 5,6-dihydroxy-2-indolecarboxylic acid
(HM) *INDOLES

3,6-dihydroxyindoxazene see Y T0678H

7,4'-dihydroxyisoflavan see equol

dihydroxyisovalerate dehydrogenase (isomerizing) see ketol-acid reductoisomerase

23,25-dihydroxy-24-keto-cholecalciferol see 23,25-dihydroxy-24-oxovitamin D3

5,7-dihydroxy-11-keto-tetranorprosta-1,16-dioic acid see prostaglandin F-main urinary metabolite

5,5'-dihydroxylysinonorleucine see 5,5'-dihydroxylysylnorleucine

5,5'-dihydroxy-Lys-Nle see 5,5'-dihydroxylysylnorleucine

5,5'-dihydroxylysylnorleucine
(RN) 12764-49-7
(SY) delta,delta'-dihydroxylysylnonorleucine
(SY) 5,5'-dihydroxy-Lys-Nle
(SY) 5,5'-dihydroxylysinonorleucine
(SY) DHLNL
(HM) *DIPEPTIDES

3,4-dihydroxymandelic acid
(RN) 775-01-9
(RR) 14883-87-5 ((+-)-isomer)
(RR) 13244-76-3 ((S)-isomer)
(RR) 19022-45-8 (ion(1-))
(RR) 79427-92-2 (mono-Na salt)
(RR) 26446-57-1 (cpd with unspecified locants)
(HM) *MANDELIC ACIDS
(NO) metabolite of L-dopa; RN given refers to parent cpd without isomeric designation

3,4-dihydroxymandelonitrile
(RN) 51688-49-4
(HM) *NITRILES
(NO) structure given in first source

3,4'-dihydroxy-5-methoxy-3'-(3-methylbut-2-enyl) dihydrostilbene see cannabistilbene I

1,3-dihydroxy-7-methoxyxanthone see isogentisin

3-(dihydroxymethyl)amino-6-(5-nitro-2-furylethenyl)-1,2,4-triazine see dihydroxymethylfuratrizine

3-di(hydroxymethyl)amino-6-(2-(5-nitro-2-furyl)vinyl)-1,2,4-triazine see dihydroxymethylfuratrizine

5,6-dihydroxy-2-(methylamino)tetralin see 5,6-dihydroxy-2-methylaminotetralin

5,6-dihydroxy-2-(methyl)aminotetralin see 5,6-dihydroxy-2-methylaminotetralin

5,6-dihydroxy-2-methylaminotetralin
(RN) 39478-89-2
(RR) 38313-28-9 (HBr)
(SY) M-8
(SY) 5,6-dihydroxy-2-(methyl)aminotetralin
(SY) 5,6-dihydroxy-2-(methylamino)tetralin
(HM) *TETRAHYDRONAPHTHALENES
(PA) VASODILATOR AGENTS
(NO) beta2 adrenergic agonist; coronary vasodilator in vivo; cyclic dopamine analog; synonym M-8 refers to HBr; RN given refers to parent cpd

3,7-dihydroxy-7-methyl-5-cholanoic acid
(SY) 3 alpha,7 alpha-dihydroxy-7 beta-methyl-5 beta-cholanoic acid
(SY) 3,7-DMC
(SY) 3 alpha,7 beta-dihydroxy-7 alpha-methyl-5 beta-cholanoic acid
(HM) *CHOLIC ACIDS
(NO) structure given in first source

2,5-dihydroxymethyl-3,4-dihydroxypyrrolidine
(SY) DMDP
(HM) *ALKALOIDS
(NO) structure given in first source

3,7-dihydroxy-22,23-methylene-5-cholan-24-oic acid (2-sulfoethyl)amide
(RN) 93001-12-8
(SY) 3,7-DMCOS
(HM) *CHOLIC ACIDS
(II) BILE ACIDS AND SALTS
(NO) bile acid containing cyclopropane side chain; RN & structure given in first source; RN given refers to Na salt; RN for parent cpd not available 3/85

3,7-dihydroxy-22,23-methylene-5-cholan-24-oic acid
(RN) 89414-91-5
(RR) 89495-35-2 ((22R,22S)-isomer)
(RR) 89495-36-3 ((22S,23S)-isomer)
(RR) 89496-31-1 ((22S,23R)-isomer)
(SY) 3 alpha,7 beta-dihydroxy-22,23-methylene-5 beta-cholan-24-oic acid
(SY) 3,7-DMCOA
(HM) URSODEOXYCHOLIC ACID/*analogs
(NO) RN & structure given in first source; RN given refers to (22R,23R)-isomer; RN for cpd without isomeric designation not given; RN not in Chemline 7/84

1,2-dihydroxy-6-(N-(2-methylethyl)-amino)-6,7,8,9-tetrahydrobenzocycloheptene
(RN) 90109-14-1
(RR) 90109-13-0 (HBr)
(SY) 1,2-DPATC
(HM) *BENZOCYCLOHEPTENES
(NO) RN & structure given in first source; RN given refers to parent cpd; RN not in Chemline 8/84

dihydroxymethylfuratrizine
(RN) 794-93-4
(SY) Panfuran S
(SY) 3-di(hydroxymethyl)amino-6-(2-(5-nitro-2-furyl) vinyl)-1,2,4-triazine
(SY) 3-(dihydroxymethyl)amino-6-(5-nitro-2-furylethenyl)-1,2,4-triazine
(HM) *TRIAZINES
(PA) ANTI-INFECTIVE AGENTS
(NO) structure

20,21-dihydroxy-17-methyl-18-norpregna-4, 8,11,13-tetraen-3-one
(SY) 17-methyl-18-norpregna-4,8,11,13-tetraen-3-one-20,21-diol
(SY) 20,21-DMNTO
(HM) *NORPREGNENES
(NO) structure given in first source

3',4'-dihydroxy-2-methylpropiophenone see U-0521

1,5-dihydroxynaphthalene
(RN) 83-56-7
(RR) 28346-70-5 (cpd with unspecified locants)
(HM) *NAPHTHOLS
(NO) inhibitors of arachidonic acid peroxidation

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1,8–dihydroxynaphthalene
(RN) 569–42–6
(SY) 1,8–DHN
(HM) *NAPHTHOLS
(NO) isolated from mutant of Wangiella dermatitidis; structure given in first source

1,4–dihydroxy–2–naphthoate synthase see naphthoate synthetase

1,4–dihydroxy–2–naphthoate see 1,4–dihydroxy–2–naphthoic acid

1,4–dihydroxy–2–naphthoic acid
(RN) 31519–22–9
(SY) 1,4–dihydroxy–2–naphthoate
(HM) *NAPHTHOLS

5,8–dihydroxy–1,4–naphthoquinone see naphthazarin

1,2–dihydroxy–9–nitro–1,2–dihydroanthracene
(SY) 1,2–DNDA
(HM) *ANTHRACENES
(NO) metabolite of 9–nitroanthracene; structure given in first source

3,4–dihydroxy–9–nitro–3,4–dihydroanthracene
(SY) 3,4–DNDA
(HM) *ANTHRACENES
(NO) metabolite of 9–nitroanthracene; structure given in first source

3',4'–dihydroxynomifensine
(RN) 69275–19–0
(HM) NOMIFENSINE/*analogs
(NO) partial dopamine vascular agonist

8,13–dihydroxy–9,11–octadecadienoic acid
(SY) 8,13–DOH–ODEA
(HM) *LINOLEIC ACIDS
(II) ISOMERISM

6,8–dihydroxy–1,2,3,4,4a,5,10,10a–octahydrobenzo(g)quinoline
(RN) 87657–14–5
(SY) 6,8–DOBQ
(HM) *HYDROXYQUINOLINES
(NO) conformationally restricted congener of dopamine; structure given in first source

7,9–dihydroxy–1,2,3,4,4a,5,6,10b–octahydrobenzo(f)quinoline
(RN) 87657–26–9
(SY) 7,9–DOBQ
(HM) *PHENANTHRENES
(NO) conformationally restricted congener of dopamine; structure given in first source

3,12–dihydroxy–7–oxocholanoyltaurine
(RN) 67460–69–9
(SY) 3 alpha,12 alpha–dihydroxy–7–keto–5 beta–cholanoyltaurine
(SY) tauro–3 alpha,12 alpha–dihydroxy–7–keto–5–beta–cholanoic acid
(SY) 3,12–HOCT
(HM) TAUROCHOLIC ACID/*analogs

1,25–dihydroxy–23–oxocholecalciferol see 1,25–dihydroxy–23–oxo–vitamin D3

1,25–dihydroxy–24–oxocholecalciferol see 1,25–dihydroxy–24–oxo–vitamin D3

23,25–dihydroxy–24–oxocholecalciferol see 23,25–dihydroxy–24–oxovitamin D3

3,14–dihydroxy–6–oxo–N–cyclopropylmethylmorphinan methanesulfonate see 20682–S

5Z,13E–18R,11R,12R,15R–dihydroxy–9–oxo–16–phenoxy–17, 18,19,20–tetranor–5,13–prostadienoic acid methylsulfonylamide see sulprostone

11,20–dihydroxy–3–oxo–4–pregnen–21–oic acid
(RN) 75879–79–7
(HM) CORTICOSTERONE/*analogs
(NO) corticosterone metabolite in mice; RN given refers to (11beta)–isomer; RN for cpd without isomeric designation not in Chemline 12/19/83

1,25–dihydroxy–23–oxo–vitamin D3
(RN) 82095–23–6
(SY) 1,25–dihydroxy–23–oxocholecalciferol
(SY) 1,25–DOV
(SY) 23–keto–1,25–dihydroxyvitamin D3
(HM) CALCITRIOL/*analogs
(NO) metabolites of vitamin D3 produced by the intestine; structure given in first source

1,25–dihydroxy–24–oxo–vitamin D3
(RN) 76338–50–6
(SY) 1,25–dihydroxy–24–oxocholecalciferol
(SY) 24–keto–1,25–dihydroxyvitamin D3
(SY) 24–KDHVD3
(HM) CALCITRIOL/*analogs
(NO) vitamin D3 metabolite in chick intestinal mucosa homogenate

23,25–dihydroxy–24–oxo–vitamin D3 see 23,25–dihydroxy–24–oxovitamin D3

23,25–dihydroxy–24–oxovitamin D3
(RN) 84164–55–6
(SY) 23,25–dihydroxy–24–oxocholecalciferol
(SY) 23,25–dihydroxy–24–oxo–vitamin D3
(SY) 23,25–dihydroxy–24–keto–cholecalciferol
(SY) 23,25–DO–vitamin D3
(HM) *DIHYDROXYCHOLECALCIFEROLS
(NO) metabolite of vitamin D3 in kidney; RN & structure from first source; RN given refers to (3beta,5Z,7E)–isomer; RN for cpd without isomeric designation not in Chemline 8/84

7,8–dihydroxy–9,10–oxy–7,8,9,10–tetrahydrobenzo(a) pyrene see benzo(a)pyrene 7,8–dihydrodiol 9,10–epoxide

3,6–dihydroxy–1–phenazinecarboxylic acid see phenacein

4,4'–dihydroxyphenazone see 4,4'–dihydroxyantipyrine

3,4–dihydroxyphenylacetamidine
(RN) 87112–04–7
(SY) DHPAA
(HM) *CATECHOLAMINES
(NO) structure given in first source

3,4–dihydroxyphenylacetate 2,3–dioxygenase
(RN) EC 1.13.11.15
(HM) *OXYGENASES

(3,4–dihydroxyphenylamino)–2–imidazoline
(RN) 57101–49–2
(RR) 79400–94–5 (cpd with unspecified locants)
(RR) 77987–00–9 (mono–HCl)
(RR) 76845–80–2 (unspecified HCl)
(RR) 75594–10–4 (mono–HBr)
(SY) DPI
(SY) 2–(3,4–dihydroxyphenylimino)imidazolidine
(HM) *CATECHOLAMINES
(NO) potent agonist at dopamine receptors mediating neuronal inhibition; RN given refers to parent cpd; structure in UD indicates phenyl–"imino" group

2–(2',4'–dihydroxyphenyl–1–azo) benzimidazole
(SY) BIAR
(HM) *BENZIMIDAZOLES
(NO) structure given in first source

2–(3',4'–dihydroxyphenyl–1–azo) benzimidazole
(SY) BIAP
(HM) *BENZIMIDAZOLES
(NO) structure given in first source

1–(3,5–dihydroxyphenyl)–2–((1,1–dimethyl–2–hydroxyethyl)amino)ethanol sulfate see KWD 2131

3,4–dihydroxyphenylethanol
(RN) 10597–60–1
(SY) dopet
(HM) PHENETHYL ALCOHOL/*analogs
(NO) serotonin metabolite; structure

(2–(3,4–dihydroxyphenyl)ethyl)dimethylselenonium chloride see (2–(3,4–dihydroxyphenyl)ethyl)dimethylselenonium

(2–(3,4–dihydroxyphenyl)ethyl) dimethylselenonium
(RN) 85709–88–2
(RR) 85709–89–3 (75Se–labeled cpd)
(SY) (2–(3,4–dihydroxyphenyl)ethyl) dimethylselenonium chloride
(SY) 2–DHPEDS
(HM) DOPAMINE/*analogs
(HM) *SELENIUM
(NO) potential radiopharmaceutical for adrenal gland; RN given refers to chloride; RN for parent cpd not in Chemline or first source 8/83; structure & RN from first source

(2–(3,4–dihydroxyphenyl)ethyl)dimethylsulfonium iodide see (2–(3,4–dihydroxyphenyl)ethyl)dimethylsulfonium

(2–(3,4–dihydroxyphenyl)ethyl) dimethylsulfonium
(RN) 80263–71–4
(SY) (2–(3,4–dihydroxyphenyl)ethyl)dimethylsulfonium iodide
(SY) DHPE–DMS
(HM) DOPAMINE/*analogs
(NO) dopamine analog which, when injected into striatum of rats, previously lesioned unilaterally with 6–hydroxydopamine, produced circling behavior; has one tenth the potency of dopamine; structure in first source

dihydroxyphenylethylene glycol
(RN) 3343–19–9
(RR) 55254–51–8 ((S)–isomer)
(RR) 28822–73–3 ((+–)–isomer)
(SY) DOPEG
(SY) 3,4–dihydroxyphenylglycol
(HM) *METHOXYHYDROXYPHENYLGLYCOL/analogs
(NO) noradrenaline metabolite in mouse brain; RN given refers to cpd without isomeric designation

3,4–dihydroxyphenylglycol see dihydroxyphenylethylene glycol

2–((3,4–dihydroxyphenyl)hydroxymethyl)–2,3–dihydro–7H–pyrano(2,3–g)–1,4–benzodioxin–7–one see maoyancaosu

2–(3,4–dihydroxybenzylimino)imidazolidine see (3,4–dihydroxyphenylamino)–2–imidazoline

3,4–dihydroxyphenyllactic acid
(RN) 23028–17–3
(RR) 81075–52–7 (mono–Na salt(R)–isomer)
(RR) 76822–21–4 ((R)–isomer)
(RR) 69339–96–4 ((+–)–isomer)
(RR) 67920–52–9 (mono–Na salt(+–)–isomer)
(RR) 67810–33–7 (mono–Na salt)
(SY) danshensu
(HM) *LACTATES
(PA) ANTICOAGULANTS
(II) PLANTS, MEDICINAL
(NO) from S. miltiorhiza Bge; dilates coronary artery; RN given refers to parent cpd without isomeric designation

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2-(2-(3,4-dihydroxyphenyl)-1-methylethyl)amino-6,7-dihydroxy-1,2,3,4-tetrahydronaphthalene see ASL 7022

2-(3,4-dihydroxyphenyl)naphtho(1,2-d) thiazole
(SY) 3,4-DNT
(HM) *THIAZOLES
(II) FLUORESCENT DYES
(NO) substrate in assay of catechol methyltransferase; structure given in first source

5-(3,4-dihydroxyphenyl)-5-phenylhydantoin
(RN) 35531-90-9
(SY) 5-DHPPH
(HM) PHENYTOIN/*analogs
(NO) metabolite of phenytoin

3,4-dihydroxyphenylpropionic acid
(RN) 1078-61-1
(RR) 53338-98-0 (K salt)
(RR) 53338-98-0 (cpd with unspecified locants)
(SY) dihydrocaffeic acid
(HM) *CAFFEIC ACIDS
(NO) metabolite of caffeic acid; RN given refers to parent cpd; structure

1-(3,4-dihydroxyphenyl)-2-(n-propylamino) propane
(RN) 82004-90-8
(RR) 70932-33-1 (HBr)
(SY) 1-DPPAP
(HM) *CATECHOLAMINES
(NO) intermediate in N-propylamphetamine metabolism; RN given refers to parent cpd; structure given in first source

3-(3,4-dihydroxyphenyl)-1-n-propylpyrrolidine hydrobromide see 3-(3,4-dihydroxyphenyl)-1-n-propylpyrrolidine

3-(3,4-dihydroxyphenyl)-1-n-propylpyrrolidine
(SY) 3-(3,4-dihydroxyphenyl)-1-n-propylpyrrolidine hydrobromide
(SY) 3-DPPPH
(HM) *PYRROLIDINES
(NO) has dopaminergic activity; structure given in first source

3,4-dihydroxyphenylpyruvic acid see DHPPA

dihydroxyphenylvaleramide
(RN) 154-62-1
(SY) dihydroxyphenylvalcroylamide
(SY) H22/54
(SY) propyldihydroxyphenylacetamide
(SY) propyldopacetamide
(SY) dihdyroxyphenylvalermide
(HM) *AMIDES
(NO) tryptophan hydroxylase inhibitor; minor descriptor (75-83); on-line & Index Medicus search AMIDES (75-83)

dihydroxyphenylvaleroylamide see dihydroxyphenylvaleramide

4,5-dihydroxyphthalic acid
(RN) 63958-66-7
(SY) 4,5-DHPA
(HM) *PHTHALIC ACIDS

11,17-dihydroxy-17-pregnane-1,4,6-triene-20-yn-21-methyl-3-one see RU 26988

14,17-dihydroxypregn-4-ene-3,20-dione cyclic acetal with propionaldehyde see proligestone

18,21-dihydroxy-4-pregnene-3,20-dione see 18-hydroxydeoxycorticosterone

17,20-dihydroxy-4-pregnen-3-one see 17 alpha,20 alpha-dihydroxyprogesterone

15,17-dihydroxyprogesterone
(HM) *HYDROXYPROGESTERONES

9-(1,3-dihydroxy-2-propoxymethyl)-GMP
(SY) guanine monophosphate, 9-(1,3-dihydroxy-2-propoxymethyl)-
(SY) 9-DHP-GMP
(HM) *GUANOSINE MONOPHOSPHATE/analogs
(PA) ANTIVIRAL AGENTS

9-(1,3-dihydroxy-2-propoxymethyl)-guanine triphosphate
(SY) 9-DHPGP
(HM) GUANOSINE TRIPHOSPHATE/*analogs
(NO) competitively inhibits incorporation of dGTP into DNA catalyzed by DNA polymerases specified by herpes simplex virus

9-((1,3-dihydroxy-2-propoxy)methyl)guanine see BIOLF 62

9-((2,3-dihydroxy-1-propoxy)methyl) guanine
(RN) 96429-66-2
(RR) 96480-02-3 ((R)-isomer)
(RR) 96480-03-4 ((S)-isomer)
(SY) iso-NDG
(HM) ACYCLOVIR/*analogs
(PA) ANTIVIRAL AGENTS
(NO) RN & structure given in first source; RN not in Chemline; RN given refers to racemic cpd 8/85

3,4-dihydroxypropranolol
(RN) 89710-82-7
(HM) PROPRANOLOL/*analogs
(NO) minor metabolite of propranolol; RN & structure given in first source; RN not in Chemline 8/84

5-(N-2,3-dihydroxypropylacetamido)-2,4,6-triiodo-N,N'-bis(2,3-dihydroxypropyl)isophthalamide see iohexol

(S)-9-(2,3-dihydroxypropyl)adenine see 9-(2,3-dihydroxypropyl)adenine

2,3-dihydroxypropyladenine see 9-(2,3-dihydroxypropyl)adenine

9-(S)-(2,3-dihydroxypropyl)adenine see 9-(2,3-dihydroxypropyl)adenine

9-(2,3-dihydroxypropyl)adenine
(RN) 716-17-6
(RR) 54262-83-8 ((S)-isomer)
(RR) 55904-02-4 ((+-)-isomer)
(RR) 55559-72-3 ((R)-isomer)
(RR) 1016-38-2 (mono-HCl)
(SY) (S)-DHPA
(SY) DHPA
(SY) 2,3-dihydroxypropyladenine
(SY) 9-(S)-(2,3-dihydroxypropyl)adenine
(SY) (S)-9-(2,3-dihydroxypropyl)adenine
(HM) ADENINE/*analogs
(PA) ANTIVIRAL AGENTS
(NO) RN given refers to parent cpd without isomeric designation

2,3-dihydroxypropyl dichloroacetate
(SY) 2,3-DHPDCA
(HM) *PROPANEDIOLS
(HM) *ACETIC ACIDS
(PA) GLYCEROL KINASE/antag

11,17-dihydroxy-17-(1-propynyl)-androsta-1,4,6-trien-3-one,(11beta,17beta) see RU 26988

5,6-dihydroxyprostaglandin E1
(RN) 90817-53-1
(SY) 5,6-DH-PGE1
(HM) ALPROSTADIL/*analogs
(NO) RN given refers to (11alpha,13E,15S)-isomer; RN for cpd without isomeric designation not in Chemline 10/84

5,6-dihydroxyprostaglandin F1
(SY) 5,6-DH-PGF1
(HM) *PROSTAGLANDINS F
(NO) biosyn in ram seminal vesicles

3,9-dihydroxypterocarpan-6a-hydroxylase
(RN) EC 1.14.13.-
(SY) 3,9-DHPC-6-hydroxylase
(HM) *HYDROXYLASES
(NO) requires NADPH; stereospecific microsomal monooxygenase from elicitor-challenged soybean cell cultures; involved in glyceollin biosynthesis

3,9-dihydroxypterocarpan
(RN) 61135-91-9
(HM) *BENZOPYRANS
(II) PLANT EXTRACTS
(NO) from soybeans; RN given refers to (6aR-cis)-isomer; RN for cpd without isomeric designation not in Chemline 8/84; structure given in first source

2,3-dihydroxypyridine
(RN) 16867-04-2
(SY) 3-hydroxy-2-pyridinone
(HM) *PYRIDINES
(NO) affects thyroid function

2,4-dihydroxypyridine
(RN) 626-03-9
(SY) 4-hydroxy-2-pyridone
(HM) *PYRIDINES

1,4-dihydroxyquinoxaline see quindoxin

dihydroxy sodium aluminum carbonate see dihydroxyaluminum sodium carbonate

3,4-dihydroxystyrene
(RN) 6053-02-7
(HM) *STYRENES
(PA) PHENYLALANINE HYDROXYLASE/antag
(PA) TYROSINE HYDROXYLASE/antag
(PA) TRYPTOPHAN HYDROXYLASE/antag

1,25-dihydroxytachysterol see 1 alpha,25-dihydroxy-previtamin D(3)

1,2-dihydroxy-6,7,8,9-tetrahydro-6-aminobenzocycloheptene
(RN) 90109-12-9
(RR) 90109-11-8 (HBr)
(SY) 1,2-DHABC
(HM) *BENZOCYCLOHEPTENES
(NO) RN & structure given in first source; RN given refers to parent cpd; RN not in Chemline 8/84

3',11-dihydroxytetrahydrocannabinol-delta(9) see 3',11-dihydroxy-delta(9)-tetrahydrocannabinol

3,4-dihydroxy-1,2,3,4-tetrahydronaphthalene 1,2-oxide
(SY) DHTNO
(HM) *TETRAHYDRONAPHTHALENES
(PA) CARCINOGENS
(NO) urinary metabolite of naphthalene; structure given in first source

3',11-dihydroxy-THC see 3',11-dihydroxy-delta(9)-tetrahydrocannabinol

3,5-dihydroxytoluene see orcinol

3,7-dihydroxy-2-(3,4,5-trihydroxyphenyl)-4H-1-benzopyran-4-one see robinetin

2',3-dihydroxy-3',4',5-trimethoxydihydrostilbene see cannabistilbene II

3,3'-dihydroxy-2',4',5-trimethoxydihydrostilbene see cannabistilbene II

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5,7–dihydroxy–3',4',6–trimethoxyflavone see eupatilin

5,6–dihydroxytryptophan
(RN) 58456–66–9
(HM) HYDROXYTRYPTOPHAN/*analogs
(NO) RN given refers to DL–isomer; RN not in Chemline for parent cpd

2,5–dihydroxytyrosine see 6–hydroxydopa

3,5–dihydroxytyrosine see 5–hydroxydopa

2,5–dihydroxy–3–undecyl–1,4–benzoquinone see embelin

1,25–dihydroxyvitamin D3 binding protein see 1,25–dihydroxycholecalciferol receptor

dihydroxyvitamin K see vitamin K1 hydroquinone

1,25–dihydroxyvitamin D3–26,23–lactone see 1 alpha,25–dihydroxyvitamin D3–26,23–lactone

1,25–dihydroxyvitamin D3 monoglucuronide
(RN) 82694–73–3
(SY) 1,25–DVDMG
(HM) CALCITRIOL/*analogs
(NO) found in rat bile

1,25–dihydroxyvitamin D3 receptors see 1,25–dihydroxycholecalciferol receptor

1,25–dihydroxyvitamin D3 receptor see 1,25–dihydroxycholecalciferol receptor

1,24–dihydroxyvitamin D3 see 1 alpha,24–dihydroxyvitamin D3

1,25–dihydroxyvitamin D2 see 1,25–dihydroxyergocalciferol

23s, 25 dihydroxyvitamin D see 23,25–dihydroxyvitamin D3

23S,25–dihydroxyvitamin D3 see 23,25–dihydroxyvitamin D3

23,25–dihydroxyvitamin D3
(RN) 77733–16–5
(RR) 81738–09–2 ((3beta,5Z,7E,23R)–isomer)
(RR) 79702–77–5 ((3beta,5Z,7E,23S)–isomer)
(SY) 23,25–dihydroxycholecalciferol
(SY) 23s, 25 dihydroxyvitamin D
(SY) 23S,25–dihydroxyvitamin D3
(HM) *DIHYDROXYCHOLECALCIFEROLS
(NO) metabolite of vitamin D3 in chickens & rats; RN given refers to (3beta,5Z,7E)–isomer; RN for cpd without isomeric designation not in Chemline 7/84

(24R)–24,25–dihydroxyvitamin D3 see 24,25–dihydroxyvitamin D3

24,25–dihydroxyvitamin D2
(RN) 71183–99–8
(RR) 71135–11–0 ((3beta,5Z,7E,22E,24S)–isomer)
(RR) 58050–55–8 ((3beta,5Z,7E,22E24xi)–isomer)
(SY) 24,25–dihydroxyergocalciferol
(HM) ERGOCALCIFEROL/*analogs
(NO) metabolite of vitamin D2; RN given refers to (3beta,5Z,7E,22E)–isomer; RN for cpd without isomeric designation not in Chemline 7/25/83

24,25–dihydroxyvitamin D3
(RN) 40013–87–4
(RR) 55721–11–4 ((3beta,5Z,7E,24R)–isomer)
(RR) 55700–58–8 ((ebeta,5Z,7E,24S)–isomer)
(SY) 24,25–dihydroxyvitamin D 3
(SY) 24R,25–dihydroxycholecalciferol
(SY) 24,25–dihydroxycholecalciferol
(SY) (24R)–24,25–dihydroxyvitamin D3
(HM) *DIHYDROXYCHOLECALCIFEROLS
(NO) RN given refers to (3beta,5Z,7E)–isomer; RN for cpd without isomeric designation not in Chemline 7/84

24,25–dihydroxyvitamin D 3 see 24,25–dihydroxyvitamin D3

25,26–dihydroxyvitamin D3 see 25,26–dihydroxycholecalciferol

DiI carbocyanine see 3,3'–dihexadecylindocarbocyanine

diimidazolinophenylindol see 4',6–bis(2'imidazolinyl–4',5'–H)–2–phenylindole

diinosine monophosphate see inosinylyl–(3'–5')–inosine

diiodobenzotepa
(RN) 4460–32–6
(HM) *TEPA/analogs
(NO) structure

1,4–diiodobutane
(RN) 628–21–7
(HM) *HYDROCARBONS, IODINATED

diiodofluorescein isothiocyanate
(RN) 76391–89–4
(HM) *FLUORESCEINS
(II) INDICATORS AND REAGENTS
(NO) reagent for labeling proteins & cells

diiodophenylpyruvate reductase
(RN) EC 1.1.1.96
(RR) 37250–31–0 (CRN)
(SY) aromatic ketoacid reductase
(HM) *ALCOHOL OXIDOREDUCTASES
(NO) substrate PHENYLPYRUVIC ACIDS may be replaced by KETO ACIDS or specific as appropriate

3,5–diiodo–N–Phe–Tyr see MSH potentiating factor

diiodopropanol see 1,3–diiodo–2–propanol

1,3–diiodo–2–propanol
(RN) 534–08–7
(SY) diiodopropanol
(SY) jothion
(HM) ALCOHOL, PROPYL/*analogs
(II) DISINFECTANTS
(NO) potential bacterial dental plaque control agent

3,5–diiodo–4(1H)–pyridinone see iopydone

3,5–diiodosalicylic acid
(RN) 133–91–5
(RR) 61013–27–2 (di–Na salt)
(RR) 17274–17–8 (mono–Na salt)
(RR) 653–14–5 (mono–Li salt)
(SY) lithium di–iodosalicylate
(HM) *SALICYLIC ACIDS
(II) LITHIUM
(NO) RN given refers to parent cpd; structure

3,3'–diiodothyronine–4–sulfate
(RN) 64192–57–0
(SY) 3,3'–T2 sulfate
(HM) *DIIODOTHYRONINES
(NO) RN given for (L)–isomer; RN for cpd without isomeric designation not in Chemline 8/85

3,3'–diiodothyronine
(RN) 70–40–6
(RR) 4604–41–5 ((L)–isomer)
(RR) 58342–32–8 ((DL)–isomer)
(RR) 81662–70–6 (125I–labeled cpd(L)–isomer)
(SY) 3,3'–T2
(HM) *DIIODOTHYRONINES
(NO) RN given refers to unlabeled cpd without isomeric designation

3,5–diiodothyronine
(RN) 534–51–0
(RR) 1041–01–6 ((L)–isomer)
(RR) 61–85–8 (Na salt(L)–isomer)
(RR) 299–82–1 ((DL)–isomer)
(SY) 3,5–diiodo–DL–thyronine
(SY) 3,5–diiodo–L–thyronine
(SY) 3,5–T2
(HM) *DIIODOTHYRONINES
(NO) RN given refers to parent cpd without isomeric designation; structure

3',5'–diiodothyronine
(RN) 60363–25–9
(RR) 4192–14–7 ((L)–isomer)
(RR) 61–85–8 (mono–Na salt(L)–isomer)
(SY) 3',5'–diiodo–L–thyronine
(SY) 3',5'–T2
(HM) *DIIODOTHYRONINES
(NO) RN given refers to (DL)–isomer; RN for cpd without isomeric designation not in Chemline 7/25/83

3,5–diiodo–DL–thyronine see 3,5–diiodothyronine

3,5–diiodo–L–thyronine see 3,5–diiodothyronine

3',5'–diiodo–L–thyronine see 3',5'–diiodothyronine

3,5–diiodo–Tyr–3,5–diiodo–Tyr see 3,5–diiodo–tyrosyl–3,5–diiodo–tyrosine

diiodo–Tyr–insulin see insulin, diiodo–Tyr–

diiodotyrosine insulin see insulin, diiodo–Tyr–

(A19–3,5–diiodotyrosine)insulin see insulin, diiodo–Tyr–

diiodotyrosine receptor
(SY) diiodotyrosine receptors
(SY) receptor, diiodotyrosine
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) DIIODOTYROSINE

diiodotyrosine receptors see diiodotyrosine receptor

3,5–diiodo–L–tyrosyl–3,5–diiodo–L–tyrosine see 3,5–diiodo–tyrosyl–3,5–diiodo–tyrosine

3,5–diiodo–tyrosyl–3,5–diiodo–tyrosine
(RN) 1057–47–2
(SY) 3,5–diiodo–Tyr–3,5–diiodo–Tyr
(SY) 3,5–diiodo–L–tyrosyl–3,5–diiodo–L–tyrosine
(SY) 3,5,3',5'–tetraiodotyrosyltyrosine
(SY) 3,5,3',5–tetraiodo–Tyr–Tyr
(HM) *DIPEPTIDES
(HM) DIIODOTYROSINE/*analogs
(NO) possesses thyroximimetic properties

diiron enneacarbonyl see iron carbonyl compounds

diisobutyl naphthalenesulfonate see nekal BX

diisobutyl phthalate
(RN) 84–69–5
(SY) di–iso–butyl phthalate
(HM) *DIBUTYL PHTHALATE
(II) ISOMERISM

di–iso–butyl phthalate see diisobutyl phthalate

1–(3,5–diisobutyroxyphenyl)–2–(t–butylamino)ethanol see ibuterol

4,4'–diisocyanatodicyclohexylmethane see methylene bis(4–cyclohexylisocyanate)

4,4'–diisocyanatodiphenylmethane see 4,4'–diphenylmethane diisocyanate

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2,6-diisocyanatotoluene
(RN) 91-08-7
(RR) 60067-64-3 (conjugate diacid)
(RR) 52376-28-0 (monoformate)
(SY) 2,6-toluene-diisocyanate
(HM) *TOLUENE DIISOCYANATE
(II) ISOMERISM
(NO) RN given refers to parent cpd

diisodecyl phthalate
(RN) 26761-40-0
(SY) di-isodecyl phthalate
(HM) *PHTHALIC ACIDS
(II) PLASTICIZERS

di-isodecyl phthalate see diisodecyl phthalate

diisopropanolnitrosamine
(RN) 53609-64-6
(SY) N-nitroso-bis(2-hydroxypropyl)amine
(SY) 2,2'-dihydroxy-di-n-propylnitrosamine
(SY) N-bis(2-hydroxypropyl)nitrosamine
(SY) nitroso-di-isopropanolamine
(HM) *NITROSAMINES
(PA) CARCINOGENS
(NO) experimental carcinogen; structure

diisopropylamine
(RN) 108-18-9
(RR) 819-79-4 (HCl)
(RR) 63449-72-9 (sulfate[2:1])
(RR) 4111-54-0 (Li salt)
(SY) Disotat
(SY) N,N-diisopropylamine
(HM) *PROPYLAMINES
(PA) ANTIHYPERTENSIVE AGENTS
(II) REAGENTS
(NO) RN given refers to parent cpd; structure

diisopropylamine dichloroacetate
(RN) 660-27-5
(SY) DIPA
(SY) diisopropylammonium dichloroethanoate
(HM) *AMMONIUM COMPOUNDS
(PA) ANTIDIABETICS
(PA) CHOLINESTERASE INHIBITORS
(PA) VASODILATOR AGENTS
(NO) stimulates smooth muscle & strongly inhibits acetylcholinesterase activity

N,N-diisopropylamine see diisopropylamine

diisopropylamine salicylate
(RN) 36364-50-8
(HM) *SALICYLIC ACIDS
(HM) *PROPYLAMINES
(PA) ANTIHYPERTENSIVE AGENTS
(NO) RN given refers to [1:1] salt

2'-(2-(diisopropylamino)ethoxy)butyrophenone see ketocaine

N-(2-diisopropylaminoethyl)-N-(4,6-dimethyl-2-pyridyl)-N',N'-dimethylurea
(RN) 75308-65-5
(RR) 63763-54-2 (mono-HCl)
(SY) DDPDU
(SY) N,N-dimethyl-N'-(2-(diisopropylamino)ethyl)-N'-(4,6-dimethyl-2-pyridyl)urea
(HM) *METHYLUREA COMPOUNDS
(PA) ANTI-ULCER AGENTS
(NO) RN given refers to parent cpd; structure given in first source

S-(2-diisopropylaminoethyl)ethylmethylphosphonothioate see VX

2,2-(diisopropylamino)ethyl-4-methyl-2-(2-pyridyl) pentnamide see propisomide

diisopropylammonium dichloroethanoate see diisopropylamine dichloroacetate

O,O-diisopropyl-S-benzylthiophosphate see kitazin P

diisopropyldithiocarbamate
(RN) 25022-55-3
(RR) 4092-82-4 (Na salt)
(SY) DIPDTC
(HM) *DIETHYLDITHIOCARBAMATE/analogs
(NO) RN given refers to parent cpd

diisopropyl 1,3-dithiol-2-ylidenemalonate
(RN) 59937-28-9
(SY) NKK 105
(SY) NKK-105
(SY) malotilate
(HM) *MALONATES
(NO) structure in first source

diisopropyl ether
(RN) 108-20-3
(SY) isopropyl ether
(HM) *ETHERS

di-isopropyl-fluorophosphatase
(RN) EC 3.8.2.1
(RR) 9032-18-2 (CRN)
(SY) di-isopropyl phosphorofluoridase
(SY) DFPase
(HM) *HYDROLASES

diisopropylfluorophosphate-alpha-thrombin see DFP-alpha-thrombin

diisopropylideneacetone see phorone

N,N-diisopropyl-N'-isoamyl-N'-diethylaminoethylurea see P-286

diisopropyl methylphosphonate
(RN) 1445-75-6
(SY) DIMP
(HM) *ORGANOPHOSPHORUS COMPOUNDS
(NO) by-product of sarin manufacture; structure given in first source

2,6-diisopropylnaphthalene
(RN) 24157-81-1
(RR) 38640-62-9 (cpd with unspecified locants)
(HM) *NAPHTHALENES

diisopropylnitrosamine
(RN) 601-77-4
(HM) *NITROSAMINES

2,6-diisopropylphenol see disoprofol

N,N'-diisopropylphosphorodiamidic anhydride
(SY) N,N'-DPDA
(HM) *PHOSPHORIC ACID ESTERS
(PA) CHOLINESTERASE INHIBITORS

N,N'-diisopropylphosphorodiamidic fluoride see mipafox

di-isopropyl phosphorofluoridase see di-isopropyl-fluorophosphatase

diisopropylphosphoryl-thrombin
(SY) DIP-thrombin
(SY) DIP-alpha-thrombin
(HM) THROMBIN/*analogs

4,4'-diisothiocyano-2,2'-dihydrostilbene disulfonic acid see dihydro-DIDS

4,4'-diisothiocyano-1,2-diphenylethane-2,2'- disulfonate see dihydro-DIDS

3,4-diisovaleryl adrenaline
(HM) EPINEPHRINE/*analogs
(NO) precursor of adrenaline in iris-ciliary body

3,4-diisovaleryl adrenalone
(HM) EPINEPHRINE/*analogs
(NO) precursor of adrenaline in iris-ciliary body

diketene
(RN) 674-82-8
(HM) *LACTONES
(NO) structure

2,3-diketoaldonate decarboxylase
(RN) EC 4.1.1.-
(SY) diketogulonatase
(HM) *CARBOXY-LYASES
(NO) diketogulonate yields lyxonate + xylonate + CO(2)

diketocoriolin B
(RN) 34864-30-7
(HM) *SESQUITERPENES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) derivative of coriolon B

6,15-diketo-13,14-dihydro-PGF1 alpha see 6,15-diketo-13,14-dihydroprostaglandin F1alpha

6,15-diketo-13,14-dihydroprostaglandin F1alpha
(RN) 63983-53-9
(SY) 6,15-dioxo-13,14-dihydro-PGF1alpha
(SY) 6,15-diketo-13,14-dihydro-PGF1 alpha
(SY) 6,15-DDPF
(HM) 6-KETOPROSTAGLANDIN F1 ALPHA/*analogs
(NO) prostacyclin metabolite; RN given refers to (9alpha,11alpha)-isomer; RN for cpd without isomeric designation not in Chemline 7/84

diketogulonatase see 2,3-diketoaldonate decarboxylase

6,15-diketo-PGF1alpha see 6,15-diketoprostaglandin F1alpha

diketopiperazine
(RN) 29990-68-9
(RR) 35054-35-4 (ion(1-))
(HM) *PIPERAZINES
(NO) RN given refers to cpd with unspecified locants for keto moieities

6,15-diketoprostaglandin F1 alpha see 6,15-diketoprostaglandin F1alpha

6,15-diketoprostaglandin F1alpha
(SY) 6,15-diketo-PGF1alpha
(SY) 6,15-diketoprostaglandin F1 alpha
(SY) 6,15-dioxo-PGF1 alpha
(HM) 6-KETOPROSTAGLANDIN F1 ALPHA/*analogs

2,5-diketopyrrolidine see succinimide

dikon see troclosene

dikonit see troclosene

dilaster see cortivazol

1,2-dilaurin see 1,2-didodecanoylglycerol

2,3-dilauroyl-D-glycerol see 1,2-didodecanoylglycerol

dilauroylglycerophosphocholine
(RN) 18285-71-7
(RR) 18656-40-1 ((+-)-isomer)
(RR) 18194-25-7 ((R)-isomer)
(SY) dilauroyl lecithin
(SY) dilauroylphosphatidylcholine
(SY) dilaurylphosphatidylcholine
(HM) *PHOSPHATIDYLCHOLINES
(NO) RN given refers to cpd without isomeric designation

dilauroyl lecithin see dilauroylglycerophosphocholine

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1,2–dilauroylphosphatidic acid
(RN) 79806–85–2
(RR) 74020–17–0 (unspecified Na salt)
(SY) DLPA
(HM) *PHOSPHATIDIC ACIDS
(NO) RN given refers to parent cpd

dilauroylphosphatidylcholine see dilauroylglycerophosphocholine

dilaurylphosphatidylcholine see dilauroylglycerophosphocholine

dilauryl succinate
(RN) 5980–15–4
(HM) *SUCCINATES

dilinoleoylcephalin see 1,2–dilinoleoyl–3–phosphatidylethanolamine

dilinoleoyllecithin
(RN) 6542–05–8
(RR) 998–06–1 ((R–(all Z))–isomer)
(RR) 57028–53–2 (14C–labeled cpd (R–(all Z))–isomer)
(SY) dilinoleoyl phosphatidylcholine
(HM) *PHOSPHATIDYLCHOLINES
(NO) used for premature induction of labor in rabbits; RN given refers to (all Z)–isomer; RN for cpd without isomeric designation not in Chemline 7/25/83

dilinoleoyl phosphatidylcholine see dilinoleoyllecithin

1,2–dilinoleoyl–3–phosphatidylethanolamine
(RN) 55252–82–9
(SY) dilinoleoylcephalin
(HM) *PHOSPHATIDYLETHANOLAMINES

dilithium 6–amino–2–((hydrazinocarbonyl)amino)–2, 3–dihydro–1,3–dioxo–1H–benz(de)isoquinoline–5,8– disulfonate see lucifer yellow

dilor
(RN) 30913–64–5
(HM) *INDENES
(PA) INSECTICIDES, ORGANOCHLORINE
(NO) russian cpd; works by intestinal cotact action

diloxanide furoate
(RN) 3736–81–0
(SY) entamide furoate
(SY) furamide
(SY) 2,2–dichloro–4'–hydroxy–N–methylacetanilide 2–furoate
(HM) *FURANS
(PA) AMEBICIDES
(NO) structure

diludin see etidin

diludine see etidin

dimalan see mylanta

dimaprit
(RN) 65119–89–3
(RR) 23256–33–9 (di–HCl)
(RR) 72705–00–1 (maleate[1:1])
(SY) S–(3–N,N–dimethylamino)propyl)isothiourea
(HM) *APT
(II) RECEPTORS, HISTAMINE H2
(NO) histamine H2 agonist; RN given refers to parent cpd; structure

dimatif see dimatiph

dimatiph
(RN) 14465–96–4
(SY) dimatif
(SY) diethyleneimideamidothiophosphoric acid
(HM) *AZIRIDINES
(PA) ALKYLATING AGENTS
(PA) MUTAGENS
(II) CHEMOSTERILANTS

dimazine
(RN) 57–14–7
(RR) 593–82–8 (HCl)
(RR) 55484–54–3 (di–HCl)
(HM) *DIMETHYLHYDRAZINES
(NO) RN given refers to parent cpd

dimebolin
(RN) 3613–73–8
(SY) dimebone
(SY) dimebon
(HM) *INDOLES
(PA) ANTIHISTAMINICS
(NO) structure

dimebon see dimebolin

dimebone see dimebolin

dimecarbine see mecarbinate

dimecolin
(RN) 3425–97–6
(SY) 1,1,6–trimethyl–2–(beta–trimethylammoniumethoxycarbonyl)piperidinium diiodide
(HM) *PIPECOLIC ACIDS
(PA) GANGLIONIC BLOCKADERS
(NO) RN given refers to diiodide; RN for parent cpd not in Chemline 7/25/83; structure

DiMe–C7 see substance P(5–11), pGlu(5)–MePhe(8)–MeGly(9)–

5,9–diMe–DBC see 5,9–dimethyldibenzo(c,g)carbazole

dimeditiapramine
(RN) 57010–31–8
(RR) 57010–32–9 (HCl)
(SY) Ro 11–1781
(SY) N–(3,4–dimethoxyphenethyl)–2–(3,4–dimethoxyphenyl)–N–methyl–m–dithian–2–propylamin–1,1,3,3–tetroxide hydrochloride
(SY) tiapamil
(HM) *PROPYLAMINES
(PA) CALCIUM CHANNEL BLOCKERS
(PA) ANTI–ARRHYTHMIA AGENTS
(PA) ANTIHYPERTENSIVE AGENTS
(NO) calcium antagonist; synonym Ro 11–1781 refers to HCl; RN given refers to parent cpd

dimedone
(RN) 126–81–8
(RR) 17372–26–8 (Na salt)
(HM) *CYCLOHEXANONES
(NO) RN given refers to parent cpd; structure

dimefline
(RN) 1165–48–6
(RR) 2740–04–7 (HCl)
(HM) *FLAVONES
(NO) RN given refers to parent cpd; structure

4,8–DiMeIQX see 3,4,8–trimethylimidazo(4,5–f)quinoxalin–2–amine

dimekarbin see mecarbinate

dimemorfan
(RN) 36304–82–2
(RR) 36304–84–4 (phosphate salt[1:1])
(RR) 40678–33–9 (unspecified phosphate)
(RR) 36309–01–0 ((9alpha,13alpha,14alpha)–isomer)
(SY) d–3–methyl–N–methylmorphinan
(SY) AT 17
(SY) astomin
(SY) dinemorphan
(HM) *MORPHINANS
(PA) ANTITUSSIVE AGENTS
(NO) RN given refers to parent cpd without isomeric designation; synonym At 17 refers to phosphate[1:1] salt; structure

dimephenopan see dimethylamphetamine

dimepropion see metamfepramone

dimer Bjoerk see meglumine iozomate

2,3–dimercaptopropionic acid
(RN) 6220–25–3
(HM) *SULFHYDRYL COMPOUNDS
(II) CHELATING AGENTS

2–(2,3–dimercaptopropoxy)ethanesulfonate sodium see oxathiol

2–(((2,3–dimercaptopropyl)amino)carbonyl)benzoic acid see N–(2,3–dimercaptopropyl)phthalamidic acid

N–(2,3–dimercaptopropyl)phthalamidic acid
(RN) 13312–78–2
(SY) 2–(((2,3–dimercaptopropyl)amino)carbonyl) benzoic acid
(SY) 2,3–DPPA
(HM) *PHTHALIC ACIDS
(II) CHELATING AGENTS
(NO) stucture given in first source

2,3–dimercaptosuccinic acid–cyclic–thioantimonate see stibocaptate

5' dimer DNA glycosylase–3'–apyrimidinic endonuclease see pyrimidine dimer–DNA glycosylase

dimeriks see iocarmate meglumine

dimer–X see iocarmate meglumine

dimesna see 2,2'–dithiodiethanesulfonic acid

1,6–di–O–mesyl–2,3,4,5–dianhydro–iditol
(RN) 56247–01–9
(RR) 34340–02–8 ((D)–isomer)
(RR) 29171–77–5 ((L)–isomer)
(HM) *SUGAR ALCOHOLS
(PA) ANTINEOPLASTIC AGENTS
(NO) RN given refers to cpd without isomeric designation

dimesylerythritol
(RN) 4148–16–7
(RR) 83558–96–7 (14C–labeled cpd(R*,S*)–isomer)
(RR) 14255–70–0 (di–HCl(R*,S*)–isomer)
(RR) 2507–27–9 (dimethanesulfonate(R*,S*)–isomer)
(SY) R–74
(SY) lycurim
(SY) ritrosulfan
(SY) lykurim
(SY) ritosulfan
(HM) ERYTHRITOL/*analogs
(PA) ANTINEOPLASTIC AGENTS
(PA) IMMUNOSUPPRESSIVE AGENTS
(PA) ALKYLATING AGENTS
(NO) RN given refers to parent cpd(R*,S*)–isomer; RN for cpd without isomeric designation not in Chemline 7/84; structure

dimesyloxydipropylamine tosylate see improsan

dimetacrine see dimethacrine

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dimethacrine
(RN) 4757-55-5
(RR) 3759-07-7 (tartrate[1:1](R-(R*,R*))-isomer)
(SY) dimetacrine
(SY) SD 709
(SY) istonil
(SY) isotonil
(SY) miroistonil
(SY) 10-(3-(dimethylamino)propyl)-9,9-dimethylacridan tartrate
(SY) dimethacrine tartrate
(HM) *ACRIDINES
(PA) ANTIDEPRESSIVE AGENTS, TRICYCLIC
(NO) minor descriptor (75-84); on-line & Index Medicus search ACRIDINES (75-84); RN given refers to parent cpd without isomeric designation

dimethacrine tartrate see dimethacrine

dimethialium
(RN) 15659-74-2
(RR) 24726-70-3 (mononitrate)
(RR) 3150-89-8 (chloride(mono-HCl))
(RR) 2353-46-0 (chloride)
(HM) THIAMINE/*analogs
(NO) thiamine derivative with methyl group in place of hydroxyethyl group at 5-position of thiazole moiety; RN given refers to parent cpd

dimethiodal
(RN) 124-88-9
(SY) Urothrast
(SY) Urotrast
(SY) dimethiodal sodium
(HM) *METHANESULFONATES
(II) CONTRAST MEDIA
(NO) RN given refers to sodium; RN for parent cpd not in Chemline 7/25/83

dimethiodal sodium see dimethiodal

dimethophrine
(RN) 22950-29-4
(RR) 22775-12-8 (HCl)
(RR) 33956-75-1 (HCl(+-)-isomer)
(SY) 1-(4-hydroxy-3,5-dimethoxyphenyl)-2-methylaminoethanol
(SY) pressamina
(SY) dimetofrine
(SY) dimetrophine
(HM) *ETHANOLAMINES
(PA) ADRENERGIC ALPHA RECEPTOR AGONISTS
(PA) SYMPATHOMIMETICS
(NO) proposed cardiovascular stimulant; minor descriptor (75-85); on-line & Index Medicus search ETHANOLAMINES (75-85); RN given refers to parent cpd without isomeric designation

dimethothiazine see fonazine

dimethoxane
(RN) 828-00-2
(HM) *DIOXANES
(PA) ANTIFUNGAL AGENTS

dimethoxon
(RN) 1113-02-6
(SY) omethoate
(HM) DIMETHOATE/*analogs
(PA) INSECTICIDES, ORGANOTHIOPHOSPHATE

5,6-dimethoxy-2-(3-((alpha-(3,4-dimethoxy)phenylethyl)methylamino)propyl)phthalimidine see AQ-A 39

2,5-dimethoxyamphetamine
(RN) 2801-68-5
(RR) 64610-44-2 (sulfate[2:1])
(RR) 58993-81-0 ((R)-isomer)
(RR) 58993-80-9 ((S)-isomer)
(RR) 50505-85-6 (HCl(S)-isomer)
(RR) 50505-84-5 (HCl(R)-isomer)
(RR) 24973-25-9 (HCl)
(RR) 16094-57-8 (HCl(+-)-isomer)
(RR) 13641-74-2 ((+-)-isomer)
(RR) 69321-45-5 (oxalate[1:1](+-)-isomer)
(SY) 1-(2,5-dimethoxyphenyl)-2-aminopropane
(HM) *AMPHETAMINES
(PA) HALLUCINOGENS
(NO) RN given refers to parent cpd without isomeric designation

3,4-dimethoxyamphetamine
(RN) 120-26-3
(RR) 13078-75-6 (HCl)
(RR) 64778-78-5 ((R)-isomer)
(RR) 64610-45-3 (sulfate[2:1])
(RR) 13674-00-5 (HCl(+-)-isomer)
(RR) 2936-29-0 ((+-)-isomer)
(RR) 2811-24-7 (HCl(S)-isomer)
(HM) *AMPHETAMINES
(NO) RN given refers to parent cpd without isomeric designation

1-5,6-dimethoxyaporphine see nuciferine

7,8-dimethoxy-1H-3-benzazepin-2-amine HCl see LY 127210

3,4-dimethoxy benzenemethanol see veratryl alcohol

3,3'-dimethoxybenzidine
(RN) 119-90-4
(RR) 20325-40-0 (di-HCl)
(RR) 56436-30-7 (sulfate)
(RR) 28716-14-5 (HCl)
(HM) *BENZIDINES
(NO) RN given refers to parent cpd

8,9-dimethoxy-1H-benzo(de)(1,6)naphthyridine see aaptamine

2,6-dimethoxy-1,4-benzoquinone
(RN) 530-55-2
(HM) *QUINONES
(II) ALLERGENS
(NO) structure given in first source

7,7'-dimethoxy-(4,4'-bi-1,3-benzodioxole)-5,5'-dicarboxylic acid dimethyl ester
(RN) 73536-69-3
(SY) alpha-diphenyldicarboxylate
(SY) biphenyl dimethyl-dicarboxylate
(SY) BDD
(SY) dimethyl4,4'-dimethoxy-5,6,5',6'-dimethylenedioxybiphenyl-2,2'-dicarboxylate
(HM) *DIOXOLES
(II) PLANTS, MEDICINAL
(II) PLANT EXTRACTS
(NO) structure given in first source

3,3'-dimethoxybiphenyl-4,4'-bisdiazonium see fast blue B

2,5-dimethoxy-4-bromoamphetamine
(RN) 32156-26-6
(RR) 29705-96-2 (mono-HCl)
(RR) 43061-15-0 ((R)-isomer)
(RR) 43061-16-1 ((S)-isomer)
(RR) 50505-92-5 (mono-HCl(R)-isomer)
(RR) 50505-93-6 (mono-HCl(S)-isomer)
(RR) 51261-87-1 (mono-HCl(+-)-isomer)
(RR) 53581-53-6 (mono-HBr(+-)-isomer)
(RR) 53581-80-9 (mono-HBr(S)-isomer)
(RR) 53581-80-9 (77Br-labeled cpd)
(RR) 55181-91-4 (82Br-labeled cpd)
(RR) 64638-07-9 ((+-)-isomer)
(RR) 53581-79-6 (mono-HBr(R)-isomer)
(RR) 52432-70-9 ((beta)-isomer)
(RR) 67200-77-5 ((beta)-(+-)-isomer)
(SY) 4-bromo-2,5-dimethoxyamphetamine
(SY) 4-bromo-2,5-dimethoxyphenethylamine
(HM) *DOM/analogs
(PA) HALLUCINOGENS
(NO) RN given refers to (alpha)-isomer; RN for cpd without isomeric designation not in Chemline 7/27/83

1-(2,5-dimethoxy-4-(2-butyl)phenyl)-2-aminopropane
(RN) 89556-71-8
(RR) 89556-69-4 (HCl)
(SY) 1-DBPAP
(HM) *DOM/analogs
(PA) HALLUCINOGENS
(NO) RN & structure given in first source; RN given refers to parent cpd; RN not in Chemline 7/84

6,7-dimethoxy-4-(4-chlorobenzyl) isoquinoline
(RN) 32871-99-1
(RR) 32872-00-7 (HBr)
(HM) PAPAVERINE/*analogs
(NO) RN given refers to parent cpd; structure in first source

N-(3',4'-dimethoxycinnamoyl)anthranilic acid
(RN) 53902-12-8
(SY) N 5'
(SY) N-5'
(SY) tranilast
(HM) *ANTHRANILIC ACIDS
(NO) antiallergic drug; potent inhibitor of homologous passive cutaneous anaphylaxis; structure

5,7-dimethoxycoumarin
(RN) 487-06-9
(HM) *COUMARINS
(NO) has photobiological activity

6,7-dimethoxycoumarin see scoparone

5,9-dimethoxy-7H-dibenzo(de,h)quinoline-7-one see bianfugecine

7,8-dimethoxy-3,4-dihydroisoquinoline
(RN) 75877-72-4
(SY) 7,8-DMDHI
(HM) *ISOQUINOLINES

3,4-dimethoxy-1,2-dimethylcarbazoleCarbazomycin A see carbazomycin A

2,5-dimethoxy-N,N-dimethyl-4-iodoamphetamine see 4-iodo-2,5-dimethoxyphenylisopropylamine

dimethoxyethane see 1,2-dimethoxyethane

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1,2–dimethoxyethane
(RN) 110–71–4
(RR) 25154–53–4 (cpd with unspecified locants for methoxy moieties)
(RR) 38095–34–0 (conjugate monoacid)
(SY) dimethoxyethane
(SY) ethylene glycol dimethyl ether
(HM) *ETHYL ETHERS
(NO) RN given refers to cpd with specified locants for methoxy moieties

6,7–dimethoxy–4–ethyl–beta–carboline–3–carboxylate
(RN) 82499–00–1
(SY) DMCM
(HM) *CARBOLINES
(PA) CONVULSANTS
(NO) structure given in first source

dimethoxyethyl phthalate
(RN) 117–82–8
(SY) di(2–methoxyethyl)phthalate
(HM) *PHTHALIC ACIDS

di(2–methoxyethyl)phthalate see dimethoxyethyl phthalate

3,4–dimethoxyhydrobenzoin see 1–(3,4–dimethoxyphenyl)–2–phenylethanediol

3,4–dimethoxy–5–hydroxybenzoic acid
(RN) 1916–08–1
(SY) DMHBA
(HM) GALLIC ACID/*analogs
(NO) thiopurine methyltransferase inhibitor

5,6–dimethoxyindan–1–acetic acid
(RN) 62956–65–4
(SY) 5,6–DMIAA
(HM) *INDANS
(PA) ANTI–INFLAMMATORY AGENTS
(NO) structure given in first source

5,6–dimethoxyindolyl–2–carboxylic acid see 5,6–dimethoxyindole–2–carboxylic acid

dimethoxymethane
(RN) 109–87–5
(SY) methylal
(HM) *METHYL ETHERS
(II) AIR POLLUTANTS, OCCUPATIONAL

2,3–dimethoxy–5–methyl–6–decaprenylbenzoquinone see coenzyme Q10

2,3–dimethoxy–6–methyl–8,9–(methylenedioxy)–11H–indeno(1,2–c) isoquinoline
(RN) 87922–29–0
(SY) 2,3–dimethoxy–6–methyl–8,9–(methylenedioxy)–11H–indeno(1,2–c)isoquinolinium chloride
(SY) 2,3–DMMII
(HM) *ISOQUINOLINES
(PA) ANTINEOPLASTIC AGENTS
(NO) RN given refers to chloride; RN & structure given in first source; RN for parent cpd & chloride not in Chemline 5/84

2,3–dimethoxy–6–methyl–8,9–(methylenedioxy)–11H–indeno(1,2–c)isoquinolinium chloride see 2,3–dimethoxy–6–methyl–8,9–(methylenedioxy)–11H–indeno(1,2–c)isoquinoline

2–(2,5–dimethoxy–4–methylphenyl) cyclobutylamine
(RN) 90791–14–3
(RR) 90791–13–2 (HCl(trans)–isomer)
(SY) 2–DMPCB
(HM) *CYCLOBUTANES
(NO) in contrast to related cpd DOM it is not a hallucinogen; RN & structure given in first source; RN not in Chemline 10/84; RN given refers to (trans)–isomer; RN for cpd without isomeric designation not available 10/84

6–7,8–dimethoxy–3–methyl–1–phenyl–2,3,4,5–tetrahydro–1H–3–benzazepine see trimopam

1–(2,5–dimethoxy–4–(2–methylpropyl) phenyl–2–aminopropane
(RN) 89556–70–7
(RR) 89556–64–9 (HCl)
(SY) 1–DMPPA
(HM) *DOM/analogs
(PA) HALLUCINOGENS
(NO) RN & structure given in first source; RN given refers to parent cpd; RN not in Chemline 7/84

5–((3,5–dimethoxy–4–(methylthio)phenyl)methyl)–2,4–pyrimidinediamine see metioprim

4,5–dimethoxy–2–nitrobenzyl cyclic AMP
(SY) cyclic AMP 4,5–dimethoxy–2–nitrobenzyl ester
(SY) 4,5–DMNB–cycl AMP
(HM) ADENOSINE CYCLIC MONOPHOSPHATE/*analogs
(NO) physiologically inert before irradiation but liberates free cyclic AMP on absorption of a photon; produces intracellular jump in cyclic AMP concentration; structure given in first source

4,5–dimethoxy–2–nitrobenzyl cyclic GMP
(SY) cyclic GMP 4,5–dimethoxy–2–nitrobenzyl ester
(SY) 4,5–DMNB–cycl GMP
(HM) GUANOSINE CYCLIC MONOPHOSPHATE/*analogs
(NO) physiologically inert before irradiation but liberates free cyclic GMP on absorption of a photon; produces intracellular jump in cyclic GMP concentration; structure given in first source

1–(3,4–dimethoxyphenethylamino)–3–(3,4–dihydroxyphenoxy)–2–propanol see Ro 363

(2–(3–(3,4–dimethoxyphenethylamino)–2–hydroxypropoxy) phenyl)–4–(2–thienyl)imidazole.2HCl see L 643717–01J10

(3,4–dimethoxyphenethylaminomethyl)–2–hydroxybenzyl alcohol see TA 078

(3,4–dimethoxyphenethylaminomethyl)–4–hydroxybenzyl alcohol see TA 064

N–(3,4–dimethoxyphenethyl)–2–(3,4–dimethoxyphenyl)–N–methyl–m–dithian–2–propylamin–1,1,3,3–tetroxide hydrochloride see dimeditiapramine

(2–(2',6'–dimethoxy)phenoxyethylamino)methylbenzo–1,4–dioxane see WB 4101

(2–(2',6'–dimethoxy)phenoxyethylamino) methylbenzodioxan.HCl see WB 4101

2–(((2–(2,6–dimethoxyphenoxy)ethyl)amino) methyl–1,4–dioxane(1,2–b)naphthalene
(SY) 2–DPEAMDN
(HM) *DIOXANES
(PA) ADRENERGIC ALPHA RECEPTOR BLOCKADERS
(NO) structure given in first source

3–(((2–(2,6–dimethoxyphenoxy)ethyl)amino) methyl–1,4–dioxane(1,2–b)naphthalene
(SY) DPEAMDN
(HM) *DIOXANES
(PA) ADRENERGIC ALPHA RECEPTOR BLOCKADERS
(NO) structure given in first source

N–(2–(2,6–dimethoxyphenoxy)ethyl)–2–(2–methoxyphenoxy) ethanaminium chloride see ACC–7513

1–(2',5'–dimethoxyphenyl)aminoethanol see ST–1059

2–(3,4–dimethoxyphenylamino)imidazoline see RX 77171

1–(2,5–dimethoxyphenyl)–2–aminopropane see 2,5–dimethoxyamphetamine

1–(((3,4–dimethoxyphenyl)ethyl)amino)–3–(4–hydroxyphenoxy)–2–propanol
(RN) 87112–65–0
(SY) 1–DPEEP
(HM) *PROPANOLAMINES
(NO) structure given in first source

3–(4–(3–((2–(3,4–dimethoxyphenyl)ethyl)amino)–2–hydroxypropoxy)phenyl)–2–crotonic acid nitrile see Hoe 224

(2–(3,4–dimethoxyphenyl)ethyl)dimethylselenonium iodide see (2–(3,4–dimethoxyphenyl)ethyl)dimethylselenonium

(2–(3,4–dimethoxyphenyl)ethyl) dimethylselenonium
(RN) 85709–86–0
(RR) 85709–87–1 (75Se–labeled cpd)
(SY) (2–(3,4–dimethoxyphenyl)ethyl) dimethylselenonium iodide
(SY) 2–DPEDS
(HM) DOPAMINE/*analogs
(HM) *SELENIUM
(NO) potential radiopharmaceutical for adrenal gland; structure & RN from first source; RN given refers to iodide; RN for parent cpd not in Chemline or first source 8/83

2–(3,4–dimethoxyphenyl)–3–fluoroallylamine
(RN) 85278–66–6
(SY) 2–DLPFA
(SY) MDL 72145
(SY) MDL–72145
(HM) *ALLYLAMINE/analogs
(PA) MONOAMINE OXIDASE INHIBITORS
(NO) strucure & RN from first source; RN given refers to (E)–isomer; RN for parent cpd without isomeric designation not in Chemline 2/14/84

2–(4–(2–(3,4–dimethoxyphenyl)–2–hydroxyethyl)–1–piperazinyl)–2,4,6–cycloheptatrien–1–one see ciladopa

4–(3,4–dimethoxyphenyl)methyl)–2–imidazolidinone see RO 7–2956

1–(3,4–dimethoxyphenyl)–2–phenylethanediol
(SY) 3,4–dimethoxyhydrobenzoin
(SY) 3,4–DMHB
(HM) BENZOIN/*analogs
(NO) model dimer which is quantitatively cleaved by ligninase in air to give benzaldehyde & veratraldehyde; structure given in first source

3,7–dimethoxy–4–phenyl–N–(1H–tetrazol–5–yl)–4H–furo–(3,2–b)–indole–2–carboxamide 1–arginate see CI 922

2,2–dimethoxypropane
(RN) 77–76–9
(HM) ALCOHOL, PROPYL/*analogs
(NO) dehydrating agent in electron microscopy specimen preparation; structure

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10,11-dimethoxy-N-n-propylnoraporphine
(RN) 40285-10-7
(RR) 84579-75-9 ((R)-isomer)
(RR) 84454-81-9 ((+-)-isomer)
(SY) NPA-DME
(HM) APOMORPHINE/*analogs
(NO) RN given refers to cpd without isomeric designation; structure given in first source

N-((6-(2,3-dimethoxypropyl)tetrahydro-4-hydroxy-5,5-dimethyl-2H-pyran-2-yl)methoxymethyl)tetrahydro-alpha-hydroxy-2-methoxy-5,6-dimethyl-4-methylene-2H-pyran-2- acetamide see pederin

1-(4,7-dimethoxy-6-(2-(1-pyrrolidinyl)ethoxy)-5-benzofuranyl)-3-methylurea see carocainide

2,6-dimethoxysemiquinone anions see 2,6-dimethoxysemiquinone radicals

2,6-dimethoxysemiquinone radicals
(RN) 26547-64-8
(SY) 2,6-dimethoxysemiquinone anions
(HM) *QUINONES
(II) FREE RADICALS
(NO) probe of cell-surface charge; structure given in first source

5,6-dimethoxysterigmatocystin
(RN) 65176-75-2
(HM) *STERIGMATOCYSTIN/analogs
(PA) MYCOTOXINS
(NO) structure given in first source

5,6-dimethoxy-1,2,3,4-tetrahydroisoquinoline see SK&F 72223

4,5-dimethoxy-o-tolyl methylsulfoxide see tolmesoxide

10,11-dimethoxytubulosanol see tubulosine

5,6-dimethoyxindole-2-carboxylic acid
(RN) 88210-96-2
(SY) 5,6-dimethoxyindolyl-2-carboxylic acid
(SY) 5,6-DICA
(HM) *INDOLES
(NO) identified in urine of patients with malignant melanoma

dimethyhydrazinium-2-chloroethylphosphonate see dihydrel

dimethylacetamide
(RN) 127-19-5
(SY) N,N-dimethylacetamide
(HM) *ACETAMIDES
(PA) CRYOPROTECTIVE AGENTS

N,N-dimethylacetamide see dimethylacetamide

2,6-dimethylacetaminophen
(SY) 2,6-DM-APAP
(HM) ACETAMINOPHEN/*analogs
(NO) structure given in first source

3',5'-dimethylacetaminophen
(RN) 22900-79-4
(SY) 3',5'-dimethyl-4'-hydroxyacetanilide
(HM) ACETAMINOPHEN/*analogs
(NO) structure given in first source

3-(dimethyl-2-(acetimidoxyethyl)ammonio) propanesulfonate
(RN) 90992-23-7
(SY) DAOAPS
(HM) *IMIDOESTERS
(II) INDICATORS AND REAGENTS
(NO) reagent used in determining sidedness of NH2 terminal of membrane proteins; structure given in first source

3,3'-dimethyl-N-acetylbenzidine
(RN) 3546-13-2
(HM) *BENZIDINES
(PA) MUTAGENS
(NO) urinary metabolite of ortho-toluidine

O,S-dimethyl N-acetyl phosphoramidothioate see acephate

3,3-dimethylacrylic acid ethyl ester
(RN) 638-10-8
(HM) *METHACRYLATES
(NO) structure in first source

2,2'-dimethyl-5-adamantyloxazolidine-N-oxyl see adamantyl nitroxide

N(6),N(6)-dimethyladenine
(RN) 938-55-6
(SY) dimethylaminopurine
(HM) ADENINE/*analogs

N(6),N(6)-dimethyladenosine
(RN) 2620-62-4
(SY) 6-dimethylaminopurine riboside
(SY) 6-(gamma,gamma-dimethylamino)purine riboside
(HM) ADENOSINE/*analogs
(II) RNA CAPS

N(6),N(6)-dimethyladenylyl(3'-5')N(6),N(6)-dimethyladenosine
(RN) 2273-75-8
(SY) m(6)(2)Apm(6)(2)A
(HM) ADENOSINE MONOPHOSPHATE/*analogs
(NO) dinucleotide sequence occurring in 16-18-S ribosomal RNA

N,N-dimethylalanine
(RN) 2812-31-9
(SY) N(alpha),N(alpha)-dimethylalanine
(HM) ALANINE/*analogs

7,8-dimethylalloxazine see Lumichrome

dimethylallyladenine see N(6)-(delta(2)-isopentenyl)adenine

dimethylallyl pyrophosphate-L-tryptophan dimethylallyltransferase see dimethylallyl tryptophan synthetase

3,3-dimethylallyl pyrophosphate
(RN) 358-72-5
(RR) 4898-92-4 ((14)C-labeled cpd)
(SY) DMAPP
(HM) *ORGANOPHOSPHORUS COMPOUNDS
(NO) isomeric with isopentenyl pyrophosphate

dimethylallyl tryptophan synthetase
(RN) EC 2.5.1.-
(SY) dimethylallyl pyrophosphate-L-tryptophan dimethylallyltransferase
(SY) DMAT synthetase
(HM) *TRANSFERASES

5,5-dimethyl-3-(alpha,alpha,alpha,4-tetrafluoro-m-tolyl)hydantoin see 5,5-dimethyl-3-(alpha,alpha,alpha,4-tetrafluoro-3-tolyl)hydantoin

5,5-dimethyl-3-(alpha,alpha,alpha,4-tetrafluoro-3-tolyl)hydantoin
(RN) 70842-04-5
(SY) DMTFTH
(SY) 5,5-dimethyl-3-(alpha,alpha,alpha,4-tetrafluoro-m-tolyl)hydantoin
(HM) *IMIDAZOLES
(PA) SCHISTOSOMICIDES
(NO) structure given in first source

1,1-dimethyl-3-(alpha,alpha,alpha-trifluoro-m-tolyl) urea see fluometuron

4,4-dimethyl-5-alpha-cholesta-(8,24)-dien-3-beta-ol
(RN) 7448-02-4
(RR) 17926-02-2 ((3beta)-isomer)
(SY) 4,4-dimethylzymosterol
(HM) *CHOLESTADIENOLS
(NO) RN given refers to (3beta,5alpha)-isomer; RN for cpd without isomeric designation not in Chemline 7/84

O,O-dimethyl S-alpha-ethoxycarbonylbenzylphosphorodithioate see phenthoate

N,N-dimethyl-2-(alpha-phenyl-o-tolyloxy)ethylamine see phenyltoloxamine

dimethylamainoethyl 2-cyclohexyl-2-hydroxy-2-phenyl acetate see amedin

N,N-dimethylamido-O-ethyl cyanophosphate see tabun

5-dimethylamiloride
(RN) 1214-79-5
(SY) MK 685
(SY) MK-685
(SY) 3-amino-5-dimethylamino-6-chloro-N-(diaminomethylene)pyrazinecarboxamide
(HM) AMILORIDE/*analogs

dimethylamine
(RN) 124-40-3
(RR) 77354-92-8 (phosphate[3:1])
(RR) 30781-73-8 (nitrate)
(RR) 23307-05-3 (sulfate[1:1])
(RR) 21249-13-8 (sulfate)
(RR) 14488-49-4 (perchlorate)
(RR) 506-59-2 (HCl)
(RR) 17000-01-0 (conjugate acid)
(SY) dimethylamine hydrochloride
(HM) *DIMETHYLAMINES
(NO) RN given refers to parent cpd

dimethylamine dehydrogenase
(RN) EC 1.5.99.-
(HM) *OXIDOREDUCTASES, N-DEMETHYLATING
(NO) from Hyphomicrobium, 6-S-cysteinyl-FMN is coenzyme

dimethylamine hydrochloride see dimethylamine

dimethylamine mono-oxygenase see secondary amine monooxygenase

4-dimethylamino-alpha,2-dimethylphenethylamine see amiflamin

(4-(4-(dimethylamino) alpha-phenylbenzylidene)-2,5-cyclohexadien-1-ylidene)dimethylammonium chloride see malachite green

4'-N,N-dimethylamino-4-aminoazobenzene
(RN) 539-17-3
(SY) DAAB
(HM) DIMETHYLAMINOAZOBENZENE/*analogs
(II) CHROMOGENIC COMPOUNDS

dimethylaminoantipyrine N-demethylase
(RN) EC 1.5.99.-
(SY) DMAP N-demethylase
(HM) *OXIDOREDUCTASES, N-DEMETHYLATING

4-dimethylaminoazobenzene-4'-iodoacetamide
(RN) 77145-08-5
(SY) DABIA
(HM) DIMETHYLAMINOAZOBENZENE/*analogs
(II) INDICATORS AND REAGENTS
(NO) structure given in first source

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4-(N,N-dimethylaminoazobenzene)-4'-isothiocyanate
(RN) 7612-98-8
(SY) DABITC
(HM) DIMETHYLAMINOAZOBENZENE/*analogs
(HM) *THIOCYANATES
(II) INDICATORS AND REAGENTS
(NO) chromophoric reagent for protein sequence analysis

4-dimethylaminoazobenzene-4'-N-maleimide
(RN) 87963-80-2
(SY) DABMA
(HM) DIMETHYLAMINOAZOBENZENE/*analogs
(II) INDICATORS AND REAGENTS
(NO) structure given in first source

4-dimethylaminoazobenzene reductase see azobenzene reductase

dimethylaminoazobenzene-4'-sulfonyl chloride
(RN) 56512-49-3
(SY) DABS-Cl
(SY) dabsyl-Cl
(HM) DIMETHYLAMINOAZOBENZENE/*analogs
(II) INDICATORS AND REAGENTS
(NO) chromophoric labelling reagent for amino acids, peptides, proteins; structure

4-N,N-dimethylaminoazobenzene-4'-thiohydantoin see DABTH

4-(dimethylamino)benzaldehyde
(RN) 100-10-7
(RR) 5988-39-6 (HCl)
(RR) 28602-27-9 (cpd with unspecified locants)
(SY) Ehrlich's reagent
(HM) *BENZALDEHYDES
(II) INDICATORS AND REAGENTS
(NO) RN given refers to parent cpd; structure

9-(dimethylamino)-benzophenoxazinium chloride cpd with zinc chloride see Meldola blue

2',3-dimethyl-4-aminobiphenyl
(RN) 13394-86-0
(RR) 58109-32-3 (HCl)
(SY) 2',3-dimethyl-4-aminobiphenyl
(HM) *AMINOBIPHENYL COMPOUNDS
(PA) CARCINOGENS
(NO) RN given refers to parent cpd; structure

2',3-dimethyl-4-aminobiphenyl see 2',3-dimethyl-4-aminobiphenyl

3-((dimethylamino)carbonyl)amino-4-aminopyridine see LF 14

dimethylaminochalcone
(RN) 1030-27-9
(SY) 4-(dimethylamino)chalcone
(HM) *CHALCONE/analogs

4-(dimethylamino)chalcone see dimethylaminochalcone

N,N-dimethyl-4-amino-3-chloroangelicin
(RN) 86799-45-3
(SY) DMA CA
(HM) *PSORALENS

4-dimethylaminocinnamaldehyde see 4-dimethylaminocinnamaldehyde

4-dimethylaminocinnamaldehyde
(RN) 6203-18-5
(SY) trans-4-(N,N-dimethylamino)cinnamaldehyde
(SY) 4-dimethylaminocinnamaldehyde
(HM) *CINNAMATES
(II) INDICATORS AND REAGENTS

trans-4-(N,N-dimethylamino)cinnamaldehyde see 4-dimethylaminocinnamaldehyde

4-(N,N-dimethylamino)cinnamaldoxime
(RN) 83387-07-9
(RR) 88425-12-1 ((Z,E)-isomer)
(RR) 88425-13-2 ((E,E)-isomer)
(SY) 3-(4-(dimethylamino)phenyl)-2-propenal oxime
(HM) *OXIMES
(NO) RN & structure given in first source; RN given refers to cpd without isomeric designation; RN not in Chemline 6/84

N-(2-(dimethylamino)cyclopentyl)-N-(3,4-dichlorophenyl)propanamide
(RN) 67450-78-6
(RR) 67450-79-7 (ethanedioate salt[1:1](cis)-isomer)
(RR) 67450-45-7 (maleate)
(SY) DCDPP
(HM) *CYCLOPENTANES
(PA) ANTIDEPRESSIVE AGENTS
(NO) RN given not in Chemline 7/26/83; structure given in first source

6-dimethylamino-9-(3'-deoxy-3'-(p-azido-L-phenylalanylamino)-beta-D-ribofuranosyl)purine see 4-azidopuromycin

p-dimethylaminodiazobenzenesulfonic acid see dexon (fungicide)

2-(N,N-dimethylamino)-6,7-dihydroxytetralin see TL-99

3-dimethylamino-2-dimethylaminomethyl-1-(4-methoxyphenyl)-1-propanone
(SY) DDMMP
(HM) *PROPIOPHENONES
(PA) ANTINEOPLASTIC AGENTS

2-dimethylamino-5,6-dimethylpyrimidin-4-yldimethylcarbamate see pirimicarb

N-(4-dimethylamino-3,5-dinitrophenyl) maleimide
(RN) 3475-74-9
(HM) *MALEIMIDES

L-3-((dimethylamino)-(m-dioxan-5-yl)methyl)pyridine see doxpicodin

4-N,N-dimethylamino-1,2-dithiolane see nereistoxin

5-(2-(dimethylamino)ethoxy)-6-(2-(dimethylamino) ethoxycarbonyl)-7-oxobenzo(c)fluorenone dihydrochloride see VUFB 14162

5-(2-dimethylaminoethoxy)-7-oxo-7H-benzo(c)fluorene see VUFB 13468

4-(2-(dimethylamino)ethylaminocarbonyl)phenyl 1,2,3,4-tetrahydro-1-naphthoate hydrochloride see FK 316

4-(dimethylaminoethylamino)-7-iodoquinoline
(RN) 74094-83-0
(SY) IQ-13
(HM) *AMINOQUINOLINES

1-(2-(dimethylamino)ethyl)-9-ethyl- 1,3,4,9-tetrahydro-1-methylthiopyrano(3,4-b)indole see tandamine

N-(4-((1-dimethylamino)ethylidene)amino)phenyl)-2-methoxyacetamide.HCl see amidantel

3-(2-(dimethylamino)ethyl)indol-4-ol see psilocin

dimethylaminoethyl methacrylate-acrylonitrile copolymer see acrylonitriledimethylaminoethyl methacrylate copolymer

dimethylaminoethyl methacrylate-methylmethacrylate copolymer
(RN) 26222-42-4
(SY) DMAEMA-MMA
(HM) *METHYLMETHACRYLATES

2-((2-(dimethylamino)ethyl)(4-methoxybenzyl)amino) pyrimidine see thonzylamine

N-(2-dimethylaminoethyl)-3-nitronaphthalimide see M-4212

2-((2-dimethylaminoethyl)-3-thenylamino)pyridine see thenyldiamine

9-(dimethylamino)-2-hydroxybenzo(a)phenazoxonium chloride see muscarine (dye)

4-dimethylamino-3-hydroxymethyl-2-methyl-2-phenyl-3pyrazolin-5-one, see 3-hydroxymethylaminopyrine

7-(dimethylamino)-3-imino-3H-phenothiazine hydrochloride see Azure A

dimethylaminomethanediphosphonate see N,N-dimethylaminomethane diphosphonic acid

N,N-dimethylaminomethane diphosphonic acid
(RN) 29712-30-9
(RR) 89130-92-7 (mono-Na salt)
(RR) 68479-78-7 (tri-Na salt)
(RR) 66225-86-3 (Tc salt)
(SY) DMAMDP
(SY) dimethylaminomethanediphosphonate
(HM) *DIPHOSPHONATES
(NO) RN given refers to parent cpd

3-dimethylamino-6-methoxyacridine
(RN) 84746-04-3
(SY) 3-DMA-6-MA
(HM) *AMINOACRIDINES
(II) FLUORESCENT DYES
(NO) structure given in first source

2-(dimethylamino)-8-(methylamino)-6-methyl-1,3,7,9-tetraazacyclopent(e)azulene see paragracine

N-(7-dimethylamino-4-methylcoumarinyl) maleimide
(RN) 55145-14-7
(SY) DACM
(SY) N-(7-(dimethylamino)-4-methyl-3-coumarinyl) maleimide
(HM) *MALEIMIDES
(II) INDICATORS AND REAGENTS
(II) SULFHYDRYL REAGENTS
(NO) fluorescent thiol reagent; structure

N-(7-(dimethylamino)-4-methyl-3-coumarinyl)maleimide see N-(7-dimethylamino-4-methylcoumarinyl)maleimide

2-(2-(5-dimethylaminomethylfuran-2-ylmethylthio) ethylamino)-5-(6-methylpyrid-3-ylmethyl)pyrimid-4-one see SK&F 93479

N-(2-(((5-((dimethylamino)methyl)-2-furanyl)methyl) thio)ethyl)-N'-methyl-N"-cyanoguanidine see AH 18801

N-(2-(5-dimethylaminomethylfuran-2-ylmethylthio)ethyl) -3-pyridinecarboxamide 1-oxide dihydrochloride see CM 57755

(4-dimethylamino-4-methylpentyl-2-carbamoyl)-6,7-dimethoxy-1-thioisochroman 1,1-dioxide see tisocromide

3-dimethylamino-2-methyl-2-phenoxypropiophenone see U 0882

10-(3-dimethylamino-2-methylpropyl)phenothiazine-2-carbonitrile see cyamemazine

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2-(N,N-dimethylaminomethyl)-2,3,7,8-tetrahydro-1H-quino(1,8-ab)(1)-benzazepine
(SY) N,N-DTQB
(HM) IMIPRAMINE/*analogs
(PA) ANTIDEPRESSIVE AGENTS
(NO) structure given in first source

7-dimethylaminonaphthalene-1,2-dicarbonic acid hydrazide
(SY) DMNH
(HM) *NAPHTHALENES
(HM) *HYDRAZINES
(II) FLUORESCENT DYES
(NO) chemiluminescent oxidant indicator

1-(5-dimethylaminonaphthalene-1-sulfonamide)ethane-2-trimethylammonium iodide see DNS-chol

1-(5-dimethylaminonaphthalene-1-sulfonamido)ethane-2-trimethylammonium perchlorate see DNS-chol

(1-(5-dimethylaminonaphthalene)sulfonamido)-n- hexanoic acid-beta-N-trimethylammonium bromide ethyl ester see (1-(5-dimethylaminonaphthalene)sulfonamido)-n- hexanoic acid-beta-N-trimethylammonium ethyl ester

(1-(5-dimethylaminonaphthalene) sulfonamido)-n-hexanoic acid-beta-N-trimethylammonium ethyl ester
(RN) 60837-35-6
(SY) DNS-C6-CHO
(SY) (1-(5-dimethylaminonaphthalene)sulfonamido)-n-hexanoic acid-beta-N-trimethylammonium bromide ethyl ester
(HM) *AMMONIUM COMPOUNDS
(II) FLUORESCENT DYES
(NO) RN given refers to bromide; RN for parent cpd not in Chemline 7/27/83

2-(5'-dimethylaminonaphthalene-1'-sulfonamido)methylimidic acid methyl ester
(RN) 89664-16-4
(SY) 2-dansyl-MIAM
(HM) *IMIDOESTERS
(HM) *DANSYL COMPOUNDS
(II) FLUORESCENT DYES
(NO) structure given in first source

dimethylaminonaphthalene-5-sulfonaminoethylmethylamine.HCl see dimethylaminonaphthalene-5-sulfonaminoethylmethylamine

dimethylaminonaphthalene-5-sulfonaminoethylmethylamine
(RN) 74686-82-1
(SY) DDNS
(SY) dimethylaminonaphthalene-5-sulfonaminoethylmethylamine.HCl
(HM) *DANSYL COMPOUNDS
(II) FLUORESCENT DYES

2'-(5-dimethylaminonaphthalene-1-sulfonyl)amino-2'-deoxy-ATP see dansylamino deoxy-ATP

N-(5-dimethylaminonaphthalene-1-sulfonyl) -4-aminophenyl-beta-lactoside
(SY) DNS-PAPL
(HM) *DANSYL COMPOUNDS
(II) LIGANDS

5-dimethylaminonaphthalene-1-sulfonyl-calmodulin see dansyl calmodulin

5-dimethylaminonaphthalene-1-sulfonyl fluoride see dansyl fluoride

5-dimethylaminonaphthalene-1-sulfonylglutamyl-glycyl-arginine chloromethyl ketone see dansylglutamyl-glycyl-arginine chloromethyl ketone

5-dimethylaminonaphthalene-1-sulfonyl-Phe-Leu-Arg see dansyl-phenylalanyl-leucyl-arginine

1-dimethylaminonaphthalene-5-sulfonyl-D- tryptophan ethyl ester
(RN) 4982-85-8
(RR) 4867-83-8 ((L)-isomer)
(SY) DNS-D-TRPOET
(HM) TRYPTOPHAN/*analogs
(NO) RN given refers to (D)-isomer; RN for cpd without isomeric designation not in Chemline 7/84

N-(5-dimethylamino-1-naphthalenesulfonyl)-3-aminobenzeneboronic acid see N-dansyl-3-aminobenzeneboronic acid

1-(N-dimethyl)amino-7-naphthol
(RN) 55346-51-5
(SY) DMAN
(HM) *NAPHTHOLS
(PA) MUTAGENS
(PA) CARCINOGENS

(5-(dimethylamino-1-naphthoyl))adenosine diphosphate
(RN) 72947-52-5
(SY) DAN-ADP
(HM) ADENOSINE DIPHOSPHATE/*analogs
(NO) RN given from first source; RN not in Chemline 10/84

(5-(dimethylamino)-1-naphthoyl)adenosine monophosphate
(RN) 72947-53-6
(SY) DAN-AMP
(HM) ADENOSINE MONOPHOSPHATE/*analogs
(NO) RN given from first source; RN not in Chemline 10/84

5-(dimethylamino-1-naphthoyl)adenosine triphosphate
(RN) 72947-54-7
(SY) DAN-ATP
(HM) ADENOSINE TRIPHOSPHATE/*analogs
(NO) RN given from first source; RN not in Chemline 10/84

4-dimethylamino-5-nitro-N-2-methoxy-diethylaminoethylbenzamide see dimetpramid

4-dimethylaminophenol
(RN) 619-60-3
(RR) 5882-48-4 (HCl)
(RR) 6626-08-0 (oxalate[1:1])
(HM) *AMINOPHENOLS
(NO) RN given refers to parent cpd

3,7-dimethylaminophenoxazonium nitrate see capriblue GN

3,7-dimethylaminophenoxazonium see capriblue GN

6-(4-dimethylaminophenylazobenzothiazole) see N,N-dimethyl-4-(6-benzothiazolylazo)aniline

4-(4-dimethylaminophenylazo) beta-lactoside see lac dye

5-dimethylaminophenylazoindazole
(RN) 17309-86-3
(SY) 5I-DAB
(HM) DIMETHYLAMINOAZOBENZENE/*analogs
(PA) MUTAGENS
(NO) noncarcinogenic bacterial mutagen DAB analog; structure given in first source

(4-((4-(dimethylamino)phenyl)azo)phenyl) mercuric acetate
(RN) 19447-62-2
(SY) 4-DPAPM
(HM) *PHENYLMERCURIC ACETATE/analogs
(II) INDICATORS AND REAGENTS
(NO) used in modification of proteins

4-dimethylamino-2-phenyl-2-(1,2-benzisothiazol-3-yl)butyramide
(RN) 86004-83-3
(SY) PM2A
(HM) *THIAZOLES
(NO) RN given refers to mono-HCl; RN for parent cpd not in Chemline 8/84; structure given in first source

N,N-dimethylamino-3-phenyl-3-(1,2-benzisothiazol-3-yl)propylamine
(RN) 83796-68-3
(RR) 83796-69-4 (mono-HCl)
(SY) PM3B
(HM) *THIAZOLES
(NO) RN given refers to parent cpd; structure given in first source

2-(p-(dimethylamino)phenyl)-3,6- dimethylbenzothiazolium chloride see thioflavin T

dimethylaminophenyl phosphonate see phospho-jet

3-(4-(dimethylamino)phenyl)-2-propenal oxime see 4-(N,N-dimethylamino)cinnamaldoxime

dimethylaminopropionitrile
(RN) 1738-25-6
(HM) AMINOPROPIONITRILE/*analogs

2-(dimethylamino)propiophenone see metamfepramone

3-dimethylaminopropylamine
(RN) 109-55-7
(RR) 61507-92-4 (conjugate diacid)
(RR) 30734-81-7 (cpd with unspecified locants)
(SY) N,N-dimethyl-1,3-propanediamine
(SY) dimethylpropanediamine
(HM) *DIAMINES
(II) AIR POLLUTANTS, OCCUPATIONAL
(NO) RN given refers to parent cpd; structure

4-(3-dimethylaminopropylamino)-7-iodoquinoline see iomethin

10-(3-dimethylaminopropyl)-7-chlorobenzo(b)(1,8) naphthyrid-5-one see benzonaphthyridone

5-(3-(dimethylamino)propyl)-10,11-dihydro-5H-dibenz(b,f)azepine-3-carbonitrile see Ro 11-2465

5-(3-(dimethylamino)propyl)-10,11-dihydro-5H- dibenz (b,f)azepine 5-(3-N-oxide) see imipramine N-oxide

10-(3-(dimethylamino)propyl)-9,9-dimethylacridan tartrate see dimethacrine

10-(2-(dimethylamino)propyl)-N,N-dimethylphenothiazine-2-sulfonamide monomethane sulfonate see fonazine

N-(N'-(3-dimethylaminopropyl)-N''-ethylguanyl) amphotericin B see amphotericin B, N-(N'-(3-dimethylaminopropyl)-N''- ethylguanyl)-

3-N,N-dimethylaminopropylfarnesyl acetate
(SY) DAPFA
(HM) *SESQUITERPENES
(PA) ANTI-ULCER AGENTS
(NO) structure given in first source

1-(3-dimethylamino)propyl)-1-(p-fluorophenyl)-5-phthalancarbonitrile see citalopram

6-(3-dimethylamino-1-propylidene) benzofuro(2,3-e)-12H-benzo(b)oxepine fumarate see oxetorone

S-(3-N,N-dimethylamino)propyl)isothiourea see dimaprit

1-(3-(dimethylamino)propyl)-5-methyl-3- phenyl-1H-indazole see FS-32

10-(3-(dimethylamino)propyl)-2-nitrodibenz(b,f)(1,4)-oxazepin-11(10H)-one see sintamil

N-(3-(dimethylamino)propyl)oleamide
(RN) 109-28-4
(SY) Lexamine O-13
(SY) Tegamine 0-13
(SY) oleamidopropyl dimethylamine
(HM) *PROPYLAMINES
(NO) RN given refers to (Z)-isomer; RN for cpd without isomeric designation not in Chemline 3/85; structure given in first source

1-(3-dimethylaminopropyl)-1H-pyrrole-2,5- dione
(RN) 5135-54-6
(SY) DM-PAM
(HM) *MALEIMIDES
(II) ALKYLATING AGENTS

3-dimethylamino-psi-saccharin
(RN) 22716-43-4
(HM) SACCHARIN/*analogs
(NO) structure given in first source

dimethylaminopurine see N(6),N(6)-dimethyladenine

6-dimethylaminopurine riboside see N(6),N(6)-dimethyladenosine

4-dimethylaminopyridine
(RN) 1122-58-3
(HM) *AMINOPYRIDINES
(NO) catalyst for acetylation of hydroxy cpds; structure

4-dimethylaminostilbene
(RN) 1145-73-9
(RR) 14301-11-2 ((cis)-isomer)
(RR) 838-95-9 ((trans)-isomer)
(SY) trans-4-dimethylaminostilbene
(HM) *STILBENES
(PA) CARCINOGENS
(NO) RN given refers to cpd without isomeric designation; structure

trans-4-dimethylaminostilbene see 4-dimethylaminostilbene

4-(n-dimethylaminostyryl)-1-methylpyridinium p-toluenesulfonate see 4-(n-dimethylaminostyryl)-1-methylpyridinium

2-(p-(dimethylamino)styryl)-1-methylpyridinium see 2-(4-(dimethylamino)styryl)-1-methylpyridinium

2-(4-(dimethylamino)styryl)-1-methylpyridinium
(RN) 2156-29-8
(SY) 2-(p-(dimethylamino)styryl)-1-pyridinium methiodide
(SY) 2-(p-(dimethylamino)styryl)-1-methylpyridinium
(SY) DASPMI
(SY) 2-(para-(dimethylamino)styryl)-1-methylpyridinium
(HM) *PYRIDINIUM COMPOUNDS
(II) FLUORESCENT DYES
(NO) fluorescent probe refers to mitochondria in situ; RN given for methiodide; RN for parent cpd not in Chemline 8/4/83

4-(n-dimethylaminostyryl)-1-methylpyridinium
(SY) 4-DMAS-MP
(SY) 4-(n-dimethylaminostyryl)-1-methylpyridinium p-toluenesulfonate
(HM) *PYRIDINIUM COMPOUNDS
(II) FLUORESCENT DYES
(NO) fluorescent probe for living cells; structure in first source

2-(p-(dimethylamino)styryl)-1-pyridinium methiodide see 2-(4-(dimethylamino)styryl)-1-methylpyridinium

N-(dimethylamino)succinamic acid see daminozide

3-(dimethylamino)-1,2,3,4-tetrahydrocarbazole see cyclindole

4-dimethylamino-3-tolyl-N-methylcarbamate see aminocarb

4'-(dimethylamino)-2,2,2-tris(4-(dimethylamino)phenyl)acetophenone
(RN) 14500-16-4
(RR) 86669-23-0 (tri-HCl)
(SY) 4'-DTDPA
(HM) *ACETOPHENONES
(NO) active against Walker 256 tumors in rats & lymphosarcoma in mice; structure & RN given in first source; RN not in Chemline 12/5/83

dimethylamphetamine
(RN) 4075-96-1
(RR) 52691-87-9 ((R)-isomer)
(RR) 49681-82-5 ((+-)-isomer)
(RR) 17279-39-9 ((S)-isomer)
(RR) 1009-69-4 (HCl)
(RR) 33286-27-0 (HCl(+-)-isomer)
(RR) 36913-04-9 (HCl(S)-isomer)
(SY) dimephenopan
(SY) Metrotonin
(SY) Perneurin
(SY) N,N,alpha-trimethylphenethylamine
(SY) N,N-dimethylamphetamine
(HM) METHAMPHETAMINE/*analogs
(NO) RN given refers to parent cpd without isomeric designation; structure

N,N-dimethylamphetamine see dimethylamphetamine

4,4'-dimethylangelicin
(RN) 22975-76-4
(SY) 4,9-dimethylangelicin
(HM) *PSORALENS
(II) PSORIASIS/drug ther
(NO) structure given in first source

4',5-dimethylangelicin
(RN) 5762-92-5
(SY) 5,9-dimethylangelicin
(HM) *PSORALENS
(II) PSORIASIS/drug ther
(NO) structure given in first source

4,5'-dimethylangelicin
(RN) 4063-41-6
(HM) *PSORALENS

4,9-dimethylangelicin see 4,4'-dimethylangelicin

5,9-dimethylangelicin see 4',5-dimethylangelicin

N,N-dimethylaniline demethylase
(RN) EC 1.5.-
(HM) *OXIDOREDUCTASES, N-DEMETHYLATING

dimethylaniline monooxygenase (N-oxide forming)
(RN) EC 1.14.13.8
(RR) 37256-73-8 (CRN)
(SY) N,N-dimethylaniline N-oxidase
(SY) FAD-monooxygenase
(SY) flavin-containing monoxygenase
(HM) *OXYGENASES
(NO) mixed function amine oxidase

N,N-dimethylaniline
(RN) 121-69-7
(RR) 5882-44-0 (HCl)
(RR) 35462-54-5 (HI)
(RR) 58888-49-6 (sulfate[1:1])
(HM) *ANILINE COMPOUNDS
(NO) RN given refers to parent cpd; structure

N,N-dimethylaniline N-oxidase see dimethylaniline monooxygenase (N-oxide forming)

dimethylaniline N-oxide
(RN) 874-52-2
(RR) 5882-46-2 (HCl)
(HM) *ANILINE COMPOUNDS
(NO) RN given refers to parent cpd; structure

2-(2,6-dimethylanilino)-2-imidazoline see xylonidine

2-(4-(4-N,N-dimethylanilinyl)-1,3-butadienyl)-3-propyl-benzothiazolium iodide see 2-(4-(4-N,N-dimethylanilinyl)-1,3-butadienyl)-3-propyl-benzothiazolium

2-(4-(4-N,N-dimethylanilinyl)-1,3-butadienyl)-3-propyl-benzothiazolium
(SY) DABPB
(SY) 2-(4-(4-N,N-dimethylanilinyl)-1,3-butadienyl)-3-propyl-benzothiazolium iodide
(HM) *THIAZOLES
(NO) structure given in first source

10,10-dimethylarachidonic acid
(RN) 85924-32-9
(HM) *ARACHIDONIC ACIDS
(NO) stimulates activity of lipoxygenase from human intact polymorphonuclear leukocytes; RN given refers to (all-Z)-isomer; RN for cpd without isomeric designation not in Chemline 7/84; structure given in first source

7,7-dimethylarachidonic acid
(RN) 85924-31-8
(HM) *ARACHIDONIC ACIDS
(NO) stimulates activity of lipoxygenase from human intact polymorphonuclear leukocytes; RN given refers to (all-Z)-isomer; RN for cpd without isomeric designation not in Chemline 7/84; structure given in first source

N(G)-dimethylarginine see N,N-dimethylarginine

N(G),N(G)-dimethylarginine see N,N-dimethylarginine

N(G1),N(G1)-dimethylarginine see N,N-dimethylarginine

N(G1),N(G2)-dimethylarginine see N,N'-dimethylarginine

N,N'-dimethylarginine
(RN) 30344-00-4
(SY) N(G1),N(G2)-dimethylarginine
(SY) guanidino-N(1),N(2)-dimethylarginine
(HM) ARGININE/*analogs

N,N-dimethylarginine
(RN) 30315-93-6
(SY) N(G)-dimethylarginine
(SY) guanidino-N,N-dimethylarginine
(SY) N(G),N(G)-dimethylarginine
(SY) N(G1),N(G1)-dimethylarginine
(HM) ARGININE/*analogs

S-dimethylarsino-CoA see S-dimethylarsino-coenzyme A

S-dimethylarsino-coenzyme A
(RN) 88978-30-7
(SY) S-dimethylarsino-CoA
(SY) coenzyme A, S-dimethylarsino-
(HM) COENZYME A/*analogs
(PA) PHOSPHATE ACETYLTRANSFERASE/antag

dimethylarsinomercaptoethanol
(SY) DMAME
(HM) *ARSENICALS
(NO) structure given in first source

dimethylarsinopenicillamine
(SY) DMAPA
(HM) *ARSENICALS
(NO) structure given in first source

N(4),N(4)-dimethyl-5-azacytidine
(SY) NNDAZ
(HM) AZACYTIDINE/*analogs

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dimethylaziridine platinum(II)
(SY) DMDA-platinum
(HM) *ORGANOPLATINUM COMPOUNDS
(HM) *AZIRIDINES
(PA) ANTINEOPLASTIC AGENTS
(NO) structure given in first source

1,5-dimethylbarbituric acid
(RN) 7391-67-5
(HM) *BARBITURATES

N,N-dimethylbenzamide
(RN) 611-74-5
(HM) *BENZAMIDES

7,12-dimethylbenz(a)anthracene-dihydrodiol
(RN) 2518-00-5
(RR) 55125-18-3 ((trans)-isomer)
(RR) 55125-19-4 ((cis)-isomer)
(SY) 7,12-dimethylbenz(a)anthracene-cis-dihydrodiol
(HM) 9,10-DIMETHYL-1,2-BENZANTHRACENE/*analogs
(NO) RN given refers to cpd without isomeric designation

7,12-dimethylbenz(a)anthracene-cis-dihydrodiol see 7,12-dimethylbenz(a)anthracene-dihydrodiol

7,12-dimethylbenz(a)anthracene-1,2-dihydrodiol
(RN) 68984-91-8
(SY) trans-1,2-dihydro-1,2-dihydroxy-7,12-dimethylbenz(a)anthracene
(SY) 1,2-dihydrodiol-DMBA
(HM) 9,10-DIMETHYL-1,2-BENZANTHRACENE/*analogs
(NO) metabolite of DMBA

7,12-dimethylbenz(a)anthracene 5,6-epoxide see 7,12-dimethylbenz(a)anthracene 5,6-oxide

7,12-dimethylbenz(a)anthracene hydroxylase
(RN) EC 1.14.14.-
(SY) DMBA hydroxylase
(HM) *ARYL HYDROCARBON HYDROXYLASES

7,12-dimethylbenz(a)anthracene 5,6-oxide
(RN) 39834-38-3
(SY) 7,12-dimethylbenz(a)anthracene 5,6-epoxide
(HM) 9,10-DIMETHYL-1,2-BENZANTHRACENE/*analogs
(NO) structure

1,2-dimethylbenzene see 2-xylene

3,3'-dimethylbenzidine see 2-tolidine

5,6-dimethylbenzimidazole
(RN) 582-60-5
(RR) 2989-80-2 (HCl)
(HM) *BENZIMIDAZOLES
(NO) RN given refers to parent cpd

5,6-dimethylbenzo(a)phenazine see 5,6-dimethylbenz(a)phenazine

6,10-dimethylbenzo(a)pyrene
(RN) 82721-25-3
(SY) 6,10-dimethyl-BP
(HM) *BENZOPYRENES

2,3-dimethyl-p-benzoquinone see 2,3-dimethyl-2,5-cyclohexadiene-1,4 dione

2,3-dimethyl-4-benzoquinone see 2,3-dimethyl-2,5-cyclohexadiene-1,4 dione

2,5-dimethyl-p-benzoquinone see 2,5-dimethyl-4-benzoquinone

2,5-dimethyl-4-benzoquinone
(RN) 137-18-8
(RR) 30998-92-6 (cpd with unspecified locants)
(SY) 2,5-dimethylquinone
(SY) 2,5-dimethyl-p-benzoquinone
(HM) *QUINONES

N,N-dimethyl-p-(6-benzothiazolylazo)aniline see N,N-dimethyl-4-(6-benzothiazolylazo)aniline

N,N-dimethyl-p-(6-benzothiazolylazo)aniline see N,N-dimethyl-4-(6-benzothiazolylazo)aniline

N,N-dimethyl-4-(6-benzothiazolylazo) aniline
(RN) 18463-85-9
(SY) N,N-dimethyl-p-(6-benzothiazolylazo)aniline
(SY) 6BT
(SY) 6 BT
(SY) 6-BT
(SY) BT6
(SY) N,N-dimethyl-p-(6-benzothiazolylazo)aniline
(SY) 6-(4-dimethylaminophenylazobenzothiazole)
(HM) DIMETHYLAMINOAZOBENZENE/*analogs
(HM) *THIAZOLES
(PA) CARCINOGENS
(NO) do not confuse with 5-isomer (RN: 18463-90-6) also given this name in 9Cl; structure

5,6-dimethylbenz(a)phenazine
(SY) 5,6-dimethylbenzo(a)phenazine
(HM) *PHENAZINES
(PA) MUTAGENS

2,5-dimethyl-4-N-benzyldesmethylrifampicin see DMB-rifampicin

2',6'-dimethyl-N(4')-benzyl-N(4')(desmethylrifampicin) see DMB-rifampicin

4(5)-(2,6-dimethylbenzyl)imidazole see MPV 207

dimethyl-beta-carotene see 5,5-dimethyl-beta-carotene

5,5-dimethyl-beta-carotene
(RN) 54783-68-5
(SY) dimethyl-beta-carotene
(HM) CAROTENE/*analogs
(NO) internal std for HPLC beta-carotene analysis; structure given in first source

3,6-di-O-methyl-beta-glucopyranosyl-(1-4)-2,3-di-O-methyl-alpha-rhamnopyranose
(SY) DMGDMR
(HM) *DISACCHARIDES
(II) HAPTENS
(II) ANTIGENIC DETERMINANTS
(II) ANTIGENS, BACTERIAL
(NO) hapten determinant of phenolic glycolipid I from Mycobacterium leprae; coupled to bovine serum albumin for artificial antigen; structure given in first source

2,6-dimethyl-6-(3-O-(beta-glucopyranosyl)-4-O-(2-methylbutyroyl)alpha-arabinopyranosyloxy)-2,7-octadienoic acid
(SY) DMGPMBA
(HM) *TERPENES
(II) PLANTS, MEDICINAL
(NO) monoterpene glycoside from fruit of Gymnocladus chinensis Baillon; used in traditional Chinese medicine; structure given in first source

6,6-dimethyl-2-beta-lyxopyranosyl-4,5,6,7-tetrahydroindol-4-one
(SY) 6,6-DLTIO
(SY) 2-beta-D-lyxofuranosyl-6,6-dimethyl-4,5,6,7-tetrahydroindol-4-one
(HM) *NUCLEOSIDES
(NO) has antimitotic effect

dimethyl biacridinium dinitrate see 10,10'-dimethyl-9,9'-biacridinium

10,10'-dimethyl-9,9'-biacridinium
(RN) 2315-97-1
(SY) Lucigenin
(SY) dimethyl biacridinium dinitrate
(HM) *ACRIDINES
(NO) chemoluminescent probe; RN given refers to dinitrate; RN for parent cpd not in Chemline 7/26/83; Lucigenin refers to dinitrate

7,7-dimethylbicyclo(2.2.1)heptane-2,3-dione-1-methanesulfonic acid see camphorquinone-10-sulfonic acid

1,2-dimethyl-1,2-bis(3'-hydroxyphenyl)ethane see NSC 297169

(2S,2'S)N,N'-dimethyl-N,N'-bis(1-(3',4',5'-trimethoxybenzoyloxy)-butyl-2)-ethylenediamine dihydrochloride see craviten

6,10-dimethyl-BP see 6,10-dimethylbenzo(a)pyrene

3,7-dimethyl-4-bromomethyl-6-trimethylammoniomethyl-1,5-diazabicyclo(3.3.0)octa-3,6-diene-2,8-dione see bromotrimethylammoniobimane

N,N-dimethyl-2-bromophenylethylamine
(RN) 7438-76-8
(RR) 1199-19-5 (HBr)
(HM) *PHENETHYLAMINES
(NO) RN given refers to parent cpd

3,3-dimethylbutan-1-ol
(RN) 624-95-3
(SY) 3,3-dimethyl-1-butanol
(HM) *ALCOHOLS, HEXYL
(NO) structure

3,3-dimethyl-1-butanol see 3,3-dimethylbutan-1-ol

2,3-dimethyl-2-butene
(RN) 563-79-1
(RR) 27416-06-4 (cpd with unspecified butene locant)
(HM) *ALKENES
(NO) structure given in first source

1-(2-(1,3-dimethyl-2-butenylidene)hydrazino) phthalazine see budralazine

5-(1,3-dimethylbutyl)-5-barbituric acid
(RN) 78092-58-7
(RR) 84272-59-3 ((+-)-isomer)
(SY) 5-DMBB
(HM) *BARBITURATES
(NO) RN given refers to cpd without isomeric designation

3,3-dimethyl-2-butyl methylphosphonofluoridate
(RN) 660-21-9
(SY) 3,3-DBMPF
(HM) SOMAN/*analogs
(PA) CHOLINESTERASE INHIBITORS

N-dimethylbutyramide 4-chlorophenoxyisobutyrate see clofibride

26,27-dimethylcalcitriol see 1,25-dihydroxy-26,27-dimethylcholecalciferol

dimethylcarbamoyl chloride see dimethylcarbamyl chloride

N,N-dimethylcarbamoyl-4-(4-guanidinobenzyloxy)phenyl acetate methane sulfate
(RN) 88025-93-8
(SY) N,N-DGPM
(HM) *GUANIDINES
(PA) TRYPSIN INHIBITORS

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N,N-dimethylcarbamoylmethyl-6-(4-guanidinobenzoyloxy) phenylacetate) methanesulfonate see Foy-305

1-dimethylcarbamoyl-2,4,5-tribromoimidazole see 2,4,5-tribromoimidazole-1-dimethylcarbamic acid

dimethylcarbamyl chloride
(RN) 79-44-7
(SY) dimethylcarbamoyl chloride
(HM) *CARBAMATES
(PA) CARCINOGENS
(NO) searcher request; structure

9,9-dimethylcarbazine
(RN) 6267-02-3
(HM) *ACRIDINES
(PA) ANTITUBERCULAR AGENTS

2,8-dimethyl-2-(2'-carboxyethyl)-6-chromanol
(SY) DMCE-chromanol
(HM) VITAMIN E/*analogs
(NO) major tocopherol metabolite released by sulfatase; structure given in first source

7,8-dimethyl-10-(3-chlorobenzyl) isoalloxazine
(RN) 65424-64-8
(SY) 7,8-DCBI
(HM) *FLAVINS
(PA) ANTIHYPERTENSIVE AGENTS
(PA) MINERALOCORTICOIDS/antag

3,4-dimethyl-7-(4-(p-chlorobenzyl)piperazin-1-yl) propoxycoumarin.di-HCl see BM 15100

2,2-dimethyl-4-(chloromethyl)-1,3-dioxa-2-silacyclopentane
(RN) 73639-62-0
(SY) SOC organosilicone
(HM) *SILICON
(HM) *CYCLOPENTANES

O,O-dimethyl-S-(N-((2-chlorophenyl)butyramido)methyl) dithiophosphate see phosmethylan

1,2-dimethyl-3-p-chlorophenyldiaziridine see 1,2-dimethyl-3-(4-chlorophenyl)diaziridine

1,2-dimethyl-3-(4-chlorophenyl) diaziridine
(RN) 81262-06-8
(SY) DMPCPDA
(SY) 1,2-dimethyl-3-para-chlorophenyldiaziridine
(SY) 1,2-dimethyl-3-p-chlorophenyldiaziridine
(SY) 1,2-DCPA
(HM) *AZIRIDINES
(NO) structure given in first source

N,N-dimethyl-N-m-chlorophenylguanidine see N,N-dimethyl-N-(3-chlorophenyl)guanidine

N,N-dimethyl-N-3-chlorophenylguanidine see N,N-dimethyl-N-(3-chlorophenyl)guanidine

N,N-dimethyl-N-(3-chlorophenyl)-guanidine
(RN) 13636-32-3
(RR) 40900-28-5 (monopicrate)
(SY) N',N'-dimethyl-N-(3-chlorophenyl)guanidine
(SY) N,N-dimethyl-N-m-chlorophenylguanidine
(SY) N,N-dimethyl-N-3-chlorophenylguanidine
(HM) *GUANIDINES
(PA) HERBICIDES
(PA) FUNGICIDES, INDUSTRIAL
(NO) RN given refers to parent cpd

N',N'-dimethyl-N-(3-chlorophenyl)guanidine see N,N-dimethyl-N-(3-chlorophenyl)guanidine

3,6-dimethylcholanthrene
(RN) 85923-37-1
(SY) 3,6-DMC
(HM) METHYLCHOLANTHRENE/*analogs
(PA) CARCINOGENS

4,24-dimethyl-5-cholestan-3-ol
(SY) 4 alpha,24-dimethyl-5 alpha-cholestan-3 beta-ol
(SY) 4,24-DMCO
(HM) *CHOLESTANOLS

dimethylchondrocurarine see metocurine

5,12-dimethylchrysene
(RN) 14250-05-6
(RR) 41637-92-7 (cpd with unspecified locants)
(HM) *CHRYSENES
(NO) structure given in first source

5,6-dimethylchrysene
(RN) 3697-27-6
(HM) *CHRYSENES
(PA) CARCINOGENS
(NO) structure given in first source

dimethylcurarine dimethochloride see metocurine

dimethylcurine see metocurine

dimethyl di-curine dimethochloride see metocurine

dimethyl-L-curine dimethochloride see metocurine

dimethyl-L-curine dimethoiodide see metocurine

dimethylcyanamide
(RN) 1467-79-4
(HM) *CYANAMIDE/analogs
(NO) structure

dimethylcycleanine
(RN) 75846-14-9
(RR) 32434-19-8 (diiodide)
(RR) 82521-35-5 (dichloride)
(SY) dimethyl cycleanine bromide
(SY) cycleanine dimethobromide
(SY) dimethylcycleanine dibromide
(HM) *ALKALOIDS
(PA) ANTIHYPERTENSIVE AGENTS
(NO) isolated from Stephania epigeae Lu; RN given refers to dibromide; parent cpd not in Chemline 7/26/83

dimethyl cycleanine bromide see dimethylcycleanine

dimethylcycleanine dibromide see dimethylcycleanine

2,3-dimethyl-2,5-cyclohexadiene-1,4 dione
(RN) 526-86-3
(RR) 30998-92-6 (cpd with unspecified locants)
(SY) 2,3-dimethyl-p-benzoquinone
(SY) 2,3-dimethyl-4-benzoquinone
(HM) *QUINONES
(PA) MUTAGENS

5,5-dimethyl-1,3-cyclohexanedione bis (thiosemicarbazone) monohydrochloride see 5,5-dimethyl-1,3-cyclohexanedione bis (thiosemicarbazone)

5,5-dimethyl-1,3-cyclohexanedione bis (thiosemicarbazone)
(SY) DCHBTC
(SY) 5,5-dimethyl-1,3-cyclohexanedione bis (thiosemicarbazone) monohydrochloride
(HM) *THIOSEMICARBAZONES
(HM) *CYCLOHEXANONES

N,N-dimethylcyclohexylamine
(RN) 98-94-2
(RR) 2498-24-0 (HCl)
(RR) 81682-51-1 (sulfite[1:1])
(HM) *CYCLOHEXYLAMINES
(NO) RN given refers to parent cpd

5,5-dimethylcyclophosphamide
(RN) 22089-27-6
(HM) CYCLOPHOSPHAMIDE/*analogs
(NO) structure given in first source

dimethyl-L-cystine see cystine dimethyl ester

10,10-dimethyl-10-deazaaminopterin
(RN) 80576-88-1
(SY) 10,10-dimethyl-10-deaza-aminopterin
(HM) AMINOPTERIN/*analogs
(PA) FOLIC ACID ANTAGONISTS
(NO) structure given in first source

10,10-dimethyl-10-deaza-aminopterin see 10,10-dimethyl-10-deazaaminopterin

16,16-dimethyl-trans-delta(2)-PGE(1) methyl ester see 16,16-dimethyl-delta(2)-prostaglandin E1 methyl ester

16,16-dimethyl-trans-delta(2)-prostaglandin E(1) methyl ester see 16,16-dimethyl-delta(2)-prostaglandin E1 methyl ester

16,16-dimethyl-delta(2)-prostaglandin E1 methyl ester
(RN) 64318-79-2
(RR) 68372-89-4 ((2E,11alpha,13E,15R)-isomer)
(SY) 16,16-dimethyl-trans-delta(2)-PGE(1) methyl ester
(SY) 16,16-DMTDPGEME
(SY) ONO 802
(SY) ONO-802
(SY) 16,16-dimethyl-trans-delta(2)-prostaglandin E(1) methyl ester
(SY) PG802
(SY) gemeprost
(SY) Cervagem
(HM) ALPROSTADIL/*analogs
(PA) ABORTIFACIENT AGENTS, NON-STEROIDAL
(II) PROSTAGLANDINS E, SYNTHETIC
(NO) used for preoperative dilation of cervix before surgical abortion; RN given refers to (2E,11alpha,13E,15R)-isomer; RN for cpd without isomeric designation not in Chemline 7/6/83

16,16-dimethyl-delta2-prostaglandin E1
(RN) 64318-77-0
(SY) 16,16-DM-PGE1
(SY) PG ONO 802
(HM) ALPROSTADIL/*analogs
(PA) MENSTRUATION INDUCING AGENTS
(II) PROSTAGLANDINS E, SYNTHETIC
(NO) RN given refers to (2E,11alpha,13E,15R)-isomer; RN for cpd without isomeric designation not in Chemline 7/29/83

10,10-dimethyl-11-deoxy-6-keto-PGE1 see NP 01A

10,10-dimethyl-11-deoxy-6-keto-prostaglandin E1 see NP 01A

N,N-dimethyldeoxynojirimycin
(SY) N,N-DMDN
(HM) GLUCOSAMINE/*analogs

10,10-dimethyl-11-deoxy-7-thia-16,16-dimethyl-PGE1 see NP 07 A

10,10-dimethyl-11-deoxy-7-thia-16,16-dimethylprostaglandin E1 see NP 07 A

10,10-dimethyl-11-deoxy-7-thia-16-meta-chlorophenoxy-17,18,19,20-tetranor-prostaglandin E1 see NP 13 A

3,3'-dimethyl-N,N'-diacetylbenzidine
(RN) 3546-11-0
(HM) *BENZIDINES
(PA) MUTAGENS
(NO) urinary metabolite of ortho-toluidine

3,3'-dimethyl-4,4' diaminodiphenylmethane see 4,4'-methylene bis(2-methylaniline)

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dimethyl-3,8-diaza-4,7-dioxo-5,6-dihydroxydecanbis(imidate)
(RN) 80186-82-9
(RR) 59893-64-0 ((R-(R*,R*))-isomer)
(SY) DDDDB
(SY) dimethyl-4,7-dioxo-5,6-dihydroxy-3,8-diazadecanbis(imidate)
(SY) DDDDI
(HM) *IMIDOESTERS
(II) CROSS-LINKING REAGENTS
(NO) RN given refers to cpd without isomeric designation

7,14-dimethyldibenz(a,h)anthracene
(RN) 35335-07-0
(SY) 7,14-dimethyldibenzo(a,h)anthracene
(SY) 7,14-DMDBA
(HM) *BENZANTHRACENES
(PA) CARCINOGENS

7,14-dimethyldibenzo(a,h)anthracene see 7,14-dimethyldibenz(a,h)anthracene

5,9-dimethyldibenzo(c,g)carbazole
(RN) 38193-04-8
(SY) 5,9-diMe-DBC
(HM) *CARBAZOLES
(PA) CARCINOGENS
(NO) structure given in first source

N,N-dimethyl-N',N'-dibenzylammonium chloride see dibenzyldimethylammonium

N,N-dimethyl-N',N'-dibenzylethylenediamine
(RN) 68156-59-2
(RR) 59262-56-5 (HCl)
(HM) *ETHYLENEDIAMINES
(NO) RN given refers to parent cpd

2,6-dimethyl-3,5-dicarbethoxy-1,4-dihydropyridine see etidin

2,6-dimethyl-3,5-dicarbethoxy-4-(trifluoromethylphenyl)-1,4-dihydropyridine see SK&F 24260

2,6-dimethyl-3,5-dicarbomethoxy-4-(2-isothiocyano)phenyl-1,4-dihydropyridine
(RN) 86880-83-3
(SY) 2,6-DDICPP
(HM) NIFEDIPINE/*analogs
(NO) specifically labels the plasma membrane in guinea pig ileal smooth muscle; RN given is from Toxline for the 3H-labeled cpd; RN not in Chemline 7/85

2,6-dimethyl-3,5-dicarbomethoxy-4-(3-nitrophenyl)-1,4-dihydropyridine see 1,4-dihydro-2,6-dimethyl-4-(3-nitrophenyl)-3,5-pyridinedicarboxylic acid dimethyl ester

O,O-dimethyl O-(1-(2,4-dichlorophenyl)-2-bromovinyl) phosphate see methylbromfenvinphos

dimethyldichlorosilane see dichlorodimethylsilane

N,N-dimethyl-3-(9,10-dihydro-10,10-dimethylanthracen-9-ylidene)propylamine see melitracene

N,N-dimethyl-N'-(2-(diisopropylamino)ethyl)-N'-(4,6-dimethyl-2-pyridyl)urea see N-(2-diisopropylaminoethyl)-N-(4,6-dimethyl-2-pyridyl)-N',N'-dimethylurea

N-dimethyl-3,4-dimethoxy beta-hydroxy beta-phenethylamine see macromerine

dimethyl4,4'-dimethoxy-5,6,5',6'-dimethylenedioxybiphenyl-2,2'-dicarboxylate see 7,7'-dimethoxy-(4,4'-bi-1,3-benzodioxole)-5,5'-dicarboxylic acid dimethyl ester

2,2-dimethyl-3-(2,2-dimethylcyclopropyl) cyclopropanecarboxylic acid, ester with N-(hydroxymethyl)-1-cyclohexene-1,2-dicarboximide see methanotetramethrin

O,O-dimethyl O-p-(dimethylsulfamoyl) phenylphosphorothioate see famophos

2,6-dimethyldinitrosopiperazine
(RN) 55380-34-2
(SY) 1,4-dinitroso-2,6-dimethylpiperazine
(HM) *NITROSAMINES
(PA) CARCINOGENS

dimethyldioctadecylammonium
(RN) 14357-21-2
(RR) 107-64-2 (chloride)
(RR) 3700-67-2 (bromide)
(RR) 3843-16-1 (methyl sulfate)
(SY) dimethyl-dioctadecyl-ammonium bromide
(SY) DDODAB
(SY) DODAC
(SY) dioctadecyldimethylammonium chloride
(SY) dimethyldioctadecylammonium bromide
(HM) *AMMONIUM COMPOUNDS
(II) ADJUVANTS, IMMUNOLOGIC
(II) SURFACE-ACTIVE AGENTS
(NO) RN given refers to parent cpd

dimethyldioctadecylammonium bromide see dimethyldioctadecylammonium

dimethyl-dioctadecyl-ammonium bromide see dimethyldioctadecylammonium

dimethyl-4,7-dioxo-5,6-dihydroxy-3,8-diazadecanbis (imidate) see dimethyl-3,8-diaza-4,7-dioxo-5,6-dihydroxydecanbis (imidate)

dimethyl-di-(N-phenylaminophenoxy)-silane
(RN) 1532[illegible]-29-8
(SY) S 1 antioxidant
(HM) *SILANES
(II) ANTIOXIDANTS
(NO) structure given in first source

dimethyldiphenylenedisulfide see mesulfen

1,5-dimethyl-3,3-diphenyl-2-ethylidenepyrrolidine see 2-ethylidene-1,5-dimethyl-3,3-diphenylpyrrolidine

4,4'-dimethyldiphenyliodonium
(RN) 6293-68-1
(RR) 19028-28-5 (chloride)
(RR) 6293-70-5 (iodide)
(RR) 14554-95-1 (sulfate[1:1])
(HM) *IODOBENZENES
(NO) deaminase inhibitor; RN given refers to bromide; RN for parent cpd not in Chemline 7/26/83

dimethyldipropylenetriamine
(RN) 10563-29-8
(SY) DMDPT
(HM) *PROPYLAMINES
(NO) structure given in first source

dimethyldiselenide
(RN) 7101-31-7
(HM) *SELENIUM
(NO) volatile selenium metabolite

dimethyldisulfide see dimethyl disulfide

dimethyl disulfide
(RN) 624-92-0
(SY) methyl disulfide
(SY) dimethyldisulfide
(HM) *DISULFIDES
(II) ODORS
(NO) structure

dimethyl dithiobispropionimidate
(RN) 59012-54-3
(RR) 38285-78-8 (di-HCl)
(SY) dimethyl 3,3'-dithiobispropionimidate
(SY) dimethyl 3,3'-dithiobis(propionimidate)
(SY) dimethyl-3,3'-dithiobispropionimidate
(HM) *IMIDOESTERS
(II) CROSS-LINKING REAGENTS
(NO) bifunctional reagent with disulfide group; cross-links membrane proteins & hemoglobin in erythrocytes; RN given refers to parent cpd; structure

dimethyl 3,3'-dithiobis(propionimidate) see dimethyl dithiobispropionimidate

dimethyl-3,3'-dithiobispropionimidate see dimethyl dithiobispropionimidate

dimethyl 3,3'-dithiobispropionimidate see dimethyl dithiobispropionimidate

5-dimethyldithiocarbamylpicolinic acid see YP-279

O,O-dimethyldithiophosphate see O,O-dimethyl phosphorodithioate

N,N-dimethyldodecanamine see N,N-dimethyl-1-dodecanamine

N,N-dimethyl-1-dodecanamine
(RN) 112-18-5
(RR) 71799-88-7 (HF)
(RR) 19959-22-9 (HBr)
(RR) 2016-48-0 (HCl)
(RR) 1920-05-4 (acetate)
(SY) NNDD
(SY) N,N-dimethyldodecanamine
(HM) *AMINES
(NO) increases body weight & feed efficiency in animals; RN given refers to parent cpd

N,N-dimethyldodecylamine N-oxide see dodecyldimethylamine oxide

dimethyldodecylbenzylammonium
(RN) 10328-35-5
(RR) 57213-60-2 (maleate[2:1])
(RR) 7281-04-1 (bromide)
(RR) 139-07-1 (chloride)
(RR) 71288-45-4 (nitrate)
(SY) benzododecinium
(SY) Sterinol
(SY) benzyldodecyldimethylammonium chloride
(SY) dodecyldimethylbenzylammonium chloride
(SY) Ajatin
(HM) *BENZALKONIUM COMPOUNDS
(PA) ANTISEPTICS
(II) DISINFECTANTS
(NO) RN given refers to parent cpd

N,N-dimethyldopamine
(RN) 21581-37-3
(RR) 50309-53-0 (HBr)
(RR) 13075-91-7 (HCl)
(SY) N,N-DMDA
(HM) DOPAMINE/*analogs
(NO) RN given refers to parent cpd

di(methylene diallylamine)fluorescein diacetate
(RN) 85713-99-1
(SY) DMDA-fluorescein
(HM) *FLUORESCEINS
(II) FLUORESCENT DYES
(NO) structure given in first source

N,N-dimethylepinephrine
(RN) 38522-73-5
(HM) EPINEPHRINE/*analogs
(NO) quaternary analog of epinephrine; RN given refers to iodide; RN for parent cpd not in Chemline 8/2/83; structure given in first source

6,8-dimethylergoline see costaclavin

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6,6-dimethyl-2-erythrofuranosyl-4,5,6,7-tetrahydroindol-4-one
(SY) EDTO
(HM) *NUCLEOSIDES
(NO) inhibits proliferation of T-lymphocytes

6,11-di-O-methylerythromycin A
(HM) ERYTHROMYCIN/*analogs
(NO) structure given in first source

dimethyl ether
(RN) 115-10-6
(HM) *METHYL ETHERS

N,N-dimethyl-2-ethylhexyl-4-aminobenzoate
(SY) DMEH-PABA
(HM) *P-AMINOBENZOIC ACID/analogs
(II) SUNSCREENING AGENTS

2-(3-(1,1-dimethylethyl)-5-methoxyphenyloxazolo(4,5-b)pyridine
(SY) DMPOP
(HM) *PYRIDINES
(PA) ANTI-INFLAMMATORY AGENTS, TOPICAL
(NO) structure given in first source

2,6-dimethyl-3-ethyl-4,4a,5,6,7,8,8a,9-octahydro-4a,8a-1H-pyrrolo(2,3g)isoquinolin-4-one see Ro 22-1319

6-(2-(4-(1,1-dimethylethyl)phenyl)ethyl)tetrahydro-4-hydroxy-2H-pyran-2-one see SC 33459

O,O-dimethyl S-ethyl phosphorothioate
(RN) 6389-81-7
(SY) OOS-Et
(HM) *THIOPHOSPHORIC ACID ESTERS
(NO) structure given in first source

2,4-dimethyl-3-ethylpyrrole see kryptopyrrole

O,O-dimethyl S-(2-(ethylsulfinyl)ethyl) phosphorothioate see metasystox-R

N,N-dimethyl-O-ethylthiocarbamate platinum(II)
(SY) DMTC-Cl-Pt
(SY) platinum-DMTC-chloride
(HM) *ORGANOPHOSPHORUS COMPOUNDS
(HM) *THIOCARBAMATES

4',5'-dimethylfluorescein isothiocyanate
(RN) 92457-52-8
(SY) DMFTIC
(HM) *FLUORESCEINS
(HM) *THIOCYANATES
(II) FLUORESCENT DYES

N,N-dimethylformamide dineopentyl acetal
(SY) N,N-DMFDNPA
(HM) *ACETALS
(NO) used for preparation of Fmoc-aminoacyloxybenzyl handles; avoids formation of dimers & racemization; structure given in first source

2,5-dimethylfuran
(RN) 625-86-5
(RR) 28802-49-5 (cpd with unspecified locants)
(HM) *FURANS
(NO) metabolite of n-hexane

N,N-dimethyl-O-glucopyranuronosyl-5-hydroxytryptamine
(RN) 17598-73-1
(SY) DMGUHT
(HM) BUFOTENIN/*analogs
(NO) RN given refers to D-isomer; RN for cpd without isomeric designation not in Chemline 12/84; structure given in first source

dimethyl glutamate see glutamic acid dimethyl ester

dimethylglycine
(RN) 1118-68-9
(RR) 17647-86-8 (mono-K salt)
(RR) 2491-06-7 (mono-HCl)
(RR) 18319-88-5 (Na salt)
(RR) 70572-30-4 (Ca salt)
(HM) METHYLGLYCINE/*analogs
(PA) MUTAGENS
(II) EPILEPSY/drug ther
(NO) mutagen when mixed with nitrite; RN given refers to parent cpd

dimethylglycine dehydrogenase
(RN) EC 1.5.99.2
(HM) *OXIDOREDUCTASES, N-DEMETHYLATING

dimethylglyoxime
(RN) 95-45-4
(RR) 30866-95-6 (Na salt)
(RR) 60908-54-5 (di-Na salt)
(HM) *OXIMES
(NO) RN given refers to parent cpd

N,N-dimethylguanidine
(RN) 6145-42-2
(RR) 22583-29-5 (mono-HCl)
(RR) 1186-46-5 (unspecified sulfate)
(RR) 598-65-2 (sulfate[2:1])
(RR) 311-77-3 (sulfate[1:])
(SY) 1,1-dimethylguanidine
(HM) *METHYLGUANIDINE/analogs
(NO) RN given refers to parent cpd; structure given in first source

1,1-dimethylguanidine see N,N-dimethylguanidine

1,7-dimethylguanosine
(RN) 26624-46-4
(HM) GUANOSINE/*analogs

N(2),N(2)-dimethylguanosine
(RN) 2140-67-2
(HM) GUANOSINE/*analogs
(NO) elevated levels in urine of cancer patients

2,6-dimethylhept-5-en-1-al
(RN) 106-72-9
(SY) 2,6-DMH
(HM) *ALDEHYDES
(II) FLAVORING AGENTS
(II) PERFUME
(II) FOOD ADDITIVES

7-(1,2-dimethylheptyl)-2,2-dimethyl-4-(4-pyridinyl)-2H-1-benzopyran-5-ol see BRL-4664

3-(4-(1,1-dimethylheptyl)-2-hydroxyphenyl)cyclohexanol see CP 47,497

dimethylheptylpyran (cannabinol analog) see 3-(1,2-dimethylheptyl)-7,8,9,10-tetrahydro-6,6,9-trimethyl-6H-dibenzo(b,d)pyran-1-ol

1',2'-dimethylheptyl tetrahyadrocannabinol see dimethyl-heptyl tetrahydrocannabinol

dimethyl-heptyl tetrahydrocannabinol
(RN) 24359-49-7
(SY) 1',2'-dimethylheptyl tetrahyadrocannabinol
(SY) THC-DMH
(SY) delta(8)-THC-DMH
(SY) DMH-delta(6)-THC
(HM) TETRAHYDROCANNABINOL/*analogs
(NO) structure given in first source

3-(1,2-dimethylheptyl)-7,8,9,10-tetrahydro-6,6,9-trimethyl-6H-dibenzo(b,d)pyran-1-ol
(RN) 32904-22-6
(SY) dimethylheptylpyran (cannabinol analog)
(HM) TETRAHYDROCANNABINOL/*analogs
(NO) synthetic surrogate of tetrahydrocannabinol; structure

3,4-dimethyl-2,5-hexanedione
(RN) 25234-79-1
(HM) *HEXANONES

di-(5-methylhexyl)phthalate
(RN) 41451-28-9
(SY) D-5-MHP
(HM) *PHTHALIC ACIDS
(NO) diheptyl phthalate metabolite in rats

5,5-dimethylhydantoin
(RN) 77-71-4
(RR) 54807-34-0 (Na salt)
(HM) *HYDANTOINS
(II) WATER POLLUTANTS, CHEMICAL
(NO) RN given refers to parent cpd

1,2-dimethylhydrazine
(RN) 540-73-8
(RR) 58764-89-9 (di-HI)
(RR) 306-37-6 (di-HCl)
(RR) 73664-86-5 (mono-HCl)
(HM) *DIMETHYLHYDRAZINES
(PA) CARCINOGENS
(PA) MUTAGENS
(NO) RN given refers to parent cpd

3',5'-dimethyl-4'-hydroxyacetanilide see 3',5'-dimethylacetaminophen

1,4-dimethyl-10-hydroxy-2,3,4,5,6,7-hexahydro-1,6-methano-1H-4-benzazocine see eptazocine

l-1,4-dimethyl-10-hydroxy-2,3,4,5,6,7-hexahydro-1,6-methano-1H-4-benzazonine hydrobromide see ST-2121

6-(1,5-dimethyl-1-hydroxyhex-4-enyl)-3-methylcyclohex-2-enone see hernandulcin

dimethyl-6-hydroxy-4'-methoxy-5,6,5',6'-dimethylenedioxybiphenyl-2,2'-dicarboxylate see 7-hydroxy-7'-methoxy-4,4'-bis(1,3-benzodioxole)-5,5'-dicarboxylic acid dimethyl ester

5,9-dimethyl-2'-hydroxy-2-(3-methoxypropyl)-6,7-benzomorphan see MRZ 2549

dimethyl(2-hydroxy-5-nitrobenzyl)sulfonium bromide see dimethyl(2-hydroxy-5-nitrobenzyl)sulfonium

dimethyl(2-hydroxy-5-nitrobenzyl) sulfonium
(RN) 28611-73-6
(RR) 28611-72-5 (chloride)
(SY) dimethyl(2-hydroxy-5-nitrobenzyl)sulfonium bromide
(HM) *SULFONIUM COMPOUNDS
(II) INDICATORS AND REAGENTS
(NO) RN given refers to bromide; RN for parent cpd not in Chemline 7/26/83

1,5-dimethyl-2-hydroxy-4-oxo-6-(2'-hydroxy-6'-methylocta-5',7'-dien-8'-yl)-5-cyclohexene-1- carboxylic acid methyl ester see methyl trisporate E

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2,9-dimethyl-5-(3-hydroxyphenyl)morphan
(RN) 88550-29-2
(RR) 88550-30-5 ((+)-isomer)
(RR) 88550-31-6 (HCl(+)-isomer)
(RR) 88550-32-7 ((-)-isomer)
(RR) 88550-33-8 (HCl(-)-isomer)
(SY) 2,9-DHPM
(HM) *MORPHINANS
(PA) ANALGESICS
(NO) RN given refers to cpd without isomeric designation; RN & structure given in first source; RN not in Chemline 5/84

1,2-dimethyl-3-hydroxypyrid-4-one
(SY) DMOHPO
(HM) *PYRIDONES
(II) IRON CHELATES

5,9-dimethyl-2'-hydroxy-2-tetrahydrofurfuryl-6,7-benzomorphan see MR 2034

N,N-dimethyl-1-isopropylamino-3-(1-naphthyloxy)propan-2-ol see pranolium

1,6-dimethyl-4-isopropyl-5,8-naphthoquinone see stahlianthusone

3,5-dimethyl-3'-isopropyl-L-thyronine
(RN) 26384-44-1
(RR) 26384-20-3 ((DL)-isomer)
(SY) DIMIT
(HM) *THYRONINES
(NO) RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 7/27/83

2,5-dimethylisosorbide
(RN) 5306-85-4
(SY) 2,5-O-dimethylisosorbide
(HM) ISOSORBIDE/*analogs
(II) SOLVENTS

2,5-O-dimethylisosorbide see 2,5-dimethylisosorbide

3,5-dimethylisoxazol-4-yl-(4-isopropylphenyl)-(4-methylpiperazin-1-yl)methane see M&B 31426

dimethylmaleate hydratase
(RN) EC 4.2.1.-
(SY) 2,3-dimethylmaleate hydrolyase
(HM) *HYDRO-LYASES

2,3-dimethylmaleate hydrolyase see dimethylmaleate hydratase

2,3-dimethylmaleic anhydride
(RN) 766-39-2
(SY) 2,3-dimethyl maleic anhydride
(HM) *MALEIC ANHYDRIDES

2,3-dimethyl maleic anhydride see 2,3-dimethylmaleic anhydride

dimethyl malonate see methyl malonate

dimethylmalondiimidate see dimethylmalonimidate

dimethylmalonimidate
(RN) 51534-05-5
(SY) dimethylmalondiimidate
(HM) *IMIDOESTERS
(II) INDICATORS AND REAGENTS

N,N-dimethyl-meta-phenylenediamine see N,N-dimethyl-3-phenylenediamine

9,11-dimethylmethano-11,12-methano-13,14-dihydro-13-aza-15-tribromothromboxane A2 see ONO 11119

9,11-dimethylmethano-11,12-methano-16-(4-ethylphenylthio)-13,14-dihydro-13-aza-15-tetranorthromboxane A2 see ONO 11105

9,10-dimethylmethano-11,12-methano-16-(4-methoxyphenyl)-13,14-dihydro-13-aza-15- tetranorthromboxane A2
(SY) PTA-OM
(HM) THROMBOXANE A2/*analogs
(PA) THROMBOXANE A2/antag
(NO) structure given in first source

9,11-dimethylmethano-11,12-methano-16-phenyl-13,14-dihydro-13-aza-15-tetranorthromboxane A2 see ONO 11120

dimethyl((2-(methoxyacetyl)amino-4-(phenylthio)phenyl (carbonimidoyl)bis(carbamate) see febantel

1,4-dimethyl-6-methoxycarbazole
(SY) 6-methoxy-1,4-dimethylcarbazole
(HM) *CARBAZOLES
(NO) structure given in first source

N-5-dimethyl-9-((2-methoxy-4-methylsulfonylamino) phenylamino)-4-acridinecarboxamide see CI 921

1-(2,3-dimethyl-4-methoxyphenyl)-2-methyl-3-(1-pyrrolidinyl)-1-propanone HCl see AD 2239

O,O-dimethyl S-(2-methoxy-1,3,4-thiadiazole-5)-(4H)-onyl-(4)-methylphosphorodithioate see methidathion

3,3-dimethyl-1-(3-methylaminopropyl)-1-phenylindan see prindamine

N',N'-dimethyl-N-((methylcarbamoyl)oxy)-1-thiooxamimidate see oxamyl

1,9-dimethylmethylene blue
(RN) 23481-50-7
(HM) METHYLENE BLUE/*analogs
(NO) RN given refers to chloride; RN for parent cpd not in Chemline 7/84

N,N-dimethyl-N'-(6-methyl-ergoline-8a-yl)-sulfamide hydrochloride see CH 29-717

dimethyl methylphosphonate
(RN) 756-79-6
(HM) *ORGANOPHOSPHORUS COMPOUNDS

2,2-dimethyl-3-(2-methylpropenyl) cyclopropanecarboxylic acid, ester with N- (hydroxymethyl)-1-cyclo hexene 1,2-dicarboximide see tetramethrin

2,3-dimethyl methylquinolinate see methylquinolinic acid, 2,3-dimethyl ester

3,3-dimethyl-1-(methylthio)-2-butanone O-(methylamino) carbonyl)oxime see thiofanox

3,3-dimethyl-1-(methylthio)-2-butanone O-(methylcarbamoyl)oxime see thiofanox

2,6-dimethylmorpholine
(RN) 141-91-3
(RR) 6485-55-8 ((cis)-isomer)
(HM) *MORPHOLINES
(NO) RN given refers to cpd without isomeric designation

dimethylmyleran
(RN) 55-93-6
(RR) 33447-91-5 ((+-)-isomer)
(RR) 33447-90-4 ((meso)-isomer)
(SY) NSC 23890
(HM) BUSULFAN/*analogs
(NO) RN given refers to cpd without isomeric designation

2,6-dimethylnaphthalene
(RN) 581-42-0
(RR) 34534-60-6 (ion(1-))
(RR) 34532-26-8 (picrate salt)
(HM) *NAPHTHALENES
(NO) RN given refers to parent cpd

2,3-dimethyl-1,4-naphthoquinone
(RN) 2197-57-1
(HM) *NAPHTHOQUINONES
(PA) ANTINEOPLASTIC AGENTS
(NO) structure given in first source

N,N-dimethyl-1-naphthylamine hydrochloride see N,N-dimethyl-1-naphthylamine

N,N-dimethyl-1-naphthylamine
(RN) 86-56-6
(RR) 28109-57-1 (cpd with unspecified locants)
(RR) 81541-04-0 (di-HCl)
(SY) N,N-dimethyl-1-naphthylamine hydrochloride
(HM) *1-NAPHTHYLAMINE/analogs
(II) INDICATORS AND REAGENTS
(NO) used for determination of nitrites; RN given refers to parent cpd

dimethylnitramine
(RN) 4164-28-7
(SY) N-nitrodimethylamine
(HM) *DIMETHYLAMINES
(PA) CARCINOGENS

5,6-dimethyl-2-nitroindane-1,3-dione Na salt see nivimedone

(2,6-dimethyl-4-(3-nitrophenyl)-1,4-dihydropyridine-3,5-dicarboxylic acid 3-(2-(N-benzyl-N-methylamino)) ethyl ester 5-methyl ester.HCl see nicardipine

dimethyl p-nitrophenyl phosphate see methylparaoxon

dimethylnitrosamine-O-acetate see methyl(acetoxymethyl)nitrosamine

dimethylnitrosamine N-demethylase
(RN) EC 1.5.99.-
(SY) DMN-demethylase I
(SY) DMN-demethylase II
(SY) nitrosodimethylamine demethylase
(SY) NDMA demethylase
(HM) *OXIDOREDUCTASES, N-DEMETHYLATING
(NO) also acts on N-nitroso-N-methylethylamine, N-nitroso-N-methylbenzylamine, N-nitroso-N-methylaniline & N-nitroso-N-methylbutylamine

3,2'-dimethyl-4-nitrosobiphenyl
(RN) 70786-64-0
(SY) DMNOBP
(HM) *NITROSO COMPOUNDS
(PA) CARCINOGENS

dimethylnitrosomorpholine see N-nitroso-2,6-dimethylmorpholine

N,N'-dimethylnitrosourea
(RN) 13256-32-1
(SY) nitrosodimethylurea
(SY) dimetinur
(SY) 1,3-dimethyl-1-nitrosourea
(HM) *NITROSOUREA COMPOUNDS

1,3-dimethyl-1-nitrosourea see N,N'-dimethylnitrosourea

5,5-dimethyl-3-(4-nitro-3-(trifluoromethyl)phenyl)- 2,4-imidazolidinedione see RU 23908

17,17-dimethyl-19-nortestosterone see mibolerone

7,11-dimethyloctadecane
(RN) 65431-89-2
(RR) 54111-99-8 (cpd with unspecified locants)
(HM) *ALKANES
(II) SEX ATTRACTANTS

dimethyloctadecylbenzylammonium chloride see N,N-dimethyl-N-octadecylbenzylammonium

N,N-dimethyl-N-octadecylbenzylammonium
(RN) 37612-69-4
(RR) 122-19-0 (chloride)
(RR) 22546-65-2 (bromide)
(SY) dimethyloctadecylbenzylammonium chloride
(HM) *BENZALKONIUM COMPOUNDS
(II) WATER POLLUTANTS, CHEMICAL
(NO) RN given refers to parent cpd

dimethyl 5,5',6,6',7,7',10a,10a'-octahydro-1,1',5,5',8,8'-hexahydroxy-6,6'-dimethyl-9,9'-dioxo-2,2'-bixanthen-10a,10a'-dicarboxylate see secalonic acid

2,6-dimethyloctanedioic acid
(RN) 3269-74-7
(SY) 2,6-DMOA
(HM) *DICARBOXYLIC ACIDS
(NO) metabolite of phytanic acid; found in patients suffering from Refsum's disease

dimethyloldihydroxyethyleneurea see dimethylol dihydroxyethyleneurea

dimethylol dihydroxyethyleneurea
(RN) 1854-26-8
(SY) DMDHEU
(SY) dimethyloldihydroxyethyleneurea
(HM) *IMIDAZOLES
(NO) used in cotton or cotton-polyester blend fabric

5-(4',4'-dimethyloxazolidine-N-oxyl)stearic acid see 5-doxylstearic acid

4,4-dimethyl-1,3-oxazolidine see oxadine A

5,5-dimethyl-11-oxo-5H,11H-(2)-benzopyrano(4,3-g)(1)benzopyran-9-carboxylic acid ethanolamine salt see PR-D-92

4-(4,4-dimethyl-3-oxopentyl)-1,2-diphenyl-3,5-pyrazolidinedione see tribuzone

17,20-dimethyl-6-oxo-PGE1 Me ester see 17,20-dimethyl-6-oxo-prostaglandin E1 methyl ester

3,3-dimethyl-7-oxo-6-(2-phenoxypropionamido)-4-thia-1-azabicyclo(3.2.0)heptane-2-carboxylate see phenethicillin

17,20-dimethyl-6-oxo-prostaglandin E1 methyl ester
(RN) 85679-51-2
(RR) 70667-26-4 ((11alpha,13E,15S,17S)-isomer)
(SY) 17,20-dimethyl-6-oxo-PGE1 Me ester
(HM) ALPROSTADIL/*analogs
(II) PROSTAGLANDINS E, SYNTHETIC
(NO) RN given refers to (11alpha,13E,15R,17S)-isomer; RN for cpd without isomeric designation not in Chemline 5/85

3,3-dimethyl-7-oxo-4-thia-1-azabicyclo(3.2.0)heptane-2-carboxylic acid, 4,4-dioxide, (2S-(2 alpha,5 alpha)) see sulbactam

2,6-dimethyl-3-oxypyridine
(RN) 1122-43-6
(RR) 71595-24-9 (HCl)
(RR) 51025-25-3 (unspecified locants)
(SY) 2,6-dimethyl pyridinol
(HM) *PYRIDONES
(NO) RN given refers to parent cpd

1,2-dimethyl-3-para-chlorophenyldiaziridine see 1,2-dimethyl-3-(4-chlorophenyl)diaziridine

N,N-dimethyl-para-phenylenediamine see dimethyl-4-phenylenediamine

dimethyl-para-toluidine see dimethyl-4-toluidine

2,2-dimethylpenam sulfone
(HM) *LACTAMS
(PA) BETA-LACTAMASES/antag
(NO) structure given in first source

dimethyl-PGE2-PBASE see 16,16-dimethyprostaglandin E2 4-benzaldehyde semicarbazone ester

17,17-dimethyl PGE2 see 17,17-dimethylprostaglandin E2

16,16-dimethyl-PGF2alpha see 16,16-dimethylprostaglandin F2alpha

16,16-dimethyl PGF2 alpha see 16,16-dimethylprostaglandin F2alpha

1,4-dimethylphenanthrene
(RN) 22349-59-3
(HM) *PHENANTHRENES
(PA) CARCINOGENS
(NO) tumor initiator

2,9-dimethyl-o-phenanthroline see neocuproine

2,9-dimethyl-2-phenanthroline see neocuproine

2,4-dimethylphenol
(RN) 105-67-9
(RR) 69275-89-4 (Ti(+4) salt)
(RR) 35471-28-4 (Na salt)
(RR) 50625-36-0 (K salt)
(RR) 1300-71-6 (cpd with unspecified locants)
(SY) 2,4-DMP
(HM) *XYLENES
(PA) ANTI-INFECTIVE AGENTS
(NO) RN given refers to parent cpd

2,6-dimethylphenol see 2,6-xylenol

3,5-dimethylphenol see 3,5-xylenol

dimethyl phenylalanine-proline-arginine-5-amidoisophthalate see phenylalanyl-prolyl-arginyl-5-amidoisophthalic acid dimethyl ester

2-(2,6-dimethylphenylamino)-2-delta 2-oxazoline see LD 2855

dimethylphenylcarbinol see 2-phenyl-2-propanol

N,N-dimethyl phenylene diamine see dimethyl-4-phenylenediamine

N,N-dimethyl-3-phenylenediamine
(RN) 2836-04-6
(RR) 3575-32-4 (di-HCl)
(SY) DMMPDA
(SY) N,N-dimethyl-meta-phenylenediamine
(HM) *PHENYLENEDIAMINES
(NO) RN given refers to parent cpd

dimethyl-p-phenylenediamine see dimethyl-4-phenylenediamine

dimethyl-4-phenylenediamine
(RN) 99-98-9
(RR) 536-46-9 (di-HCl)
(RR) 2052-46-2 (mono-HCl)
(RR) 28675-03-8 (cpd with unspecified locants)
(RR) 25540-69-6 (ion(1+))
(RR) 24631-29-6 (oxalate[1:1])
(RR) 13806-04-7 (unspecified HCl)
(RR) 13013-08-6 (acetate)
(RR) 6219-73-4 (unspecified sulfate)
(RR) 536-47-0 (sulfate[1:1])
(RR) 60160-75-0 (sulfate[2:1])
(RR) 62778-12-5 (oxalate[2:1])
(SY) N,N-dimethyl phenylene diamine
(SY) N,N-dimethyl-para-phenylenediamine
(SY) dimethyl-p-phenylenediamine
(HM) *PHENYLENEDIAMINES
(NO) RN given refers to parent cpd; structure

N,N-dimethylphenylethylamine
(RN) 1126-71-2
(RR) 10275-21-5 (HCl)
(RR) 16397-17-4 (HBr)
(SY) N,N-DMPEA
(HM) *PHENETHYLAMINES
(NO) RN given refers to parent cpd

4(5)-2-(2,6-dimethylphenyl)ethylimidazole see MPV 295

2,4-dimethylphenylhydroxylamine
(RN) 70853-94-0
(SY) 2,4-DMPHA
(HM) *HYDROXYLAMINES

1-(2,6-dimethylphenyl)-3-methylamidinourea see lidamidine

O,O-dimethyl S-(phenylmethyl) ester phosphorothioic acid see ricid

N-(2,6-dimethylphenyl)-N'-(3-(1-methylethylamino) propyl)urea see Wy 42362

N'-(2,4-dimethylphenyl)-N-methylformamidine see U-40481

5-(2',5'-dimethylphenyl)-6-oxa-1-azabicyclo(3.3.0)octane
(RN) 92473-68-2
(SY) DMPABCO
(HM) *AZOCINES
(PA) ANTI-INFLAMMATORY AGENTS

N,N-dimethyl-6-phenyl-11H-pyrido(2,3-b)(1,4)benzodiazepin-11-propanamine see AHR 9377

N-(2,6-dimethylphenyl)-8-pyrrolizidineacetamide hydrochloride see SUN 1165

3,8-dimethyl-4-phenyl-5,6,7,8-tetrahydropyrazolo-(3,4-b)(1,5)-diazepine-1H,4H-5,7-dione see Hoe 175

N,N-dimethyl-3-phenyl-3-(p-tolyl)propylamine see tolpropamine

3,3-dimethyl-1-phenyltriazene see 1-phenyl-3,3-dimethyltriazene

dimethyl phosphate
(RN) 813-78-5
(RR) 37919-86-1 (K salt)
(RR) 32586-82-6 (Na salt)
(HM) *ORGANOPHOSPHORUS COMPOUNDS
(NO) excreted in urine after exposure to mevinphos; RN given refers to parent cpd; structure

O,S-dimethylphosphoroamidothioate see methamidophos

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O,O-dimethyl phosphorodithioate
(RN) 756-80-9
(RR) 26377-29-7 (Na salt)
(RR) 34247-29-5 (Na salt dihydrate)
(RR) 32534-66-0 (cpd with unspecified locants for dimethyl moieties)
(RR) 28867-26-7 (Cu(+2) salt)
(RR) 24311-92-0 (Cu(+1) salt)
(RR) 16001-68-6 (K salt)
(RR) 1066-97-3 (NH3 salt)
(SY) DMDTP
(SY) O,O-dimethyldithiophosphate
(HM) *THIOPHOSPHORIC ACID ESTERS
(NO) metabolite of phosmet; RN given refers to parent cpd

O,O-dimethyl phosphorothionate
(RN) 1112-38-5
(RR) 40633-14-5 (NH3 salt)
(RR) 28523-79-7 (K salt)
(RR) 23754-87-2 (Na salt)
(SY) O,O-dimethylthiophosphate
(HM) *THIOPHOSPHORIC ACID ESTERS
(NO) metabolite of phosmet; RN given refers to parent cpd

dimethyl phthalate
(RN) 131-11-3
(RR) 59137-75-6 (conjugate diacid)
(SY) dimethylphthalate
(HM) *PHTHALIC ACIDS
(II) INSECT REPELLENTS
(NO) RN given refers to parent cpd; structure

dimethylphthalate see dimethyl phthalate

dimethyl p-phthalate see dimethyl 4-phthalate

dimethyl 4-phthalate
(RN) 120-61-6
(SY) dimethyl terephthalate
(SY) dimethyl p-phthalate
(HM) *PHTHALIC ACIDS
(II) INSECT REPELLENTS
(NO) solvent; structure

dimethyl pimelimidate
(RN) 36875-25-9
(HM) *IMIDOESTERS

cis-9-(3-(3,5-dimethyl-1-piperazinyl)propyl)carbazole see BW 234U

dimethylproline see stachydrine

dimethylpropanediamine see 3-dimethylaminopropylamine

N,N-dimethyl-1,3-propanediamine see 3-dimethylaminopropylamine

2,2-dimethylpropionic acid see pivalic acid

dimethylpropranolol see pranolium

N,N-dimethylpropranolol see pranolium

N-dimethyl-N-propyldodecanamide betaine sodium see laurylamidopropylbetain

N-(1,1-dimethylpropynyl)-3,5-dichlorobenzamide see pronamide

16,16-dimethylprostaglandin F2alpha
(RN) 39746-23-1
(RR) 43157-24-0 (former CAS registry number)
(RR) 59769-89-0 ((5Z,9beta,11alpha,13E,15R)-isomer)
(RR) 59260-73-0 ((+-)-isomer)
(SY) 16,16-dimethyl PGF2 alpha
(SY) 16,16-dimethyl-PGF2alpha
(HM) *PROSTAGLANDINS F, SYNTHETIC
(NO) RN given refers to (5Z,9alpha,11alpha,13E,15R)-isomer; RN for cpd without isomeric designation not in Chemline 7/28/83

16,16-dimethylprostaglandin E
(RN) 41692-15-3
(RR) 53202-50-9 ((11alpha,13E,15S)-isomer)
(HM) *PROSTAGLANDINS E, SYNTHETIC
(NO) RN given refers to (11alpha,13E,15R)-isomer; RN for cpd without isomeric designation not in Chemline 7/84

17,17-dimethylprostaglandin E2
(RN) 80003-50-5
(SY) 17,17-dimethyl PGE2
(HM) *PROSTAGLANDINS E, SYNTHETIC
(PA) PROSTAGLANDIN ANTAGONISTS
(PA) PROSTAGLANDINS E/antag

dimethyl protoporphyrin IX
(RN) 5522-66-7
(SY) protoporphyrin IX dimethyl ester
(HM) *PROTOPORPHYRINS
(NO) model system for ferric hemoproteins

3,4-dimethylpyrano(3,2-c)pyrazol-6-one see XC 386

3,5-dimethylpyrazole-1-carboxamidine
(RN) 22906-75-8
(RR) 38184-47-3 (mononitrate)
(RR) 40027-64-3 (mono-HCl)
(RR) 22907-74-6 (nitrate)
(SY) 1-guanyl-3,5-dimethylpyrazole nitrate
(HM) *AMIDINES
(II) AFFINITY LABELS
(NO) guanidinating reagent for proteins; RN given refers to parent cpd

3,5-dimethylpyrazole-chromium trioxide complex see chromic anhydride-3,5-dimethylpyrazole complex

3,5-dimethylpyrazole
(RN) 67-51-6
(RR) 41253-18-3 (Na salt)
(RR) 67771-72-6 (cpd with unspecified locants)
(HM) *PYRAZOLES
(NO) RN given refers to parent cpd

2,6-dimethyl pyridinol see 2,6-dimethyl-3-oxypyridine

4,4-dimethyl-1-(4-(4-(2-pyrimidinyl)-1-piperazinyl) butyl)-2,6-piperidinedione see MJ 13805

1,6-dimethylpyrimido(5,4-E)-as- triazine-5,7(1H,6H)- dione see toxoflavin

1,1-dimethylpyrrolidine-2-carboxylic acid trimethylaminoethyl ester see hygronium

5,5-dimethylpyrrolidin-2-one-1-oxide
(SY) DMPOX
(HM) *CYCLIC N-OXIDES
(II) SPIN LABELS
(NO) structure in first source

5,5-dimethyl-1-pyrroline-1-oxide
(RN) 3317-61-1
(HM) *CYCLIC N-OXIDES
(II) SPIN LABELS

N-(2,5-dimethyl-1H-pyrrol-1-yl)-6-(4-morpholinyl)-3-pyridazinamine see MDL 899

2,5-dimethylquinone see 2,5-dimethyl-4-benzoquinone

2,3-dimethylquinoxaline 1,4-dioxide
(RN) 5432-74-6
(SY) 2,3-DMQDO
(HM) *QUINOXALINES
(NO) has ergotropic efficacy in growing broilers

6,7-dimethyl-8-ribityllumazine synthase
(SY) 6,7-DMRL synthase
(HM) *MULTIENZYME COMPLEXES
(NO) converts 5-amino-6-ribitylamino-2,4(1H,3H)-pyrimidinedione plus ribose 5-phosphate to an aliphatic intermediate which is converted to 6,7-dimethyl-8-ribityllumazine

6,7-dimethyl-8-ribityllumazine
(RN) 5118-16-1
(RR) 2535-20-8 ((D)-isomer)
(RR) 5022-77-5 (14C-labeled cpd)
(SY) DMDRL
(SY) 6,7-dimethyl-8-(1'-D-ribityl)lumazine
(HM) *PTERIDINES
(PA) MUTAGENS
(NO) RN given refers to unlabeled cpd without isomeric designation; structure

6,7-dimethyl-8-(1'-D-ribityl)lumazine see 6,7-dimethyl-8-ribityllumazine

dimethylselenide
(RN) 593-79-3
(RR) 60343-92-2 (75Se-labeled cpd)
(HM) *SELENIUM
(NO) RN given refers to unlabeled cpd

dimethylstilbestrol
(RN) 13366-36-4
(RR) 552-80-7 ((E)-isomer)
(SY) alpha,alpha'-dimethyl-4,4'-stilbenediol
(HM) *STILBENES
(NO) stilbene derivative with anti-estrogenic & anti-fertility activities; minor descriptor (75-85); on-line & Index Medicus search STILBENES (75-85); RN given refers to cpd without isomeric designation

N,N-dimethylsulfamoyl-2-(quinuclidinyl-3)-10-phenothiazine see LM24056

7-dimethylsulfamoylxanthone-2-carboxylic acid
(RN) 74733-76-9
(SY) 7-DSXCA
(HM) *XANTHENES
(PA) ALDOSE REDUCTASE/antag
(NO) structure given in first source

dimethyl sulfate
(RN) 77-78-1
(RR) 74283-42-4 (3H-labeled cpd)
(SY) dimethylsulfate
(HM) *SULFURIC ACID ESTERS
(PA) MUTAGENS
(PA) ALKYLATING AGENTS
(NO) RN given refers to unlabeled cpd; structure

dimethylsulfate see dimethyl sulfate

dimethyl sulfide
(RN) 75-18-3
(HM) *SULFIDES
(NO) structure

dimethyl sulfone
(RN) 67-71-0
(RR) 35115-92-5 (13C-labeled cpd)
(SY) methyl sulfone
(HM) *SULFONES
(NO) RN given refers to unlabeled cpd

dimethyl sulfoxide reductase
(RN) EC 1.8.99.-
(HM) *OXIDOREDUCTASES
(NO) from anaerobically grown E coli; reduced FMN & FAD or methyl viologen can serve as electron donors

dimethyl terephthalate see dimethyl 4-phthalate

2,2-dimethyl-5-tert-butyl-1,3-benzodioxole
(RN) 55699-19-9
(SY) 2-DBBD
(HM) *DIOXOLES

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N,N–dimethyltetrahydroellipticine
(RN) 87988–85–0
(SY) N,N–dimethyltetrahydroellipticinium hydroxide
(SY) DMTEH
(HM) *ELLIPTICINES
(NO) structure given in first source

N,N–dimethyltetrahydroellipticinium hydroxide see N,N–dimethyltetrahydroellipticine

dimethyl–2–(tetrahydro–2–furanyl)ethylsulfonium see GT 101

6,6–dimethyltetrahydropterin
(RN) 84812–30–6
(RR) 84812–31–7 (di–HCl)
(SY) 6,6–Me2PH4
(HM) *PTERINS
(NO) RN given refers to parent cpd & from first source

6,7–dimethyl–5,6,7,8–tetrahydropteria see 2–amino–4–hydroxy–6,7–dimethyl–5,6,7,8–tetrahydropteridine

4,4'–(2,3–dimethyltetramethylene)dipyrocatechol see nordihydroguaiaretic acid

N,N'–dimethyl–N'–(2,2,6,6–tetramethyl–1–oxyl–4–piperidinyl)–1,2–diaminoethane see Ro 31–2655

N,N–dimethyl–N–(2',2',6',6'–tetramethyl–4'– piperidyl) –2–hydroxyethylammonium chloride see tempocholine

O(3)–dimethylthebaine see oripavine

4,5–dimethylthiazole–N–oxide–S–oxide
(SY) DMT–NOSO
(HM) *THIAZOLES
(NO) chlormethiazole metabolite; structure given in first source

2,2–dimethylthiazolidine
(RN) 19351–18–9
(RR) 822–44–6 (HCl)
(SY) DMTD
(HM) *THIAZOLES
(PA) RADIATION–PROTECTIVE AGENTS
(NO) RN given refers to parent cpd; structure given in first source

2–(3,4–dimethylthiazolium)ethyl indole–3–propionate
(RN) 88285–69–2
(SY) DTEIP
(HM) *INDOLES
(HM) *THIAZOLES
(NO) structure given in first source

3–(4,5–dimethylthiazol–2–yl)–2,5–diphenyltetrazolium bromide see thiazolyl blue

4,4–dimethylthiochroman–6–yl methyl ketone 1,1–dioxide
(RN) 92788–09–5
(SY) 4,4–DCKD
(HM) *CHROMANS
(NO) RN & structure given in first source; RN not in Chemline 2/85

2,7–dimethylthiochromine–8–ethanol see thiochrome

O,O–dimethylthiophosphate see O,O–dimethyl phosphorothionate

dimethylthiourea see 1,3–dimethylthiourea

1,3–dimethylthiourea
(RN) 61805–96–7
(SY) dimethylthiourea
(SY) DMTU
(HM) THIOUREA/*analogs

N,N–dimethylthymine
(RN) 4401–71–2
(HM) THYMINE/*analogs

dimethyltin
(RN) 23120–99–2
(RR) 16408–14–3 (ion(2+))
(SY) dimethyltin dichloride
(HM) *ORGANOTIN COMPOUNDS

dimethyltin dichloride see dimethyltin

dimethyl–p–toluidine see dimethyl–4–toluidine

dimethyl–4–toluidine
(RN) 99–97–8
(SY) dimethyl–para–toluidine
(SY) dimethyl–p–toluidine
(HM) *TOLUIDINES

1–4–(3,3–dimethyl–1–triazeno)benzoic acid
(RN) 7203–91–0
(RR) 70055–49–1 (K salt)
(RR) 49638–52–0 (Na salt)
(SY) para–(3,3–dimethyl–1–triazenyl)benzoic acid
(SY) potassium 4–(3,3–dimethyl–1–triazeno)benzoate
(SY) DMTZB
(HM) *TRIAZENES
(PA) ANTINEOPLASTIC AGENTS
(NO) RN given refers to parent cpd

5–(3,3–dimethyl–1–triazeno)–1–methylimidazole–4–carboxamide
(RN) 76283–04–0
(SY) methylDIC
(HM) DACARBAZINE/*analogs
(NO) metabolite of dacarbazine

3–(3,3–dimethyl–1–triazeno)pyrazole–4–carboxamide
(RN) 21466–00–2
(HM) *TRIAZENES
(PA) ANTINEOPLASTIC AGENTS
(NO) structure

N,N–dimethyl–N'–1H–1,2,4–triazol–3–yl–thiourea see DU 18288

7,8–dimethyl–10–(2,3,4–trihydroxy–4–formylbutyl) isoalloxazine see vitamin B2 aldehyde

N,N–dimethyltrilobine iodide see N,N–dimethyltrilobine

N,N–dimethyltrilobine
(SY) N,N–dimethyltrilobine iodide
(HM) *ALKALOIDS
(PA) ANTI–ARRHYTHMIA AGENTS
(NO) structure given in first source

4,17–dimethyltrilostane see Win 32729

dimethyltubocurarine
(RN) 35–67–6
(RR) 55102–96–0 (chloride)
(RR) 36653–49–3 (iodide)
(RR) 19142–59–7 (14C–labeled cpd chloride)
(RR) 14733–98–3 (bromide.HBr)
(RR) 518–26–3 (iodide.HI)
(RR) 518–25–2 (chloride.HCl)
(HM) TUBOCURARINE/*analogs
(PA) NEUROMUSCULAR BLOCKING AGENTS
(PA) NEUROMUSCULAR NONDEPOLARIZING AGENTS
(NO) RN given refers to unlabeled parent cpd

N,N–dimethyltyramine see hordenine

1–((6,10–dimethyl–4,9–undecadienyl)oxy)–2,3,5–trimethylbenzene
(SY) DMUDTMB
(HM) *FATTY ACIDS, UNSATURATED
(II) JUVENILE HORMONES

1,3–dimethyluracil
(RN) 874–14–6
(HM) URACIL/*analogs

1,1–dimethylurea
(RN) 598–94–7
(HM) *METHYLUREA COMPOUNDS

1,3–dimethylurea
(RN) 96–31–1
(HM) *METHYLUREA COMPOUNDS

1,3–dimethyluric acid
(RN) 944–73–0
(HM) URIC ACID/*analogs

dimethylvinylcarbinol see 3–hydroxy–3–methylbutene

2–(4–dimethylvinylphenyl)propionic acid see Gx 258

1,7–dimethylxanthine
(RN) 611–59–6
(SY) paraxanthine
(HM) *THEOPHYLLINE

2,2–dimethyl–5–(2,5–xylyloxy)–valeric acid see gemfibrozil

4,4–dimethylzymosterol see 4,4–dimethyl–5–alpha–cholesta–(8,24)–dien–3–beta–ol

16,16–dimethyprostaglandin E2 4–benzaldehyde semicarbazone ester
(SY) dimethyl–PGE2–PBASE
(HM) *16,16–DIMETHYLPROSTAGLANDIN E2/analogs
(PA) ABORTIFACIENT AGENTS, NON–STEROIDAL

dimetinur see N,N'–dimethylnitrosourea

dimetofrine see dimethophrine

dimetotiazine see fonazine

dimetpramid
(RN) 86290–91–7
(SY) 4–dimethylamino–5–nitro–N–2–methoxy–diethylaminoethylbenzamide
(HM) *BENZAMIDES
(PA) ANTIEMETICS

dimetrophine see dimethophrine

dimid see diphenamid

dimifen blue see dimiphen blue

diminazenaceturate see diminazene aceturate

diminazene aceturate
(RN) 908–54–3
(SY) Berenil
(SY) diminazenaceturate
(SY) azidin
(HM) *DIMINAZENE/analogs
(PA) ANTIPROTOZOAL AGENTS
(PA) TRYPANOCIDAL AGENTS

dimiphen blue
(SY) dimifen blue
(HM) *DYES
(NO) no other information available 5/85

7,8–DiMIQX see 2–amino–3,7,8–trimethylimidazo(4,5–f)quinoxaline

DIMIT see 3,5–dimethyl–3'–isopropyl–L–thyronine

di–MMM see 6,6'–di–O–mycoloyl–alpha–mannopyranosyl–alpha–mannopyranoside

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dimocifon
(RN) 69422-71-5
(RR) 73122-84-6 ([1:1] compd.)
(SY) dimotsifon
(SY) dimocifone
(HM) URACIL/*analogs
(HM) *DAPSONE
(HM) DRUG COMBINATIONS
(II) DERMATOLOGIC AGENTS
(NO) RN given refers to methyluracil & dapsone [2:1] compd.

dimocifone see dimocifon

dimorpholamine
(RN) 119-48-2
(SY) dimorpholaminum
(HM) *MORPHOLINES
(NO) analeptic properties; minor descriptor (75-83); on-line & Index Medicus search MORPHOLINES (75-83); structure

dimorpholaminum see dimorpholamine

1,4-dimorpholino-7-phenylpyrido(3,4-d)pyridazine see DS-511

dimotapp
(RN) 87453-66-5
(HM) *PHENYLPROPANOLAMINE
(HM) *PHENYLEPHRINE
(HM) *CHLORPHENIRAMINE
(HM) DRUG COMBINATIONS
(PA) HISTAMINE H1 RECEPTOR BLOCKADERS
(NO) combination of above first 2 cpds & chlorpheniramine maleate

dimotsifon see dimocifon

dimoxamine
(RN) 52842-59-8
(RR) 52881-88-6 ((S)-isomer)
(RR) 52842-58-7 ((+-)-isomer)
(RR) 52663-86-2 (HCl(R)-isomer)
(RR) 52918-31-7 (HCl(S)-isomer)
(RR) 54690-19-6 (HCl(+-)-isomer)
(RR) 40393-72-4 (HCl)
(SY) BL-3912A
(SY)
2-amino-1-(2,5-dimethoxy-4-methylphenyl)butane
(SY) MDPA-1
(SY)
1-(4-methyl)-2,5-dimethoxyphenyl-2-aminobutane
(SY) BL 3912A
(HM) *DOM/analogs
(PA) HALLUCINOGENS
(NO) butyl analog of DOM (2-amino-1-(2,5-dimethoxy-4-methylphenyl)propane; RN given refers to (R)-isomer; synonym BL-3912A refers to HCl(R)-isomer; RN for cpd without isomeric designation not in Chemline 7/27/83; structure

DIMP see diisopropyl methylphosphonate

3,6-di-MP-mannose see 3,6-di-O-(alpha-mannopyranosyl)mannose

6,6'-di-O-mycoloyl-(alpha-D-galactopyranosyl-alpha-D-galactopyranoside) see 6,6'-di-O-mycoloyl galactopyranosyl-galactopyranoside

6,6'-di-O-mycoloyl-alpha-mannopyranosyl- alpha-mannopyranoside
(SY) di-MMM
(SY)
6,6'-di-O-mycoloyl-alpha-D-mannopyranosyl-alpha-D-mannopyranoside
(HM) *DISACCHARIDES
(NO) cord factor analog; structure given in first source

6,6'-di-O-mycoloyl-alpha-D-mannopyranosyl-alpha-D-mannopyranoside see 6,6'-di-O-mycoloyl-alpha-mannopyranosyl-alpha-mannopyranoside

6,6'-di-O-mycolyl galactopyranosyl-galactopyranoside
(SY) DMGGP
(SY) 6,6'-di-O-mycoloyl-(alpha-D-galactopyranosyl-alpha-D-galactopyranoside)
(HM) *CORD FACTORS
(NO) structure given in first source

dimyristoyl methylphosphatidic acid see dimyristoylmethylphosphatidic acid

dimyristoylmethylphosphatidic acid
(RN) 54672-40-1
(RR) 60569-01-9 ((R)-isomer)
(RR) 60569-02-0 (Na salt(R)-isomer)
(RR) 58936-86-0 (Na salt)
(SY) DMMPA
(SY) dimyristoyl methylphosphatidic acid
(HM) *PHOSPHATIDIC ACIDS
(NO) RN given refers to parent cpd without isomeric designation

dimyristoylphosphatidic acid
(RN) 30170-00-4
(RR) 28874-52-4 ((R)-isomer)
(RR) 71017-90-8 (Ba salt(R)-isomer)
(SY) DMSPTA
(HM) *PHOSPHATIDIC ACIDS
(NO) RN given refers to parent cpd without isomeric designation; structure given in first source

dimyristoylphosphatidylethanolamine
(RN) 20255-95-2
(HM) *PHOSPHATIDYLETHANOLAMINES

dimyristoylphosphatidylglycerol
(RN) 61361-72-6
(SY) DMPG
(HM) *PHOSPHATIDYLGLYCEROLS

dimyristoylphosphatidylserine
(RN) 64023-32-1
(SY) DMPSE
(HM) *PHOSPHATIDYLSERINES

1,5-DIM see 1,5-deoxy-1,5-imino-D-mannitol

dinactin
(RN) 20261-85-2
(HM) *NONACTIN/analogs
(NO) homolog of the above minor

di-2-naphthylthiocarbazone
(RN) 27766-21-8
(SY) di-beta-naphthylthiocarbazone
(HM) *NAPHTHALENES
(II) DYES

dimemorphan see dimemorfan

dinitramine
(RN) 29091-05-2
(SY) USB 3584
(SY) Cobex
(SY) diethamine
(HM) *PHENYLENEDIAMINES
(PA) HERBICIDES
(NO) structure

(dinitrato(1R,2S-cyclohexanediamine)platinum(II)) see NSC 239851

2,3-dinitrilo-1,4-dithia-9,10-anthraquinone see dithianone

2',3'-di-O-nitroadenosine-5'-(N-ethylcarboxamide) see B 744-99

dinitroaminophenol
(RN) 25550-58-7
(RR) 38892-09-0 (Na salt)
(SY) dinitroaminophenyl group
(SY) DNAP
(HM) *DINITROBENZENES
(II) HAPTENS
(NO) RN given refers to parent cpd

dinitroaminophenyl group see dinitroaminophenol

2,4-dinitroaniline
(RN) 97-02-9
(HM) *ANILINE COMPOUNDS

3-(2,4-dinitroanilino)-3'-amino-N-methyldipropylamine
(SY) DNAAMP
(HM) *DINITROBENZENES
(II) INDICATORS AND REAGENTS
(NO) basic congener of dinitrophenol that diffuses readily into cells; probe for visualization of acidic organelles in intact cells by electron microscopy; structure given in first source

3,5-dinitrobenzamide see nitromide

m-dinitrobenzene see 3-dinitrobenzene

dinitrobenzenesulfonic acid
(RN) 12379-41-8
(RR) 53301-71-6 (Na salt)
(HM) *BENZENESULFONATES
(II) HAPTENS
(NO) RN given refers to parent cpd

2,4-dinitrobenzenesulfonic acid
(RN) 89-02-1
(RR) 885-62-1 (Na salt)
(HM) *BENZENESULFONATES
(NO) RN given refers to parent cpd; structure

1,2-dinitrobenzene
(RN) 528-29-0
(RR) 25154-54-5 (cpd with unspecified nitro locant)
(SY) ortho-dinitrobenzene
(HM) *DINITROBENZENES

1,3-dinitrobenzene see 3-dinitrobenzene

3-dinitrobenzene
(RN) 99-65-0
(SY) m-dinitrobenzene
(SY) 1,3-dinitrobenzene
(SY) meta-dinitrobenzene
(HM) *DINITROBENZENES

2,5-dinitrobenzimidazole
(RN) 83167-05-9
(HM) *BENZIMIDAZOLES
(PA) RADIATION-SENSITIZING AGENTS

1,4-dinitro-2-butene
(RN) 58473-18-0
(HM) *ALKENES
(HM) *NITRO COMPOUNDS
(PA) MONOAMINE OXIDASE INHIBITORS
(NO) structure given in first source

dinitrobutylphenol see dinoseb

4,4'-dinitrocarbanilide
(RN) 587-90-6
(HM) *CARBANILIDES
(NO) component of NICARBAZIN

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3,5-dinitro-4-chloro-alpha,alpha,alpha-trifluorotoluene
(RN) 393-75-9
(RR) 65893-85-8 (cpd with unspecified locants)
(RR) 82668-92-6 (3H-labeled cpd)
(SY) 4-chloro-alpha,alpha,alpha-trifluoro-3,5-dinitrotoluene
(HM) *DINITROCHLOROBENZENE/analogs
(NO) affects mitochondria isolated from rat liver; RN given refers to unlabeled cpd

2,4-dinitro-o-cresol see hedolit

2,4-dinitro-1,5-difluorobenzene see 1,5-difluoro-2,4-dinitrobenzene

1,4-dinitro-2,3-diphenyl-2-butene
(SY) DNDPB
(HM) *ALKENES
(HM) *NITRO COMPOUNDS
(PA) MONOAMINE OXIDASE INHIBITORS
(NO) structure given in first source

3,5-dinitro-N,N-di(n-propyl)sulfanilamide see oryzali..

2,7-dinitrofluorenone
(RN) 31551-45-8
(SY) 2,7-dinitro-9-fluorenone
(HM) *FLUORENES
(PA) MUTAGENS
(NO) structure given in first source

2,7-dinitro-9-fluorenone see 2,7-dinitrofluorenone

2,4-dinitrofluorobenzene sulfonic acid
(SY) DNBS
(HM) *DNFB/analogs

N-(2,4-dinitro-5-fluorophenyl)-1,2-bis(mannos-4'-yloxy)propyl-2-amine
(SY) FDNB-BMPA
(HM) *DISACCHARIDES
(NO) has high affinity for human erythrocyte sugar transport system; structure given in first source

4'-N-(2,4-dinitro-5-fluorophenyl) pyridoxamine 5'-phosphate
(SY) DNFPPP
(HM) PYRIDOXAMINE/*analogs
(II) AFFINITY LABELS
(NO) structure

dinitrogenase reductase see azoferredoxin

dinitroglycerol
(RN) 27321-62-6
(SY) glyceryl dinitrate
(HM) GLYCERYL TRINITRATE/*analogs

3,5-dinitro-4-hydroxyphenacetic acid
(RN) 10463-37-3
(SY) 4-hydroxy-3,5-dinitrophenacetyl
(HM) *DINITROPHENOLS
(II) ADJUVANTS, IMMUNOLOGIC
(NO) haptenic determinant; structure

3,5-dinitro-2-hyroxytoluene see hedolit

2,4-dinitroimidazole-1-ethanol see KA 161

1,4-dinitro-2-methyl-2-butene
(RN) 29770-83-0
(RR) 80651-26-9 (ion(2-)di-Na salt)
(SY) DNMB
(HM) *ALKENES
(HM) *NITRO COMPOUNDS
(PA) MONOAMINE OXIDASE INHIBITORS
(NO) structure given in first source; RN given refers to parent cpd

2,4-dinitro-1-naphthol-7-sulfonic acid disodium salt see naphthol yellow

2',3'-dinitro-NECA see B 744-99

dinitrophenol-ovalbumin
(SY) dinitrophenylovalbumin
(SY) DNP-ovalbumin
(HM) *OVALBUMIN
(II) DINITROPHENOLS
(II) HAPTENS

2,4-dinitrophenol
(RN) 51-28-5
(RR) 1011-73-0 (Na salt)
(RR) 7668-65-7 (NH4 salt)
(RR) 25335-72-2 (Cs salt)
(RR) 59721-91-4 (14C-labeled cpd)
(RR) 20255-22-5 (Li salt)
(RR) 41570-80-3 (Mn(+2) salt)
(RR) 25335-71-1 (Rb salt)
(RR) 14314-69-3 (K salt)
(RR) 32707-04-3 (Tl(+1) salt)
(RR) 57745-11-6 (NH4 salt[2:1])
(HM) *DINITROPHENOLS
(II) UNCOUPLING AGENTS
(NO) RN given refers to unlabeled parent cpd; see also record for dinitroaminophenol

2,4-dinitrophenylacetate see 2,4-dinitrophenylacetic acid

2,4-dinitrophenylacetic acid
(RN) 643-43-6
(RR) 67099-39-2 (K salt)
(SY) 2,4-dinitrophenylacetate
(HM) *PHENYLACETATES
(NO) RN given refers to parent cpd

2,4-dinitrophenyl-alanylglycylglycyl- ficoll
(SY) DAGG-ficoll
(HM) *FICOLL/analogs
(II) ANTIGENS

N-(2,4-dinitrophenyl)-4-aminobutyric acid
(SY) N-(2,4-dinitrophenyl)-gamma-aminobutyric acid
(SY) 2,4-DNP-GABA
(HM) GABA/*analogs

2,4-dinitrophenyl-6-N-aminocaproylphosphatidylethanolamine
(SY) DNP-N-CAP-PE
(HM) *PHOSPHATIDYLETHANOLAMINES

6-N-(2,4-dinitrophenyl)aminohexanoic acid
(RN) 10466-72-5
(SY) DNP-epsilon-aminocaproate
(SY) DNP-amonocaproic acid
(HM) *AMINOCAPROIC ACIDS
(II) LIGANDS
(NO) ligand used in prosthetic-group-label immunoassay technique

8-(2,4-dinitrophenyl-2,6-aminohexyl) aminoadenosine 5'-triphosphate
(RN) 84563-30-4
(SY) gamma ATP-DNP
(HM) ADENOSINE TRIPHOSPHATE/*analogs
(NO) structure given in first source

1-((2,4-dinitrophenyl)azo)-2-naphthalenol see C.I. 12075

2-((2,4-dinitrophenyl)azo)-1-naphthol 3,6-disulfonic acid disodium salt see 2-((2,4-dinitrophenyl)azo)-1-naphthol 3,6-disulfonic acid

2-((2,4-dinitrophenyl)azo)-1-naphthol 3,6-disulfonic acid
(SY) DNPNS
(SY) 2-((2,4-dinitrophenyl)azo)-1-naphthol 3,6-disulfonic acid disodium salt
(SY) 3,6-naphthalenedisulfonic acid, 2-((2,4-dinitrophenyl)azo-1-hydroxy
(HM) *NAPHTHALENESULFONATES
(II) HAPTENS
(NO) structure given in first source

dinitrophenyl-bovine gamma-globulin see dinitrophenyl gamma globulin

dinitrophenyl-bovine serum albumin
(SY) DNP-BSA
(HM) *SERUM ALBUMIN, BOVINE
(HM) *DINITROPHENOLS
(II) DINITROPHENOLS

2,4-dinitrophenyl-dextran see 2,4-dinitrophenyl dextran

2,4-dinitrophenyl dextran
(SY) 2,4-DNP-DE
(SY) 2,4-dinitrophenyl-dextran
(HM) *DEXTRANS

N(4)-dinitrophenyl-2,4-diaminobutyric acid hydrazide
(RN) 87668-72-2
(SY) DNP-DABH
(HM) *DINITROBENZENES
(II) INDICATORS AND REAGENTS
(NO) structure given in first source

N-(2,4-dinitrophenyl)ethylenediamine
(RN) 28767-75-1
(SY) DNPED
(HM) *ETHYLENEDIAMINES

2,4-dinitrophenyl-Ficoll see DNP-Ficoll

N-(2,4-dinitrophenyl)-gamma-aminobutyric acid see N-(2,4-dinitrophenyl)-4-aminobutyric acid

dinitrophenyl gamma globulin
(SY) DNPGG
(SY) dinitrophenyl-bovine gamma-globulin
(HM) *GAMMA GLOBULINS
(II) ANTIGENS
(II) HAPTENS
(II) DINITROPHENOLS

S-(2,4-dinitrophenyl)glutathione
(RN) 26289-39-4
(HM) GLUTATHIONE/*analogs

2,4-dinitrophenyl-glutathionyl-disulfide
(SY) DNPSSG
(HM) GLUTATHIONE/*analogs

dinitrophenyl-human serum albumin
(SY) DNP-HSA
(HM) *SERUM ALBUMIN
(HM) *DINITROPHENOLS

2,4-dinitrophenylhydrazine
(RN) 119-26-6
(HM) *PHENYLHYDRAZINES
(NO) structure

2,4-dinitrophenylhydrazone
(HM) *HYDRAZONES

2,4-dinitrophenyl-IgG
(SY) IGG-DNP
(SY) DNP-MGG
(HM) *DINITROBENZENES
(HM) *IGG
(PA) IMMUNOSUPPRESSIVE AGENTS
(NO) 2,4-dinitrophenyl-conjugated mouse IgG

2,4-dinitrophenyl keyhole limpet hemocyanin
(SY) 2,4-DNP-KLH
(HM) *HEMOCYANIN

dinitrophenyl-lysine see epsilon-dinitrophenyllysine

dinitrophenylovalbumin see dinitrophenol-ovalbumin

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2,3-di-(4-nitrophenyl)-5-phenyl-2H-tetrazolium bromide see 2,3-di-(4-nitrophenyl)-5-phenyl-2H-tetrazolium

2,3-di-(4-nitrophenyl)-5-phenyl-2H-tetrazolium

(RN) 90376-02-6
(SY) p-DNTT-Br
(SY) 2,3-di-(4-nitrophenyl)-5-phenyl-2H-tetrazolium bromide
(HM) *TETRAZOLIUM SALTS
(II) DYES
(NO) used for demonstrating brain dehydrogenases

2,4-dinitrophenyl-Pro-Gln-Gly-Ile-Ala-Gly-Gln-D-Arg see DNP-peptide

2,4-dinitrophenyl-prolyl-glutaminyl-glycyl-isoleucyl-alanyl-glycyl-glutamiayl-arginine see DNP-peptide

2,4-dinitrophenylthiocyanate see 2,4-dinitrothiocyanatebenzene

1,3-dinitropyrene

(RN) 75321-20-9
(HM) *PYRENES
(PA) MUTAGENS
(PA) CARCINOGENS

1,6-dinitropyrene

(RN) 42397-64-8
(HM) *PYRENES
(PA) MUTAGENS

1,8-dinitropyrene

(RN) 42397-65-9
(HM) *PYRENES
(PA) MUTAGENS
(PA) CARCINOGENS

2,4-dinitro-6-sec-butylphenol see dinoseb

1,4-dinitroso-2,6-dimethylpiperazine see 2,6-dimethyldinitrosopiperazine

N,N-dinitrosohomopiperazine

(RN) 55557-00-1
(SY) DNHP
(HM) *NITROSAMINES
(PA) CARCINOGENS

dinitrosopentamethylenetetramine

(RN) 101-25-7
(HM) *BICYCLO COMPOUNDS
(II) SURFACE-ACTIVE AGENTS
(NO) structure

N,N'-dinitrosopiperazine

(RN) 140-79-4
(RR) 58889-21-7 (14C-labeled cpd)
(SY) 1,4-dinitrosopiperazine
(HM) *NITROSAMINES
(PA) CARCINOGENS
(NO) RN given refers to unlabeled cpd

1,4-dinitrosopiperazine see N,N'-dinitrosopiperazine

4,4'-dinitro-2,2'-stilbene disulfonate disodium salt see 4,4'-dinitro-2,2'-stilbstilbenedisulfonic acid

4,4'-dinitro-2,2'- stilbstilbenedisulfonic acid

(RN) 128-42-7
(RR) 3709-43-1 (di-Na salt)
(RR) 15883-59-7 (unspecified Na salt)
(RR) 78333-25-2 ((E)-isomer)
(RR) 78333-24-1 ((Z)-isomer)
(SY) DNDS
(SY) 4,4'-dinitro-2,2'-stilbene disulfonate disodium salt
(HM) *STILBENES
(NO) RN given refers to parent cpd without isomeric designation

2,4-dinitro-6-tert-butylphenyl methanesulfonate

(RN) 29110-68-7
(SY) HE-166
(HM) *DINITROPHENOLS
(PA) HERBICIDES
(NO) structure in first source

2,6-dinitro-TFMBSA see 2,6-dinitro-4-trifluoromethylbenzenesulfonic acid

2,4-dinitrothiocyanatebenzene

(RN) 1594-56-5
(SY) 2,4-dinitrophenylthiocyanate
(SY) DNTB
(SY) dinitrothiocyanobenzene
(HM) *DINITROBENZENES
(II) HAPTENS

dinitrothiocyanobenzene see 2,4-dinitrothiocyanatebenzene

2,4-dinitrotoluene

(RN) 121-14-2
(HM) *DINITROBENZENES
(PA) CARCINOGENS

2,6-dinitrotoluene

(RN) 606-20-2
(RR) 25321-14-6 (cpd with unspecified locants for nitrogen moieties)
(HM) *DINITROBENZENES
(NO) RN given refers to cpd with specified locants for nitrogen moieties

3,5-dinitrotoluene

(RN) 618-85-9
(HM) *DINITROBENZENES
(PA) MUTAGENS

2,6-dinitro-4-trifluoromethylbenzenesulfonate see 2,6-dinitro-4-trifluoromethylbenzenesulfonic acid

2,6-dinitro-4-trifluoromethylbenzenesulfonic acid

(RN) 54729-99-6
(RR) 54495-25-9 (Na salt)
(SY) 2,6-dinitro-TFMBSA
(SY) TFMDNPS
(SY) 4-trifluoromethyl-2,6-dinitrophenyl sulfonate
(SY) 2,6-dinitro-4-trifluoromethylbenzenesulfonate
(HM) *BENZENESULFONATES
(II) INDICATORS AND REAGENTS
(NO) derivatizing agent for analysis of amines; RN given refers to parent cpd

2,6-dinitro-3,4,5-trimethyl-tert-butylbenzene see musk tibetine

dinobuton

(RN) 973-21-7
(SY) Acrex
(SY) akrex
(HM) *DINITROBENZENES
(PA) FUNGICIDES, INDUSTRIAL
(PA) INSECTICIDES
(NO) Russian drug; structure

dinocap

(RN) 39300-45-3
(SY) mildex
(SY) 2-(1-methyl-n-heptyl)-4,6-dinitrophenyl crotonate
(HM) *DINITROBENZENES
(PA) INSECTICIDES
(PA) FUNGICIDES, INDUSTRIAL
(NO) structure

Dinoprost see prostaglandin F2

dinoprost ethyl ester see prostaglandin F2 ethyl ester

dinoprost isopropyl ester see prostaglandin F2 isopropyl ester

dinoprost methyl ester see prostaglandin F2 methyl ester

Dinoprostone see prostaglandin E2

dinoprost tromethamine

(RN) 38562-01-5
(SY) prostaglandin F2alpha tromethamine
(SY) lutalyse
(SY) PGF2alpha tromethamine
(HM) *PROSTAGLANDINS F, SYNTHETIC
(PA) ABORTIFACIENT AGENTS, NON-STEROIDAL
(II) OXYTOCICS
(NO) indicated for terminating second trimester pregnancy; administered intra-amniotically

23,24-dinor-5-cholen-3-ol see 5-pregnen-3 beta-ol

2,3-dinor-6,15-diketo-13,14-dihydro-PGF1alpha see 2,3-dinor-6,15-diketo-13,14-dihydroprostaglandin F1alpha

2,3-dinor-6,15-diketo-13,14-dihydroprostaglandin F1alpha

(RN) 68376-88-5
(SY) 2,3-dinor-6,15-diketo-PGF1alpha
(SY) 2,3-dinor-6,15-dioxo-13,14-dihydroprostaglandin F1 alpha
(SY) 2,3-dinor-6,15-dioxo-13,14-dihydro-PGF1 alpha
(SY) 2,3-DDDPGF1alpha
(SY) 2,3-dinor-6,15-diketo-13,14-dihydro-PGF1alpha
(HM) *PROSTAGLANDINS F, SYNTHETIC
(NO) formed from 6-keto-PGF1alpha by Mycobacterium rhodochrous; RN given refers to (1R-(1alpha,2beta,3alpha,5alpha))-isomer; RN for cpd without isomeric designation not in Chemline 7/27/83; structure given in first source

2,3-dinor-6,15-diketo-PGF1alpha see 2,3-dinor-6,15-diketo-13,14-dihydroprostaglandin F1alpha

2,3-dinor-6,15-dioxo-13,14-dihydro-PGF1 alpha see 2,3-dinor-6,15-diketo-13,14-dihydroprostaglandin F1alpha

2,3-dinor-6,15-dioxo-13,14-dihydroprostaglandin F1 alpha see 2,3-dinor-6,15-diketo-13,14-dihydroprostaglandin F1alpha

2,3-dinor-6-keto-PGF1alpha see 2,3-dinor-6-ketoprostaglandin F1alpha

2,3-dinor-6-ketoprostaglandin F1alpha

(RN) 64700-71-6
(SY) 2,3-dinor-6-keto-PGF1alpha
(SY) 2,3-dinor-6-oxoprostaglandin F1alpha
(SY) 2,3-dinor-6-oxo-PGF1alpha
(SY) 2,3-DKPGF1alpha
(SY) PGI2-M
(HM) 6-KETOPROSTAGLANDIN F1 ALPHA/*analogs
(NO) formed from 6-keto-PGF1alpha by Mycobacterium rhodochrous; RN given refers to (1R-(1alph,2beta(1E,3S*)))-isomer; RN for cpd without isomeric designation not in Chemline 7/27/83; structure given in first source

dinor-LAAM see 1 alpha-acetyldinormethadol

2,3-dinor-6-oxo-PGF1alpha see 2,3-dinor-6-ketoprostaglandin F1alpha

2,3-dinor-6-oxoprostaglandin F1alpha see 2,3-dinor-6-ketoprostaglandin F1alpha

dinorphin A (1-13) see dynorphin (1-13)

2,3-dinor-thromboxane B2

(RN) 63250-09-9
(SY) 2,3-dinor TxB2
(HM) THROMBOXANE B2/*analogs

2,3-dinor TxB2 see 2,3-dinor-thromboxane B2

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dinoseb
(RN) 88-85-7
(RR) 65725-13-5 (ethanolamine salt)
(RR) 6420-47-9 (triethanolamine salt)
(RR) 6365-83-9 (NH4 salt)
(RR) 35040-03-0 (Na salt)
(RR) 8048-12-2 (unspecified alkanolamine salts)
(SY) 2-sec-butyl-4,6-dinitrophenol
(SY) dinitrobutylphenol
(SY) 2,4-dinitro-6-sec-butylphenol
(SY) DNBP
(HM) *DINITROPHENOLS
(PA) HERBICIDES
(PA) INSECTICIDES
(NO) RN given refers to parent cpd; structure

DIN toxin see deisopropylngaione

di(nucleoside monophosphates) see dinucleoside phosphates

dinucleoside phosphates
(SY) di(nucleoside monophosphates)
(SY) dinucleotides
(HM) *OLIGONUCLEOTIDES
(NO) nucleotides with a nucleoside added to the nucleotide molecule

dinucleoside polyphosphates
(SY) polyphosphorylated dinucleosides
(HM) *OLIGONUCLEOTIDES

dinucleosidetetraphosphatase see bis(5'-guanosyl) tetraphosphatase

dinucleoside-triphosphatase see bis(5'-adenosyl)triphosphatase

dinucleotide nucleotidohydrolase see nucleotide pyrophosphatase

dinucleotides see dinucleoside phosphates

Dioclea grandiflora lectin
(SY) mucana lectin
(HM) *LECTINS
(NO) from North East Brazil legume seed, Dioclea grandiflora (Mart)

dioctadecyldimethylammonium chloride see dimethyldioctadecylammonium

3,3'-dioctadecylindocarbocyanine
(SY) 3,3'-dioctadecylindocarbocyanine iodide
(HM) *CARBOCYANINES
(II) FLUORESCENT DYES

1,2-dioctanoylglycerol
(RN) 1069-87-0
(RR) 60514-48-9 ((S)-isomer)
(HM) *DIGLYCERIDES
(NO) functions as bioregulator of protein kinase C in human platelets; RN given refers to cpd without isomeric designation

dioctanoylphosphatidylcholine
(RN) 41017-85-0
(SY) DOCT-PC
(HM) *PHOSPHATIDYLCHOLINES

dioctyl adipate
(RN) 103-23-1
(SY) di-2-ethyl-hexyl adipate
(SY) DEHA
(HM) *ADIPIC ACIDS
(II) PLASTICIZERS

dioctyl calcium sulfosuccinate see dioctyl sulfosuccinic acid

di-n-octyl phthalate
(RN) 117-84-0
(HM) *PHTHALIC ACIDS
(NO) plasticizer

dioctyl sodium sulfosuccinate see dioctyl sulfosuccinic acid

dioctyl sulfosuccinic acid
(RN) 10041-19-7
(RR) 58023-68-0 (Li salt)
(RR) 51728-16-6 (Fe(+3) salt)
(RR) 51728-15-5 (unspecified Cu salt)
(RR) 19149-47-4 (Mg salt)
(RR) 7491-09-0 (K salt)
(RR) 128-49-4 (Ca salt)
(RR) 577-11-7 (Na salt)
(RR) 72102-49-9 (K salt)
(SY) peri-colace
(SY) bis(2-ethylhexyl)succinate 2-sulfonic acid
(SY) aerosol OT
(SY) diethylhexyl sodium sulfosuccinate
(SY) Clestol
(SY) sodium dioctyl sulfosuccinate
(SY) docusate sodium
(SY) dioctyl sodium sulfosuccinate
(SY) dioctyl calcium sulfosuccinate
(SY) surfak
(SY) manoxol OT
(HM) *DIOCTYL SULFOSUCCINATES
(PA) CATHARTICS
(II) EXCIPIENTS
(II) SURFACE-ACTIVE AGENTS
(NO) RN given refers to parent cpd; structure

di-n-octyltin dichloride
(RN) 3542-36-7
(HM) *ORGANOTIN COMPOUNDS

dioctyltin maleate
(RN) 16091-18-2
(HM) *ORGANOTIN COMPOUNDS
(HM) *MALEATES
(NO) RN from Toxline; RN not in Chemline 6/85

diO C3-(3) see 3,3'-dipropyloxadicarbocyanine

DIOC(6) see 3,3'-dihexyl-2,2'-oxycarbocyanine

diolein
(RN) 25637-84-7
(SY) glycerol dioleate
(SY) di-oleoylglycerol
(HM) *DIGLYCERIDES

dioleoyl cephalin see dielaidoylphosphatidylethanolamine

di-oleoylglycerol see diole .:

dioleoyl lecithin
(RN) 10015-85-7
(RR) 4235-95-4 ((L-alpha)-(R-(Z,Z))-isomer)
(RR) 52088-89-8 ((E,E)-isomer)
(RR) 56782-46-8 ((R-(E,E))-isomer)
(RR) 57028-52-1 (14C-labeled cpd (R-(Z,Z))-isomer)
(RR) 68737-67-7 ((Z,Z)-(+-)-isomer)
(SY) 1,2-dioleoyl-sn-glycero-3-phosphocholine
(SY) dioleoyl phosphatidylcholine
(SY) dielaidoyl-glycerophosphorylcholine
(SY) dielaidinoyl lecithin
(HM) *PHOSPHATIDYLCHOLINES
(NO) RN given refers to (Z,Z)-isomer; RN for cpd without isomeric designation not in Chemline 7/27/83

1,2-dioleoyl-3-(9-(3-perylenoyl)nonanoyl) glycerol
(SY) PLTG
(HM) *TRIGLYCERIDES
(II) FLUORESCENT DYES
(NO) stains intracellular lipids

dioleoylphosphatidic acid
(RN) 14268-17-8
(HM) *PHOSPHATIDIC ACIDS
(NO) RN given refers to (Z)-isomer; RN for cpd without isomeric designation not in Chemline 8/4/83

dioleoyl phosphatidylcholine see dioleoyl lecithin

dioleoyl phosphatidylcholine desaturase see oleoyl phosphatidylcholine desaturase

dioleoylphosphatidylethanolamine see dielaidoylphosphatidylethanolamine

dioleoyl phosphatidylserine
(RN) 6811-55-8
(SY) DOPSE
(HM) *PHOSPHATIDYLSERINES

1,2-dioleoylphosphatidylserine
(RN) 70614-14-1
(SY) 1,2-dioleoyl-sn-glycero-3-phosphoserine
(SY) 1,2-DLPS
(HM) *PHOSPHATIDYLSERINES
(NO) RN given in first source; RN not in Chemline 9/84

dioleoylphosphatidylthioglycerol
(RN) 91860-73-0
(HM) *PHOSPHATIDYLGLYCEROLS
(NO) RN & structure given in first source; RN not in Chemlin 1/85

1,2-dioleoyl-sn-glycero-3-phosphocholine see dioleoyl lecithin

1,2-dioleoyl-sn-glycero-3-phosphoserine see 1,2-dioleoylphosphatidylserine

dioleoylthioglycerol
(RN) 91860-74-1
(SY) DOTG
(HM) *DIGLYCERIDES
(NO) RN & structure given in first source; RN not in Chemline 1/85

anti-3,4-diol 1,2-oxide benz(a)anthracene see 3,4-dihydroxy-1,2-epoxy-1,2,3,4-tetrahydrobenz(a) anthracene

5B-A-3A,17B-diol see 5 beta-androstane-3 alpha,17 beta-diol

3,3'-dioctadecylindocarbocyanine iodide see 3,3'-dioctadecylindocarbocyanine

dioralyte
(HM) *GLUCOSE
(HM) *ELECTROLYTES
(HM) DRUG COMBINATIONS
(NO) electrolyte solution consisting of glucose, NaCl, KCl, NaHCO3

di-L-ornithine-alpha-ketoglutarate see ornicetil

diorylate
(HM) *ANTIEMETICS
(NO) no other information available 2/84

diosmetin
(RN) 520-34-3
(HM) *BIOFLAVONOIDS

diospyrin
(RN) 28164-57-0
(HM) *NAPHTHOQUINONES
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(NO) structure given in first source

dioval see mylanta

dioxacarb
(RN) 6988-21-2
(SY) elocron 50 WP
(HM) *CARBAMATES
(PA) INSECTICIDES, CARBAMATE
(NO) structure

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dioxadet
(RN) 89286-76-0
(HM) *TRIAZINES
(PA) ANTINEOPLASTIC AGENTS
(NO) sym-triazine; no other info available 2/84

dioxalim
(RN) 79818-56-7
(HM) *SURFACE-ACTIVE AGENTS
(NO) MF given as C10-H5-F14-O5-N2-S-K; no other information available 1/82

dioxan see 1,4-dioxane

dioxane see 1,4-dioxane

p-dioxane see 1,4-dioxane

1,4-dioxane-2,5-dione polymer with cyclic trimethylene carbonate see polyglyconate

2,3-dioxanedithiol-S,S-bis(O,O-diethyl phosphorodithioate) see dioxathion

1,4-dioxane
(RN) 123-91-1
(SY) p-dioxane
(SY) dioxan
(SY) dioxane
(HM) *DIOXANES
(NO) dehydrating agent; polar solvent miscible both with water & most organic solvents

1,3,2-dioxaphosphorinane-2-oxide
(RN) 16352-21-9
(HM) *ORGANOPHOSPHORUS COMPOUNDS
(PA) CHOLINESTERASE INHIBITORS
(NO) structure

dioxathion
(RN) 78-34-2
(RR) 16088-56-5 ((cis)-isomer)
(RR) 16270-86-3 ((trans)-isomer)
(SY) delnav
(SY) dioxation
(SY) 2,3-dioxanedithiol-S,S-bis(O,O-diethyl phosphorodithioate)
(HM) *ORGANOTHIOPHOSPHORUS COMPOUNDS
(PA) INSECTICIDES, ORGANOTHIOPHOSPHATE
(NO) RN given refers to cpd without isomeric designation; structure

dioxation see dioxathion

dioxetanes
(HM) *HETEROCYCLIC COMPOUNDS

dioxidine
(RN) 17311-31-8
(HM) *QUINOXALINES
(PA) ANTI-INFECTIVE AGENTS
(PA) MUTAGENS
(NO) Russian drug; structure

p-dioxin see 1,4-dioxin

1,4-dioxin
(RN) 290-67-5
(SY) p-dioxin
(HM) *DIOXINS

5,8-dioxo-6-amino-7-chloroquinoline see 6-amino-7-chloro-5,8-dioxoquinoline

3,12-dioxo-5 beta-cholan-24-oic acid see dehydrodeoxycholic acid

dioxo-DCA see dehydrodeoxycholic acid

4,9-Dioxo-5,10-diazatetradecane see CM 40142

7,8-dioxo-N,N-didesmethylchlorpromazine
(RN) 95574-31-5
(SY) 7,8-DODDM-chlorpromazine
(HM) CHLORPROMAZINE/*analogs
(PA) ADENYL CYCLASE/antag
(NO) RN given from Toxline; RN not in Chemline 7/85; structure given in first source

6,15-dioxo-13,14-dihydro-PGF1alpha see 6,15-diketo-13,14-dihydroprostaglandin F1alpha

2,2'-(3,11-dioxo-4,10-dioxatridecylene)-bis-(6,7-dimethoxy-1-(3,4-dimethoxybenzyl)-2-methyl-1,2,3,4-tetrahydroisoquinolinium) dibenzenesulfonate see atracurium

di-oxo-di-n-propylnitrosamine see nitrosobis(2-oxopropyl)amine

4,6-dioxoheptanoic acid see succinylacetone

dioxohexahydrotriazine
(RN) 27032-78-6
(SY) 2,4-dioxo-hexahydro-triazine
(SY) 5-azadihydrouracil
(SY) 2,4-dioxohexahydro-1,3,5-triazine
(HM) *TRIAZINES
(PA) ANTIVIRAL AGENTS

2,4-dioxo-hexahydro-triazine see dioxohexahydrotriazine

2,4-dioxohexahydro-1,3,5-triazine see dioxohexahydrotriazine

9,15-dioxo-11-hydroxyprosta-5,13-dienoic acid see 15-ketoprostaglandin E2

dioxolamycin
(SY) methyl 8-carbamoyl-5-hydroxy-8-methyl-7,9-dioxabicyclo(4,3,0)non-2-ene-3-carboxylate
(HM) DIOXOLANES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) from Streptomyces filamentosus; structure given in first source

1,3-dioxolane see formal glycol

dioxonium
(RN) 37069-07-1
(RR) 64938-38-1
(diiodide(2alpha(2S*,4R*),4alpha)-isomer)
(RR) 64912-57-8
(diiodide(2R-(2alpha(2S*,4S*),4alpha))-isomer)
(RR) 64912-56-7
(diiodide(2S-(2alpha(2R*,4S*),4alpha))-isomer)
(RR) 64912-55-6
(diiodide(2R-(2alpha(2R*,4S*),4alpha))-isomer)
(RR) 64912-54-5
(diiodide(2R-(2alpha(2S*,4R*),4beta))-isomer)
(HM) *DIOXOLANES
(PA) NEUROMUSCULAR BLOCKING AGENTS
(NO) RN given refers to diiodide without isomeric designation; RN for parent cpd not in Chemline 7/84; structure

(3,5-dioxo-1,2,4-oxadiazolidin-2-yl)-L-alanine see quisqualic acid

9-(3,4-dioxopentyl)hypoxanthine
(RN) 84182-19-4
(SY) 9-DOPH
(HM) *HYPOXANTHINES
(NO) structure given in first source

6,15-dioxo-PGF1 alpha see 6,15-diketoprostaglandin F1alpha

2-(2,6-dioxopiperidin-3-yl)phthalimidine see EM 12

dioxopromethazine
(RN) 13754-56-8
(RR) 15374-15-9 (mono-HCl)
(SY) prothanon
(HM) PROMETHAZINE/*analogs
(NO) RN given refers to parent cpd; structure

2,2'-dioxopropyl-N-propylnitrosamine see nitrosobis(2-oxopropyl)amine

6-(1,2-dioxopropyl)-5,6,7,8-tetrahydropterin see dyspropterin

4,5-dioxovaleric acid transaminase see aminolevulinate aminotransferase

4,5-dioxovaleric acid see gamma,delta-dioxovalerate

3,17-dioxy-5 alpha-androstane see 5-androstane-3,17-dione

dioxychlorane
(RN) 60010-42-6
(HM) *DIOXOLANES
(PA) ANESTHETICS
(NO) structure

dioxyflurane
(RN) 60010-41-5
(HM) *DIOXOLANES
(PA) ANESTHETICS

dioxygen
(RN) 12185-07-8
(HM) *OXYGEN
(NO) RN given refers to dioxygen ion; molecular oxygen

Dio-9
(RN) 11006-20-5
(SY) Dio 9
(HM) *UNCOUPLING AGENTS
(NO) mixture of cpds; inhibits electron transport & oxidative phosphorylation; used as a tool in cytochemistry; minor descriptor (75-83); on-line & Index Medicus search UNCOUPLING AGENTS (75-83); RN given refers to cpd with unknown MF

Dio 9 see Dio-9

DIP see diazenedicarboxylic acid bis(N'-methylpiperazide)

DIPA see diisopropylamine dichloroacetate

dipac
(RN) 64294-03-7
(SY) dipac (diluent)
(HM) *POLYSACCHARIDES
(II) EXCIPIENTS
(NO) mixture of sucrose and dextrin

dipac (diluent) see dipac

dipalmitin
(RN) 26657-95-4
(HM) *DIGLYCERIDES

1,3-dipalmitoyl-2-(4-(bis(2-chloroethyl) amino)benzenebutanoyl)glycerol
(RN) 85763-07-1
(SY) 1,3-DP-chlorambucil
(HM) CHLORAMBUCIL/*analogs
(PA) ANTINEOPLASTIC AGENTS
(NO) dipalmitoylglycerol ester of chlorambucil; RN & structure from first source; RN not in Chemline 8/83

dipalmitoyl cephalin see 1,2-dipalmitoyl-3-phosphatidylethanolamine

3',5'-O-dipalmitoyl-5-fluoro-2'-deoxyuridine
(RN) 7207-68-3
(SY) 3,5-dipalmitoyl-FUDR
(HM) FLUORODEOXYURIDINE/*analogs
(PA) ANTINEOPLASTIC AGENTS
(NO) structure given in first source

3,5-dipalmitoyl-FUDR see 3',5'-O-dipalmitoyl-5-fluoro-2'-deoxyuridine

1,3-dipalmitoyl-glycero-2-phosphocholine see 1,3-dipalmitoyl-2-phosphatidylcholine

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dipalmitoyllysine see N(2),N(6)-dipalmitoyllysine

N(2),N(6)-dipalmitoyllysine
(RN) 20257-67-4
(RR) 58725-50-1 (mono-Na salt)
(SY) dipalmityl lysine
(SY) dipalmitoyllysine
(HM) LYSINE/*analogs
(NO) fatty acid carrier for conjugation to synthetic peptide antigen; RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 4/84; structure given in first source

dipalmitoylphosphatidic acid
(RN) 19698-29-4
(RR) 7091-44-3 ((R)-isomer)
(RR) 74020-18-1 (NH4 salt)
(RR) 74427-52-4 (Na salt)
(RR) 74427-53-5 (Ca salt)
(RR) 5129-68-0 ((+-)-isomer)
(HM) *PHOSPHATIDIC ACIDS
(NO) RN given refers to parent cpd without isomeric designation

1,3-dipalmitoyl-2-phosphatidylcholine
(RN) 59540-22-6
(SY) 1,3-dipalmitoyl-glycero-2-phosphocholine
(SY) 1,3-DG-2-P
(HM) *PHOSPHATIDYLCHOLINES
(NO) the 1,2-isomer is PULMONARY SURFACTANT

dipalmitoyl phosphatidylethanolamine see 1,2-dipalmitoyl-3-phosphatidylethanolamine

1,2-dipalmitoyl-3-phosphatidylethanolamine
(RN) 3026-45-7
(RR) 86363-04-4 (ion(1-))
(RR) 5681-36-7 ((+-)-isomer)
(RR) 923-61-5 ((R)-isomer)
(SY) dipalmitoyl cephalin
(SY) dipalmitoyl phosphatidylethanolamine
(SY) DPPE
(SY) 1,2-dihexadecyl-sn-glycero-3-phosphoethanolamine
(SY) DHPE
(HM) *PHOSPHATIDYLETHANOLAMINES
(NO) RN given refers to parent cpd without isomeric designation

dipalmitoylphosphatidylglycerol see 1,2-dipalmitoylphosphatidylglycerol

1,2-dipalmitoylphosphatidylglycerol
(RN) 4537-77-3
(SY) dipalmitoylphosphatidylglycerol
(HM) *PHOSPHATIDYLGLYCEROLS

dipalmitoylphosphatidylserine
(RN) 3036-82-6
(SY) DPPS
(HM) *PHOSPHATIDYLSERINES

1,2-dipalmitoyl-sn-glycero-3-thiophosphocholine
(RN) 82482-77-7
(RR) 82482-78-8 ((R,R)-isomer)
(RR) 78599-45-8 ((+-)-isomer)
(SY) 1,2-DGTPC
(SY) dipalmitoylthionphosphatidylcholine
(SY) dipalmitoyl-thion-phosphatidylcholine
(SY) DPTPC
(HM) PULMONARY SURFACTANT/*analogs
(NO) sulfur atom replaces double-bonded oxygen in phosphate group; RN given refers to (R-(R*,R*))-isomer; RN for cpd without isomeric designation not in Chemline 7/84

dipalmitoyl-thion-phosphatidylcholine see 1,2-dipalmitoyl-sn-glycero-3-thiophosphocholine

dipalmitoylthionphosphatidylcholine see 1,2-dipalmitoyl-sn-glycero-3-thiophosphocholine

dipalmityl lysine see N(2),N(6)-dipalmitoyllysine

DIP-alpha-thrombin see diisopropylphosphoryl-thrombin

DIPANS see N-(2,4-diphosphobenzyl)-1-amino-5-naphthalenesulfonic acid

1,6-di(para-amidinophenoxy)hexane see hexamidine

DIPDTC see diisopropyldithiocarbamate

dipentadecanoylglycerophosphocholine
(RN) 83588-03-8
(SY) DPenPC
(HM) *PHOSPHATIDYLCHOLINES

1,2-dipentadecylmethylidene phosphatidic acid
(SY) 1,2-DPMPA
(HM) *PHOSPHATIDIC ACIDS

1,2-dipentadecylmethylidenephosphatidylcholine
(SY) DPMPC
(HM) PULMONARY SURFACTANT/*analogs

dipentene see limonene

3,3'-dipentyl-2,2'-oxacarbocyanine
(RN) 60031-82-5
(RR) 53213-81-3 (iodide)
(HM) *CARBOCYANINES
(II) FLUORESCENT DYES
(NO) RN given refers to parent cpd

di-n-pentyl phthalate
(RN) 131-18-0
(SY) diamyl phthalate
(HM) *PHTHALIC ACIDS

dipeptidase
(RN) EC 3.4.13.11
(RR) 9031-99-6 (CRN)
(SY) renal dipeptidase
(HM) *DIPEPTIDASES
(NO) cleave preferentially hydrophobic dipeptides; from various bacterial and mammalian sources

dipeptide permease see oligopeptide permease

dipeptidyl aminopeptidase I see dipeptidyl peptidase I

dipeptidyl aminopeptidase II see dipeptidyl peptidase II

dipeptidyl aminopeptidase III see dipeptidyl peptidase III

dipeptidyl carboxypeptidase
(RN) EC 3.4.15.-
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) hydrolytically removes dipeptides from the carboxyl end of low- & high-mol wt peptides

dipeptidyl peptidase I
(RN) EC 3.4.14.1
(SY) cathepsin C
(SY) dipeptidyl aminopeptidase I
(SY) dipeptidyl transferase
(HM) *DIPEPTIDYL PEPTIDASES
(NO) on-line & Index Medicus search CATHEPSINS (81-84)

dipeptidyl peptidase II
(RN) EC 3.4.14.2
(SY) dipeptidyl aminopeptidase II
(HM) *DIPEPTIDYL PEPTIDASES
(NO) on-line & Index Medicus search DIPEPTIDYL PEPTIDASES (79-84)

dipeptidyl peptidase III
(RN) EC 3.4.14.4
(SY) dipeptidyl aminopeptidase III
(HM) *DIPEPTIDYL PEPTIDASES
(NO) on-line & Index Medicus search DIPEPTIDYL PEPTIDASES (79-84)

dipeptidyl peptidase IV
(RN) EC 3.4.14.5
(RR) 54249-88-6 (CRN)
(SY) post-proline dipeptidyl aminopeptidase
(SY) glycyl-prolyl-4-methoxy-beta-naphthylamide peptidase
(SY) DAP IV
(SY) diaminopeptidase IV
(SY) glycylprolyl dipeptidylaminopeptidase
(SY) X-prolyl-dipeptidylaminopeptidase
(SY) Xaa-Pro-dipeptidylaminopeptidase
(HM) *DIPEPTIDYL PEPTIDASES

dipeptidyl transferase see dipeptidyl peptidase I

diphemanil methylsulfate
(RN) 62-97-5
(HM) *PIPERIDINES
(PA) PARASYMPATHOLYTICS
(PA) BRONCHODILATOR AGENTS

diphenamid
(RN) 957-51-7
(SY) dimid
(HM) *DIPHENYLACETIC ACIDS
(PA) HERBICIDES
(NO) do not confuse with anti-inflammatory agent difenpiramide; structure

diphenamilate see mepramidil

diphencyprone see diphenylcyclopropenone

diphenic acid
(RN) 482-05-3
(SY) 1,1'-biphenyl-2,2'-dicarboxylate
(HM) *BIPHENYL COMPOUNDS

diphenidol
(RN) 972-02-1
(RR) 26363-46-2 (pamoate)
(RR) 3254-89-5 (HCl)
(RR) 40076-83-3 (alpha-(14)C-labeled cpd HCl)
(SY) difenidol
(SY) vontrol
(SY) cefadol
(SY) cephadol
(HM) *PIPERIDINES
(PA) ANTIEMETICS
(PA) ANTIHISTAMINICS
(NO) shows anti-arrhythmic activity; RN given refers to unlabeled parent cpd

diphenpyramide see difenpiramide

diphenyl
(RN) 92-52-4
(RR) 39811-35-3 (14C-labeled cpd)
(SY) biphenyl
(HM) *BIPHENYL COMPOUNDS
(PA) FUNGICIDES, INDUSTRIAL
(NO) RN given refers to unlabeled cpd; structure

diphenylacetic acid
(RN) 117-34-0
(RR) 51033-93-3 (K salt)
(RR) 1716-11-6 (Na salt)
(HM) *DIPHENYLACETIC ACIDS
(NO) RN given refers to parent cpd

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4-diphenylacetoxy-N-methylpiperidine methiodide
(SY) 4-DAMP
(HM) *PIPERIDINES
(PA) PARASYMPATHOMIMETICS
(NO) muscariaic receptor antagonist

diphenylacetylene see biphenylacetylene

N-diphenylacetylglycine
(RN) 65707-74-6
(HM) GLYCINE/*analogs
(NO) structure given in first source

diphenyl-alpha-beta-ketone see benzil

diphenylamine-2-carboxylate see fenamic acid

1,3-diphenyl-2-aminopropane
(RN) 4275-43-8
(RR) 7763-96-4 (HCl)
(SY) alpha-benzylphenethylamine
(HM) *PHENETHYLAMINES
(NO) structure given in the first source

5,5-diphenylbarbituric acid
(RN) 21914-07-8
(RR) 64038-07-9 (mono-Na salt)
(HM) PHENOBARBITAL/*analogs
(NO) RN given refers to parent cpd

1,3-diphenyl-4-beta-piperidinoethyl-1,2,4-triazolino-5-thione
(SY) DPPETT
(HM) *TRIAZOLES
(NO) structure given in first source

diphenylborinic acid
(HM) *BORINIC ACIDS
(NO) structure given in first source

N-(4,4-diphenyl-3-butenyl)guvacine see SK&F 100330-A

N-(4,4-diphenyl-3-butenyl)nipecotic acid see SK&F 89976-A

1-(4-(1,2-diphenylbut-1-enyl)phenyl)-2,3-butanediol see ICI 145680

1,2-diphenyl-4-n-butyl-4-hydroxymethyl-3,5-dioxopyrazolidine hemisuccinate see suxibuzone

diphenylcarbazone
(RN) 538-62-5
(HM) *SEMICARBAZONES
(II) INDICATORS AND REAGENTS
(NO) sensitive reagent for Hg, for which it gives blue color; structure

diphenylcresyl phosphate
(RN) 26444-49-5
(HM) *CRESOLS
(NO) RN given refers to cpd with unspecified locants

diphenylcyclopropenone
(RN) 886-38-4
(RR) 20666-10-8 (monohydrate)
(SY) 2,3-diphenyl-2-cyclopropen-1-one
(SY) diphencyprone
(HM) *CYCLOPROPANES
(NO) strong contact sensitizer; RN given refers to parent cpd; structure given in first source

2,3-diphenyl-2-cyclopropen-1-one see diphenylcyclopropenone

2-(2,2-diphenylcyclopropyl)-1H-imidazole
(RN) 85589-36-2
(SY) 2-DCPI
(HM) *IMIDAZOLES
(NO) metabolite of cibenzoline; structure given in first source

2-(2,2-diphenylcyclopropyl)-2-imidazoline see cibenzoline

1,2-diphenyl-1-dimethylaminoethane.HCl see lephetamine

1,2-diphenyl-3,5-dioxo-4-(3-hydroxybutyl)pyrazolidine see gamma-hydroxyphenylbutazone

diphenyleneiodonium
(RN) 244-54-2
(RR) 73519-09-2 (131I-labeled cpd)
(RR) 50425-59-7 (125I-labeled cpd sulfate[2:1])
(RR) 4510-83-2 (sulfate[2:1])
(HM) *ONIUM COMPOUNDS
(PA) ANTIDIABETICS
(NO) RN given refers to unlabeled parent cpd; structure

diphenylenimine see carbazole

diphenyl ether see phenyl ether

diphenylguanidine
(RN) 102-06-7
(RR) 52392-53-7 (HCl)
(RR) 24245-27-0 (mono-HCl)
(RR) 32514-47-9 (sulfate[2:1])
(SY) sym-diphenylguanidine
(HM) *GUANIDINES
(NO) vulcanization accelerator; RN given refers to parent cpd

sym-diphenylguanidine see diphenylguanidine

2,6-cis-diphenylhexamethylcyclotetrasiloxane see KABI-1774

1,1-diphenylhydrazine
(RN) 530-50-7
(RR) 530-47-2 (HCl)
(RR) 38622-18-3 (cpd with unspecified locants)
(RR) 530-47-2 (mono-HCl)
(HM) *PHENYLHYDRAZINES
(NO) RN given refers to parent cpd

1,2-diphenylhydrazine see hydrazobenzene

4-(diphenylimino)-1-(octylimino)methyl)piperidine see fenoctimine

1,3-diphenylisobenzofuran
(RN) 5471-63-6
(HM) *BENZOFURANS
(NO) quencher of singlet oxygen, inhibits arachidonic acid induced platelet aggregation

diphenylmethane diisocyanate see 4,4'-diphenylmethane diisocyanate

p,p'-diphenylmethane diisocyanate see 4,4'-diphenylmethane diisocyanate

4,4'-diphenylmethane diisocyanate
(RN) 101-68-8
(RR) 26447-40-5 (cpd with unspecifide locants)
(SY) 4,4'-methylenediphenyl diisocyanate
(SY) 4,4'-diisocyanatodiphenylmethane
(SY) diphenylmethane diisocyanate
(SY) p,p'-diphenylmethane diisocyanate
(HM) *CYANATES
(NO) request from searcher; RN given refers to cpd with specified locants; structure

1-(2-(diphenylmethoxy)ethyl)-4-(3-phenyl-2-propenyl) piperazine see GBR 12921

1-(2-(diphenylmethoxy)ethyl)-4-(3-phenylpropyl) piperazine see GBR 12935

4-diphenylmethoxy-1-methylpiperidine see diphenylpyraline

3-(diphenylmethylene)-1-ethylpyrrolidine see pridefine

4-(3-(4-diphenylmethyl-1-piperazinyl)-2-hydroxypropoxy)-1H-indole-2-carbonitrile see DPI 201-106

4-((4-(diphenylmethyl)-1-piperidinyl)methyl)-N,N-dimethylbenzamine see SC 30552

diphenylnitrosamine see N-nitrosodiphenylamine

diphenylolpropane see bisphenol A

2,5-diphenyloxazole hydroxylase
(RN) EC 1.14.99.-
(SY) PPO hydroxylase
(HM) *HYDROXYLASES

4,5-diphenyl-2-oxazolepropionic acid see oxaprozin

2,5-diphenyloxazole
(RN) 92-71-7
(HM) *OXAZOLES

N,N'-diphenyl-p-phenylenediamine see N,N'-diphenyl-4-phenylenediamine

N,N'-diphenyl-4-phenylenediamine
(RN) 74-31-7
(SY) DDPD
(SY) DPPD
(SY) N,N'-diphenyl-p-phenylenediamine
(HM) *PHENYLENEDIAMINES
(II) ANTIOXIDANTS
(NO) in veterinary medicine, has been used to prevent vitamin E deficiency in lambs; structure

1,2-diphenyl-4-(2-(phenylsulfonyl)ethyl-3,5-pyrazolidinedione see G 31442

1,2-diphenyl-4-(2-(phenylthio)ethyl)-3,5- pyrazolidinedione see G 25671

diphenylphosphorazidate
(RN) 26386-88-9
(HM) *AZIDES
(NO) reagent for racemization-free peptide synthesis; structure

diphenylphosphoric toluene-4-sulfonic anhydride
(SY) DPPTSA
(HM) *ORGANOTHIOPHOSPHORUS COMPOUNDS
(II) INDICATORS AND REAGENTS
(NO) structure given in first source

2,2-diphenyl-1-picrylhydrazyl
(RN) 1898-66-4
(HM) *HYDRAZINES
(II) INDICATORS AND REAGENTS

4,4-diphenyl-6-piperidino-3-heptanone see dipipanone

1,3-diphenylpropane
(RN) 1335-47-3
(HM) PROPANE/*analogs

2,2-diphenylpropanoic acid N,N-diethylaminoethyl ester see aprofen

2,2-diphenylpropanoic acid 3-quinuclidinyl ester see 3-quinuclidinyl 2,2-diphenylpropanoate

N-(3,3-diphenylpropyl)-alpha-methyl-beta-cyclohexylethylamine see droprenylamine

2,2-diphenylpropylamine-sepharose
(RN) 83381-67-3
(SY) DPPA-sepharose
(HM) SEPHAROSE/*analogs
(NO) affinity chromatography reagent for isolating luciferases

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3,3-diphenylpropylamine
(RN) 5586-73-2
(RR) 1019-05-2 (HCl)
(HM) *PROPYLAMINES
(NO) has antiextensor effect & worsens clonic seizure produced by pentylenetetrazole; RN given refers to parent cpd

1-(3,3-diphenylpropyl)amino-3-phenylthiopropane see thiopropamine

3-(3,3-diphenylpropylamino)propyl-3',4',5'-trimethoxybenzoate.HCl see mepramidil

1-(3,3-diphenylpropyl)hexamethyleneimine see prozapine

N-(3,3-diphenylpropyl)-N'-(1-methyl-2-phenylethyl)-1,3-propanediamine see KD-983

diphenylpyraline
(RN) 147-20-6
(RR) 132-18-3 (HCl)
(RR) 13997-24-5 (maleate[2:1])
(SY) lergobine
(SY) 4-diphenylmethoxy-1-methylpiperidine
(HM) *PIPERIDINES
(PA) ANTIHISTAMINICS
(NO) RN given refers to parent cpd; structure

3,4-diphenyl-1H-pyrazole-1-propanamine
(RN) 94483-87-1
(RR) 94483-89-3 (oxalate)
(RR) 94483-88-2 (fumarate)
(SY) 3,4-DPPA
(HM) *PYRAZOLES
(PA) ANTIDEPRESSIVE AGENTS
(NO) structure given in first source; RN given refers to parent cpd

4,4-diphenyl-1-tert-butylpiperidine hydrochloride see budipine

diphenylthiourea
(RN) 102-08-9
(HM) THIOUREA/*analogs

diphetarsone
(RN) 515-76-4
(SY) bemarsal
(SY) 1,2-di(4-arsonophenylamino)ethane decahydrate
(HM) *ARSENICALS
(PA) ANTIPROTOZOAL AGENTS
(NO) RN given refers to di-Na salt in Chemline; RN for parent cpd not in Chemline 8/4/83

diphezyl
(RN) 34987-38-7
(SY) G-472-b
(SY) difezil
(HM) *BIPHENYL COMPOUNDS
(PA) ANTHELMINTICS
(PA) ANTINEMATODAL AGENTS
(NO) Russian drug; structure

diphloretin phosphate
(RN) 39201-04-2
(HM) *POLYPHLORETIN PHOSPHATE
(PA) PROSTAGLANDIN ANTAGONISTS

N-(2,4-diphosphobenzyl)-1-amino-5-naphthalenesulfonic acid
(SY) DIPANS
(HM) *NAPHTHALENESULFONATES
(II) FLUORESCENT DYES

diphosphoglycerate phosphatase see bisphosphoglycerate phosphatase

1,3-diphosphoglycerate see glycerate 1,3-biphosphate

2,3-diphosphoglycerate
(RN) 138-81-8
(RR) 14438-19-8 ((D)-isomer)
(SY) 2,3-diphosphoglyceric acid
(SY) 2,3-bisphosphoglycerate
(SY) glycerate 2,3-bisphosphate
(SY) 2,3-DPG
(HM) *DIPHOSPHOGLYCERIC ACIDS
(NO) RN given refers to cpd without isomeric designation

2,3-diphosphoglyceric acid see 2,3-diphosphoglycerate

diphosphoinositide kinase
(RN) EC 2.7.1.68
(RR) 9032-61-5 (CRN)
(SY) 1-phosphatidylinositol 4-phosphokinase
(SY) phosphatidylinositolphosphate kinase
(SY) DPI kinase
(SY) phosphatidylinositol 4-phosphate kinase
(HM) *PHOSPHOTRANSFERASES, ATP

diphosphoinositides
(HM) *PHOSPHOINOSITIDES

5-diphosphomevalonic acid
(RN) 4872-34-8
(SY) mevalonate pyrophosphate
(HM) MEVALONIC ACID/*analogs
(NO) RN given refers to ion(1-)

diphthamide
(RN) 75645-22-6
(SY) 2-(3-carboxyamido-3-(trimethylammonio)propyl) histidine
(HM) HISTIDINE/*analogs
(NO) novel amino acid present in elongation factor 2; structure given in first source

diphtheria-streptococcus-hepatitis B-tetanus vaccine see polyvalent DSHT vaccine

diphtheria-tetanus-pertussis vaccine see DTP vaccine

diphtheria-tetanus-typhoid-paratyphoid vaccine see DTTAB vaccine

diphtheria-tetanus vaccine see DT vaccine

diphtheria toxin A chain see diphtheria toxin fragment A

diphtheria toxin fragment A
(SY) fragment A diphtheria toxin
(SY) diphtheria toxin A chain
(HM) *DIPHTHERIA TOXIN
(HM) *PEPTIDE FRAGMENTS

diphtheria toxin fragment B
(SY) fragment B diphtheria toxin
(SY) DTFB
(HM) *DIPHTHERIA TOXIN
(HM) PEPTIDE FRAGMENTS

diphtheria toxin receptor
(SY) diphtheria toxin receptors
(SY) receptor, diphtheria toxin
(SY) diptheria toxin receptor
(HM) *RECEPTORS, CHOLINERGIC
(II) DIPHTHERIA TOXIN
(II) MEMBRANE PROTEINS

diphtheria toxin receptors see diphtheria toxin receptor

diphtheria toxin-transferrin see transferrin-diphtheria toxin conjugate

1,2-diphytanoylphosphatidylcholine
(RN) 32448-32-1
(SY) 1,2-diphytanoyl-sn-glycero-3-phosphocholine
(HM) *PHOSPHATIDYLCHOLINES

1,2-diphytanoyl-sn-glycero-3-phosphocholine see 1,2-diphytanoylphosphatidylcholine

DIPI see 4',6-bis(2'imidazolinyl-4',5'-H)-2-phenylindole

dipicolinic acid
(RN) 499-83-2
(RR) 63450-91-9 (di-K salt)
(RR) 17956-40-0 (di-Na salt)
(RR) 6893-30-7 (Ca salt)
(RR) 4220-17-1 (mono-Na salt)
(SY) 2,6-pyridinedicarboxylate
(SY) 2,6-dicarboxypyridine
(SY) zinc dipicolinate
(HM) *PICOLINIC ACIDS
(NO) RN given refers to parent cpd

dipicrylaminate see dipicrylamine

dipicrylamine
(RN) 131-73-7
(RR) 5369-29-9 (K salt)
(SY) 2,4,6,2',4',6'-hexanitrodiphenylamine
(SY) dipicrylaminate
(HM) *PICRATES
(NO) RN given refers to parent cpd; structure

dipin
(RN) 738-99-8
(SY) dipine
(HM) *AZIRIDINES
(PA) ANTINEOPLASTIC AGENTS
(PA) MUTAGENS
(PA) ALKYLATING AGENTS
(NO) structure

dipine see dipin

dipipanone
(RN) 467-83-4
(RR) 856-87-1 (HCl)
(RR) 75950-47-9 (HCl(+-)-isomer)
(SY) 4,4-diphenyl-6-piperidino-3-heptanone
(HM) METHADONE/*analogs
(PA) ANALGESICS
(PA) ANALGESICS, ADDICTIVE
(NO) piperidyl analog of methadone where piperidino group replaces dimethylamino group; RN given refers to parent cpd without isomeric designation; structure

dipiperidinoethane
(RN) 1932-04-3
(RR) 32394-33-5 (dibromide)
(HM) *PIPERIDINES
(NO) RN given refers to parent cpd

dipiperidinoethane-di-N-oxide
(RN) 68601-52-5
(SY) DPE-di-N-oxide
(HM) *PIPERIDINES
(NO) oxidized neurotoxic dipiperidinoethane deriv; structure given in first source

dipiperon see pipamperone

dipivaloylepinephrine see dipivefrin

dipivaloylmethane
(RN) 1118-71-4
(SY) 2,2,6,6,-tetramethyl-3,5-heptanedione
(HM) *KETONES
(II) CHELATING AGENTS
(NO) chelating agent for cadmium; structure

dipivalyl epinephrine see dipivefrin

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dipivefrin
(RN) 52365-63-6
(RR) 42145-93-7 (HCl)
(RR) 64019-93-8 (HCl(+-)-isomer)
(RR) 60902-40-1 (perchlorate)
(RR) 81947-54-8 (propanoate(+-)-isomer)
(RR) 81947-53-7 (acetate(+-)-isomer)
(RR) 81947-50-4 (monophosphate(+-)-isomer)
(RR) 81947-49-1 (monosulfate(+-)-isomer)
(RR) 81947-48-0 (nitrate(+-)-isomer)
(RR) 56298-24-9 ((R)-isomer)
(RR) 81947-52-6
(tartrate[1:1](+-)-(R-(R*,R*))-isomer)
(RR) 67262-85-5 (tartrate[1:1](R)-(R-(R*,R*))-isomer)
(RR) 81947-51-5 (citrate[1:1](+-)-isomer)
(SY) dipivaloylepinephrine
(SY) adrenalindipivalat
(SY) dipivalyl epinephrine
(SY) propine
(HM) EPINEPHRINE/*analogs
(NO) used in treatment of both primary & open angle glaucoma; RN given refers to (+-)-isomer; RN for cpd without isomeric designation not in Chemline 7/28/83

diplacin
(RN) 19918-85-5
(SY) diplatsin
(SY) diplacine
(HM) *PYRROLIZIDINE ALKALOIDS
(PA) CURARE-LIKE AGENTS
(PA) NEUROMUSCULAR DEPOLARIZING AGENTS
(NO) RN given refers to dichloride; RN for parent cpd not in Chemline 7/84; structure

diplacine see diplacin

diplatsin see diplacin

diplococcin
(HM) *BACTERIOCINS
(II) STREPTOCOCCUS
(NO) produced by Streptococcus cremoris

dipotassium chromate see potassium chromate(VI)

dipotassium-meso-a,a-disulfo-3,4-diphenylhexane see sigetin

dipotassium hydrogen phosphate see potassium phosphate

dipotassium magnesium dioxalate
(RN) 65877-79-4
(SY) dipotassium magnesium dioxalate dihydrate
(HM) *OXALATES
(PA) ANTI-ARRHYTHMIA AGENTS
(II) PLANT EXTRACTS
(NO) from aqueous extract of Curcuma aromatica Salisb. & Cufcuma aromatica Salisb.; structure given in first source

dipotassium magnesium dioxalate dihydrate see dipotassium magnesium dioxalate

dipotassium sulfate see potassium sulfate

dipotassium tetrachloropalladate see tetrachloropalladium

dipotassium tetrachloroplatinate see tetrachloroplatinate

1,3-diPP see 1,3-di-(1-pyrenyl)propane

diprivan see diisoprofol

diprobutine
(RN) 61822-36-4
(SY) 1,1,1,-tripropylmethylamine
(SY) 1,1-dipropylbutylamine
(HM) *BUTYLAMINES
(PA) ANTIPARKINSON AGENTS
(NO) structure given in USAN

diproform
(RN) 93281-21-1
(HM) *IODOCHLORHYDROXYQUIN
(HM) BETAMETHASONE/*analogs
(HM) DRUG COMBINATIONS
(II) GLUCOCORTICOIDS, TOPICAL
(II) OINTMENTS
(NO) combination of iodochlorhydroxyquin & betamethasone dipropionate

diprolene see betamethasone-17,21-dipropionate

Diprophos
(RN) 63211-75-6
(SY) betamethasone depot
(HM) BETAMETHASONE/*analogs
(HM) DRUG COMBINATIONS
(PA) BRONCHODILATOR AGENTS
(II) DELAYED-ACTION PREPARATIONS
(NO) local coricosteroid therapeutic; may be other preparations with name "betamethasone depot"; each 1ml injectable contains betamethasone dipropionate 5mg, & betamethasone sodium phosphate 2mg

dipropionyl rhein see rhein

dipropylacetamide
(RN) 2430-27-5
(SY) Depamide
(SY) valproic acid amide
(SY) valpromide
(HM) *VALPROATE/analogs
(PA) ANTICONVULSANTS
(NO) structure

N,N-dipropyl-5,6-ADTN see 2-(N,N-dipropyl)amino-5,6-dihydroxytetralin

N,N-dipropyl-6,7-ADTN see 2-(N,N-dipropyl)amino-6,7-dihydroxytetralin

2-(N,N-dipropyl)amino-5,6-dihydroxytetralin
(RN) 64309-39-3
(RR) 55218-14-9 (HCl)
(RR) 58349-10-3 (HCl(+-)-isomer)
(RR) 62421-54-9 (HBr)
(RR) 72189-85-6 ((+-)-isomer)
(RR) 82730-71-0 ((S)-isomer)
(RR) 82730-70-9 ((R)-isomer)
(SY) N,N-dipropyl-5,6-ADTN
(SY) 5,6-dihydroxy-2-N,N-dipropylaminotetralin
(SY) TL 102 (pharmaceutical)
(HM) *TETRAHYDRONAPHTHALENES
(NO) RN given refers to parent cpd without isomeric designation

2-(N,N-dipropyl)amino-6,7-dihydroxytetralin
(RN) 66185-60-2
(RR) 62421-17-4 (HBr)
(SY) N,N-dipropyl-6,7-ADTN
(SY) 6,7-dihydroxy-2-N,N-dipropylaminotetralin
(HM) *TETRAHYDRONAPHTHALENES
(NO) RN given refers to parent cpd

2-N,N-di-n-propylamino-4,7-dimethoxyindan see RDS 127

2-di-n-propylamino-5,8-dimethoxytetralin see JMC 181

4-(2-di-N-propylaminoethyl)indole
(RN) 76149-15-0
(RR) 76149-16-1 (butenedioate salt(E)-isomer)
(SY) 4-DPAEI
(HM) *INDOLES
(NO) stimulates presynaptic dopamine autoreceptors; RN given refers to parent cpd; structure given in first source

1,1-dipropylbutylamine see diprobutine

N,N-di-n-propyldopamine
(RN) 66185-61-3
(RR) 67482-71-7 (HCl)
(RR) 67482-66-0 (HI)
(RR) 65273-66-7 (HBr)
(SY) DPDA
(HM) DOPAMINE/*analogs
(PA) ANTIHYPERTENSIVE AGENTS
(NO) RN given refers to parent cpd

dipropylene glycol monomethyl ether
(RN) 34590-94-8
(SY) Dowanol DPM
(SY) DPGME
(HM) *PROPANEDIOLS

dipropylglycine
(RN) 2566-31-6
(SY) 2-amino-2-propylpentanoic acid
(HM) VALINE/*analogs

N,N-dipropyl-5-hydroxy-6-methyl-2-aminotetralin see DK-118

dipropylnitrosamine see N-nitroso(di-n-propyl)amine

3,3'-dipropyloxadicarbocyanine iodide see 3,3'-dipropyloxadicarbocyanine

3,3'-dipropyloxadicarbocyanine
(RN) 53213-90-4
(SY) diO C3-(5)
(SY) 3,3'-dipropyloxadicarbocyanine iodide
(HM) *CARBOCYANINES
(II) FLUORESCENT DYES
(NO) RN given refers to iodide; RN for parent cpd not in Chemline 7/28/83

3,3'-dipropylthiacarbocyanine iodide see 3,3'-dipropyl-2,2'-thiadicarbocyanine

3,3'-dipropyl-2,2'-thiadicarbocyanine
(RN) 53213-94-8
(RR) 73962-50-2 (thiocyanate)
(RR) 62008-59-7 (chloride)
(SY) 3,3'-dipropylthiacarbocyanine iodide
(SY) DPTDCI
(SY) 3,3'-dipropylthiodicarbocyanine iodide
(SY) diS C3-(5)
(SY) diS-C3-(5)
(HM) *CARBOCYANINES
(II) DYES
(II) FLUORESCENT DYES
(NO) potent inhibitor of endogenous respiration of Ehrlich ascites tumor cells; RN given refers to iodide; RN for parent cpd not in Chemline 10/24/83; structure

3,3'-dipropylthiodicarbocyanine iodide see 3,3'-dipropyl-2,2'-thiadicarbocyanine

diprosalic
(RN) 92502-72-2
(HM) BETAMETHASONE/*analogs
(HM) *SALICYLIC ACIDS
(HM) DRUG COMBINATIONS
(II) DERMATOLOGIC AGENTS
(NO) contains betamethasone dipropionate & salicylic acid

diprosone see betamethasone-17,21-dipropionate

diprotin A
(RN) 90614-48-5
(SY) isoleucyl-prolyl-isoleucine
(SY) Ile-Pro-Ile
(HM) *OLIGOPEPTIDES
(PA) DIPEPTIDYL PEPTIDASES/antag
(NO) from Bacillus cereus BMF673-RF1; structure given in first source

diprotin B
(RN) 90614-49-6
(SY) valyl-prolyl-leucine
(SY) Val-Pro-Leu
(HM) *OLIGOPEPTIDES
(NO) from Bacillus cereus BMF673-RF1; structure given in first source

N,N-dipropylnitrosamine see N-nitroso(di-n-propyl)amine

diptheria toxin receptor see diphtheria toxin receptor

DIP-thrombin see diisopropylphosphoryl-thrombin

DIPTP see
3-deoxy-1,2-O-isopropylidene-5-O-4-tolylsulfonyl-beta pentofuranose

dipyrandium
(RN) 33235-64-2
(RR) 33886-87-2 (dichloride(3beta,17beta)-isomer)
(RR) 13962-54-4
(diiodide(3alpha,5alpha,17beta)-isomer)
(RR) 13943-64-1 (diiodide(3beta,5beta,17beta)-isomer)
(RR) 13932-41-7
(diiodide(3beta,5alpha,17alpha)-isomer)
(RR) 13861-15-9
(diiodide(3alpha,5beta,17alpha)-isomer)
(RR) 13861-14-8 (diiodide(3alpha,5beta,17beta)-isomer)
(RR) 13861-13-7
(diiodide(3alpha,5alpha,17alpha)-isomer)
(RR) 13861-12-6 (diiodide(3beta,5beta,17alpha)-isomer)
(RR) 3841-16-5 (diiodide(3beta,5alpha,17beta)-isomer)
(RR) 297-93-8 (dichloride(3beta,5alpha,17beta)-isomer)
(SY) 3 beta,17 beta-di-(1-pyrrolidinyl)-5 alpha-androstane
(HM) *PYRROLIDINES
(PA) CURARE-LIKE AGENTS
(NO) RN given is from CA online & refers to (3beta,17beta)-isomer; cpd not in Chemline 8/4/83; structure

1,3-dipyrenylpropane see 1,3-di-(1-pyrenyl)propane

1,3-di-(1-pyrenyl)propane
(RN) 61549-24-4
(SY) DPYP
(SY) Py(CH2)3Py
(SY) 1,3-dipyrenylpropane
(SY) 1,3-diPP
(HM) *PYRENES
(II) INDICATORS AND REAGENTS
(II) FLUORESCENT DYES
(NO) intramolecular eximer probe

4,4'-dipyridine disulfide see 4,4'-dipyridyl disulfide

di(2-pyridyl)-N,N-di((8-quinolyl)amino) methane
(RN) 82358-78-9
(SY) DPQAM
(HM) *2,2'-DIPYRIDYL/analogs
(II) IRON CHELATES
(NO) reagent for determination of iron in blood

2,2'-dipyridyl disulfide
(RN) 2127-03-9
(SY) 2,2'-dithiopyridine
(SY) 2,2-dithiobispyridine
(SY) 2,2-PDS
(HM) *2,2'-DIPYRIDYL/analogs
(II) SULFHYDRYL REAGENTS
(NO) disulfide is an important moiety in this cpd

3,3'-dipyridyl disulfide
(RN) 538-45-4
(SY) 3,3'-dithiodipyridine
(HM) *PYRIDINES
(NO) RN given is for di-HCl; RN for parent cpd not in Chemline 7/29/83; structure

4,4'-dipyridyl disulfide
(RN) 2645-22-9
(SY) 4,4'-dithiodipyridine
(SY) 4,4'-dithiopyridine
(SY) 4,4'-dipyridine disulfide
(HM) *PYRIDINES
(II) SULFHYDRYL REAGENTS

4,4'-dipyridyl see 4,4'-bipyridyl

dipyrithione
(RN) 3696-28-4
(SY) omadine MDS
(SY) dipyrithione magnesium sulfate
(SY) bis(2-pyridyl-1-oxide)disulfide magnesium sulfate
(SY) 2,2'-dithio-bis-pyridine-1-oxide magnesium sulfate
(SY) omadine disulfide
(HM) *PYRIDINES
(PA) ANTI-INFECTIVE AGENTS
(II) DERMATOLOGIC AGENTS
(NO) structure

dipyrithione magnesium sulfate see dipyrithione

1,2-diradyl-3-phosphatidylcholine see
1,2-diarachidonoyl-glycero-3-phosphocholine

1,2-diradyl-3-phosphatidylethanolamine see
1,2-diarachidonoyl-glycero-3-phosphoethanolamine

Dirax see alpha-naphthyl thiourea

direct black 3
(RN) 1937-37-7
(SY) direct black 38
(SY) direct deep black extra
(SY) chlorazol black E
(HM) *AZO COMPOUNDS
(PA) CARCINOGENS
(II) DYES

direct black 38 see direct black 3

direct blue 15
(RN) 2429-74-5
(RR) 71550-22-6 (tetra-Li salt)
(RR) 68966-50-7 (unspecified Na salt)
(HM) *AZO COMPOUNDS
(II) DYES
(NO) RN given refers to tetra-Na salt; RN for parent cpd not in Chemline 7/29/83

direct blue 6
(RN) 2602-46-2
(HM) *AZO COMPOUNDS
(PA) CARCINOGENS
(II) DYES

direct brown 95
(RN) 16071-86-6
(HM) *AZO COMPOUNDS
(PA) CARCINOGENS
(II) DYES

direct deep black extra see direct black 3

direct red 2 see benzopurpurine 4B

direct red 80 see C.I. direct red 80

dirian see bromtianide

dironyl
(RN) 37686-84-3
(RR) 37686-85-4 (maleate[1:1])
(SY) VUFB 6638
(SY) N-(D-6-methyl-8-isoergolin-1-yl)-N',N'-diethylurea
(SY) transdihydrolisuride
(SY) terguride
(HM) *LISURIDE/analogs
(NO) pronounced antifertility agent in rats; lactation suppressor in other species; serotonin antagonist; RN given refers to parent cpd; structure

disalcid see salicylsalicylic acid

disalicylic acid see salicylsalicylic acid

disaturated lecithin see lecithins, disaturated

disaturated phosphatidylcholine see lecithins, disaturated

discadenine
(RN) 62061-49-8
(SY) 3-(3-amino-3-carboxypropyl)-N(6)-delta(2)-isopentenyl-adenine
(HM) ADENINE/*analogs
(NO) spore germination inhibitor of slime mold Dictyostelium discoideum; RN given refers to (S)-isomer; RN for cpd without isomeric designation not in Chemline 7/84; structure given in second source

discadenine synthetase
(RN) EC 2.-
(HM) *TRANSFERASES
(NO) synthesized from isopentenyladenine by transfer of 3-amino-3-carboxypropyl group from S adenosylmethionine (Dictyostelium discoideum)

Dis-ciall see 4,4'-oxydi-2-butanol

discodermin A
(HM) *PEPTIDES
(NO) tetradecapeptide isolated from marine sponge, Discodermia kiiensis; amino acid sequence given in first source

discoidal lipoproteins
(SY) lipoproteins, discoidal
(HM) *LIPOPROTEINS
(NO) abnormal high density lipoproteins found in plasma of patients with lecithin-cholesterol acyl transferase deficiency & cholestasis; deficient in core lipids, discoidal in shape & apo-E rich

D. discoideum protease I see Dictyostelium discoideum proteinase I

discoidin-binding polysaccharide
(SY) DBPS
(HM) *POLYSACCHARIDES
(II) DICTYOSTELIUM
(NO) polysaccharide of galactose, N-acetylgalactosamine, glucose & N-acetylglucosamine

discoidin-I see discoidins

discoidin-II see discoidins

discoidin receptor
(SY) receptor, discoidin I cell binding site
(SY) discoidin receptors
(HM) *RECEPTORS, MITOGEN
(NO) developmentally regulated cell surface glycoprotein of apparent MW 67,000; distinct from carbohydrate binding site

discoidin receptors see discoidin receptor

discoidins
(SY) discoidin-I
(SY) discoidin-II
(SY) discoidins (I & II)
(HM) *FUNGAL PROTEINS
(II) CARRIER PROTEINS
(II) LECTINS
(II) DICTYOSTELIUM
(NO) carbohydrate-binding protein isolectins from Dictyostelium discoideum

discoidins (I & II) see discoidins

diS-C3-(5) see 3,3'-dipropyl-2,2'-thiadicarbocyanine

diS C3-(5) see 3,3'-dipropyl-2,2'-thiadicarbocyanine

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2,?-di-se?-butoxyacetophenone
(RN) 66?09-57-9
(SY) 2,2-OBAP
(HM) *?CETOPHENONES
(PA) CARCINOGENS

6,6'-disel?nobis-(3-nitrobenzoic acid)
(RN) 80?92-68-3
(SY) DS?NB
(HM) *DITHIONITROBENZOIC ACID/analogs
(II) SULFHYDRYL REAGENTS
(NO) selenium analog of Ellman's reagent

dis?alogan?gliosides
(HM) *GANGLIOSIDES
(NO) includes G(2a) ganglioside, GD(1a) ganglioside

dis?alo-la?cto-N-norhexaosyl ceramide
(SY) DS?NHC
(HM) *GANGLIOSIDES
(NO) structure given in first source

disialosyllactosylceramide see ganglioside, GD3

disialosylneolactotetraosylceramide
(SY) DSNLTC
(SY) NeuAc(2-8)NeuGc(2-3)Gal(1-4)GlcNAc(1-3)Gal(1-4)Glc-Cer
(HM) *GANGLIOSIDES
(NO) from embryonic chicken brain

disialyl-?N-tetraose
(HM) *OLIGOSACCHARIDES
(NO) found in Golgi apparatus

DISIDA see technetium Tc 99m disofenin

disilver oxide
(RN) 20667-12-3
(RR) 11113-88-5 (cpd with unspecified MF)
(SY) silver oxide
(SY) AG2O
(HM) *SILVER
(HM) *OXIDES

diskilene
(RN) 76403-97-9
(HM) *ETHERS
(HM) *METOCLOPRAMIDE
(HM) *PEPSIN
(HM) *PANCREATIN
(HM) *SILICONES
(HM) DRUG COMBINATIONS
(PA) GASTROINTESTINAL AGENTS
(NO) gastrointestinal agent combination of dihydroxydibutylether, metoclopramide, pepsin, pancreatin, & dimethylpolysiloxane

disodium acid phosphate see sodium phosphate

disodium azodisalicylate see azodisalicylate

disodium baicalein phosphate see baicalein phosphate

disodium 6beta-(2-carboxy-2-thien-3-ylacetamido)-6alpha-methoxypenicillanate see temocillin

disodium 4-chloro-2,2'-iminodibenzoate see lobenzarit

disodium cromoglycate binding protein see cromolyn binding protein

disodium 2,2'-dithio-bis-ethane sulfonate see 2,2'-dithiodiethanesulfonic acid

disodium fluorescein see fluorescein

disodium hexachloroplatinate
(RN) 16923-58-3
(RR) 1307-82-0 (tetrahydrate)
(SY) hexachloroplatinate disodium
(HM) CISPLATIN/*analogs
(NO) inhalation causes pulmonary hyperreactivity

disodium (hydroxymethylene)diphosphonate see hydroxymethanediphosphonic acid

disodium methanediphosphonate see methylene diphosphonate

disodium methane hydroxy-diphosphonate see hydroxymethanediphosphonic acid

disodium methane-1-hydroxy-1,1-diphosphonate see hydroxymethanediphosphonic acid

disodium phosphate see sodium phosphate

disodium selenate see sodium selenate

disodium tetrachloropalladate see tetrachloropalladium

disofenin see technetium Tc 99m disofenin

disophenol
(RN) 305-85-1
(SY) syngamix
(SY) Anevlol
(HM) *NITROPHENOLS
(PA) ANTHELMINTICS
(PA) ANTINEMATODAL AGENTS
(NO) structure

disophrol see dexbrompheniramine

disoprofol
(RN) 2078-54-8
(SY) I.C.I 35868
(SY) diprivan
(SY) 2,6-diisopropylphenol
(SY) ICI 35868
(SY) ICI-35868
(SY) propofol
(HM) *PHENOLS
(PA) ANESTHETICS
(NO) structure

disopyramide phosphate
(RN) 22059-60-5
(RR) 87367-29-1 (tartrate[1:1](S)-(R-(R*,R*))-isomer)
(RR) 87367-28-0 (tartrate[1:1](R)-(R-(R*,R*))-isomer)
(RR) 79200-59-2 (phosphate[1:1](R)-isomer)
(RR) 79200-58-1 (phosphate[1:1](S)-isomer)
(RR) 79190-73-1 (phosphate[1:1](+-)-isomer)
(RR) 74497-00-0 (tartrate[1:1](S)-(S-(R*,R*))-isomer)
(RR) 74464-84-9 ((S)-isomer)
(RR) 74464-83-8 ((R)-isomer)
(RR) 74427-46-6 (tartrate[1:2](+-)-(R-(R*,R*))-isomer)
(RR) 74427-45-5 ((+-)-isomer)
(RR) 54687-36-4 (mono-HCl)
(SY) Norpace
(HM) DISOPYRAMIDE/*analogs
(NO) see also record for parent cpd DISOPYRAMIDE

Disotat see diisopropylamine

dispase
(RN) EC 3.4.99.-
(SY) Bacterial neutral protease
(SY) dispase II
(SY) dispase I
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) from Bacillus polymyxa; dispase II is specific for Leu-Phe bonds

dispase I see dispase

dispase II see dispase

Dispersalloy
(RN) 39323-76-7
(HM) *DENTAL ALLOYS
(II) DENTAL AMALGAM
(NO) silver alloy containing also Cu, Sn & Zn; used for posterior dental restorations

disperse fast yellow 4K
(RN) 6300-37-4
(HM) *AZO COMPOUNDS
(II) DYES

Disperse Orange 3
(RN) 730-40-5
(SY) D Orange 3
(SY) Serisol Fast Orange GD
(SY) Dispersion Orange 3
(HM) *AZO COMPOUNDS
(II) DYES

disperse red 9
(RN) 82-38-2
(HM) *ANTHRAQUINONES
(II) DYES

Disperse Yellow 3 see Dispersion Yellow 3

Dispersion Orange 3 see Disperse Orange 3

Dispersion Yellow 3
(RN) 2832-40-8
(SY) D Yellow 3
(SY) Serisol Fast Yellow GD
(SY) Disperse Yellow 3
(HM) *AZO COMPOUNDS
(PA) MUTAGENS
(II) DYES
(NO) used in carpet industry; river pollutant

disproportionating enzyme see 4 alpha-glucanotransferase

dissimilatory nitrite reductase see Pseudomonas cytochrome oxidase

distalgesic
(RN) 39400-85-6
(SY) darvocet-N
(SY) diantalvic
(HM) *PROPOXYPHENE
(HM) *ACETAMINOPHEN
(HM) DRUG COMBINATIONS
(NO) RN is for mixture of propoxyphene.HCl & paracetamol; searcher's request

distal retinal pigment hormone see melanophore-dispersing hormone

distamycin A
(RN) 636-47-5
(RR) 6576-51-8 (mono-HCl)
(HM) *DISTAMYCINS
(NO) RN given refers to parent cpd

distamycin-EDTA-iron(II)
(SY) D-EDTA-Fe
(HM) *EDTA
(HM) *DISTAMYCINS
(HM) *IRON
(II) IRON CHELATES
(NO) complex of distamycin, EDTA & iron; degrades DNA

distearoyl-L-phosphatidylethanolamine see 1,2-distearoylphosphatidylethanolamine

1,2–distearoyllecithin
(RN) 4539-70-2
(RR) 66701-63-1 ((S)-isomer)
(RR) 816-94-4 ((R)-isomer)
(RR) 816-93-3 ((+-)-isomer)
(SY) 1,2-distearoyl-sn-glycero-3-phosphocholine
(SY) distearoylphosphatidylcholine
(HM) *PHOSPHATIDYLCHOLINES
(NO) RN given refers to cpd without isomeric designation

distearoylphosphatidylcholine see 1,2-distearoyllecithin

1,2–distearoylphosphatidylethanolamine
(RN) 4537-76-2
(RR) 61177-32-0 ((S)-isomer)
(RR) 5683-47-6 ((+-)-isomer)
(RR) 1069-79-0 ((R)-isomer)
(SY) distearoly-L-phosphatidylethanolamine
(SY) DSPE
(HM) *PHOSPHATIDYLETHANOLAMINES
(NO) RN given refers to cpd without isomeric designation

1,2-distearoyl-sn-glycero-3-phosphocholine see 1,2-distearoyllecithin

disuccinimidyl suberate
(RN) 76403-92-4
(HM) *SUCCINIMIDES
(NO) used as protein cross-linking agent

disuccinimidyl tartarate
(RN) 62069-75-[illegible]
(HM) *SUCCINIMIDES
(II) CROSS-LINKING REAGENTS
(NO) RN given refers to (R-(R*,R*)-isomer); structure

3,4–disuccinyl 1,2-5,6- dianhydrogalactitol
(RN) 66913-57-3
(SY) 1,2-5,6-dianhydrogalactitol bis(hydrogen butanedioate)
(HM) *DIANHYDROGALACTITOL/analogs
(PA) ANTINEOPLASTIC AGENTS
(NO) structure given in first source

disulfanilamide
(RN) 6402-89-7
(SY) disulon
(SY) sulfanilylsulfanilamide
(HM) *SULFANILAMIDES
(NO) structure

disulfide exchange enzyme see protein disulfide-isomerase

disulfide interchange enzyme see protein disulfide-isomerase

disulfide reductase (NADH)
(RN) EC 1.6.4.-
(HM) *NADH, NADPH OXIDOREDUCTASES
(NO) specific for disulfides containing pantethine 4',4''-diphosphate moieties

disulfine blue see patent blue violet

2,2'–disulfohexanoic acid
(RN) 22414-91-1
(RR) 22414-93-3 (Ca salt[1:1])
(SY) calcium-2,2'-disulfohexanoate
(SY) Lipexal Berna
(SY) ES 914
(SY) alpha,alpha-dithiocaproic acid
(HM) *HEXANOIC ACIDS
(NO) used therapeutically in chronic hepatitis; RN given refers to parent cpd; structure

disulfosuccinimidyl suberate see bis(sulfosuccinimidyl)suberate

disulon see disulfanilamide

disulphine blue see patent blue violet

DITA
(RN) 36066-03-2
(RR) 33983-16-3 (mono-HBr)
(HM) *ACETOPHENONES
(PA) APPETITE DEPRESSANTS
(NO) RN given refers to parent cpd; structure

ditaine see echitamine

5–DITB see 5'-deoxy-5-iodotubercidin

diterc.linium
(RN) 74517-42-3
(RR) 80145-12-6 (HCl)
(RR) 72250-86-3 (acetate)
(SY) NSC 335153
(SY) NSC-335153
(SY) ditercalinium chloride
(HM) *CARBAZOLES
(PA) ANTINEOPLASTIC AGENTS
(II) INTERCALATING AGENTS
(NO) structure given in first source; RN given refers to chloride; RN for parent cpd not in Chemline 10/84

ditercalinium chloride see ditercalinium

di–tert–butyl glutamate
(RN) 16874-06-9
(RR) 32677-01-3 (HCl(L)-isomer
(SY) glutamic acid di-tert-butyl ester
(SY) GTBE
(HM) *GLUTAMATES
(PA) CONVULSANTS
(NO) RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 10/85; structure given in first source

2,6–di–tert–butyl–4–hydroperoxy–4–methyl– 2,5–cyclohexadienone
(RN) 6485-57-0
(SY) BOOH
(HM) *PEROXIDES
(HM) *BUTYLATED HYDROXYTOLUENE/analogs
(NO) derived from butylated hydroxytoluene; structure given in first source

2,5–di–tert–butylhydroquinone
(RN) 88-58-4
(SY) 2,5-di-t-butylquinol
(HM) *HYDROQUINONES
(II) ANTIOXIDANTS

3,5–di–tert–butyl–4–hydroxybenzylidenemalononitrile see SF 6847

2,6–di–tert–butyl–4–hydroxy–4–methyl–2,5– cyclohexadien–1–one
(RN) 10396-80-2
(SY) BHT-OH
(HM) BUTYLATED HYDROXYTOLUENE/*analogs

3,5–di–tert–butyl–4–hydroxytoluene
(RN) 950-56-1
(RR) 36631-28-4 (cpd with unspecified locants)
(RR) 31194-40-8 (cpd with unspecified locants)
(RR) 25377-21-3 (cpd with unspecified locants)
(HM) BUTYLATED HYDROXYTOLUENE/*analogs
(II) ANTIOXIDANTS

2,6–di–tert–butyl–4–methylene–2,5–cyclohexadienone
(RN) 2607-52-5
(SY) BHT-quinone methide
(SY) BHT-QM
(HM) *CYCLOHEXANONES
(NO) metabolite of butylated hydroxytoluene; structure given in first source

2,6–di–tert–butylphenol
(RN) 128-39-2
(RR) 24676-69-5 (K salt)
(RR) 7175-96-4 (Na salt)
(RR) 26746-38-3 (cpd with unspecified locants)
(SY) 2,6-di-t-butylphenol
(SY) 2,6-bis(tert-butyl)phenol
(HM) *PHENOLS
(NO) RN given refers to parent cpd

2,6–di–tert–butyl–4–(2'–thenoyl)phenol see R 830

6,6'–di–O–tetradecyl–3–hydroxyoctadecanoyl– alpha, alpha trehalose see C76

2,5–DITF see 2,5–di–(2'–thienyl)furan

dithane M–45
(RN) 39400-84-5
(SY) manzidan
(HM) *ZINEB/analogs
(HM) *MANEB/analogs
(NO) coordination product of zinc ion & manganese ethylene bis dithiocarbamate

1,4–dithiaanthraquinone–2,3–dicarbonitrile see dithianone

1,6–dithiabenz(3,4)estra–3,5(10),8,14–tetraen–17–one
(RN) 87303-94-4
(SY) 1,6-DETO
(HM) *ESTRENES
(HM) *STEROIDS, HETEROCYCLIC
(NO) structure given in first source

1,6–dithiabenz(3,4)homoestra–3,5(10),8,14–tetraen–17–one
(RN) 87240-82-2
(SY) 1,6-DHETO
(HM) *ESTRENES
(HM) *STEROIDS, HETEROCYCLIC
(NO) structure given in first source

dithiaden see dithiadene

dithiadene
(RN) 5802-61-9
(RR) 51350-48-2 (sulfate[1:1])
(RR) 42504-84-7 ((Z)-isomer)
(RR) 42504-83-6 ((E)-isomer)
(RR) 1154-12-7 (HCl)
(SY) dithiaden
(HM) *BENZOTHIEPINS
(NO) minor descriptor (75-85); on-line & Index Medicus search DIBENZOTHIEPINS (69-74) & BENZOTHIEPINS (75-85); RN given refers to parent cpd without isomeric designation

dithianone
(RN) 3347-22-6
(SY) 1,4-dithiaanthraquinone-2,3-dicarbonitrile
(SY) 2,3-dinitrilo-1,4-dithia-9,10-anthraquinone
(SY) delan
(HM) *ANTHRAQUINONES
(PA) ANTINEOPLASTIC AGENTS
(PA) FUNGICIDES, INDUSTRIAL
(NO) structure

(1–(3,3–di(thien–3–ylallyl)amino)ethyl)benzyl alcohol see tinofedrine

2,5–di–(2'–thienyl)furan
(SY) 2,5-DiTF
(HM) *THIOPHENES
(NO) analog of terthienyl; structure given in first source

3–(di–2–thienylmethylene)–5–methyl–trans– quinolizidinium bromide see HSR 902

2,5–di–(2'–thienyl)selenophene
(SY) 2,5–DiTS
(HM) *THIOPHENES
(HM) *SELENIUM
(NO) analog of terthienyl; structure given in first source

2,2–dithiobis(N–((1–adamantyl)methyl)acetamide).HCl see 2,2–dithiobis(N–((1–adamantyl)methyl)acetamide

2,2–dithiobis(N–((1–adamantyl)methyl) acetamide
(RN) 37764–44–6
(RR) 64059–02–5 (di–HCl.hemihydrate)
(SY) S 75
(SY) 2,2–dithiobis(N–((1–adamantyl)methyl)acetamide).HCl
(HM) ADAMANTANE/*analogs
(PA) RADIATION–PROTECTIVE AGENTS
(NO) RN given refers to di–HCl; RN for parent cpd not in Chemline 7/29/83

2,2–dithiobis(4,6–dichlorophenol)
(RN) 57548–07–9
(SY) DTBDCP
(HM) *CHLOROPHENOLS

N,N'–(dithiobis(2–(2–hydroxyethyl)–1–methylvinylene)) bis(N–((4–amino–2–methyl–5–pyrimidinyl)–methyl) formamide) see thiamine disulfide

2,2'–dithiobis(N–2–hydroxypropylbenzamide) see KF 4939

4,4'–(dithiobis(methylene))bis(5–ethenyl–2–methyl–3–pyridinol) see JPC 80

2,2'–dithiobis(5–nitropyridine)
(RN) 2127–10–8
(SY) 2,2–DNP
(HM) *PYRIDINES
(II) SULFHYDRYL REAGENTS
(NO) structure

4,4'–dithiobis(phenylazide)
(RN) 37434–06–3
(HM) *AZIDES
(II) CROSS–LINKING REAGENTS
(NO) RN given refers to cpd with unspecified locants

dithiobispropionimidate
(RN) 1002–19–3
(HM) *IMIDOESTERS
(II) CROSS–LINKING REAGENTS

2,2'–dithio–bis–pyridine–1–oxide magnesium sulfate see dipyrithione

2,2–dithiobispyridine see 2,2'–dipyridyl disulfide

dithiobis(succinimidylpropionate)
(RN) 57757–57–0
(RR) 60033–97–8 (35S–labeled cpd)
(SY) dithiobis(succinimidyl–propionate)
(SY) DTBSP
(SY) 3,3'–dithiodipropionic acid disuccinimide ester
(HM) *SUCCINIMIDES
(II) INDICATORS AND REAGENTS
(II) CROSS–LINKING REAGENTS
(NO) used to study interactions of murine tumor virus structural proteins; RN given refers to unlabeled cpd; structure

dithiobis(succinimidyl–propionate) see dithiobis(succinimidylpropionate)

3,3'–dithiobis(sulfosuccinimidyl propionate)
(RN) 81069–02–5
(SY) DTBSSP
(HM) *SUCCINIMIDES
(II) CROSS–LINKING REAGENTS
(NO) structure given in first source

2,4–dithiobiuret
(RN) 541–53–7
(HM) THIOUREA/*analogs
(NO) structure

2,2'–dithiodiethanesulfonic acid
(RN) 45127–11–5
(RR) 16208–51–8 (di–Na salt)
(RR) 53501–92–1 (NH4 salt)
(SY) dimesna
(SY) disodium 2,2'–dithio–bis–ethane sulfonate
(HM) 2–MERCAPTOETHANESULFONATE/*analogs
(NO) RN given refers to parent cpd

6,6'–dithiodinicotinic acid
(RN) 15658–35–2
(RR) 35879–52–8 (Na salt)
(SY) carboxypyridine disulfide
(HM) *NICOTINIC ACIDS
(PA) ANTINEOPLASTIC AGENTS
(II) SULFHYDRYL REAGENTS
(NO) RN given refers to parent cpd; structure

3,3'–dithiodipropionic acid disuccinimide ester see dithiobis(succinimidylpropionate)

3,3'–dithiodipyridine see 3,3'–dipyridyl disulfide

4,4'–dithiodipyridine see 4,4'–dipyridyl disulfide

N,N''–(dithio–2,1–ethanediyl)bis(N'–(pyrrol–2–ylmethyl)–1,6–hexanediamine) see pyrextramine

dithiol
(RN) 496–74–2
(SY) toluene–3,4–dithiol
(HM) TOLUENE/*analogs
(NO) structure

1,2–dithiolane–3–valeramide see lipoamide

1,3–dithiolane
(RN) 4829–04–3
(HM) *HETEROCYCLIC COMPOUNDS

dithiomolybdate see dithiomolybdic acid

dithiomolybdic acid
(RN) 16608–22–3
(RR) 19250–47–6 (di–Na salt)
(SY) thiomolybdate (MoO2S2)
(SY) dithiomolybdate
(SY) ammonium dithiomolybdate
(HM) *MOLYBDENUM
(NO) RN given refers to parent cpd

dithiooxamide see rubeanic acid

2,2'–dithiopyridine see 2,2'–dipyridyl disulfide

4,4'–dithiopyridine see 4,4'–dipyridyl disulfide

dithiopyrophosphate see bis(thiopyrophosphoric acid)

dithiopyrophosphoric acid see bis(thiopyrophosphoric acid)

dithiosemicarbazone
(HM) *THIOSEMICARBAZONES

dithiotungstate see dithiotungstic acid

dithiotungstic acid
(RN) 16150–61–1
(SY) ammonium dithiotungstate
(SY) dithiotungstate
(HM) *TUNGSTEN
(NO) affects copper metabolism

dithranol 1,8–diacetate
(RN) 51794–04–8
(HM) *ANTHRALIN/analogs
(NO) structure given in first source

dithranol triacetate see triacetyldithranol

dithranol triacetate see triacetyldithranol

1,4–di–4–toluidinoanthraquinone see cyanine green G base

ditopax see mylanta

Ditran
(RN) 8015–54–1
(SY) JB 329
(HM) *GLYCOLATES
(HM) *PYRROLIDINES
(HM) *PIPERIDINES
(HM) DRUG COMBINATIONS
(PA) HALLUCINOGENS
(PA) ANTIDEPRESSIVE AGENTS
(NO) contains 70% 1–ethyl–2–pyrrolidinylmethyl–alpha–phenylcyclopentylglycolate & 30% 1–ethyl–3–piperidyl–alpha–phenylcyclopentylglycolate

ditrim see Co–trimazine

ditrisarubicin A
(RN) 87399–21–1
(HM) NAPHTHACENES
(PA) ANTIBIOTICS
(NO) from Streptomyces cyaneus; structure given in first source

ditrisarubicin B
(RN) 87385–19–1
(HM) NAPHTHACENES
(PA) ANTIBIOTICS
(NO) from Streptomyces cyaneus; structure given in first source

ditrisarubicin C
(RN) 87385–18–0
(HM) NAPHTHACENES
(PA) ANTIBIOTICS
(NO) from Streptomyces cyaneus; structure given in first source

ditropan see oxybutynin

2,5–DiTS see 2,5–di–(2'–thienyl)selenophene

dityrosine
(RN) 980–21–2
(SY) bityrosine
(SY) o,o–dityrosine
(HM) TYROSINE/*analogs
(NO) o,o'–biphenol analog of tyrosine; isolated from insoluble protein of human cataractous lenses; structure

o,o–dityrosine see dityrosine

diucifon
(RN) 34941–71–4
(SY) diutsifon
(HM) *SULFONES
(HM) URACIL/*analogs
(HM) DRUG COMBINATIONS
(PA) ANTILEPROTIC AGENTS
(II) DERMATOLOGIC AGENTS
(II) ADJUVANTS, IMMUNOLOGIC
(NO) contains 6–methyluracil & p,p–2,4–dihydroxy–6–methylpyrimidinyl–5–sulfonaminodiphenylsulfone

Diucomb
(RN) 63764–56–7
(SY) hypertane
(HM) *BENZOTHIADIAZINES
(HM) *TRIAMTERENE
(HM) DRUG COMBINATIONS
(PA) DIURETICS, THIAZIDE
(PA) DIURETICS, SULFAMYL
(NO) contains bemetizide & triamterene

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diumide-K continus
(RN) 84788-22-7
(SY) diumide-K
(HM) *FUROSEMIDE
(HM) *POTASSIUM CHLORIDE
(HM) DRUG COMBINATIONS
(PA) DIURETICS, SULFAMYL
(II) DELAYED-ACTION PREPARATIONS
(NO) combination of furosemide & controlled-release potassium chloride

diumide-K see diumide-K continus

diumycin
(RN) 11141-18-7
(HM) PHOSPHOLIPIDS
(PA) ANTIBIOTICS
(NO) minor descriptor (75-79); on-line search DIUMYCIN (75-79);Index Medicus search ANTIBIOTICS (75-79)

diuredosan see uredofos

diureidoacetic acid see allantoic acid

diutsifon see diucifon

2,13-divaleryldibenzo-18-crown-6
(RN) 68725-69-9
(SY) DVDB-18-crown-6
(HM) *ETHERS, CYCLIC
(II) IONOPHORES

divalproex
(RN) 76584-70-8
(SY) sodium divalproex
(HM) VALPROATE/*analogs
(PA) ANTICONVULSANTS
(NO) structure in first source; RN from USAN 1984 refers to Na salt; RN not in Chemline 11/83

divascan
(RN) 7248-21-7
(SY) N-propylnoradrenochrome monosemicarbazone
(SY) migrenon
(SY) 1-isopropylnoradrenochrome-5-monosemicarbazone
(SY) 1-isopropyl-3-hydroxy-5-semicarbazono-6-oxo-2,3,5,6-tetrahydroindole
(HM) ADRENOCHROME/*analogs
(PA) SEROTONIN ANTAGONISTS
(NO) used in prophylaxis of migraine

divaside
(RN) 508-84-9
(HM) *PLANT EXTRACTS
(NO) has effect on cardiac contractility; no other information available

divicine
(RN) 32267-39-3
(RR) 51170-91-3 (mono-HCl)
(SY) 2,5-diamino-4,5-diketopyrimidine
(HM) *PYRIMIDINONES
(NO) RN given refers to parent cpd

divinyl see 1,3-butadiene

divinyl benzene
(RN) 1321-74-0
(HM) *VINYL COMPOUNDS

divinyl ether see vinyl ether

divinyl oxide see vinyl ether

divinylprotochlorophyllide
(RN) 18433-30-2
(SY) divinyl protochlorophyllide
(SY) Magnesate(1-), (3,4-didehydro-9,14-diethenyl-21-(methoxycarbonyl)-4,8,13,18-tetramethyl-20-oxo-3-phorbinepropanoato(3-)-N(23),N(24),N(25),N(26))-, hydrogen, (SP-4-2)-
(SY) Mg-2,4-divinylpheoporphyrin
(HM) PROTOCHLOROPHYLLIDE/*analogs

divinyl protochlorophyllide see divinylprotochlorophyllide

divinyl sulfide see ethylene sulfide

divinylsulfide see ethylene sulfide

DIV 154 see befuraline

dixanthogen
(RN) 502-55-6
(SY) Auligen
(SY) Bexide
(SY) EXD
(SY) Herbisan
(SY) Sulfasan
(SY) bisethylxanthogen
(SY) ethyl xanthogen disulfide
(HM) *DISULFIDES
(PA) HERBICIDES
(PA) INSECTICIDES
(NO) structure

dixyrazine
(RN) 2470-73-7
(SY) esucos
(HM) *PHENOTHIAZINES
(PA) PHENOTHIAZINE TRANQUILIZERS
(PA) ANALGESICS
(NO) structure

djenkolic acid
(RN) 498-59-9
(RR) 4508-48-9 (HCl)
(HM) CYSTEINE/*analogs
(NO) amino acid isolated from djenkol bean; RN given refers to (L)-isomer; RN for cpd without .someric designation not in Chemline 7/29/83; structure

DJW 258
(SY) DJW-258
(SY) 1-acetohydroxamic acid-3-nitropyrazole
(HM) *PYRAZOLES
(PA) RADIATION-SENSITIZING AGENTS
(NO) structure given in first source

DJW-258 see DJW 258

DJW 77
(SY) DJW-77
(SY) 1-(O-acetyl-acetohydroxamic acid)-3-nitropyrazole
(HM) *PYRAZOLES
(PA) RADIATION-SENSITIZING AGENTS
(NO) structure given in first source

DJW-77 see DJW 77

DJW 94
(RN) 26621-44-3
(SY) DJW-94
(SY) 3-nitropyrazole
(HM) *PYRAZOLES
(PA) RADIATION-SENSITIZING AGENTS
(NO) structure given in first source

DJW-94 see DJW 94

DJ 1461 see budralazine

DJ 6783
(RN) 73101-87-8
(RR) 73101-92-5 (Na salt)
(SY) DJ-6783
(HM) *NAPHTHYRIDINES

DJ-6783 see DJ 6783

DKA-9 see DKA 9

DKA 9
(RN) 51028-89-8
(SY) 3-methoxy-5-(p-chlorophenyl)phenylacetic acid
(SY) 4'-chloro-5-methoxy-3-biphenylacetic acid
(SY) DKA-9
(HM) *PHENYLACETATES
(PA) ANALGESICS, ANTI-INFLAMMATORY
(NO) structure

DKDBCYPGE2 see 11-deoxy-15-keto-13,14-dihydro-11 beta,16- cycloprostaglandin E2

5,7-DKPDA see 5 alpha,7 alpha-dihydroxy-11-ketotetranorprostane-1, 16-dioic acid

2,3-DKPGF1alpha see 2,3-dinor-6-ketoprostaglandin F1alpha

DK 118 see DK-118

DK-118
(RN) 74090-65-6
(SY) N,N-dipropyl-5-hydroxy-6-methyl-2-aminotetralin
(SY) DK 118
(HM) *TETRAHYDRONAPHTHALENES
(NO) stimulates dopaminergic receptors in the central & peripheral nervous system; RN given refers to HBr; RN for parent cpd not in Chemline 7/84; structure given in first source

DLA (A) antigen see histocompatibility antigen DLA

DLA (B) antigen see histocompatibility antigen DLA

DLA (C) antigen see histocompatibility antigen DLA

DLDP-DACB see dolichyl-diphosphate-di-N-acetylchitobiose

DLPA see 1,2-dilauroylphosphatidic acid

2-DLPFA see 2-(3,4-dimethoxyphenyl)-3-fluoroallylamine

5-DLP-PC see 5-doxylpalmitoyl-3-phosphatidylcholine

1,2-DLPS see 1,2-dioleoylphosphatidylserine

12-DLS-PC see 12-doxylstearoyl-3-phosphatidylcholine

6,6-DLTIO see 6,6-dimethyl-2-beta-lyxopyranosyl-4,5,6,7-tetrahydroindol-4-one

DL-111 see DL 111

DL 111
(RN) 69095-83-6
(SY) 3-(2-etnylphenyl)-5-(3-methoxyphenyl)-1H-1,2,4-triazole
(SY) DL 111-IT
(SY) DL-111
(HM) *TRIAZOLES
(PA) ABORTIFACIENT AGENTS, NON-STEROIDAL
(NO) non-hormonal antifertility agent; RN & N1 from CA Vol 90

DL-152 see bietaserpine

DL 164 see tiodonium chloride

DL-2-98
(SY) DL 298
(HM) *IODOBENZENES
(II) CONTRAST MEDIA
(NO) bis(glucose ether) of triiodobenzene

DL 298 see DL-2-98

DL-308 see zetidoline

DL 3117 see DL-3-117

DL-3-117
(RN) 79770-24-4
(RR) 80450-47-1 (unspecified stereoisomer)
(SY) iotrol
(SY) DL 3117
(HM) *TRIIODOBENZOIC ACIDS
(II) CONTRAST MEDIA
(NO) nonionic, isotonic contrast medium designed for intrathecal use; RN given refers to cpd without isomeric designation; DL-3-117 refers to stereoisomer; structure given in first source

DL 473 see rifapentine

DL-4-73 see rifapentine

DL-8280 see DL 8280

DL 8280
(RN) 82419-36-1
(SY)
9-fluoro-3-methyl-10-(4-methyl-1-piperazinyl)-7-oxo-2,3-dihydro-7H-pyrido-(1,2,3-de)-1,4-benzoxazine-6-carboxylic acid
(SY) DL-8280
(SY) ofloxacin
(SY) HOE 280
(SY) 7H-Pyrido(1,2,3-de)-1,4-benzoxazine-6-carboxylic acid, 9-fluoro-2,3-dihydro-3-methyl-10-(4-methyl-1-piperazinyl)-7-oxo-
(HM) *OXAZINES
(PA) ANTI-INFECTIVE AGENTS
(NO) structure given in first source

meso-DMA see butestrol

DMAA see 17
beta-N,N-diethylcarbamoyl-4-methyl-4-aza-5 alpha-androstan-3-one

DMA CA see N,N-dimethyl-4-amino-3-chloroangelicin

DMAEMA-AN see acrylonitriledimethylaminoethyl methacrylate copolymer

DMAEMA-MMA see dimethylaminoethyl methacrylate-methylmethacrylate copolymer

3-DMA-6-MA see 3-dimethylamino-6-methoxyacridine

DMAMDP see N,N-dimethylaminomethane diphosphonic acid

DMAME see dimethylarsinomercaptoethanol

DMAN see 1-(N-dimethyl)amino-7-naphthol

DMA-NONANE see perfluorodimethyladamantane-perfluorotrimethylbicyclononane

DMAPA see dimethylarsinopenicillamine

2,6-DM-APAP see 2,6-dimethylacetaminophen

DMAP N-demethylase see dimethylaminoantipyrine N-demethylase

DMAPP see 3,3-dimethylallyl pyrophosphate

DMASK see beta, beta-dimethylacrylshikonin

4-DMAS-MP see
4-(n-dimethylaminostyryl)-1-methylpyridinium

DMAT synthetase see dimethylallyl tryptophan synthetase

DMBA hydroxylase see 7,12-dimethylbenz(a)anthracene hydroxylase

10-F-DMBA see 10-fluoro-7,12-dimethylbenz(a)anthracene

5-DMBB see 5-(1,3-dimethylbutyl)-5-barbituric acid

4-DMBDD see
7-hydroxy-7'-methoxy-4,4'-bis(1,3-benzodioxole)-5,5'-dicarboxylic acid dimethyl ester

DMB-rifampicin
(RN) 13292-47-2
(RR) 55297-68-2 ((cis)-isomer)
(SY) AF/ABDMP
(SY) 2,5-dimethyl-4-N-benzyldemethylrifampicin
(SY) 2',6'-dimethyl-N(4')-benzyl-N(4') (desmethylrifampicin)
(HM) RIFAMPIN/*analogs
(NO) inhibitor of nucleic acid polymerases; RN given refers to cpd without isomeric designation

(DM)Br2 see decamethonium

2-DMCA see 2'-deoxy-8,2'-methylene-cycloadenosine

DMCDM see metocurine

DMCE-chromanol see
2,8-dimethyl-2-(2'-carboxyethyl)-6-chromanol

2-DMCG see 2'-deoxy-8,2'-methylene-cycloguanosine

DMCM see
6,7-dimethoxy-4-ethyl-beta-carboline-3-carboxylate

3,7-DMCOA see
3,7-dihydroxy-22,23-methylene-5-cholan-24-oic acid

DM-CONH see
1-4-carboxamidophenyl-3,3-dimethyltriazene

3,7-DMCOS see
3,7-dihydroxy-22,23-methylene-5-cholan-24-oic acid (2-sulfoethyl)amide

4,24-DMCO see 4,24-dimethyl-5-cholestan-3-ol

DM-C20-4 see daunomycin-arachidonic acid complex

3,6-DMC see 3,6-dimethylcholanthrene

3,7-DMC see 3,7-dihydroxy-7-methyl-5-cholanoic acid

DMDA-fluorescein see di(methylene diallylamine)fluorescein diacetate

N,N-DMDA see N,N-dimethyldopamine

DMDA-platinum see dimethylaziridine platinum(II)

7,14-DMDBA see 7,14-dimethyldibenz(a,h)anthracene

DMDCS see dichlorodimethylsilane

DMDHEU see dimethylol dihydroxyethyleneurea

7,8-DMDHI see 7,8-dimethoxy-3,4-dihydroisoquinoline

DMDM IV see dedesosaminyl-5-O-mycaminosyl-10,11-dihydromycinamicin IV

N,N-DMDN see N,N-dimethyldeoxynojirimycin

DMDP see 2,5-dihydroxymethyl-3,4-dihydroxypyrrolidine

DMDPT see dimethyldipropylenetriamine

DMDRL see 6,7-dimethyl-8-ribityllumazine

10,10-DMDTCPT-PGE1 see NP 13 A

DMDTP see O,O-dimethyl phosphorodithioate

DME see DDMU

DMEH-PABA see
N,N-dimethyl-2-ethylhexyl-4-aminobenzoate

DMF
(HM) DOXORUBICIN
(HM) MITOMYCINS
(HM) FLUOROURACIL
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

N,N-DMFDNPA see N,N-dimethylformamide dineopentyl acetal

DMF-OH see N-hydroxymethyl-N-methylformamide

DMFTIC see 4',5'-dimethylfluorescein isothiocyanate

1-DMF see 1-deoxy-1-morpholinofructose

DMGDMR see
3,6-di-O-methyl-beta-glucopyranosy'-(1-4)-2,3-di-O-methyl-alpha-rhamnopyranose

DMGGP see 6,6'-di-O-mycolyl galactopyranosyl-galactopyranoside

DMGPMBA see
2,6-dimethyl-6-(3-O-(beta-glucopyranosyl)-4-O-(2-methylbutyroyl)alpha-arabinopyranosyloxy)-2,7-octadienoic acid

DMG polysaccharide
(HM) POLYSACCHARIDES, BACTERIAL
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(II) STREPTOMYCETACEAE
(NO) MW 300,000; degraded D-manno-D-glucan from Microellobosporia grisea culture fluid with unique tetrasaccharide repeating unit, in which a single alpha-D-mannosyl group is located at both O-3 & O-6 of every other beta-D-(1-4) glucosyl residue

DMGUHT see N,N-dimethyl-O-glucopyranuronosyl-5-hydroxytryptamine

DMHBA see 3,4-dimethoxy-5-hydroxybenzoic acid

3,4-DMHB see
1-(3,4-dimethoxyphenyl)-2-phenylethanediol

DMH-delta(6)-THC see dimethyl-heptyl tetrahydrocannabinol

DMHPA see
1-hydroxy-3-(1',2'-dimethylheptyl)-6,6,9-trimethyl-7,8,9,10-tetrahydro-6-dibenzopyran acetate

2,6-DMH see 2,6-dimethylhept-5-en-1-al

DMI see 5-hydroxyindomethacin

5,6-DMIAA see 5,6-dimethoxyindan-1-acetic acid

DMMBD see cannabistilbene I

DM-MDP see
N-acetyl-demethylmuramyl-alanyl-isoglutamine

2,3-DMMII see
2,3-dimethoxy-6-methyl-8,9-(methylenedioxy)-11H-indeno(1,2-c)isoquinoline

DMMPA see dimyristoylmethylphosphatidic acid

DMMPDA see N,N-dimethyl-3-phenylenediamine

DMMTS see N,N'-bis(dimethylmercury)-4-toluol sulfamide

4,5-DMNB-cycl AMP see 4,5-dimethoxy-2-nitrobenzyl cyclic AMP

4,5-DMNB-cycl GMP see 4,5-dimethoxy-2-nitrobenzyl cyclic GMP

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DMN-demethylase I see dimethylnitrosamine N-demethylase

DMN-demethylase II see dimethylnitrosamine N-demethylase

DMNH see 7-dimethylaminonaphthalene-1,2-dicarbonic acid hydrazide

DMNM see alpha-(1,4-dioxido-3-methylquinoxalin-2-yl)-N-methylnitrone

DMN-OAc see methyl(acetoxymethyl)nitrosamine

DMNOBP see 3,2'-dimethyl-4-nitrosobiphenyl

20,21-DMNTO see 20,21-dihydroxy-17-methyl-18-norpregna-4,8,11,13-tetraen-3-one

3,4-DMN see 3,4-dihydrometanicotine

2,6-DMOA see 2,6-dimethyloctanedioic acid

DMOHPO see 1,2-dimethyl-3-hydroxypyrid-4-one

N-DMPA see N-desmethylpheniramine

DMPABCO see 5-(2',5'-dimethylphenyl)-6-oxa-1-azabicyclo(3.3.0) octane

DM-PAM see 1-(3-dimethylaminopropyl)-1H-pyrrole-2,5-dione

2-DMPCB see 2-(2,5-dimethoxy-4-methylphenyl)cyclobutylamine

DMPCPDA see 1,2-dimethyl-3-(4-chlorophenyl)diaziridine

N,N-DMPEA see N,N-dimethylphenylethylamine

DMPG see dimyristoylphosphatidylglycerol

16,16-DM-PGE1 see 16,16-dimethyl-delta2-prostaglandin E1

2,4-DMPHA see 2,4-dimethylphenylhydroxylamine

DMPH2 see quinonoid-2-amino-4-hydroxy-6,7-dimethyldihydropteridine

DMPOP see 2-(3-(1,1-dimethylethyl)-5-methoxyphenyloxazolo(4,5-b) pyridine

DMPOX see 5,5-dimethylpyrrolidin-2-one-1-oxide

1-DMPPA see 1-(2,5-dimethoxy-4-(2-methylpropyl)phenyl-2-aminopropane

DMPPIB see 2,3-dihydro-7-methyl-9-phenyl-1H-pyrazolo(1,2-a) indazolium

DMPSE see dimyristoylphosphatidylserine

2,4-DMP see 2,4-dimethylphenol

2,3-DMQDO see 2,3-dimethylquinoxaline 1,4-dioxide

6,7-DMRL synthase see 6,7-dimethyl-8-ribityllumazine synthase

DMSPTA see dimyristoylphosphatidic acid

DMTC-Cl-Pt see N,N-dimethyl-O-ethylthiocarbamate platinum(II)

DMTD see 2,2-dimethylthiazolidine

16,16-DMTDPGEME see 16,16-dimethyl-delta(2)-prostaglandin E1 methyl ester

DMTEH see N,N-dimethyltetrahydroellipticine

DMTFTH see 5,5-dimethyl-3-(alpha,alpha,alpha,4-tetrafluoro-3-tolyl)hydantoin

5-DMTI see 5'-methylthioinosine

DMT-NOSO see 4,5-dimethylthiazole-N-oxide-S-oxide

DMTU see 1,3-dimethylthiourea

DMTZB see 1-4-(3,3-dimethyl-1-triazeno)benzoic acid

DMUDTMB see 1-((6,10-dimethyl-4,9-undecadienyl)oxy)-2,3,5-trimethylbenzene

DMV protocol
(HM) MITOLACTOL
(HM) MITOMYCINS
(HM) VINBLASTINE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of mitolactol, mitomycin C & vinblastine

4-DMV see 4-desmethoxyverapamil

DM-113 see 3-nitrophthalimide

DM 113 see 3-nitrophthalimide

DM113 see 3-nitrophthalimide

DM 119
(SY) DM-119
(SY) 1-diethylamino-3-((2,3-dimethoxy-6-amino-9-acridinyl)amino)-2-propanol
(HM) *AMINACRINE/analogs
(II) FLUORESCENT DYES
(NO) structure given in first source

DM-119 see DM 119

2,4-DM
(RN) 94-82-6
(RR) 10433-59-7 (Na salt)
(RR) 70786-51-5 (Cu(2+) salt)
(RR) 13484-79-2 (NH4 salt)
(RR) 19480-40-1 (K salt)
(RR) 53412-82-1 (Mn(2+) salt)
(SY) 2,4 DM
(HM) 2,4-DICHLOROPHENOXYACETIC ACID/*analogs
(PA) HERBICIDES
(NO) RN given refers to parent cpd; structure

2,4 DM see 2,4-DM

DNA-adenine methylase
(RN) EC 2.1.1.-
(SY) adenine methylase
(SY) dam methylase
(SY) adenine DNA methylase Eco dam
(SY) M.Eco dam methylase
(SY) Dpn II DNA methylase
(HM) *METHYLTRANSFERASES

DNA-adriamycin complex see doxorubicin-DNA

DNAAMP see 3-(2,4-dinitroanilino)-3'-amino-N-methyldipropylamine

dnaA protein see gene proteins, bacterial

DNAase II see deoxyribonuclease II

DNA-benzo(a)pyrene-7,8-dihydrodiol-9,10-epoxide see benzo(a)pyrene-7,8-dihydrodiol-9,10-epoxide-DNA

dnaB gene product see gene proteins, bacterial

DNA-binding proteins II
(SY) DNA B-II, Clostridium
(SY) Clostridium pasteurianum DNA-binding protein II
(SY) Bacillus stearothermophilus DNA-binding protein II
(HM) *DNA-BINDING PROTEINS
(II) BACTERIAL PROTEINS
(II) CLOSTRIDIUM
(NO) complete 91 amino acid sequence given for Clostridium DNA-binding protein in first source

dnaB protein see gene proteins, bacterial

DNA BsuR specific modification methyltransferase see DNA modification methylase BsuR

DNA-cellulose
(SY) DNA cellulose
(HM) CELLULOSE/*analogs
(HM) DNA/*analogs
(NO) used for affinity chromatography of sequence-specific DNA-binding proteins

DNA cellulose see DNA-cellulose

dnacin A1 see dnacins

dnacin B1 see dnacins

dnacins
(RN) 76828-82-5
(SY) dnacin A1
(SY) dnacin B1
(HM) QUINONES
(PA) ANTIBIOTICS
(NO) basic antibiotics with broad antibacterial activity from Nocardia culture broth; contain aminobenzoquinone moieties

DNA, circular, small see small circular DNA

dnaC protein see gene proteins, bacterial

DNA-dependent ATPase
(RN) EC 3.6.1.-
(SY) DNA helicase II
(SY) factor Y
(SY) replication factor Y
(SY) DNA-dependent ATPase I
(SY) DNA-dependent ATPase II
(SY) DNA-dependent ATPase III
(SY) rep protein (E coli)
(SY) ATPase, DNA-dependent
(SY) DNA-dependent ATPase IV
(HM) *ADENOSINE TRIPHOSPHATASE
(II) DNA UNWINDING PROTEINS
(NO) factor Y is a phage 174 specific DNA-dependent ATPase; ATPase I can act with double-stranded DNA; ATPase II & III require single-stranded DNA

DNA-dependent ATPase I see DNA-dependent ATPase

DNA-dependent ATPase II see DNA-dependent ATPase

DNA-dependent ATPase III see DNA-dependent ATPase

DNA-dependent ATPase IV see DNA-dependent ATPase

DNA-I(125)DMQ see DNA-iomethin

DNA endonuclease III see endodeoxyribonuclease (pyrimidine dimer)

DNA gene proteins, bacterial see gene proteins, bacterial

DNA gene proteins, viral see gene proteins, viral

DNA N-glycosidase
(RN) EC 3.2.2.-
(SY) DNA glycosylase
(HM) *NUCLEOSIDASES
(NO) excises 3-methyladenine from alkylated DNA, a preparatory step for nucleotide excision repair; excises hypoxanthine from deaminated DNA & polydeoxyribonucleotides

DNA glycosylase see DNA N-glycosidase

dnaG (Primase) see gene proteins, bacterial

dnaG protein see gene proteins, bacterial

DNA-guanine methylase see O(6)-methylguanine-DNA methyltransferase

DNA Helicase I
(RN) EC 3.1.-
(SY) Helicase I, DNA
(HM) *DNA UNWINDING PROTEINS
(NO) enzyme capable of unwinding DNA at the expense of ATP; from E. coli

DNA helicase II see DNA-dependent ATPase

DNA Helicase III
(RN) EC 3.1.-
(SY) helicase III
(HM) *DNA UNWINDING PROTEINS

DNA(hypoxanthine) glycohydrolase
(RN) EC 3.2.2.15
(SY) hypoxanthine-DNA glycosylase
(HM) *GLYCOSIDE HYDROLASES

DNA B-II, Clostridium see DNA-binding proteins II

DNA-iomethin
(SY) DNA-I(125)DMQ
(HM) *AMINOQUINOLINES
(HM) *DNA
(II) RADIONUCLIDE IMAGING

dnaK protein see gene proteins, bacterial

DNA-like RNA
(SY) D-RNA
(SY) giant dRNA
(HM) *RNA
(II) RNA, NEOPLASM

DNA methyltransferase SPR
(RN) EC 2.1.1.-
(HM) *METHYLTRANSFERASES

DNA, minicircle see small circular DNA

DNA modification methylase BamHI
(RN) EC 2.1.1.-
(SY) BamHI methylase
(SY) BamHI DNA methylase
(HM) *DNA
(CYTOSINE-5-)-METHYLTRANSFERASE

DNA modification methylase BcnI
(RN) EC 2.1.1.-
(SY) BcnI methylase
(HM) *METHYLTRANSFERASES

DNA modification methylase BsuR
(RN) EC 2.1.1.-
(SY) BsuR specific methylase
(SY) BsuR specific modification methyltransferase
(SY) GGCC specific methyltransferase
(SY) DNA BsuR specific modification methyltransferase
(HM) *METHYLTRANSFERASES
(NO) acts on internal cytosine of the restriction endonuclease; specific target sequence 5'GGCC

DNA modification methylase DpnII
(RN) EC 2.1.1.-
(SY) DpnII DNA methylase
(HM) *METHYLTRANSFERASES

DNA modification methylase HhaI
(RN) EC 2.1.1.-
(SY) HhaI methylase
(HM) *DNA
(CYTOSINE-5-)-METHYLTRANSFERASE

DNA modification methylase HpaII
(RN) EC 2.1.1.-
(SY) Hpa II methylase
(HM) *DNA
(CYTOSINE-5-)-METHYLTRANSFERASE
(NO) methylates CCGG sequence of DNA at the internal cytosine; from Haemophilus parainfluenza

DNA-nitralin see Planavin

DNAP see dinitroaminophenol

DNA 3'-phosphatase see deoxynucleotide 3'-phosphatase

DNA POL SP-EB see DNA polymerase stimulatory protein, Epstein-Barr virus

DNA polymerase alpha stimulating factor
(SY) alpha DNA polymerase stimulating factor
(SY) alpha pol SF
(HM) *PROTEINS
(NO) protein with appr. MW 70,000; stimulates rate of alpha polymerase activity on template-primers constructed of X174 single-stranded viral DNA hybridized to a restriction fragment of X174 RF DNA; does not stimulate alpha polymerase on activated DNA; see also DNA polymerase stimulatory protein, Epstein-Barr virus

DNA polymerase C
(RN) EC 2.7.7.-
(HM) *NUCLEOTIDYLTRANSFERASES
(NO) from Neurospora crassa; has features of both DNA polymerases beta & gamma from higher eukaryotes

DNA polymerase delta
(RN) EC 2.7.7.-
(HM) *DNA POLYMERASES
(NO) similar to DNA polymerase alpha, but has 3' to 5' exonuclease activity, EC 2.7.7.7

DNA polymerase stimulatory protein, Epstein-Barr virus
(SY) DNA POL SP-EB
(HM) *VIRAL PROTEINS
(II) EPSTEIN-BARR VIRUS
(II) NEOPLASM PROTEINS
(II) ENZYME ACTIVATION
(II) DNA POLYMERASES
(NO) MW 45,000; specific to Epstein-Barr virus; from patients with nasopharyngeal carcinoma; see also record for DNA polymerase alpha stimulating factor

DNA primase
(RN) EC 2.7.7.-
(SY) T7 DNA-priming protein
(SY) T7gene-4protein
(SY) primase
(HM) *RNA NUCLEOTIDYLTRANSFERASES
(II) DNA REPLICATION
(NO) enables T7DNA polymerase to initiate DNA synthesis on various circular single-stranded DNA templates by a mechanism which involves the synthesis of a very short RNA primer; also from mammals

DNA A protein see gene proteins, bacterial

DNAQ gene product see gene proteins, bacterial

DNA receptor
(SY) DNA receptors
(SY) receptor, DNA
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) DNA

DNA receptors see DNA receptor

DNA repair endonuclease see endodeoxyribonuclease (apurinic or apyrimidinic)

DNA repair endonuclease III see endodeoxyribonuclease (pyrimidine dimer)

DNA repair exonuclease see correxonuclease

DNA replicase
(RN) EC 2.7.7.-
(HM) *DNA POLYMERASES
(II) DNA REPLICATION
(NO) EC 2.7.7.7

DNA reverse gyrase
(RN) EC 3.1.-
(HM) *DNA GYRASE
(NO) a topoisomerase II subclass which introduces positive superhelical turns into DNA

DNase A see deoxyribonuclease A

DNase B see deoxyribonuclease B

DNase brain III
(RN) EC 3.1.11.-
(SY) exodeoxyribonuclease brain III
(HM) *EXODEOXYRIBONUCLEASES
(NO) purified from rat brain; specific for single-stranded DNA

DNASE II see deoxyribonuclease II

DNase V see exodeoxyribonuclease V

DNase VIII
(RN) EC 3.1.11.-
(HM) *EXODEOXYRIBONUCLEASES
(NO) from human placenta trophoblast nuclei; catalyzes hydrolysis from 5'-phosphorylated termini of single-stranded DNA & acts at internal phosphodiesterase bonds liberating 5'-phosphorylated oligonucleotides

DNA, small circular see small circular DNA

DNA-stimulated ATPase see ATP-dependent endoprotease

dnaZ protein see gene proteins, bacterial

2,3-DNBD see 2,3-dichloro-7-nitrodibenzo-4-dioxin

DNBP see dinoseb

DNBS see 2,4-dinitrofluorobenzene sulfonic acid

DN-COOH see 2-hydroxy-4-carboxybutyrylhistidylprolinamide

1,2-DNDA see 1,2-dihydroxy-9-nitro-1,2-dihydroanthracene

3,4-DNDA see 3,4-dihydroxy-9-nitro-3,4-dihydroanthracene

DNDPB see 1,4-dinitro-2,3-diphenyl-2-butene

DNDS see 4,4'-dinitro-2,2'-stilbstilbenedisulfonic acid

DNFPPP see 4'-N-(2,4-dinitro-5-fluorophenyl)pyridoxamine 5'-phosphate

DNHP see N,N-dinitrosohomopiperazine

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DN-isobutylamide see
N-(2-hydroxy-4-(isobutylcarbamoyl)butyryl)
histidylprolinamide

DN 1417 isobutylamide see
N-(2-hydroxy-4-(isobutylcarbamoyl)butyryl)
histidylprolinamide

DNLAAM see 1 alpha-acetyldinormethadol

3',4'-DNLCA see 3',4'-deoxynorlaudanosolinecarboxylic acid

DNMB see 1,4-dinitro-2-methyl-2-butene

DNP-amonocaproic acid see
6-N-(2,4-dinitrophenyl)aminohexanoic acid

DNPBGG see dinitrophenyl gamma globulin

DNP-BSA see dinitrophenyl-bovine serum albumin

DNP-N-CAP-PE see 2,4-dinitrophenyl-6-N-
aminocaproylphosphatidylethanolamine

DNP-DABH see N(4)-dinitrophenyl-2,4-diaminobutyric
acid hydrazide

2,4-DNP-DE see 2,4-dinitrophenyl dextran

DNPED see N-(2,4-dinitrophenyl)ethylenediamine

DNP-epsilon-aminocaproate see
6-N-(2,4-dinitrophenyl)aminohexanoic acid

DNP-Ficoll
(SY) 2,4-DNP-Ficoll
(SY) 2,4-dinitrophenyl-Ficoll
(HM) *FICOLL/analogs
(II) ANTIGENS
(NO) thymus-independent antigen; 36 DNP residues per 400,000 MW

2,4-DNP-Ficoll see DNP-Ficoll

2,4-DNP-GABA see N-(2,4-dinitrophenyl)-4-aminobutyric
acid

DNP-HSA see dinitrophenyl-human serum albumin

DNPINT see
2-iodo-6-isopropyl-3-methyl-2',4,4'-trinitrodiphenyl ether

2,4-DNP-KLH see 2,4-dinitrophenyl keyhole limpet
hemocyanin

DNP-MGG see 2,4-dinitrophenyl-IgG

DNPNS see 2-((2,4-dinitrophenyl)azo)-1-naphthol
3,6-disulfonic acid

DNPO see bis(2,4-dinitrophenyl) oxalate

DNP-ovalbumin see dinitrophenol-ovalbumin

DNP-peptide
(RN) 63014-08-4
(SY)
2,4-dinitrophenyl-Pro-Gln-Gly-Ile-Ala-Gly-Gln-D-Arg
(SY) 2,4-dinitrophenyl-prolyl-glutaminyl-glycyl-isoleucyl-alanyl-glycyl-glutaminyl-arginine
(HM) *OLIGOPEPTIDES
(NO) used as substrate for collagenolytic enzymes

DNPPPAPAPA see
P(1)-adenylyl-5'-2'-adenylyl-5'-2'-adenosyl-P(3)-n-
decylaminotriphosphate

DNPSSG see 2,4-dinitrophenyl-glutathionyl-disulfide

2,2-DNP see 2,2'-dithiobis(5-nitropyridine)

DNR-BP see daunorubicin-binding protein

DNS-ABBA see N-dansyl-3-aminobenzeneboronic acid

Dns-Ala-Ala-Phe-Phe-MPP see
dansyl-alanyl-alanyl-phenylalanyl-phenylalanine-3-(4-
(N-methyl)pyridyl)-1-propionate

Dns-Ala-Gly-Phe(pNO2)-Gly see
dansyl-alanyl-glycyl-4-nitrophenylalanyl-glycine

DnsArgH see dansylargininal

DNS-ATP see dansylamino deoxy-ATP

Dns-BBA see N-dansyl-3-aminobenzeneboronic acid

DNS-C6-CHO see
(1-(5-dimethylaminonaphthalene)sulfonamido)-n- hexanoic
acid-beta-N-trimethylammonium ethyl ester

DNS-chol
(RN) 33423-98-2
(RR) 76403-93-5 (iodide)
(SY) 1-(5-dimethylaminonaphthalene-1-sulfonamide)
ethane-2-trimethylammonium iodide
(SY) 1-(5-dimethylaminonaphthalene-1-sulfonamido)
ethane-2-trimethylammonium perchlorate
(HM) *AMMONIUM COMPOUNDS
(II) FLUORESCENT DYES
(NO) RN given refers to perchlorate RN for parent cpd not in Chemline 7/29/83

DNS-GABA see dansyl-4-aminobutyric acid

dns-lysine see dansyllysine

DNS-PAPL see
N-(5-dimethylaminonaphthalene-1-sulfonyl)-4-
aminophenyl-beta-lactoside

dns-Phe-Leu-Arg see dansyl-phenylalanyl-leucyl-arginine

DNS-D-TRPOET see
1-dimethylaminonaphthalene-5-sulfonyl-D-tryptophan
ethyl ester

DNTB see 2,4-dinitrothiocyanatebenzene

p-DNTT-Br see
2,3-di-(4-nitrophenyl)-5-phenyl-2H-tetrazolium

3,4-DNT see
2-(3,4-dihydroxyphenyl)naphtho(1,2-d)thiazole

DN 1417 see DN-1417

DN-1417
(RN) 77026-80-3
(RR) 63836-94-2 ((S)-isomer)
(RR) 77026-81-4 (citrate[1:1])
(SY) gamma-butyrolactone-gamma-carbonyl-histidyl-prolinamide citrate
(SY) DN 1417
(HM) THYROTROPIN RELEASING HORMONE/*analogs
(PA) ANTICONVULSANTS
(PA) TRANQUILIZING AGENTS, MAJOR
(II) HORMONES, SYNTHETIC
(NO) RN given refers to parent cpd

DN 9550
(SY) DN-9550
(SY) 7-(2-(2-aminothiazol-4-yl)-2-(1H-imidazol-4-yl)
methoxyiminoacetamido)-3-((1-pyridinio)methyl)-
8-oxo-5-thia-1-azabicyclo(4.2.0)oct-2-ene-2-
carboxylate HCl
(HM) *CEPHALOSPORINS
(NO) structure given in first source

DN-9550 see DN 9550

4-DOBBA see
4-(4,10-dihydro-10-oxothieno(3,2-c)(1)benzoxepin-8-yl)
butyric acid

4-DOBBO see
4-(4,10-dihydro-10-oxothieno(3,2-c)(1)benzoxepin-8-yl)
butanol

6,8-DOBQ see
6,8-dihydroxy-1,2,3,4,4a,5,10,10a-octahydrobenzo(g)
quinoline

7,9-DOBQ see
7,9-dihydroxy-1,2,3,4,4a,5,6,10b-octahydrobenzo(f)
quinoline

docidrazin
(HM) *PROPRANOLOL
(HM) *HYDRALAZINE
(HM) *BENDROFLUMETHIAZIDE
(HM) DRUG COMBINATIONS
(NO) combination of above used in hypertension therapy

docking protein
(HM) *MEMBRANE PROTEINS
(NO) membrane protein of the endoplasmic reticulum; binds the nascent ppc. signal recognition protein complex & facilitates transmembrane transport thereby removing the block to translation

docloxythepin
(RN) 56934-18-0
(RR) 76399-10-5 (14C-labeled cpd)
(SY) dokloxythepin2-chloro-10-(4-(2-hydroxyethyl)
piperazino)-10,11- dihydrodibenzo(b,f)thiepin
(HM) *OCTOCLOTHEPINE/analogs
(PA) TRANQUILIZING AGENTS, MAJOR
(NO) RN given refers to unlabeled cpd

docosahexaenoate see docosahexenoic acid

docosahexaenoic acid see docosahexenoic acid

docosahexaenoic acid hydroperoxide
(RN) 83771-36-2
(SY) docosahexaenoic acid peroxide
(SY) DHA peroxide
(HM) *LIPID PEROXIDES

docosahexaenoic acid peroxide see docosahexaenoic acid hydroperoxide

docosahexaenoyl-coA see docosahexaenoyl coenzyme-A

docosahexaenoyl coenzyme-A
(SY) docosahexaenoyl-coA
(HM) *ACYL COENZYME A

docosahexenoic acid
(RN) 25167-62-8
(RR) 32839-18-2 ((all-Z)-isomer)
(SY) docosahexaenoate
(SY) docosahexaenoic acid
(HM) *FATTY ACIDS, UNSATURATED
(NO) RN given refers to unspecified cpd without isomeric designation

docosanoic acid see behenic acid

docosanol
(RN) 30303-65-2
(SY) IK 2
(SY) behenyl alcohol
(HM) *FATTY ALCOHOLS
(NO) active principle in tadenan; RN given refers to cpd with unspecified locants

docosapentaenoic acid
(RN) 25448-00-4
(RR) 24257-13-4 ((all Z)-isomer)
(HM) *FATTY ACIDS, UNSATURATED
(NO) RN given refers to cpd without isomeric designation

7,10,13,16-docosatetraenoic acid see adrenic acid

11-docosenoic acid see cetoleic acid

DOCT-PC see dioctanoylphosphatidylcholine

docusate sodium see dioctyl sulfosuccinic acid

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DODAC see dimethyldioctadecylammonium

7,8-DODDM-chlorpromazine see 7,8-dioxo-N,N-didesmethylchlorpromazine

dodecahydroamphotericin A
(HM) AMPHOTERICIN B/*analogs
(NO) synthesized from amphotericin A

1a,1b,2,3,4,5,7a,8,8a,9,10,10a-dodecahydro-2-hydroxy-6-(hydroxymethyl)-3,8,8,10a-tetramethyl-5-oxo-4aH-cyclopenta(3,4)cyclopropa(8,9)cycloundec(1,2-b)oxiren-4a-yl ester see jolkinol A

1a,1b,2,3,4,5,7a,8,8a,9,10,10a,-dodecahydro-2-hydroxy-3,6,7,7,10a-pentamethyl-5-oxo-4aH-cyclopenta(3,4) cyclopropa(8,9)cyclounadec(1,2-b)oxiren-4a-yl ester see jolkinol B

dodecandioic acid see dodecanedioic acid

dodecandrin
(HM) *PLANT PROTEINS
(NO) ribosome-inhibiting protein from the leaves of Phytolacca dodecandra; MW 29,000

n-dodecane
(RN) 112-40-3
(HM) *ALKANES

dodecanedioic acid
(RN) 693-23-2
(RR) 31352-39-3 (di-Na salt)
(SY) dodecandioic acid
(SY) 1,10-decanedicarboxylic acid
(HM) *DICARBOXYLIC ACIDS
(NO) RN given refers to parent cpd

1-dodecanethiol see dodecylmercaptan

dodecanoic acid see lauric acid

dodecanoyl cytochrome C
(SY) D-cyt-C
(HM) CYTOCHROME C/*analogs
(II) ADJUVANTS, IMMUNOLOGIC
(NO) increases immune response in cervical cancer cell line

3-dodecanoylpropanediol-1-phosphorylcholine
(RN) 3476-42-4
(RR) 20559-18-6 ((R)-isomer)
(SY) 3-DPPC
(SY) 3-lauroyl-propanediol-1-phosphorylcholine
(SY) lauroyl lysolecithin
(HM) *LYSOPHOSPHATIDYLCHOLINES
(NO) RN given refers to cpd without isomeric designation

3-dodecanoyltetradecanoic acid
(HM) *MYRISTATES
(NO) constituent of lipid A from lipopolysaccharide Yesinia pseudotuberculosis

dodecenoyl-CoA delta-isomerase see dodecenoyl-coenzyme A delta-isomerase

dodecenoyl-coenzyme A delta-isomerase
(RN) EC 5.3.3.8
(SY) enoyl-CoA isomerase
(SY) dodecenoyl-CoA delta-isomerase
(SY) 3-cis-2-trans-enoyl-CoA isomerase
(HM) *ISOMERASES

dodecyl acetate see lauryl acetate

dodecylamine
(RN) 124-22-1
(RR) 929-73-7 (HCl)
(HM) *AMINES
(NO) RN given refers to parent cpd

1-dodecylazacycloheptan-2-one
(RN) 59227-89-3
(SY) 1-dodecylhexahydro-2H-azepin-2-one
(SY) Azone
(HM) *AZEPINES
(NO) enhances percutaneous absorption of different chemicals; structure given in first source

dodecylbenzene
(RN) 123-01-3
(HM) *BENZENE DERIVATIVES

dodecylbenzenesulfonic acid
(RN) 27176-87-0
(RR) 27177-77-1 (unspecified K salt)
(RR) 25155-30-0 (unspecified Na salt)
(SY) deterlon
(SY) sodium laurylbenzenesulfonate
(SY) sulfanol
(SY) sulfonol
(SY) sulfanol NP 1
(HM) *BENZENESULFONATES
(II) DETERGENTS
(II) DISINFECTANTS
(II) SURFACE ACTIVE AGENTS
(NO) RN given refers to parent cpd

N-dodecyl-N,N beta-imidopropionate see deriphat

dodecyl-beta-D-maltoside see dodecyl maltoside

dodecylcyclohexane
(RN) 1795-17-1
(HM) *CYCLOHEXANES

dodecyldi(aminoethyl)glycine see dodicin

dodecyl di-(beta-hydroxyethyl)benzylammonium see Bradophen

dodecyldimethylamine oxide
(RN) 1643-20-5
(SY) DDAO
(SY) ammonyx LO
(SY) N,N-dimethyldodecylamine N-oxide
(SY) lauryldimethylamine oxide
(SY) dodecyldimethylamine N-oxide
(SY) LDAO
(HM) *DIMETHYLAMINES
(II) SURFACE-ACTIVE AGENTS
(II) DETERGENTS
(NO) zwitterionic detergent

dodecyldimethylamine N-oxide see dodecyldimethylamine oxide

N-dodecyl-N,N-dimethylammonium-1-propane-3-sulfonate see zwittergent 3-12

dodecyldimethylbenzylammonium chloride see dimethyldodecylbenzylammonium

dodecyl glucopyranoside see dodecyl glucoside

dodecyl glucoside
(RN) 59122-55-3
(SY) dodecyl glucopyranoside
(HM) *GLUCOSIDES
(NO) RN given refers to (beta-D)-isomer; RN for cpd without isomeric designation not in Chemline 8/83

N-dodecylguanidine acetate see dodine

1-dodecylhexahydro-2H-azepin-2-one see 1-dodecylazacycloheptan-2-one

dodecyl 2-hydroxypropionate see Eutanol G

dodecylmaleamic acid
(RN) 52497-69-0
(SY) N-dodecyl maleamic acid
(HM) *MALEATES
(II) ADHESIVES
(NO) monomer used in adhesive of Curad bandages; RN given refers to (Z)-isomer; RN for cpd without isomeric designation not in Chemline 7/84

N-dodecyl maleamic acid see dodecylmaleamic acid

dodecyl maltoside
(RN) 69227-93-6
(SY) dodecyl-beta-D-maltoside
(SY) lauryl maltoside
(HM) *GLUCOSIDES

dodecylmercaptan
(RN) 112-55-0
(RR) 1322-36-7 (unspecified S locant)
(SY) 1-dodecanethiol
(HM) *SULFHYDRYL COMPOUNDS
(NO) used in polymerization of neoprenes; structure

dodecyloctaethyleneglycol monoether
(RN) 3055-98-9
(SY) n-dodecyl octaethylene glycol monoether
(SY) octaethyleneglycol monododecyl ether
(HM) *POLYETHYLENE GLYCOLS
(II) DETERGENTS

n-dodecyl octaethylene glycol monoether see dodecyloctaethyleneglycol monoether

dodecylphosphocholine
(RN) 53949-18-1
(SY) DDPPC
(SY) dodecylphosphorylcholine
(SY) n-dodecylphosphorylcholine
(HM) PHOSPHORYLCHOLINE/*analogs
(NO) RN given refers to chloride; RN for parent cpd not in Chemline 7/84

dodecylphosphorylcholine see dodecylphosphocholine

n-dodecylphosphorylcholine see dodecylphosphocholine

dodecylpyridinium bromide see Laurosept

1-dodecylpyridoxal chloride
(RN) 87251-90-9
(SY) PLD
(HM) PYRIDOXAL/*analogs

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dodecyl sulfate
(RN) 151-41-7
(RR) 38344-88-6 (Mn salt)
(RR) 60580-55-4 (Mg-Na[4:1:2] salt)
(RR) 4780-52-3 (Ca salt)
(RR) 3097-08-3 (Mg salt)
(RR) 2235-54-3 (NH3 salt)
(RR) 2044-56-6 (Li salt)
(RR) 2351-09-9 (Ba salt)
(RR) 17262-35-0 (Cs salt)
(RR) 38344-89-7 (Co(+2) salt)
(RR) 7016-47-9 (Cu(+2) salt)
(RR) 17005-97-9 (Pb(+2) salt)
(RR) 38344-88-6 (Mn(+2) salt)
(RR) 38344-90-0 (Ni(+2) salt)
(RR) 25603-63-8 (Rb salt)
(RR) 17006-00-7 (Sr salt)
(RR) 73005-45-5 (Cd salt)
(RR) 72925-50-9 (Ag(+1) salt)
(RR) 72925-49-6 (Tl(+1) salt)
(RR) 22397-58-6 (Zn[2:1] salt)
(RR) 4706-78-9 (K salt)
(SY) lauryl sulfate
(SY) ammonium lauryl sulfate
(SY) ammonium dodecyl sulfate
(SY) magnesium lauryl sulfate
(SY) magnesium dodecyl sulfate
(SY) lithium lauryl sulfate
(SY) lithium dodecyl sulfate
(SY) laurylsulfate
(HM) *FATTY ALCOHOLS
(II) SURFACE-ACTIVE AGENTS
(NO) RN given refers to parent cpd; see also SODIUM DODECYL SULFATE

dodecyltrimethylammonium
(RN) 10182-91-9
(RR) 1119-94-4 (bromide)
(RR) 19014-04-1 (iodide)
(RR) 57213-59-9 (maleate[2:1] salt)
(RR) 13623-06-8 (methyl sulfate salt)
(RR) 112-00-5 (chloride)
(RR) 56358-78-2 (ethyl sulfate salt)
(RR) 14898-63-6 (hydroxide)
(RR) 55489-20-8 (perchlorate)
(RR) 10493-16-0 (HCrO3[2:1] salt)
(RR) 26323-02-4 (sulfate[2:1] salt)
(RR) 52724-21-7 (sulfide[2:1] salt)
(RR) 54203-08-6 (thiomolybdate salt hydrate)
(SY) dodecyltrimethylammonium bromide
(SY) lauryltrimethylammonium chloride
(HM) *AMMONIUM COMPOUNDS
(II) DETERGENTS
(II) SURFACE-ACTIVE AGENTS
(NO) used to determine thermal stability of DNA; RN given refers to parent cpd

dodecyltrimethylammonium bromide see dodecyltrimethylammonium

11-dodecynoic acid
(RN) 16900-60-0
(HM) *FATTY ACIDS, UNSATURATED
(NO) structure given in first source

dodicin
(RN) 6843-97-6
(RR) 36895-38-2 (unspecified HCl)
(RR) 18205-85-1 (mono-HCl)
(RR) 59079-49-1 (mono-Na salt)
(SY) dodecyldi(aminoethyl)glycine
(SY) Desimex i
(SY) Tego 51
(SY) ampholyt G
(SY) ampholan
(HM) GLYCINE/*analogs
(PA) ANTI-INFECTIVE AGENTS, LOCAL
(II) SURFACE-ACTIVE AGENTS
(NO) RN given refers to parent cpd

dodine
(RN) 112-65-2
(RR) 13590-97-1 (mono-HCl)
(RR) 2439-10-3 (monoacetate)
(SY) carpen
(SY) N-dodecylguanidine acetate
(HM) *GUANIDINES
(PA) FUNGICIDES, INDUSTRIAL
(PA) ANTI-INFECTIVE AGENTS
(NO) RN given refers to parent cpd; structure

DODIOLIGO see dolichyl diphosphate oligosaccharides

3-DODO see 3-deoxyoctulosonic acid-(alpha-2-4)-3-deoxyoctulosonic acid

DOHBPSA see 4,4'-dihydroxybiphenyl-O-disulfonic acid

8,13-DOH-ODEA see 8,13-dihydroxy-9,11-octadecadienoic acid

dokloxythepin2-chloro-10-(4-(2-hydroxyethyl) piperazino)-10,11- dihydrodibenzo(b,f)thiepin see docloxythepin

Dol-P-P-GlcNAc synthase see UDPacetylglucosamine-dolichyl-phosphate acetylglucosamine- 1-phosphate transferase

Dol-P-Glc see dolichol-D-glucosylmonophosphate

dolichol diphosphate see dolichol pyrophosphate

dolichol diphosphate N-acetylglucosamine see N-acetylglucosaminylpyrophosphoryldolichol

dolichol esterase
(RN) EC 3.1.1.-
(HM) *CARBOXYLIC ESTER HYDROLASES

dolichol-D-glucosylmonophosphate
(RN) 55607-88-0
(SY) glucosylphosphoryldolicholbeta-D-Glucopyranose, 1-ester with dolichol dihydrogen phosphate
(SY) dolichol monophosphate glucose
(SY) dolichyl monophosphate glucose
(SY) Dol-P-Glc
(SY) dolichylglucose phosphate
(HM) *POLYISOPRENYL PHOSPHATE MONOSACCHARIDES

dolichol kinase
(RN) EC 2.7.1.-
(SY) dolichol phosphokinase
(HM) *PHOSPHOTRANSFERASES, ATP
(NO) CTP is phosphate donor

dolichol monophosphate
(RN) 12698-55-4
(SY) dolichyl monophosphate
(SY) dolichyl phosphate
(HM) *DOLICHOL PHOSPHATES

dolichol monophosphate glucose see dolichol-D-glucosylmonophosphate

dolichol monophosphate phosphatase see dolichol phosphatase

dolichol palmitate see dolichyl palmitate

dolichol pathway enzyme I see UDPacetylglucosamine-dolichyl-phosphate acetylglucosamine- 1-phosphate transferase

dolichol pathway enzyme II see UDP-N-acetylglucosamine-dolichyldiphosphate N-acetylglucosamine, N-acetylglucosamine transferase

dolichol pathway enzyme III see GDP-mannose-dolichyldiphosphate chitobiose mannosyltransferase

dolichol phosphatase
(RN) EC 3.1.3.-
(SY) dolichyl phosphate phosphatase
(SY) dolichylphosphate phosphatase
(SY) dolichol monophosphate phosphatase
(SY) polyisoprenyl phosphate phosphatase
(HM) *PHOSPHOMONOESTERASES

dolichol phosphate GDP mannose mannosyltransferase see GDPmannose dolicholphosphate mannosytransferase

dolichol phosphate mannose synthase see GDPmannose dolicholphosphate mannosytransferase

dolichol phosphokinase see dolichol kinase

dolichol pyrophosphate
(RN) 37247-98-6
(SY) dolichyl pyrophosphate
(SY) dolichol diphosphate
(HM) *DOLICHOL PHOSPHATES

dolichol pyrophosphate N-acetylglucosamine see N-acetylglucosaminylpyrophosphoryldolichol

dolichol pyrophosphate N,N'-diacetylchitobiose see dolichyl-diphosphate-di-N-acetylchitobiose

dolichol pyrophosphate Man(1-4)-GlcNAc (1-4)GlcNAc
(RN) 66198-45-6
(SY) dolichyl pyrophosphate trisaccharide
(SY) Dol-PP-TS
(HM) *POLYISOPRENYL PHOSPHATE OLIGOSACCHARIDES
(NO) synthetic substrate for glycolipid-3-mannosyltransferase

dolichos biflorus agglutinin
(SY) dolichos biflorus lectin
(HM) *LECTINS

Dolichos biflorus agglutinin receptor see Dolichos biflorus lectin receptor

Dolichos biflorus agglutinin receptors see Dolichos biflorus lectin receptor

dolichos biflorus lectin see dolichos biflorus agglutinin

Dolichos biflorus lectin receptor
(SY) DB agglutinin receptor
(SY) Dolichos biflorus agglutinin receptors
(SY) receptor, Dolichos biflorus agglutinin
(SY) Dolichos biflorus agglutinin receptor
(SY) receptor, Dolichos biflorus lecutin
(SY) Dolichos biflorus lectin receptors
(SY) DB lectin receptor
(HM) *RECEPTORS, MITOGEN
(II) MITOGENS
(NO) isolated from leukemia cells

Dolichos biflorus lectin receptors see Dolichos biflorus lectin receptor

dolichyl diphosphate N-acetylglucosamine see N-acetylglucosaminylpyrophosphoryldolichol

dolichyl-diphosphate-di-N-acetylchitobiose
(RN) 59694-82-5
(SY) DLDP-DACB
(SY) phospho-di-N-acetyl-alpha-chitobiosyl P-dolichylpyrophosphate
(SY) dolichyl pyrophosphate N,N'-diacetylchitobiose
(SY) dolichol pyrophosphate N,N'-diacetylchitobiose
(HM) *POLYISOPRENYL PHOSPHATE OLIGOSACCHARIDES

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dolichyl diphosphate oligosaccharides
(SY) DODIOLIGO
(SY) dolichylpyrophosphoryloligosaccharides
(HM) *POLYISOPRENYL PHOSPHATE OLIGOSACCHARIDES
(NO) a specific oligosaccharide is the donor for the glycosylation of asparagine residues in proteins; lipid-linked oligosaccharide precursor of the complex type oligosaccharides of the vesicular stomatitis virus G protein; structure for the specific oligosaccharide may be found in J Biol Chem 1978;253(21):7762

dolichyldiphosphoryloligosaccharide–protein oligosaccharyltransferase see oligosaccharide transferase

dolichyl diP mannosyltransferase see GDP-mannose-dolichyldiphosphate chitobiose mannosyltransferase

dolichyl dolichoate
(HM) *TERPENES

dolichylglucose phosphate see dolichol-D-glucosylmonophosphate

dolichyl glucosyl transferase see UDPglucose dolicholphosphate glucosyltransferase

dolichyl mannosyl transferase see GDPmannose dolicholphosphate mannosytransferase

dolichyl monophosphate see dolichol monophosphate

dolichyl monophosphate glucose see dolichol-D-glucosylmonophosphate

dolichyl palmitate
(RN) 82446-32-0
(SY) dolichol palmitate
(HM) *DOLICHOL/analogs

dolichyl phosphate see dolichol monophosphate

dolichyl phosphate N-acetylglucosaminyltransferase see UDP-N-acetylglucosamine-dolichyldiphosphate N-acetylglucosamine, N-acetylglucosamine transferase

dolichylphosphate phosphatase see dolichol phosphatase

dolichyl phosphate phosphatase see dolichol phosphatase

dolichyl pyrophosphate see dolichol pyrophosphate

dolichyl pyrophosphate N,N'-diacetylchitobiose see dolichyl-diphosphate-di-N-acetylchitobiose

dolichylpyrophosphate phosphatase
(RN) EC 3.1.3.-
(HM) *PHOSPHOMONOESTERASES
(NO) dolichol pyrophosphate to dolichol phosphate

dolichyl pyrophosphate trisaccharide see dolichol pyrophosphate Man(1-4)-GlcNAc(1-4)GlcNAc

dolichylpyrophosphoryloligosaccharides see dolichyl diphosphate oligosaccharides

dolomite
(RN) 16389-88-1
(RR) 17069-72-6 (cpd with unknown MF)
(RR) 69277-00-5 (cpd with unknown MF)
(HM) *CALCIUM CARBONATE
(HM) *MAGNESIUM
(II) MINERALS
(NO) mineral recommended by lay periodicals as a desirable source of calcium & magnesium, but found to be also a source of potentially toxic heavy metals

dolomo see Fiorinal

dolo visano
(RN) 76404-04-1
(HM) *CODEINE
(HM) *ASPIRIN
(HM) *MEPROBAMATE
(HM) *DIPHENHYDRAMINE
(HM) *NICOTINIC ACIDS
(HM) DRUG COMBINATIONS
(NO) codeine phosphate + above combination for pain

Dolo Visano S
(RN) 79817-42-8
(SY) DoloVisano S
(HM) *SALICYLAMIDES
(HM) *NICOTINIC ACIDS
(HM) *SALICYLATES
(HM) DRUG COMBINATIONS
(HM) *PLANT EXTRACTS
(NO) 100g ointment contains diethylammonium salicylate 9.3g, salicylamide 7.5g, benzyl pyridine-3-carboxylate 2.0g, Capsici extract .66g, camphor 2.0g & other plant extracts 6.78g; see also dolo visano

DoloVisano S see Dolo Visano S

Dol-PP-TS see dolichol pyrophosphate Man(1-4)-GlcNAc(1-4)GlcNAc

domar see pinazepam

Domeboro see aluminum acetate

domiodol see 4-hydroxymethyl-2-iodomethyl-1,3-dioxolane

domiphen
(RN) 538-71-6
(RR) 10561-60-1 (chloride)
(RR) 501-70-2 (hydroxide)
(SY) domiphen bromide
(HM) *AMMONIUM COMPOUNDS
(PA) ANTI-INFECTIVE AGENTS
(II) DISINFECTANTS
(NO) RN given refers to bromide; RN for parent cpd not in Chemline 7/29/83; structure

domiphen bromide see domiphen

domoate see domoic acid

domoic acid
(RN) 14277-97-5
(RR) 56711-43-4 (Na salt)
(SY) 2 alpha-carboxy-4 beta-(5-carboxy-1-methyl-1,3 beta-hexadienyl)-3-pyrrolidineacetic acid
(SY) domoate
(HM) KAINIC ACID/*analogs
(PA) NEUROMUSCULAR DEPOLARIZING AGENTS
(NO) kainic acid analog, herocyclic amino acid from seaweed; RN given refers to parent cpd; structure

domoprednate
(RN) 66877-67-6
(SY) Stermonid
(HM) *PREGNADIENES
(PA) DERMATOLOGIC AGENTS
(NO) RN for cpd without isomeric designation not in Chemline; structure in USAN

DONU see 2-((((2-chloroethyl)nitrosoamino)carbonyl)amino)-1,3-cyclohexanediol

dopachrome
(RN) 3571-34-4
(HM) *INDOLES
(HM) *QUINONES
(NO) cyclization product of L-DOPA

dopachrome conversion factor see dopachrome oxidoreductase

dopachrome oxidoreductase
(RN) EC 1.10.3.-
(SY) dopachrome conversion factor
(SY) indole blocking factor
(HM) *DIPHENOL OXIDASES
(NO) decarboxylates & converts dopachrome to 5,6-dihydroxyindole; does not convert the latter to indole-5,6-quinone; found in human & mouse hairbulbs

DOPA melanin
(RN) 65194-25-2
(SY) DOPA-melanin
(HM) DOPA/*analogs

DOPA-melanin see DOPA melanin

dl-dopa methyl ester see levodopa methyl ester

L-dopa methyl ester see levodopa methyl ester

dopamine and adenosine 3',5'-monophosphate-regulated phosphoprotein see DARPP 32

dopamine glucuronide
(RN) 38632-24-5
(HM) DOPAMINE/*analogs
(NO) metabolite of dopamine

dopamine-D1 receptor
(SY) receptor, dopamine D-1
(SY) dopamine-D1 receptors
(HM) *RECEPTORS, DOPAMINE
(NO) associated with stimulation of dopamine-sensitive adenylate cyclase

dopamine-D2 receptor
(SY) dopamine-D2 receptors
(SY) receptor, dopamine-D2
(HM) *RECEPTORS, DOPAMINE
(NO) inhibits prolactin release from the anterior pituitary

dopamine-I receptor
(SY) DAi receptors
(SY) dopamine-I receptors
(SY) receptor, dopamine-I
(HM) *RECEPTORS, DOPAMINE
(II) DOPAMINE

dopamine-D1 receptors see dopamine-D1 receptor

dopamine-D2 receptors see dopamine-D2 receptor

dopamine-I receptors see dopamine-I receptor

dopamine 3-O-sulfate
(RN) 51317-41-0
(HM) DOPAMINE/*analogs
(NO) end product of L-Dopa metabolism in Parkinson patients; see also record for dopamine 4-O-sulfate

dopamine 4-O-sulfate
(RN) 38339-02-5
(HM) DOPAMINE/*analogs
(NO) possible precursor of free norepinehrin; see also record for dopamine 3-O-sulfate

dopamine sulfotransferse see aryl sulfotransferase

dopan see chloroethylaminouracil

DOPEG see dihydroxyphenylethylene glycol

dopet see 3,4-dihydroxyphenylethanol

dopexamine
(RN) 86197-47-9
(RR) 86484-91-5 (di-HCl)
(RR) 86484-52-8 (di-HBr)
(HM) DOPAMINE/*analogs
(PA) ADRENERGIC RECEPTOR AGONISTS
(NO) RN given refers to parent cpd; structure given in first source

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9-DOPH see 9-(3,4-dioxopentyl)hypoxanthine

12-DOPPAA see 12-deoxyphorbolphenylacetate-20-acetate

12-DOPPA see 12-deoxyphorbolphenylacetate

DOPP-protocol
(SY) DOPP protocol
(HM) VINCRISTINE
(HM) PROCARBAZINE
(HM) PREDNISOLONE
(HM) NITROGEN MUSTARD COMPOUNDS
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds and dopan; used in treatment of Hodgkin's disease

DOPP protocol see DOPP-protocol

12-DOPP see 12-deoxyphorbolphenylacetate

DOPSE see dioleoyl phosphatidylserine

dorbanex
(HM) *POLOXALENE
(HM) *ANTHRAQUINONES
(HM) DRUG COMBINATIONS
(PA) CATHARTICS
(NO) contains poloxalkol & danthrone; Chemline gives dorbanex as synonym for danthron, this incorrect according to Marler & bibliographic references cited above

doridosine
(RN) 73027-05-1
(SY) N(1)-methylisoguanosine
(SY) 1-methylisoguanosine
(HM) GUANOSINE/*analogs
(PA) ANTIHYPERTENSIVE AGENTS
(NO) isolated from aqueous extracts of digestive glands of Anisodoris nobilis; structure

dormax
(SY) carbromalhydroxyzine HCl
(HM) *CARBROMAL
(HM) *HYDROXYZINE
(HM) DRUG COMBINATIONS
(PA) SEDATIVES, NONBARBITURATE
(NO) combinaton of above cpds used as a sedative

dormicum see midazolam

dorsal protein I see dorsal proteins

dorsal protein II see dorsal proteins

dorsal proteins
(SY) dorsal protein I
(SY) dorsal protein II
(SY) prostatic dorsal proteins
(SY) probasin
(SY) dorsolateral prostatic basic protein
(HM) *ANDROGEN-BINDING PROTEINS
(NO) androgen-dependent secretory proteins from rat dorsal prostate & coagulating gland

dorsolateral prostatic basic protein see dorsal proteins

dosanex
(RN) 19937-59-8
(SY) methoxuron
(SY) herbicide 6602
(HM) *METHYLUREA COMPOUNDS
(PA) HERBICIDES, UREA

dosetil see M-14012-4

DOTG see dioleoylthioglycerol

dothiepin S-oxide
(RN) 1447-71-8
(RR) 42046-35-5 ((E)-isomer)
(RR) 749-48-4 (monosuccinate)
(SY) dothiepin sulfoxide
(HM) *DOTHIEPIN/analogs
(NO) dothiepin metabolite; RN given refers to parent cpd without isomeric designation

dothiepin sulfoxide see dothiepin S-oxide

dothistromin
(RN) 31456-72-1
(HM) *ANTHRAQUINONES
(II) MYCOTOXINS
(NO) metabolite of peanut pathogen Cercospora arachidicola; RN given refers to (2R-(2alpha,3abeta,12abeta))-isomer; cpd without isomeric designation not in Chemline 10/84; structure given in first source

double stranded-ribonucleate oligonucleotidohydrolase see ribonuclease III

double stranded RNA-dependent eIF-2 alpha protein kinase see eIF-2 kinase

double-stranded RNA-dependent endonuclease see 2'-5'-oligo(A)-dependent endonuclease

double-stranded RNA specific nuclease see ds RNase

DoVA
(SY) OHA
(HM) *DOXORUBICIN
(HM) VINCRISTINE
(HM) CYTARABINE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above three cpds

4-DOVE see 4-deoxyverrucarol

23,25-DO-vitamin D3 see 23,25-dihydroxy-24-oxovitamin D3

1,25-DOV see 1,25-dihydroxy-23-oxo-vitamin D3

Dowanol DPM see dipropylene glycol monomethyl ether

Dowco 214 see chlorpyrifos-methyl

Dowco 290
(RN) 1702-17-6
(SY) clopyralid
(SY) 3,6-dichloropicolinic acid
(HM) *PICOLINIC ACIDS
(PA) HERBICIDES

dowex
(RN) 37199-22-7
(HM) *ANION EXCHANGE RESINS

Dowicide see 2-phenylphenol

Dowicil 200 see quaternium-15

doxaminol
(RN) 55286-56-1
(SY) BM 10.188
(HM) *DIBENZOXEPINS
(PA) SYMPATHOMIMETICS
(PA) CARDIOTONIC AGENTS
(NO) dibenzoxepine derivative; no other information available 5/13/82

doxantrazole
(RN) 51762-95-9
(SY) BW 59C
(SY) 3-(5-tetrazolyl)thioxanthone-10,10-dioxide
(HM) *THIOXANTHENES
(PA) BRONCHODILATOR AGENTS
(PA) PHOSPHODIESTERASE INHIBITORS
(II) ASTHMA/drug ther
(II) ALLERGY/drug ther
(NO) structure

doxazosin see UK 33,274

doxefazepam see SAS 643

doxorubicin-DNA
(SY) DNA-adriamycin complex
(SY) adriamycin-DNA
(HM) *DOXORUBICIN
(HM) *DNA
(PA) IMMUNOSUPPRESSIVE AGENTS
(NO) complex of above two compounds to reduce toxicity of doxorubicin

doxorubicin-ferric-ADP complex
(SY) ferric-ADP-adriamycin complex
(SY) Fe3+-ADP-adriamycin
(HM) *DOXORUBICIN
(HM) *ADP
(HM) *FERRIC COMPOUNDS
(NO) stimulates lipid peroxidation

doxorubicin-iron complex
(SY) adriamycin-iron complex
(SY) iron-adriamycin complex
(SY) iron-doxorubicin complex
(SY) doxorubicin-iron(III) complex
(HM) *DOXORUBICIN
(HM) *IRON
(NO) reduces oxygen

doxorubicin-iron(III) complex see doxorubicin-iron complex

doxorubicinol see adriamycinol

doxorubicin semiquinone radicals see adriamycin semiquinone radicals

doxpicodin
(RN) 69494-04-8
(RR) 62904-73-8 (di-HCl(-)-isomer)
(RR) 62904-44-3 (di-HCl(+)-isomer)
(RR) 62904-43-2 (maleate)
(RR) 53361-12-9 (di-HCl)
(SY) LY 108380
(SY) doxpicomine
(SY) L-3-((dimethylamino)-(m-dioxan-5-yl)methyl) pyridine
(SY) Lilly 108380
(HM) *PYRIDINES
(PA) ANALGESICS
(NO) RN given refers to HCl(-)-isomer; RN for parent cpd not in Chemline 7/29/83

doxpicomine see doxpicodin

doxycycline hemiethanolate see doxycycline hyclate

doxycycline hyclate
(RN) 24390-14-5
(SY) doxycycline hemiethanolate
(HM) DOXYCYCLINE/*analogs
(NO) used for intravenous administration of doxycycline; RN given refers to HCl, hemihydrate

doxycycline polyphosphate
(HM) DOXYCYCLINE/*analogs
(PA) ANTI-INFECTIVE AGENTS

doxylamine succinate
(RN) 562-10-7
(HM) *DOXYLAMINE/analogs
(PA) ANTIHISTAMINICS

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3-doxylpalmitic acid
(HM) *CYCLIC N-OXIDES
(II) SPIN LABELS

5-doxylpalmitoylphosphatidylcholine see 5-doxylpalmitoyl-3-phosphatidylcholine

5-doxylpalmitoyl-3-phosphatidylcholine
(SY) 5-doxylpalmitoyl-sn-lecithin
(SY) 5-doxylpalmitoylphosphatidylcholine
(SY) 5-DLP-PC
(HM) *CYCLIC N-OXIDES
(II) SPIN LABELS

5-doxylpalmitoyl-sn-lecithin see 5-doxylpalmitoyl-3-phosphatidylcholine

10-doxylstearate see 10-doxylstearic acid

16-doxylstearate see 16-nitroxystearic acid

5-doxylstearate see 5-doxylstearic acid

10-doxylstearic acid
(RN) 50613-98-4
(SY) 10-doxylstearate
(HM) *CYCLIC N-OXIDES
(II) SPIN LABELS
(NO) structure given in first source

12-doxylstearic acid
(RN) 29545-47-9
(SY) 12-doxyl stearic acid
(SY) 2-(10-carboxydecyl)-2-hexyl-4,4-dimethyl-3-oxyloxazolidine
(HM) *CYCLIC N-OXIDES
(II) SPIN LABELS
(NO) structure given in first source

12-doxyl stearic acid see 12-doxylstearic acid

16-doxylstearic acid see 16-nitroxystearic acid

5-doxylstearic acid
(RN) 29545-48-0
(SY) 5-nitroxystearic acid
(SY) 5-nitroxystearate
(SY) 5-(4',4'-dimethyloxazolidine-N-oxyl)stearic acid
(SY) 2-(3-carboxypropyl)-2-tridecyl-4,4-dimethyl-3-oxazolidinyloxyl
(SY) 5-doxylstearate
(SY) 2-(3-carboxypropyl)-4,4-dimethyl-2-tridecyl-3-oxazolidynyloxy
(SY) 5NS
(HM) *CYCLIC N-OXIDES
(II) SPIN LABELS

12-doxylstearoylphosphatidylcholine see 12-doxylstearoyl-3-phosphatidylcholine

12-doxylstearoyl-3-phosphatidylcholine
(SY) 12-doxylstearoylphosphatidylcholine
(SY) 12-DLS-PC
(SY) 12-doxylstearoyl-sn-lecithin
(HM) *CYCLIC N-OXIDES
(II) SPIN LABELS

12-doxylstearoyl-sn-lecithin see 12-doxylstearoyl-3-phosphatidylcholine

16-doxystearic acid see 16-nitroxystearic acid

DO 710
(RN) 51489-20-4
(SY) DO-710
(SY) N-((1-ethyl-2-pyrrolidinyl)methyl)-2-methoxy-5-((methylamino)sulfonyl)benzamide
(HM) SULPIRIDE/*analogs
(PA) DOPAMINE/antag
(II) LIGANDS
(NO) structure given in first source

DO-710 see DO 710

DP see diabetogenic protein

4-DPAEI see 4-(2-di-N-propylaminoethyl)indole

4,4'-DPA-gramicidin S see (4,4'-diaminopropionic acid)gramicidin S

4-DPAPM see (4-((4-(dimethylamino)phenyl)azo)phenyl)mercuric acetate

1,2-DPATC see 1,2-dihydroxy-6-(N-(2-methylethyl)amino)-6,7,8,9-tetrahydrobenzocycloheptene

1,3-DP-chlorambucil see 1,3-dipalmitoyl-2-(4-(bis(2-chloroethyl)amino) benzenebutanoyl)glycerol

DPCTC see chromic anhydride-3,5-dimethylpyrazole complex

DPDA see N,N-di-n-propyldopamine

N,N'-DPDA see N,N'-diisopropylphosphorodiamidic anhydride

DPDMAMNO.HCl see 1-(2,4-dichlorophenyl)-4-dimethylaminomethyl-1-nonen-3-one

dPdPAVP see vasopressin, 1-deamino-2-Phe-7-(3,4-dehydro)Pro-8-Arg-

DPDPE see enkephalin, Pen(2)-Pen(5)-

DPEAMDN see 3-(((2-(2,6-dimethoxyphenoxy)ethyl)amino)methyl-1,4-dioxane(1,2-b)naphthalene

2-DPEAMDN see 2-(((2-(2,6-dimethoxyphenoxy)ethyl)amino)methyl-1,4-dioxane(1,2-b)naphthalene

DPE-di-N-oxide see dipiperidinoethane-di-N-oxide

2-DPEDS see (2-(3,4-dimethoxyphenyl)ethyl)dimethylselenonium

1-DPEEP see 1-(((3,4-dimethoxyphenyl)ethyl)amino)-3-(4-hydroxyphenoxy)-2-propanol

DPenPC see dipentadecanoylglycerophosphocholine

DPE2 see enkephalinamide-Leu, Ala(2)-aminoethyl dimer

1,1-DPFHA see 1,1-dihydroperfluoroheptyl acrylate

DPGME see dipropylene glycol monomethyl ether

2,3-DPG see 2,3-diphosphoglycerate

1-DPHA see 1-(omega-diethylaminopropylamido)-4-hydroxy-9,10-anthracenedione

DPI see (3,4-dihydroxyphenylamino)-2-imidazoline

12-DPIB see 12-deoxyphorbol 13-isobutyrate

DPI kinase see diphosphoinositide kinase

DPI 201-106
(SY) DPI-201-106
(SY) 4-(3-(4-diphenylmethyl-1-piperazinzyl)-2-hydroxypropoxy)-1H-indole-2-carbonitrile
(HM) *PIPERAZINES
(NO) cardiotonic agent; structure given in first source

DPI-201-106 see DPI 201-106

dPLOT see oxytocin, 1-deaminopenicillamine-2-leucine-

dPMeTyrAVP see vasopressin, (1-deaminopenicillamine-2-(O-methyl)Tyr) Arg-

1-DPMHA see 1-(omega-diethylaminopropylamide)-2-methoxy-4-hydroxy- 9,10-anthracenedione

1,2-DPMPA see 1,2-dipentadecylmethylidene phosphatidic acid

DPMPC see 1,2-dipentadecylmethylidenephosphatidylcholine

Dpn I endonuclease see endodeoxyribonuclease DpnI

DP-neuralgen
(RN) 86290-92-8
(HM) *PHENACETIN
(HM) *ASPIRIN
(HM) *PROPOXYPHENE NAPSYLATE
(HM) DRUG COMBINATIONS
(NO) combination of above cpds

Dpn II DNA methylase see DNA-adenine methylase

DpnII DNA methylase see DNA modification methylase DpnII

DpnII endonuclease see endodeoxyribonuclease MboI

DpnII restriction endonuclease see endodeoxyribonuclease MboI

dPOVT see oxytocin, 1-deaminopenicillamine-8-ornithine-

DPPAAP see phenylalanyl-prolyl-arginyl-5-amidoisophthalic acid dimethyl ester

DPPAO see 2-(3,6-bis(dimethylamino)-10-acridinyl)ethyl-(2,3-di-O-palmitoylglycero)phosphate

1-DPPAP see 1-(3,4-dihydroxyphenyl)-2-(n-propylamino)propane

DPPA-sepharose see 2,2-diphenylpropylamine-sepharose

12-DPPA see 12-deoxyphorbolphenylacetate

2,3-DPPA see N-(2,3-dimercaptopropyl)phthalamidic acid

3,4-DPPA see 3,4-diphenyl-1H-pyrazole-1-propanamine

3-DPPC see 3-dodecanoylpropanediol-1-phosphorylcholine

DPPD see N,N'-diphenyl-4-phenylenediamine

DPPE see 1,2-dipalmitoyl-3-phosphatidylethanolamine

DPPETT see 1,3-diphenyl-4-beta-piperidinoethyl-1,2,4-triazolino-5-thione

DP-PGA see cis-diammineplatinum(II)-polyglutamic acid complex

DPPH-HTX see 2-depentylperhydrohistrionicotoxin

3-DPPPH see 3-(3,4-dihydroxyphenyl)-1-n-propylpyrrolidine

DP-PP-synthetase see decaprenyl pyrophosphate synthetase

DPPS see dipalmitoylphosphatidylserine

DPPTSA see diphenylphosphoric toluene-4-sulfonic anhydride

DPQAM see di(2-pyridyl)-N,N-di((8-quinolyl)amino)methane

1,2-DPRF see 1,2-dideoxy-1-phenyl-beta ribofuranose

D1 protein, nerve tissue see nervous system specific protein D1

D2 protein, nerve tissue see nervous system specific protein D2

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D3 protein, nerve tissue see nervous tissue specific protein D3

DPTDCI see 3,3'-dipropyl-2,2'-thiadicarbocyanine

DPTPC see
1,2-dipalmitoyl-sn-glycero-3-thiophosphocholine

DPT-prostaglandin E1 see
11-deoxy-16-phenoxy-17,18,19,20-tetranorprostaglandin E1

DPT vaccine see DTP vaccine

dPTyr(Me)AVP see vasopressin,
(1-deaminopenicillamine-2-(O-methyl)Tyr) Arg-

DPVDAVP see vasopressin,
(1-deaminopenicillamine-4-Val-8-Arg)-

DPX 1410 see oxamyl

DPX-3217 see DPX 3217

DPX 3217
(RN) 57966-95-7
(RR) 68327-14-0 (Cu sulfate)
(RR) 65122-15-8 (fumarate)
(SY) 2-cyano-N-((ethylamino)carbonyl)-2-(methoxyimino)acetamide
(SY) DPX-3217
(SY) cymoxanil
(HM) *ACETAMIDES
(PA) FUNGICIDES, INDUSTRIAL
(NO) RN given refers to parent cpd; structure in first source

4-DPX see N,N'-4-xylylenebis(pyridinium)

DPX-8 see pipethanate

DPYP see 1,3-di-(1-pyrenyl)propane

DraI endonuclease see endodeoxyribonuclease DraI

DraII endonuclease see endodeoxyribonuclease DraII

DraIII endonuclease see endodeoxyribonuclease Dra III

DR antigen see HLA-DR

Drawin see butocarboxime

DRC-1339 see starlicide

1,2-DRF see 1,2-dideoxyribofuranose

driselase
(RN) EC 3.2.1.-
(HM) *GLYCOSIDE HYDROLASES
(NO) fungal enzyme preparation containing polysaccharide exo- & endo-hydrolases, including cellulase, pectinase, beta-xylanase & beta-mannanase

DRN synthetase complex see deoxyribonucleotide synthetase complex

DROPP see thidiazuron

droprenylamine
(RN) 57653-27-7
(RR) 59182-63-7 (HCl)
(SY) MG 8926
(SY) N-(3,3-diphenylpropyl)-alpha-methyl-beta-cyclohexylethylamine
(HM) PRENYLAMINE/*analogs
(PA) ANTI-ARRHYTHMIA AGENTS
(NO) secondary amine structurally related to prenylamine; RN given refers to parent cpd; synonym MG 8926 refers to HCl; structure

Drosophilin B see pleuromutilin

drosopterin
(RN) 33466-46-5
(RR) 33466-47-6 ((Z)-(-)-isomer)
(SY) drosopterins
(HM) *PTERIDINES
(NO) eye pigments of Drosophila melanogaster; RN given refers to (trans)-(+-)-isomer; RN for cpd without isomeric designation not in Chemline 7/28/83; structure

drosopterins see drosopterin

drostanolone propionate
(RN) 521-12-0
(SY) 2 alpha-methyldihydrotestosterone propionate
(HM) DROMOSTANOLONE/*analogs
(NO) RN given refers to (2alpha,5alpha,17beta)-isomer; RN for cpd without isomeric designation not in Chemline 7/84

drotavarine-trophylline-7-acetate see depogen

drotaverin
(RN) 14009-24-6
(RR) 985-12-6 (HCl)
(SY) dihydroisoperparine
(SY) isodihydroperparine
(SY) no-spa
(SY) nospasum
(SY) drotaverine
(SY) no-shpa
(SY) nospan
(HM) PAPAVERINE/*analogs
(PA) SPASMOLYTICS
(PA) VASODILATOR AGENTS
(NO) Hungarian drug; RN given refers to parent cpd; structure

drotaverine see drotaverin

drotebanol
(RN) 3176-03-2
(SY) oxymethebanol
(SY) 14-hydroxydihydro-6 beta-thebainol 4-methyl ether
(HM) THEBAINE/*analogs
(NO) RN given refers to (6beta)-isomer; RN for cpd without isomeric designation not in Chemline 7/84; structure

droxicainide
(RN) 86797-92-4
(SY) ALS 1249
(SY) ALS-1249
(SY) S 1249
(SY) S-1249
(SY) N-(2-hydroxyethyl)pipecolinyl-2,6-dimethylanilide
(HM) *ANILIDES
(PA) ANTI-ARRHYTHMIA AGENTS
(NO) structure given in UD 33:123g

DRPGly see N-(9 beta-D-2'-deoxyribofuranosylpurin-6-yl) glycinamide

DRPH see melanophore-dispersing hormone

1,2-DRPO see
1,2-diamino-4-beta-ribofuranosylpyrazin-2-onium

Drylin see Bactrim

ds cDNA see complementary DNA

20-DSDR see protylonolide

DSENB see 6,6'-diselenobis-(3-nitrobenzoic acid)

DSIP see Delta-Sleep-Inducing-Peptide

DSIP-P see Delta-Sleep-Inducing Peptide phosphate

N-DSK see amino-terminal disulfide knot

DSLET see
tyrosyl-seryl-glycyl-phenylalanyl-leucyl-threonine

DSLNHC see disialo-lacto-N-norhexaosyl ceramide

6-DSMB-naltrexone see
4,5-epoxy-3,6,14-trihydroxy-6-(2-carboxyallyl)-17-(cyclopropylmethyl)morphinan gamma-lactone

6-DSMB-oxymorphone see
4,5-epoxy-3,6,14-trihydroxy-6-(2-carboxyallyl)-17-methylmorphinan gamma-lactone

DSNLTC see disialosylneolactotetraosylceramide

DSO 16 see DSO-16

DSO-16
(RN) 35059-06-4
(SY) 1-(2-oxo-1-pyrrolidino)-4-(2-chloroethylmethylamino)but-2-yne.HCl
(SY) DSO 16
(SY) BM-123
(SY) BM 123
(SY) N-(4-(2-chloroethylmethylamino)-2-butynyl)-2-pyrrolidone
(HM) *PYRROLIDINONES
(PA) PARASYMPATHOLYTICS
(NO) RN given refers to mono-HCl; RN for parent cpd not in Chemline 8/11/83; structure

DSPE see 1,2-distearoylphosphatidylethanolamine

DSP-SC see development-specific protein (Sclerotinia)

3,4-DSP see
2-pyridinecarboxaldehyde-1-oxide-3,4-dimethoxybenzene sulfonylhydrazone

DSP4 see DSP 4

DSP 4
(RN) 62078-98-2
(RR) 40616-75-9 (HCl)
(SY) DSP-4
(SY) DSP4
(SY) N-(2-chloroethyl)-N-ethyl-2-bromobenzylamine
(HM) *BENZYLAMINES
(II) NEUROTOXINS
(NO) RN given refers to parent cpd

DSP-4 see DSP 4

dsRNA-activated inhibitor see eIF-2 kinase

dsRNA-dep endonuclease see 2'-5'-oligo(A)-dependent endonuclease

DSRNA-dep protein kinase see eIF-2 kinase

ds RNase
(RN) EC 3.1.26.-
(SY) double-stranded RNA specific nuclease
(HM) *ENDORIBONUCLEASES
(NO) from pearl millet (Pennisetum typhoides); involved in RNA processing; pH maximum 6.3-7.5; acts on precursor ribosomal RNA

DSTLE see
tyrosyl-seryl-glycyl-phenylalanyl-leucyl-threonine

D2 surface antigen see neural cell surface antigen D2

7-DSXCA see 7-dimethylsulfamoylxanthone-2-carboxylic acid

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DS 103-282
(RN) 51322-75-9
(RR) 64461-82-1 (mono-HCl)
(SY) 5-chloro-4-(2-imidazolin-2-yl-amino)-2,1,3-benzothiadiazole
(SY) tizanidine
(HM) CLONIDINE/*analogs
(PA) MUSCLE RELAXANTS, CENTRAL
(PA) PARASYMPATHOLYTICS
(PA) ANTICONVULSANTS
(PA) ANALGESICS
(NO) RN given refers to parent cpd; structure

DS 1-132
(RN) 75871-99-7
(SY) 3,3'-O-(5-(acetylamino)-2,4,6-triiodo-1,3-phenylene)bis-D-glucose
(HM) *IODOBENZENES
(II) CONTRAST MEDIA

DS-15647 see thiofanox

DS-201 see tanshinone II A sodium sulfonate

DS-511
(RN) 39632-88-7
(RR) 43057-12-1 (HCl)
(RR) 74175-91-0 (sulfate)
(SY) 1,4-dimorpholino-7-phenylpyrido(3,4-d)pyridazine
(HM) *PYRIDAZINES
(PA) DIURETICS
(NO) RN given refers to parent cpd; structure

d(T-A) see thymidylyl-deoxyadenylic acid

d(T-A-A-T) see deoxy-(thymidylyl-adenylyl-adenylyl-thymidylic acid)

DTAF see 5-((4,6-dichloro-1,3,5-triazin-2-yl)amino)fluorescein

(A)n.(T)n see poly A-T

d(T-A-T-A) see deoxy-(thymidylyl-adenylyl-thymidylyl-adenylic acid)

DTBDCP see 2,2-dithiobis(4,6-dichlorophenol)

DT-BIS(DT) see digitoxigenin-bis(digitoxoside)

DTBSP see dithiobis(succinimidylpropionate)

DTBSSP see 3,3'-dithiobis(sulfosuccinimidyl propionate)

(dT-dG)n.(dC-dA)n see poly(dT-dG)n.poly(dC-dA)n

DT diaphorase see NAD(P)H dehydrogenase (quinone)

4'-DTDPA see 4'-(dimethylamino)-2,2,2-tris(4-(dimethylamino)phenyl) acetophenone

dTDPglucose 4,6-dehydratase
(RN) EC 4.2.1.46
(SY) TDP D-glucose oxidoreductase
(HM) *HYDRO-LYASES

DTEIP see 2-(3,4-dimethylthiazolium)ethyl indole-3-propionate

DTFB see diphtheria toxin fragment B

7-DTFH see 7-(6'-deoxytalofuranosyl)hypoxanthine

9-DTFH see 9-(6'-deoxytalofuranosyl)hypoxanthine

9-DTFT see 9-(6'-deoxytalofuranoysl)-6-thiopurine

DTgammaE see (des-Tyr(1))-gamma-endorphin

DT-Glu see digitoxin-16'-glucuronide

DTLET see deltakephalin

dTMP kinase
(RN) EC 2.7.4.9
(RR) 9014-43-1 (CRN)
(SY) thymidylate kinase
(HM) *NUCLEOSIDE MONOPHOSPHATE KINASES

DTM 8 15 see dutimelan

8,13-DTNDO see 8,13-diaza-3-thia-A-norgona-1,5(10)-dien-17-one

DTPA cyclic anhydride see cyclic DTPA anhydride

DTPA-HSP see diethylenetriamine N-hydroxysuccinimide pentaester

DTPA N-hydroxysuccinimide pentaester see diethylenetriamine N-hydroxysuccinimide pentaester

DTPMT see diethylenetriaminepenta(methylenephosphonic) acid

DTPP
(RN) 37107-08-7
(SY) diethylenetriaminopentamethylphosphonic acid
(HM) *ORGANOPHOSPHORUS COMPOUNDS
(II) CHELATING AGENTS
(NO) structure

DTP vaccine
(SY) DPT vaccine
(SY) diphtheria-tetanus-pertussis vaccine
(HM) *DIPHTHERIA TOXOID
(HM) *TETANUS TOXOID
(HM) *PERTUSSIS VACCINE
(HM) DRUG COMBINATIONS

N,N-DTQB see 2-(N,N-dimethylaminomethyl)-2,3,7,8-tetrahydro-1H-quino(1,8-ab)(1)benzazepine

DTTAB vaccine
(SY) diphtheria-tetanus-typhoid-paratyphoid vaccine
(HM) *DIPHTHERIA TOXOID
(HM) *TETANUS TOXOID
(HM) *TYPHOID-PARATYPHOID VACCINES
(HM) DRUG COMBINATIONS

DTTB see 4,6-dichloro-7-(2,4,5-trichlorophenoxy)-2-trifluoromethylbenzimidazole

dTTP see thymidine 5'-triphosphate

dTTP (alpha S) see thymidine 5'-O-(1-thiotriphosphate)

dTTP alphaS see thymidine 5'-O-(1-thiotriphosphate)

dTTPase see deoxythymidinetriphosphatase

DTUCPP see 2',3'-O-bis(4,4'-dimethoxytrityl)uridine 5'-(4-chlorophenyl)phosphate

DT vaccine
(SY) diphtheria-tetanus vaccine
(HM) *DIPHTHERIA TOXOID
(HM) *TETANUS TOXOID
(HM) DRUG COMBINATIONS

DT 79 see substance P, Pro(2)-Trp(7)-Trp(9)-

DT-79 see substance P, Pro(2)-Trp(7)-Trp(9)-

DT79 see substance P, Pro(2)-Trp(7)-Trp(9)-

duador see dihydrochandonium

duazomycin B see azotomycin

duborimycin see daunorubicinol

duclauxin
(RN) 1732-37-2
(HM) CHROMONES
(PA) ANTIBIOTICS
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) isolated from Penicillium stipitatum Thom; structure

dulcerozine
(RN) 18694-42-3
(SY) 4-methoxy-6-(5-methoxy-3-methyl-1H-pyrazol-1-yl) pyrimidine
(HM) *PYRIMIDINES
(NO) induces ulcers; structure given in first source

dulcin
(RN) 150-69-6
(SY) phenetolcarbamide
(SY) p-ethoxyphenylurea
(HM) *PHENYLUREA COMPOUNDS
(II) SWEETENING AGENTS
(NO) structure

dUMP see 2'-deoxyuridylic acid

Duogynon forte
(RN) 8000-03-1
(SY) Synovex-S
(HM) ESTRADIOL/*analogs
(HM) *PROGESTERONE
(HM) DRUG COMBINATIONS
(NO) contains estradiol benzoate & progesterone

Duolip see etofyllinclofibrate

Duolite CS-100
(RN) 79956-35-7
(SY) Duolite CS 100
(HM) *CATION EXCHANGE RESINS
(NO) superfusion with isotonic NaCl causes release of biogenic amines from above cpd

Duolite CS 100 see Duolite CS-100

duovent see Berodual

DU-PAN-2 antigen see pancreas cancer-associated antigen

duphar see tetradifon

durabolin see nandrolone phenpropionate

durafill
(RN) 83382-07-4
(HM) *COMPOSITE RESINS
(NO) light-activated microfine composite resin

duragel 75
(SY) surfilcon A
(HM) *METHYLMETHACRYLATES
(HM) *POVIDONE
(II) LENSES, INTRAOCULAR
(NO) hydrophobic polymethylmethacrylate complexed with hydrophilic poly-N-2-vinylpyrrolidone for hydrogel intrastromal implants

Duralay
(RN) 60675-61-8
(HM) *ACRYLIC RESINS
(II) DENTAL MATERIALS

Duralon
(HM) *DENTAL CEMENTS

duramycin
(RN) 1391-36-2
(HM) PEPTIDES
(PA) ANTIBIOTICS
(NO) from Streptomyces cinnamoneus; contains rare amino acids such as lanthionine & lysinoarginine

durapatite
(HM) *HYDROXYAPATITES
(NO) new ceramic form of hydroxylapatite

Duraphat
(RN) 39287-69-9
(HM) *SODIUM FLUORIDE
(II) DENTAL CAVITY LINING
(II) FLUORIDES, TOPICAL
(NO) fluoride varnish containing 50mg/ml NaF; NI same as NM; topical fluoride caries inhibitor

duratexol
(HM) *POLYESTERS
(HM) *METHACRYLATES
(II) BIOCOMPATIBLE MATERIALS
(NO) polyester mesh covered with glycol methacrylate gel; used to repair injured diaphragm

Durcupan see Durcupan ACM

Durcupan ACM
(RN) 37187-52-3
(RR) 59112-01-5 (Durcupan)
(SY) Durcupan
(HM) *EPOXY RESINS
(NO) no other information available 8/5/80

Durelon see zinc polyacrylate

Durelon cement see zinc polyacrylate

durene
(RN) 95-93-2
(HM) *BENZENE DERIVATIVES
(NO) structure

durohydroquinone see duroquinol

duroliopaque see ethyl iodostearate

duroquinol
(RN) 5664-09-5
(SY) tetramethylhydroquinone
(SY) durohydroquinone
(HM) *HYDROQUINONES

duroquinone
(RN) 527-17-3
(HM) *QUINONES

Dutch Nestosyl ointment see Nestosyl ointment

DuTer see triphenyltin hydroxide

dutimelan
(RN) 56939-84-5
(SY) DTM 8 15
(HM) PREDNISOLONE/*analogs
(HM) CORTISONE/*analogs
(HM) DRUG COMBINATIONS
(NO) plurichronocorticoid administered at 8 hours & 15 hours; contains prednisolone acetate & cortisone acetate

dUTPase see deoxyuridinetriphosphatase

duxil
(RN) 76997-30-3
(SY) SE 5023
(SY) SE-5023
(HM) *YOHIMBINE
(HM) *PIPERAZINES
(HM) DRUG COMBINATIONS
(NO) combination of almitine & ajmalicine used in treatment of cerebral hypoxia

Duxon
(RN) 40704-75-4
(RR) 41209-01-2 (14C-labeled cpd)
(SY) N-(2-hydroxypropyl)methacrylamide polymer
(SY) poly(n-(2-hydroxypropyl)methacrylamide)
(HM) *POLYMETHACRYLIC ACIDS
(II) PLASMA SUBSTITUTES
(NO) RN given refers to unlabeled cpd

DU 18288
(RN) 72601-96-8
(SY) DU-18288
(SY) N,N-dimethyl-N'-1H-1,2,4-triazol-3-yl-thiourea
(HM) *TRIAZOLES
(PA) DOPAMINE BETA-HYDROXYLASE/antag

DU-18288 see DU 18288

DU 21445 see tiprenolol

DU 23000 see fluvoxamine

DU24565 see DU 24565

DU-24565 see DU 24565

DU 24565
(RN) 77372-73-7
(SY) 6-nitro,2-(1-piperazinyl)quinoline
(SY) DU-24565
(SY) DU24565
(HM) QUIPAZINE/*analogs
(PA) SEROTONIN ANTAGONISTS
(NO) structure given in first source

DU-27716 see DU 27716

DU 27716
(RN) 76716-60-4
(RR) 76716-77-3 (mono-HCl)
(SY) DU27716
(SY) (2-(4-(3-(trifluoromethyl)phenyl)-1-piperazinyl) ethyl)urea
(SY) DU-27716
(SY) fluprazine
(HM) *PIPERAZINES
(PA) PSYCHOTROPIC DRUGS
(NO) anti-aggressive agent in rats; RN given refers to parent cpd

DU27716 see DU 27716

DU-27725 see DU 27725

DU27725 see DU 27725

DU 27725
(SY) N-(2-(4-(3-(trifluoromethyl)phenyl)-1-piperazinyl)ethyl)acetamide maleate
(SY) DU-27725
(SY) DU27725
(HM) *PIPERAZINES
(NO) anti-aggressive; structure given in first source

DU 28412
(RN) 82278-28-2
(SY) DU-28412
(HM) *PIPERAZINES
(PA) PSYCHOTROPIC DRUGS
(NO) anti-aggressive agent in rats; structure in first source

DU-28412 see DU 28412

DU717 see DU-717

DU-717
(RN) 59943-31-6
(SY) DU 717
(SY) DU717
(HM) *BENZOTHIADIAZINES
(PA) ANTIHYPERTENSIVE AGENTS
(NO) structure

DU 717 see DU-717

DVC see CAV

DVDAVP see vasopressin, 1-desamino-4-Val-8-Arg-

DVDB-18-crown-6 see 2,13-divaleryldibenzo-18-crown-6

1,25-DVDMG see 1,25-dihydroxyvitamin D3 monoglucuronide

DVMP see DC(M)VP

DVP (cisplatin)
(HM) CISPLATIN
(HM) ETOPOSIDE
(HM) PREDNISONE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds; used in treatment of lymphomas

DVP (daunomycin)
(HM) PREDNISOLONE
(HM) VINCRISTINE
(HM) DAUNORUBICIN
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds; used in therapy of acute leukemia

DVPP
(SY) OPPA
(HM) DOXORUBICIN
(HM) VINCRISTINE
(HM) PROCARBAZINE
(HM) PREDNISONE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds; used in treatment of Hodgkin's disease

DV 1006 see cetraxate

DX-17-carboxamide see dexamethasone-17-carboxamide

2,3-DXME see 2,3-di-exo-methylencepham

4'-epi-DXR see 4'-epidoxorubicin

dyazide
(RN) 14124-50-6
(SY) triampur (combination)
(SY) triampur compositum
(SY) slimin
(SY) maxzide
(HM) *TRIAMTERENE
(HM) *HYDROCHLOROTHIAZIDE
(HM) DRUG COMBINATIONS
(PA) ANTIHYPERTENSIVE AGENTS
(NO) Russian drug; saluretic containing above 2 cpds; do not confuse with Triampur synonym for triamterene; dyazide & maxzide have different proportions

Dycal
(RN) 54479-90-2
(HM) *CALCIUM HYDROXIDE
(HM) *MINERALS
(II) DENTAL PULP CAPPING
(II) DENTAL CAVITY LINING
(NO) contains calcium hydroxide in catalyst paste mixed with zinc oxide & zinc stearate in ethyl toluene sulfonamide; base contains titanium dioxide & calcium tungstate in 1,3-butylene glycol disalicylate

dyclonine
(RN) 586-60-7
(RR) 536-43-6 (HCl)
(HM) *PROPIOPHENONES
(PA) ANESTHETICS, LOCAL
(NO) minor descriptor (66-83); on-line & Index Medicus search PROPIOPHENONES (66-83); RN given refers to parent cpd; structure

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dye gene product
(SY) sfrA gene product
(HM) *BACTERIAL OUTER MEMBRANE PROTEINS
(NO) from the dye gene of E. coli; required for expression of sex factor F & involved in regulation of envelope proteins; MW 29,000; see also general term bacterial envelope proteins

dye-linked L-mandelate dehydrogenase see L-mandelate dehydrogenase

dye NK 1841 see NK 1841 (dye)

dye XVII see WW 375

Dy-HEDTA see HEDTA

Dylon
(RN) 87495-25-8
(SY) pagoda red no. 9
(HM) *DYES
(NO) eosinophil granule stain; no other info available 4/4/83

Dynabond see bis(phenol A-glycidyl methacrylate)

dynamutilin see tiamulin

dynorphin (1-11), Ala(2)-
(RN) 75491-15-5
(SY) Ala-dynorphin
(SY) D-Ala(2)-dynorphin (1-11)
(SY) L-Lysine, N(2)-(1-(N(2)-(N-(N(2)-(N(2)-(N-(N-(N-(N-L-tyrosyl-D-alanyl)glycyl)-L-phenylalanyl)-L-leucyl)-L-arginyl)-L-arginyl)-L-isoleucyl)-L-arginyl)-L-prolyl)-
(HM) *DYNORPHIN
(HM) *PEPTIDE FRAGMENTS
(PA) ANALGESICS
(PA) NARCOTICS
(II) HORMONES, SYNTHETIC
(NO) synthetic dynorphin analog

dynorphin amide(1-10)
(RN) 79985-49-2
(SY) dynorphin (1-10) amide
(HM) *DYNORPHIN
(HM) *PEPTIDE FRAGMENTS

dynorphin (1-10) amide see dynorphin amide(1-10)

dynorphin A (1-10)
(SY) dynorphin-A (1-10)
(HM) *DYNORPHIN
(HM) *PEPTIDE FRAGMENTS

dynorphin-A (1-10) see dynorphin A (1-10)

dynorphin A (1-17)
(HM) *DYNORPHIN
(HM) *PEPTIDE FRAGMENTS

dynorphin A (1-8) see dynorphin (1-8)

dynorphin A (1-9)
(RN) 77259-54-2
(HM) *DYNORPHIN
(HM) *PEPTIDE FRAGMENTS

dynorphin B see rimorphin

dynorphin bridge peptide
(SY) bridge peptide, dynorphin
(HM) DYNORPHIN/*analogs
(NO) MW 2K non-opioid end product of pro-dynorphin in rat substantia nigra

dynorphin B (1-29)
(RN) 84376-30-7
(SY) Tyr-Gly-Gly-Phe-Leu-Arg-Arg-Gln-Phe-Lys-Val-Val-Thr-Arg-Ser-Gln-Glu-Asp-Pro-Asn-Ala-Tyr-Tyr-Glu-Glu-Leu-Phe-Asp-Val
(HM) DYNORPHIN/*analogs
(HM) *PEPTIDE FRAGMENTS

dynorphin, des-Tyr-
(RN) 84211-35-8
(SY) dynorphin, detyrosine-
(SY) des-Tyr-dynorphin
(SY) detyrosine dynorphin
(HM) DYNORPHIN/*analogs
(PA) ANALGESICS/antag
(NO) antagonizes morphine analgesia

dynorphin, detyrosine- see dynorphin, des-Tyr-

dynorphin (1-11), Pro(10)
(SY) D-Pro(10)-dynorphin (1-11)
(SY) D-proline(10)-dynorphin (1-11)
(HM) *DYNORPHIN
(HM) *PEPTIDE FRAGMENTS

dynorphin receptor
(SY) receptor, dynorphin (1-13)
(SY) dynorphin (1-13) receptor
(SY) dynorphin receptors
(SY) dynorphin A(1-9) receptor
(HM) *RECEPTORS, ENDORPHIN

dynorphin A(1-9) receptor see dynorphin receptor

dynorphin receptors see dynorphin receptor

dynorphin (1-13) receptor see dynorphin receptor

dynorphin (1-11)
(HM) *DYNORPHIN
(HM) *PEPTIDE FRAGMENTS

dynorphin (1-12)
(RN) 79985-35-6
(HM) *DYNORPHIN
(HM) *PEPTIDE FRAGMENTS
(PA) NARCOTICS

dynorphin (1-13)
(RN) 72957-38-1
(SY) dinorphin A (1-13)
(HM) *DYNORPHIN
(HM) *PEPTIDE FRAGMENTS
(PA) ANALGESICS
(PA) NARCOTICS
(NO) potent opioid peptide; see also record for dynorphin & D-Ala(2)-dynorphin (1-11)

dynorphin (1-17)
(HM) *DYNORPHIN
(HM) *PEPTIDE FRAGMENTS

dynorphin(1-32)
(RN) 83328-95-4
(SY) dynorphin-32
(HM) DYNORPHIN/*analogs
(PA) ANALGESICS
(NO) dynorphin A & dynorphin B linked by Lys-Arg

dynorphin (1-8)
(RN) 75790-53-3
(SY) PH-8P
(SY) L-Isoleucine, N-(N(2)-(N(2)-(N-(N-(N-(N-L-tyrosylglycyl)glycyl)-L-phenylalanyl)-L-leucyl)-L-arginyl)-L-arginyl)-
(SY) L-Isoleucine, N-(N2-(N2-(N-(N-(N-(N-L-tyrosylglycyl)glycyl)-L-phenylalanyl)-L-leucyl)-L-arginyl)-L-arginyl)-
(SY) Tyr-Gly-Gly-Phe-Leu-Arg-Arg-Ile
(SY) tyrosyl-glycyl-glycyl-phenylalanyl-leucyl-arginyl-arginyl-isoleucine
(SY) dynorphin A (1-8)
(HM) *DYNORPHIN
(HM) *PEPTIDE FRAGMENTS
(II) HYPOTHALAMIC HORMONES
(NO) opioid octapeptide from porcine hypothalamus; comprises the N-terminal eight residues of dynorphin

dynorphin (3-13)
(RN) 89202-80-2
(HM) *DYNORPHIN
(HM) *PEPTIDE FRAGMENTS

dynorphin-32 see dynorphin(1-32)

dyrene
(RN) 101-05-3
(SY) anilazine
(HM) *TRIAZINES
(PA) FUNGICIDES, INDUSTRIAL
(NO) structure

dyspropterin
(SY) 6-(1,2-dioxopropyl)-5,6,7,8-tetrahydropterin
(HM) *PTERINS
(NO) intermediate in biosynthetic pathway of tetrahydrobiopterin; structure given in first source

dysprosium-HEDTA see HEDTA

dytransin see ibufenac

DZTFPOGP see 2-diazo-3-trifluoropropionyloxy geranyl pyrophosphate

D-12524 see lopirazepam

D-13625 see alifedrine

D 13625 see alifedrine

D 15414
(SY) D-15414
(HM) *INDOLES
(PA) ESTROGEN ANTAGONISTS
(NO) hydroxy derivative of D 16726; structure given in first source

D-15414 see D 15414

D 16726
(SY) D-16762
(SY) 5-acetoxy-2-(4-acetoxyphenyl)-1-ethyl-3-methylindole
(HM) *INDOLES
(PA) ESTROGEN ANTAGONISTS
(NO) structure given in first source

D-16762 see D 16726

D 2343
(RN) 72734-63-5
(RR) 72734-58-8 (HCl)
(SY) N-(3-(2-methoxyphenyl)-1,1-dimethylpropyl)-1-(p-hydroxyphenyl)ethanolamine HCl
(HM) NORSYNEPHRINE/*analogs
(PA) ADRENERGIC BETA RECEPTOR AGONISTS
(PA) ADRENERGIC ALPHA RECEPTOR BLOCKADERS
(NO) beta 2-adrenoreceptor agonist with alpha 1-adrenoreceptor blocking properties; RN given refers to parent cpd; structure given in first source

D 287-170
(RN) 82643-00-3
(SY) D-287-170
(HM) *FLUORESCENT DYES
(NO) fluorochrome for selectively staining chromosomes; chemical variation of DAPI(4',6-diamidino-2-phenylindole); no other info available 5/3/83

D-287-170 see D 287-170

D-301 see Bradophen

D-306 see stiripentol

D 32 see D-32

D-32
(RN) 30187-90-7
(RR) 15263-30-6 (HCl)
(RR) 59708-57-5 (HCl(+-)-isomer)
(RR) 85275-63-4 (HCl(+)-isomer)
(SY) 1-t-butylamino-3-(2',3'-dimethylphenoxy)-2-propanol.HCl
(SY) D 32
(SY) xibenolol
(HM) *PROPANOLAMINES
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS
(NO) RN given refers to parent cpd without isomeric designation; structure

D 41 see tromantadine

D 47 see dibenzthione

D-52 see quinocarcin

D 52 see quinocarcin

D 53
(HM) *BACTERIAL VACCINES
(II) KLEBSIELLA PNEUMONIAE/immunol
(II) STREPTOCOCCUS PNEUMONIAE/immunol
(II) STREPTOCOCCUS PYOGENES/immunol
(II) HAEMOPHILUS INFLUENZAE/immunol
(II) RIBOSOMES/immunol
(NO) ribosomal vaccine from Klebsiella pneumonia,Streptococcus pneumonia, Streptococcus pyogenes A(12) & Haemophilus influenzae

D 591 see norverapamil

D 890
(RN) 82736-00-3
(SY) D-890
(HM) GALLOPAMIL/*analogs
(NO) quaternary derivative of gallopamil

D-890 see D 890

D 8955 see tinofedrine

D-9998 see flupirtine

D 9998 see flupirtine

EAA chromone see 6,7-dihydro-6,8,8,10-tetramethyl-8H-pyrano(3,2-g) chromone-2-carboxylic acid

4-EAAD see 4-ethenylidene-5 alpha-androstane-3,17-dione

1-EAC see 1-ethyl-3-(4-azonia-4,4-dimethylpentyl)carbodiimide

EaeI endonuclease see endodeoxyribonuclease EaeI

EAHC see 2-desacetyleupaserrin

EANPOP see 1,2-epoxy-3-(4'-azido-2'-nitrophenoxy)propane

early methionine-labelled polypeptide
(SY) early methionine-labelled E(M) polypeptide
(SY) EMLPP
(HM) *PLANT PROTEINS
(II) WHEAT
(NO) most abundant peptide in cytosolic fraction of dry wheat embryos; DNA sequence encoding of this peptide given in first source

early methionine-labelled E(M) polypeptide see early methionine-labelled polypeptide

early pregnancy factor
(HM) *IMMUNOSUPPRESSIVE AGENTS
(NO) immunosuppressive factor detected in serum of animals after mating; as early as six hours after mating in mice

EA 2233 see 1-hydroxy-3-(1',2'-dimethylheptyl)-6,6,9-trimethyl-7,8,9,10-tetrahydro-6-dibenzopyran acetate

EA-2233 see 1-hydroxy-3-(1',2'-dimethylheptyl)-6,6,9-trimethyl-7,8,9,10-tetrahydro-6-dibenzopyran acetate

EA(3) see beta-1,3-glucan

EBA alumina cement
(HM) *ALUMINUM OXIDE
(II) DENTAL CEMENTS

EBA antigen see epidermolysis bullosa acquisita antigen

EBAP
(SY) EBAP protocol
(HM) CARMUSTINE
(HM) VINDESINE
(HM) DOXORUBICIN
(HM) PREDNISONE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of vindesine, carmustine, doxorubicin and prednisone

EBAP protocol see EBAP

2,2'-EBBMB see 2,2'-ethylenebis(6-(bromomethyl)-4-benzoquinone)

ebelactone A
(RN) 76808-16-7
(SY) 3,11-dihydroxy-2,4,6,8,10,12-hexamethyl-9-oxo-6-tetradecenoic 1,3-lactone
(SY) 2-Oxetanone, 4-(8-hydroxy-1,3,5,7,9-pentamethyl-6-oxo-3-undecenyl)-3-methyl-
(HM) LACTONES
(PA) ANTIBIOTICS
(NO) esterase inhibitor; structure given in first source

ebelactone B
(RN) 76808-15-6
(SY) 2-ethyl-3,11-dihydroxy-4,6,8,10,12-pentamethyl-9-oxo-tetradecenoic 1,3-lactone
(SY) 2-Oxetanone, 3-ethyl-4-(8-hydroxy-1,3,5,7,9-pentamethyl-6-oxo-3-undecenyl)-
(HM) LACTONES
(PA) ANTIBIOTICS
(NO) esterase inhibitor; structure given in first source; see also ebelactone A

E2D-17 beta-estradiol see estradiol-17 beta-decanoate

2,2'-EBHMB see 2,2'-ethylenebis(6-hydroxymethyl)-4-benzoquinone

EBHP see ethylbenzene hydroperoxide

EBLSP see substance P, epsilon-biotinyl-Lys(3)-

EBNA see EBV-associated nuclear antigen

EBNU see 1,1-ethylenebis(1-nitrosourea)

eboracin
(RN) 57310-23-3
(SY) methyl 1,3a,4,8a-tetrahydro-3a,8b-dihydroxy-2-methyl-4-oxoindeno(1,2b)pyrrole-3-carboxylate
(HM) *INDENES
(PA) ANTICONVULSANTS
(NO) specifically inhibits tonic component of metrazol seizures in mice; structure

Ebrantil see urapidil

E-5-(2-bromovinyl)-dUrd see 5-(2-bromovinyl)-2'-deoxyuridine

E2-BSA see estradiol-bovine serum albumin

E2-17-G-BSA see estradiol-17-glucosiduronate-(C-6)-bovine serum albumin conjugate

4-EBSDE see 4-ethoxybenzenesulfonic acid 2-(dimethylamino)ethyl ester

ebselen see PZ 51

eburnamonine
(RN) 474-00-0
(RR) 4880-88-0 ((3alpha,16alpha)-isomer)
(RR) 38521-11-8 (mono-HCl(3alpha,16alpha)-isomer)
(RR) 77117-62-5 (unspecified phosphate(3alpha,16alpha)-isomer)
(SY) (-)-eburnamonine
(SY) cervoxan
(HM) *VINCA ALKALOIDS
(PA) VASODILATOR AGENTS
(NO) RN given refers to cpd with unspecified isomeric designation

(-)-eburnamonine see eburnamonine

EBV-associated membrane antigen
(SY) Epstein-Barr virus membrane antigen
(SY) EBV-MA
(SY) EBVCS antigen
(SY) EBV-MA gp340
(HM) *ANTIGENS, VIRAL
(II) EPSTEIN-BARR VIRUS/immunol
(II) MEMBRANE PROTEINS/immunol
(II) CAPSID/immunol

EBV-associated nuclear antigen
(SY) EBNA
(SY) Epstein-Barr virus nuclear antigen
(SY) EBV nuclear K antigen
(SY) EBV nuclear M antigen
(HM) *ANTIGENS, VIRAL
(II) EPSTEIN-BARR VIRUS/immunol
(II) CELL NUCLEUS/immunol

EB-VCA see Epstein-Barr viral capsid antigen

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EBV capsid antigen see Epstein-Barr viral capsid antigen

EBVCS see differentiation antigens, B-lymphocyte

EBVCS antigen see EBV-associated membrane antigen

EBV-EA see Epstein-Barr virus early antigen

EBV-MA see EBV-associated membrane antigen

EBV-MA gp340 see EBV-associated membrane antigen

EBV nuclear K antigen see EBV-associated nuclear antigen

EBV nuclear M antigen see EBV-associated nuclear antigen

EBV receptors see Epstein-Barr virus receptor

EBZCASP see ethyl 2-(benzyloxycarbonylamino)-3-sulfamoylpropionate

EcaI restriction endonuclease see endodeoxyribonuclease EcaI

ecarin
(RN) EC 3.4.99.27
(SY) echarin
(SY) Echis carinatus prothrombin-activating proteins
(SY) prothrombin activator (Echis carinatus venom)
(SY) prothrombin activation fragments, ecarin
(HM) *PEPTIDE PEPTIDOHYDROLASES
(PA) FIBRINOLYTIC AGENTS
(II) VIPER VENOMS
(II) ENZYME ACTIVATION
(NO) cleaves specifically Arg-Ile bond in prothrombin; procoagulant enzyme from Echis carinatus venom which converts prothrombin to thrombin

ECCDRF see embryonal carcinoma cell differentiation retarding factor

8,2-ECDA see 8,2'-ethano-cyclo-2'-deoxyadenosine

ECDGF see endothelial growth factors

ecdysone 20-hydroxylase see ecdysone 20-monooxygenase

ecdysone 20-monooxygenase
(RN) EC 1.14.99.22
(SY) ecdysone 20-hydroxylase
(HM) *STEROID HYDROXYLASES

ecdysone-22-phosphate
(RN) 82183-62-8
(HM) ECDYSONE/*analogs
(II) LOCUSTS
(NO) phosphate ester from eggs of Schistocerca gregaria

ecdysteroid receptor
(SY) receptor, ecdysteroid
(SY) ecdysteroid receptors
(SY) ecdysterone receptor
(HM) *RECEPTORS, STEROID
(II) INVERTEBRATE HORMONES
(II) ECDYSTERONE

ecdysteroid receptors see ecdysteroid receptor

ecdysteroids
(HM) *INVERTEBRATE HORMONES

ecdysterone receptor see ecdysteroid receptor

ecgonine
(RN) 481-37-8
(RR) 5796-31-6 (HCl)
(RR) 481-38-9 ((1R-(2-endo,3-exo))-isomer)
(RR) 75045-20-4 (acetate(1R-(exo,exo))-isomer)
(HM) COCAINE/*analogs
(NO) RN given refers to (1R-(exo,exo))-isomer; RN for cpd without isomeric designation not in Chemline 7/83; structure

ecgonine methyl ester
(RN) 7143-09-1
(RR) 74562-04-2 ((1R-(2-exo,3-endo))-isomer)
(RR) 65913-90-8 ((1R-(2-endo,3-exo))-isomer)
(RR) 53955-92-3 ((1R-(endo,endo))-isomer)
(RR) 50373-09-6 ((1S-(endo,endo))-isomer)
(RR) 38969-40-3 (HCl(1R-(exo,exo))-isomer)
(SY) methyl ecgonine
(HM) COCAINE/*analogs
(NO) major metabolite of cocaine; RN given refers to parent cpd (1R-(exo,exo))-isomer; RN for cpd without isomeric designation not in Chemline 7/83

echarin see ecarin

Echinacin
(RN) 8001-18-1
(SY) echinacina B
(HM) *PLANT EXTRACTS
(PA) ANTI-INFLAMMATORY AGENTS
(II) PLANTS, MEDICINAL
(NO) used in primary chronic polyarthritis therapy; from Echinacin purpurea

echinacina B see Echinacin

echinatine see indicine

echinocandin B
(RN) 54651-05-7
(HM) PEPTIDES
(PA) ANTIBIOTICS, ANTIFUNGAL
(NO) polypeptide antibiotic isolated from Aspergillus nidulans var. echinulatus with specific anti-yeast activity

echinopsine
(RN) 83-54-5
(HM) *QUINOLINES
(NO) structure

echinoside A
(RN) 75410-53-6
(SY) holothurin A2
(HM) *HOLOTHURIN/analogs
(II) SEA CUCUMBERS
(NO) RN given refers to Na salt RN for parent cpd not in Chemline 2/85; structure given in first source

echinosporin
(RN) 79127-35-8
(SY) XK-213
(HM) LACTONES
(PA) ANTIBIOTICS
(NO) from Streptomyces echinosporus MK-213; structure given in first source

echinuline
(RN) 1859-87-6
(HM) *ALKALOIDS
(NO) tri-isoprenylated cyclic dipeptide from Aspergillus amstelodami; structure; Rn given refers to (3S-cis)-isomer; RN for compd without isomeric designation not in Chemline 6/84

Echis carinatus prothrombin-activating proteins see ecarin

echitamine
(RN) 6871-44-9
(RR) 6878-36-0 (chloride(3beta,16R)-isomer)
(RR) 6871-44-9 ((3beta,16R)-isomer)
(SY) ditaine
(HM) *ALKALOIDS
(NO) RN given refers to parent cpd (3beta,16R)-isomer; RN for cpd without isomeric designation not in Chemline 7/83; structure

ECHO
(HM) ETOPOSIDE
(HM) CYCLOPHOSPHAMIDE
(HM) VINCRISTINE
(HM) DOXORUBICIN
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

echocon see SHU 454

1-ECHPP see 1-(ethoxycarbonyl)-3-hydroxy-3-phenyl-2-piperidinone

Echtblausalz see Fast Blue BB

eclosion hormone
(HM) *INSECT HORMONES
(II) MOTHS
(NO) 8500 dalton peptide isolated from the nervous system of pharate moths; appears in blood 1.5-2 hours before each ecdysis & not at any other time

E-3-CME see estriol-3-carboxymethyl ether

E3-6-CMO-ABEI see estriol-6-carboxymethyloxime-aminobutyl-N-ethylisoluminol

E2-6CMO-BSA-FITC see estradiol 6-O-carboxymethyloxime-bovine serum albumin-fluorescein isothiocyanate

1-ECMPP see 1-(ethoxycarbonyl)-3-methoxy-3-phenyl-2-piperidinone

EcoA endonuclease see endodeoxyribonuclease EcoA

EcoB endonuclease see endodeoxyribonuclease EcoB

M.Eco dam methylase see DNA-adenine methylase

EcoD endonuclease see endodeoxyribonuclease EcoD

Eco471 endonuclease see endodeoxyribonuclease AvaII

Eco 47III endonuclease see endodeoxyribonuclease Eco 47III

EcoK endonuclease see endodeoxyribonuclease EcoK

EcoK restriction endonuclease see endodeoxyribonuclease EcoK

E coli Ada protein see Ada regulatory protein, E coli

E coli endotoxin 0111-B4 see endotoxin, Escherichia coli 0111-B4

E coli enterotoxin receptor see enterotoxin receptor

E. coli exonuclease I see exodeoxyribonuclease I

E coli exonuclease VII see exodeoxyribonuclease VII

E coli exonuclease VIII see exodeoxyribonuclease VIII

E coli heat-labile toxin see enterotoxin LT

E coli heat-stable enterotoxin see heat stable toxin (E coli)

E coli heat stable toxin see heat stable toxin (E coli)

E coli IMP see E coli inner membrane protein

E coli inner membrane protein
(SY) E coli IMP
(HM) *MEMBRANE PROTEINS
(II) BACTERIAL PROTEINS
(NO) hydrophobic 33,000 MW protein expressed from the left-end EcoR1-C fragment of phage Mu

E. coli lysis protein see lysis protein (E. coli)

E coli periplasmic oligopeptide-binding protein see oligopeptide-binding protein

E coli K88 pilus antigen see K88 antigen

E coli polysaccharide K1 see K1 polysaccharide

E coli protease I see Escherichia coli periplasmic proteinase

E coli protease inhibiting protein see Ecotin

E coli protein a
(SY) component a
(HM) *BACTERIAL PROTEINS
(II) RECEPTORS, DRUG

E Coli B restriction-modification enzyme see endodeoxyribonuclease EcoB

E. coli ribosomal protein S8 see ribosomal protein S8

E coli ribosomal relase factor 1 see peptide chain termination release factor 1

E coli ribosomal release factor 2 see peptide chain termination release factor 2

E coli serine protease Do see protease Do

EcoP1 endonuclease see endodeoxyribonuclease EcoP1

Eco-RI see endodeoxyribonuclease EcoRI

Eco RI see endodeoxyribonuclease EcoRI

EcoRI endonuclease see endodeoxyribonuclease EcoRI

EcoRII DNA methylase
(RN) EC 2.1.1.-
(SY) Eco RII methylase
(HM) *METHYLTRANSFERASES

EcoRII endonuclease see endodeoxyribonuclease EcoRII

Eco RII methylase see EcoRII DNA methylase

EcoRII restriction enzyme see endodeoxyribonuclease EcoRII

EcoRI Methylase
(RN) EC 2.1.1.-
(HM) *METHYLTRANSFERASES
(NO) this is a modification not restriction enzyme

EcoRI restriction endonuclease see endodeoxyribonuclease EcoRI

Eco RV see endonuclease Eco RV

Ecotin
(SY) E coli protease inhibiting protein
(HM) *BACTERIAL PROTEINS
(PA) TRYPSIN INHIBITORS
(PA) PROTEASE INHIBITORS
(II) ESCHERICHIA COLI
(NO) protein MW 38,000 from E coli

EcoVIII endonuclease see endodeoxyribonuclease HindIII

ectericide
(RN) 58615-58-0
(HM) *ANTI-INFECTIVE AGENTS, LOCAL
(PA) ANTITUBERCULAR AGENTS
(NO) anti-infective ointment from fish fat; Russian drug

24-EC-3,7,12,24-tetrol see
24-ethylcholestane-3,7,12,24-tetrol

ecto-adenosine triphosphatase see ectoATPase

ectoATPase
(RN) EC 3.6.1.-
(SY) ecto-adenosine triphosphatase
(SY) ATPase, ecto
(HM) *ADENOSINE TRIPHOSPHATASE
(NO) found in human leukocytes

ectocarpene
(RN) 33156-93-3
(SY) 1-(1-butenyl)-2,5-cycloheptadiene
(HM) *CYCLOHEPTANES
(II) PHEROMONES
(NO) algal pheromone; structure given in first source

ectoglycosyltransferases
(RN) EC 2.4.-
(HM) *HEXOSYLTRANSFERASES

ectoine
(SY) 1,4,5,6-tetrahydro-2-methyl-4- pyridinecarboxylic acid
(HM) *AMINO ACIDS, DIAMINO
(NO) cyclic amino acid from halophototrophic bacteria of genus Ectothiorhodospira; structure given in first source

ecto-5'-nucleotidase see 5'-nucleotidase

ectoprotein kinase
(RN) EC 2.7.1.-
(SY) ecto-protein kinase
(HM) *PROTEIN KINASES
(NO) from viral outer plasma membranes

ecto-protein kinase see ectoprotein kinase

24-ECTO see 24-ethylcholesta-5,7,23-trien-3-ol

N,N'-EDADT see N,N'-ethylenediaminеditetrodotoxin

4-EDAD see 4-ethenylidene-5 alpha-androstane-3 beta,17 beta-diol

EDAMP see O-ethyl-S(2) diisopropylaminoethylmethyl phosphorothiolate

EDBFMP see
ethyl-2-(4-dibenzofuranyloxy)-2-methylpropionic acid

EDBHA see
ethylenediamine-N,N'-bis(2-hydroxyphenylacetic acid)

EDBPHA see
ethylenediamine-N,N'-bis(2-hydroxyphenylacetic acid)

EDC methiodide see
1-ethyl-3-(3-dimethylaminopropyl)carbodiimide methiodide

EDDA
(RN) 5657-17-0
(RR) 38014-29-8 (mono-Na salt)
(RR) 38011-25-5 (di-Na salt)
(RR) 32575-57-8 (unspecified Cu salt)
(SY) N,N'-ethylenediaminediacetic acid
(HM) EDTA/*analogs
(II) CHELATING AGENTS
(NO) RN given refers to parent cpd

EDDHA see
ethylenediamine-N,N'-bis(2-hydroxyphenylacetic acid)

EDDSA see N,N'-ethylenediamine disuccinic acid

edeine A
(RN) 52452-77-4
(RR) 27656-72-0 (edeine A1)
(SY) edeine A1
(HM) *EDEINE/analogs
(HM) SPERMIDINE/*analogs
(NO) antibiotic which consists of linear oligopeptides conjugated with spermidine; RN given refers to cpd with unknown MF

edeine A1 see edeine A

edeine B
(RN) 52452-78-5
(RR) 71743-14-1 (sulfate)
(RR) 27656-73-1 (edeine B1)
(SY) edeine B1
(HM) *EDEINE/analogs
(HM) SPERMIDINE/*analogs
(NO) antibiotic which consists of linear oligopeptides conjugated with guanidinospermidine; RN given refers to cpd with unknown MF

edeine B1 see edeine B

edeine D
(RN) 40627-96-1
(SY) 1-(D-3-phenyl-beta-alanine)edeine A1
(HM) *EDEINE/analogs
(NO) from Bacillus brevis Vni(4);structure given in first source

edeine F
(RN) 71750-64-6
(SY) 1-(D-3-phenyl-beta-alanine)edeine B1
(HM) *EDEINE/analogs

ederpin
(RN) 25635-68-1
(HM) *AZIRIDINES
(PA) ANTINEOPLASTIC AGENTS

edestin
(RN) 9007-57-2
(HM) *PLANT PROTEINS
(NO) globulin from hemp, rye & cottonseeds

EDGF see eye-derived growth factor

edifenphos
(RN) 17109-49-8
(SY) hinosan
(SY) Bay 78418
(SY) O-ethyl-S,S-diphenyl phosphorodithioate
(HM) *ORGANOTHIOPHOSPHORUS COMPOUNDS
(PA) INSECTICIDES, ORGANOTHIOPHOSPHATE
(PA) CHOLINESTERASE INHIBITORS
(NO) structure

edikron
(RN) 38273-00-6
(RR) 32953-81-4 ((Z)-isomer)
(SY) gamma,gamma-bis(4-ethylphenyl)-alpha,beta-dibromoisocrotonic acid
(HM) *CROTONIC ACIDS
(PA) ANTINEOPLASTIC AGENTS
(NO) RN given refers to cpd with unspecified isomeric designation; structure

EDIM see VX

editempa see (ethylenedinitrilo)-tetramethylenephosphonic acid

editempa acid see
(ethylenedinitrilo)-tetramethylenephosphonic acid

4'-EDMD see 4'-(2-ethyldiazomalonyl)digitoxigenin

EDMM see 33 SN

EDMMDPD see
9-ethoxy-5,9-dimethyl-1-((3,4-methylenedioxy)phenoxy)-3-decene

EDM-T4 see N-(ethyl-2-diazomalonyl)thyroxine

EDRF see endothelium-derived relaxant factor

EDS-4-hydroxylase see estradiol 17-sulfate 4-hydroxylase

2,3-EDSQ see 2,3-oxidosqualene

EDTA-ATPase
(RN) EC 3.6.1.-
(SY) ATPase, EDTA
(SY) K+(EDTA) ATPase
(SY) EDTA-K+-ATPase
(HM) *ADENOSINE TRIPHOSPHATASE
(NO) aspect of EC 3.6.1.3

EDTA-K+-ATPase see EDTA-ATPase

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EDTAC
(RN) 66458-09-1
(HM) EDTA/*analogs
(II) CHELATING AGENTS
(NO) used for enlargement of narrow root canals & cleansing of instrumental dentinal walls; no other information available 2/24/82

EDTA-cobalt chelate see cobalt-ethylenediamine tetraacetic acid chelate

EDTA-extractable protein (lens membrane)
(SY) EEP (lens membrane)
(HM) *EYE PROTEINS
(NO) from lens fiber membrane

D-EDTA-Fe see distamycin-EDTA-iron(II)

EDTCPB see ethyl 4-(2-(4,4-dimethylthiochroman-6-yl)propenyl) benzoate

EDTO see 6,6-dimethyl-2-erythrofuranosyl-4,5,6,7-tetrahydroindol-4-one

EDTPO see (ethylenedinitrilo)-tetramethylenephosphonic acid

EEBG see ethylglyoxal bis(guanylhydrazone)

EE3CPE see 17 alpha-ethinylestriol 3-cyclopentyl ether

EEDQ
(RN) 16357-59-8
(SY) BC 681
(SY) N-carbethoxy-2-ethoxy-1,2-dihydroquinoline
(SY) N-ethoxycarbonyl-2-ethoxy-1,2-dihydroquinoline
(HM) *QUINOLINES
(PA) ADRENERGIC ALPHA RECEPTOR BLOCKADERS
(NO) peptide coupling reagent

eEF-Ts see elongation factor Ts

eel fucose-binding lectin see fucose-binding protein

EEP (lens membrane) see EDTA-extractable protein (lens membrane)

EEPTB see 5-ethyl-5-(1-ethylpropyl)-2-thiobarbituric acid

EETHO see endo-ethenotetrahydrooripavine

EF-1alpha see elongation factor 1

Efamol
(SY) Evening primrose oil
(HM) *FATTY ACIDS, UNSATURATED
(PA) ANTILIPEMIC AGENTS
(PA) IMMUNOSUPPRESSIVE AGENTS
(II) DERMATOLOGIC AGENTS
(NO) used in treatment of atopic eczema; rich source of gamma-linolenic & linoleic acids

efatin
(RN) 53988-96-8
(SY) ephatin
(HM) *ATROPINE
(HM) *PROCAINE
(HM) *EPHEDRINE
(HM) DRUG COMBINATIONS
(NO) aerosol combination of atropine, procaine, ephedrine used for treatment of bronchial spasm; Russian

efatiolene see cefatiolene

efavit
(RN) 87495-27-0
(HM) *FATTY ACIDS, UNSATURATED
(HM) *ZINC
(HM) *NIACIN
(HM) *PYRIDOXINE
(HM) DRUG COMBINATIONS
(NO) combination of efamol & cofactors zinc, ascorbic acid, niacin, & pyridoxine; used in rheumatoid arthritis therapy

EF-1beta,gamma see elongation factor 1

EFDA see epoxyfarnesyl diazoacetate

E-ferol see vitamin E acetate

efferalgan
(RN) 77097-85-9
(HM) *ACETAMINOPHEN
(HM) *ASCORBIC ACID
(HM) DRUG COMBINATIONS

Efferdent
(RN) 66813-31-8
(HM) *PEROXIDES
(II) DENTURE CLEANSERS
(NO) alkaline peroxide

EF-G see elongation factor G

efloxate
(RN) 119-41-5
(SY) Recordil
(HM) *FLAVONES
(PA) VASODILATOR AGENTS
(NO) structure

EFMN see N-(2-hydroxyethyl)-N-(formylmethyl)nitrosamine

EF-P see factor EF-P

EF-RAG
(SY) emulsifying factor, Arthrobacter RAG-1
(HM) *LIPOPOLYSACCHARIDES
(II) SURFACE-ACTIVE AGENTS
(NO) emulsifies hydrocarbon substrate

efrapeptin
(RN) 56645-91-1
(SY) A 23871
(SY) A23871
(HM) PEPTIDES
(PA) ANTIBIOTICS

efrotomycin
(RN) 56592-32-6
(HM) PYRIDONES
(PA) ANTIBIOTICS
(NO) from Streptomyces lactamdurans; structure

EF-T see elongation factor T

Eftapan see eprazinone

EF-Ts see elongation factor Ts

EF-1 see elongation factor 1

EF-2 see elongation factor 2

EF3 see peptide elongation factor 3

EF-3 see peptide elongation factor 3

egasyn
(HM) *MEMBRANE PROTEINS
(NO) protein complexed with microsomal, but not lysosomal, beta-glucuronidase, e.g., endoplasmic glucuronidase; syn- from Greek root "to hold together"; membrane-associated glycoprotein which stabilizes membrane binding of glucuronidase

EGBSS see ethylene glycolylbis(succinimidyl succinate)

EGF (32-48), 33,42-cysteinesulfonate- see epidermal growth factor (32-48), Cys-SO3H(33),(42)-

EGF receptor see epidermal growth factor receptor

EGF receptor-kinase see epidermal growth factor receptor-kinase

EGF receptors see epidermal growth factor receptor

EGF-ricin see epidermal growth factor-ricin complex

EGF-ricin A chain see epidermal growth factor-ricin complex

EGF-URO receptor see epidermal growth factor receptor

egg-laying hormone (Aplysia)
(HM) *INVERTEBRATE HORMONES
(NO) from bag cell neurons of Aplysia

egg surface sperm receptor, sea urchin see bindin receptor

egg-white cystatin see cystatin, egg-white

egg yolk protein (Caenorhabditis) see egg yolk proteins

egg yolk protein (Drosophila) see egg yolk proteins

egg yolk proteins
(RN) 81032-19-1
(SY) egg yolk protein (Drosophila)
(SY) egg yolk protein (Caenorhabditis)
(SY) yolk proteins
(HM) *EGG PROTEINS
(II) EGG YOLK

eglin b
(HM) *PROTEINS
(PA) PROTEASE INHIBITORS
(NO) tyrosine replaced by histidine at position 35 of eglin c

eglin C see elastase-cathepsin G inhibitor

eglins see elastase-cathepsin G inhibitor

EGYT 2347
(RN) 70133-84-5
(SY) EGYT-2347
(SY) 2-chloro-12-(2-piperidinoethyl)dibenzo(d,g)-1,3,6-dioxazocine
(HM) *DIBENZOXAZEPINES
(PA) BUTYRYLCHOLINESTERASE/antag
(NO) structure given in first source

EGYT-2347 see EGYT 2347

EGYT-341 see tofisopam

EGYT 475
(RN) 39640-15-8
(SY) EGYT-475
(SY) 1-benzyl-4-(2'-pyridylcarbonyl)piperazine
(HM) *PIPERAZINES
(PA) ANTIDEPRESSIVE AGENTS

EGYT-475 see EGYT 475

EGYT-739 see guanazodine

EG 1088
(RN) 82163-55-1
(SY) EG-1088
(HM) *QUINAZOLINES
(PA) ANTIHYPERTENSIVE AGENTS

EG-1088 see EG 1088

EG-266 see phthalazinol

EG 626 see phthalazinol

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EHALD see 2-ethylhexanal

EHBB see benzarone

E2-HC-BSA-FITC see estradiol 17-hemisuccinate-bovine serum albumin- fluorescein isothiocyanate

EHHC see 1 alpha,2 alpha-epoxyhexahydrocannabinol

EHHDA see 11,12-epoxy-10-hydroxy-8-heptadecenoic acid

EHIDA see technetium Tc 99m diethyl IDA

EHIQ see 1-ethyl-1,2,3,4,6,7-hexahydroindolo(2,3-a) quinolizinium

EHMA see 3-ethoxy-4-hydroxymandelic acid

EHNA see 9-(2-hydroxy-3-nonyl)adenine

EHOO see TSAA 291

EHPG see ethylenediamine-N,N'-bis(2-hydroxyphenylacetic acid)

3-EHPG see 3-ethoxy-4-hydroxyphenylglycol

Ehrlich's reagent see 4-(dimethylamino)benzaldehyde

EHTMBHQ see 5,7-ethano-4,5,5a,6,7,11b-hexahydro-2,6,7-trimethyl-1H-benzo(g)homoquinolin-9-ol

EHTMBQ see 4,6-ethano-3,4,4a,5,6,10b-hexahydro-2,5,6-trimethylbenzo(f)quinolin-8-ol

8-EH-2 see 8-hydroxy-11,12-epoxyeicosa-5,8,14-trienoic acid

eicosapentaenoic acid ethyl ester
(RN) 73310-10-8
(SY) ethyl eicosapentaenoate
(HM) 5,8,11,14,17-EICOSAPENTAENOIC ACID/*analogs

6,8,11,14-eicosatetraenoic acid 5-hydroperoxide see arachidonic acid 5-hydroperoxide

5,8,11,14-eicosatetraenyl (3-aminopropyl)phosphonate see URI 73A

4,7,10,13-eicosatetraynoic acid
(RN) 77178-73-5
(SY) 4,7,10,13-EYTA
(SY) 4,7,10,13-icosatetraynoic acid
(SY) ITYA
(HM) *5,8,11,14-EICOSATETRAYNOIC ACID
(II) ISOMERISM
(NO) inhibits synthesis of 12-L-hydroxy-5,8,11,14-eicosatetraenoic acid (HETE)

11,14,17-eicosatrienoate see 11,14,17-eicosatrienoic acid

11,14,17-eicosatrienoic acid
(RN) 2091-27-2
(RR) 17046-59-2 ((Z,Z,Z)-isomer)
(SY) 11,14,17-eicosatrienoate
(HM) *8,11,14-EICOSATRIENOIC ACID
(II) ISOMERISM
(NO) RN given refers to cpd with unspecified isomeric designation

eicosa-5,11,14-trienoic acid
(RN) 15541-36-3
(SY) icosa-5,11,14-trienoic acid
(HM) *ARACHIDONIC ACIDS

5,8,11-eicosatrienoic acid
(RN) 2751-14-6
(HM) *8,11,14-EICOSATRIENOIC ACID
(II) ISOMERISM

eicosa-8,11,14-trien-5-ynoic acid
(RN) 58688-54-3
(SY) eicosa-cis-8,11,14-trien-5-ynoic acid
(HM) *8,11,14-EICOSATRIENOIC ACID/analogs
(NO) RN given refers to (all-Z)-isomer; RN for cpd without isomeric designation not in Chemline 7/83; structure in first source

eicosa-cis-8,11,14-trien-5-ynoic acid see eicosa-8,11,14-trien-5-ynoic acid

5,8,11-eicosatriynoic acid
(RN) 13488-22-7
(HM) *FATTY ACIDS, UNSATURATED
(NO) a lipoxygenase inhibitor

eicosa-5,11,14-trynoic acid
(SY) icosa-5,11,14-trynoic acid
(HM) *ARACHIDONIC ACIDS

eicosa-5,8,14-trynoic acid
(SY) icosa-5,8,14-trynoic acid
(HM) *ARACHIDONIC ACIDS

eIF
(HM) *PEPTIDE INITIATION FACTORS

eIF-2alpha kinase see eIF-2 kinase

eIF-2alpha see eIF-2

eIF-2beta see eIF-2

eIF-2 kinase
(RN) EC 2.7.1.-
(SY) eIF-2alpha kinase
(SY) eukaryotic initiation factor 2alpha kinase
(SY) dsRNA-activated inhibitor
(SY) heme controlled repressor
(SY) protein kinase, self-phosphorylating
(SY) self-phosphorylating protein kinase
(SY) SPK 380
(SY) DSRNA-dep protein kinase
(SY) double stranded RNA-dependent eIF-2 alpha protein kinase
(SY) heme-controlled inhibitor
(HM) *PROTEIN KINASES
(NO) inhibitor of polypeptide chain initiation; cyclic AMP independent aspect of EC 2.7.1.37

eif-2.Met-trNA(f(met).GDPCP see eIF-2 Met-tRNA(f)(met) GDPCP

eIF-2 Met-tRNA(f)(met) GDPCP
(SY) eIF-MtRNA-GDPCP
(SY) eif-2.Met-trNA(f)(met).GDPCP
(HM) *AMINO ACYL T RNA
(II) PEPTIDE INITIATION FACTORS
(NO) ternary initiation complex; GDPCP is a metabolically inert analog of GTP

eIF-MtRNA-GDPCP see eIF-2 Met-tRNA(f)(met) GDPCP

eIF-2 phosphatase
(RN) EC 3.1.3.-
(HM) *PHOSPHOPROTEIN PHOSPHATASES

eIF-2 stimulating protein
(SY) co-EIF-2
(SY) co-EIF-2A
(SY) co-EIF-2B
(SY) co-EIF-2C
(SY) eukaryotic initiation factor 2 stimulating protein
(SY) GDP exchange factor
(SY) protein factor RF
(SY) GDP-GTP reversing factor
(SY) peptide elongation factor Ts
(SY) guanosine nucleotide exchange factor
(HM) *PROTEINS
(II) PEPTIDE INITIATION FACTORS
(NO) catalyzes exchange of eIF-2-bound GDP for GTP, thus permitting the released eIF-2 to function in subsequent rounds of initiation

eIF-1
(SY) initiation factor IF1
(HM) *PROTEINS
(II) PEPTIDE INITIATION FACTORS

EIF-2 see eIF-2

eIF2 see eIF-2

eIF-2
(SY) protein initiation factor eIF-2
(SY) IF-E2
(SY) IF-2
(SY) eIF2
(SY) initiation factor 2
(SY) peptide initiation factor 2
(SY) eIF-2B
(SY) eIF-2alpha
(SY) eIF-2beta
(SY) EIF-2
(HM) *PROTEINS
(HM) *PEPTIDE INITIATION FACTORS
(NO) eif-2alpha is subunit of eif-2; eIF-2B is factor required for catalytic utilization of eIF-2; exists as complex with eIF-2

eIF-2B see eIF-2

EIF-3 see peptide initiation factor 3

eIF-4A
(SY) eukaryotic initiation factor eif-4A
(HM) *PEPTIDE INITIATION FACTORS
(NO) found almost exculsively in supernatant of a reticulocyte lysate

eIF4B see eIF-4B

eIF-4B
(SY) IF-4B
(SY) protein initiation factor eIF-4B
(SY) eIF4B
(HM) *PEPTIDE INITIATION FACTORS

eIF-4C
(SY) initiation factor 4C
(HM) *PEPTIDE INITIATION FACTORS

eIF-4D
(SY) eukaryotic initiation factor-4D
(HM) *PEPTIDE INITIATION FACTORS
(NO) found almost exclusively in supernatant of a reticulocyte lysate

EIF4F see eIF-4F

eIF-4F
(SY) IF-4F
(SY) protein intiation factor eIF-4F
(SY) EIF4F
(HM) *PEPTIDE INITIATION FACTORS
(NO) increases globin synthesis in a reconstituted system, apparently by enhancing the binding of mRNA to ribosomes; has composition similar to CBP II; restores capped mRNA translation in extracts of poliovirus-infected HeLa cells

eIF-5
(SY) peptide initiation factor 5
(HM) *PEPTIDE INITIATION FACTORS

E-1-(123I)-iodo-1-penten-5-yl)triphenylphosphonium iodide see (1-iodo-1-penten-5-yl)triphenylphosphonium

E-5-(2-iodovinyl)-dUrd see 5-(2-iodovinyl)-2'-deoxyuridine

EIPA see N-amidino-3-amino-5-ethylisopropylamino-6-chloropyrazine carboxamide

9,11-EIP-5,13-DEA see 9,11-epoxyiminoprosta-5,13-dienoic acid

EIPS see prostaglandin synthase inhibitor, endogenous

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Eisenberg solution see citric acid

ekalux see quinalphos

ekamet see etrimfos

ekatin see thiometon

elactocin
(SY) CI 940
(SY) CI-940
(SY) PD 114720
(SY) PD-114,720
(HM) FATTY ACIDS, UNSATURATED
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) produced by an actinomycete; structure given in first source

elaidic acid
(RN) 112-79-8
(RR) 18175-45-6 (Na salt(E)-isomer)
(RR) 17378-39-1 (K salt(E)-isomer)
(RR) 14170-08-2 (14C-labeled cpd (E)-isomer)
(RR) 14170-06-0 (10-(14)C-labeled cpd (E)-isomer)
(RR) 4363-11-5 (1-(14)C-labeled cpd (E)-isomer)
(RR) 4363-10-4 (9-(14)C-labeled cpd)
(HM) *OLEIC ACIDS
(II) STEREOISOMERS
(NO) stereoisomer of oleic acid; RN given refers to parent cpd (E)-isomer; structure

elaiophylin
(RN) 37318-06-2
(SY) elayofilin
(SY) azalomycin B
(SY) antibiotic 255-E
(SY) antibiotic 56-62
(HM) *ANTIBIOTICS
(NO) from Streptomyces violaceoniger; macrodiolide antibiotic; no other information available 3/11/82

elamol see tofenacin

elantan see isosorbide-5-mononitrate

elarzone see pipebuzone

elase
(RN) 8055-80-9
(SY) fibrolen
(SY) fibrolan
(HM) *FIBRINOLYSIN
(HM) *DEOXYRIBONUCLEASES
(HM) DRUG COMBINATIONS
(NO) combination of above two lytic enzymes of bovine origin used as adjunctive therapy in monilial vaginitis; powder for enzymatic surgical wound treatment

elasnin
(RN) 68112-21-0
(HM) *PROTEASE INHIBITORS
(NO) elastase inhibitor isolated from Streptomyces noboritoensis

elastase-cathepsin G inhibitor
(RN) 76829-37-3
(SY) eglin C
(SY) eglins
(SY) leukocyte elastase inhibitor
(SY) bronchial leukocyte elastase-cathepsin G inhibitor
(SY) Proteinase inhibitor
(HM) *PROTEINS
(PA) PROTEASE INHIBITORS
(NO) inhibits trypsin, chymotrypsin, leukocyte elastase & cathepsin; see also record for elastase inhibitor, mucus & leukocyte neutral proteinase inhibitors

elastatinal
(RN) 51798-45-9
(HM) *OLIGOPEPTIDES
(PA) ELASTASE/antag
(NO) elastase inhibitor found in culture filtrates of various species of actinomyces; structure

elastic fiber microfibrillar protein see microfibrillar protein

elastin polypentapeptide
(RN) 81857-53-6
(SY) polypentapeptide, elastin
(SY) H-(Val-Pro-Gly-Val-Gly))n)-Val-Ome
(HM) *PEPTIDES
(II) ELASTIN
(NO) above peptide is the most common recurring sequence within elastic fiber

elastoidin
(HM) *PROTEINS
(NO) fibrous protein of collagenous nature in teleost fins

elastomeric
(HM) *POLYMERS
(NO) surface bolus; tissue equivalent material placed around irradiated object to provide extra scattering or build up or attenuation in the beam

elatericin A see cucurbitacin D

elatericin B see cucurbitacin I

elayofilin see elaiophylin

elcatonin see 1,7-(aminosuberyl)calcitonin

electrolectin see galaptins

electron transfer flavoprotein see electron-transferring flavoprotein

electron transfer flavoprotein-Q oxidoreductases see electron-transferring flavoprotein dehydrogenase

electron-transferring flavoprotein
(SY) ET flavoprotein
(SY) ETF protein
(SY) electron transfer flavoprotein
(HM) *FLAVOPROTEINS
(NO) from pig kidney & liver

electron-transferring flavoprotein dehydrogenase
(RN) EC 1.-
(SY) ETF dehydrogenase
(SY) electron transfer flavoprotein-Q oxidoreductases
(HM) *MULTIENZYME COMPLEXES
(HM) *FATTY ACID DESATURASES
(NO) system formed of electron-transferring flavoproteins plus EC 1.3.99.2 or EC 1.3.99.3 (butyryl-CoA dehydrogenase or acyl-CoA dehydrogenase) which reduces ubiquinone & other acceptors

Electrophorus electricus sodium channel protein see sodium channel proteins

eledoisin-Bolton Hunter ligand see Bolton Hunter-eledoisin ligand

eledoisin receptor
(SY) eledoisin receptors
(SY) receptor, eledoisin
(HM) *SYNAPTIC RECEPTORS
(NO) specific tachykinin receptor; see also general term tachykinin receptor

eledoisin receptors see eledoisin receptor

eledoisin related peptide see substance P analog(eledoisin related peptide)

eledoisin(7-11)
(RN) 4846-01-9
(HM) *ELEDOISIN
(HM) *PEPTIDE FRAGMENTS

elemene
(RN) 11029-06-4
(HM) *OILS, VOLATILE
(NO) isolated from Curcuma wenyujin

elenolic acid
(RN) 34422-12-3
(RR) 34421-75-5 (Ca[2:1] salt (2S-(2alpha,3alpha,4beta))-isomer)
(RR) 64595-64-8 (unspecified Ca salt (2S-(2alpha,3alpha,4beta))-isomer)
(SY) calcium elenolate
(HM) *PYRANS
(PA) ANTIVIRAL AGENTS
(NO) extract of olive plant; RN given refers to (2S-(2alpha,3alpha,4beta))-isomer; RN for cpd without isomeric designation not in Chemline 7/83; structure

elephantopin
(RN) 13017-11-3
(HM) *TERPENES
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(NO) RN given refers to (1aR-(1aR*,3R*,8S*,8aR*,11aS*,11bR*))-isomer; RN for cpd without isomeric designation not in Chemline 7/85

eleutheroside A see lyoniside

Elevat see kelevan

elfazepam
(RN) 52042-01-0
(HM) *BENZODIAZEPINONES
(NO) animal feed intake stimulant

Elkapin see etozolin

Elliott's solution
(SY) Elliott's solution B
(HM) *ISOTONIC SOLUTIONS
(NO) physiological isotonic salt solution used during brain surgery

Elliott's solution B see Elliott's solution

ellipticine
(RN) 519-23-3
(RR) 33668-12-1 (HCl)
(RR) 55042-50-7 (tartrate)
(SY) NSC 71795
(HM) *ELLIPTICINES
(NO) RN given refers to parent cpd

ellipticinium see 2-methyl-9-hydroxyellipticinium

elmex
(RN) 37357-55-4
(RR) 62494-79-5 (elmex gelee)
(SY) elmex protector
(HM) *AMINES
(NO) amine fluoride gel; RN given refers to elmex

elmex protector see elmex

elocron 50 WP see dioxacarb

elongation enzyme I see elongation factor 1

elongation factor 1alpha see elongation factor 1

elongation factor eEF-Ts see elongation factor Ts

elongation factor G
(SY) EF-G
(SY) peptide elongation factor G
(HM) *PEPTIDE ELONGATION FACTORS
(NO) organellar elongation factor of E. coli; catalyzes translocation on 50-70S organellar ribosomes; inhibits enzymatic activity of stringent factor (SF) by binding to ribosomes

elongation factor P see factor EF-P

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elongation factor T
(SY) EF-T
(HM) *PEPTIDE ELONGATION FACTORS
(NO) prepared from EF-Ts & EF-Tu

elongation factor Ts
(SY) EF-Ts
(SY) eEF-Ts
(SY) elongation factor eEF-Ts
(HM) *PEPTIDE ELONGATION FACTORS

elongation factor 1
(SY) peptide chain elongation factor-1
(SY) polypeptide chain elongation factor-1
(SY) EF-1
(SY) elongation enzyme I
(SY) elongation factor 1alpha
(SY) EF-1alpha
(SY) EF-1beta,gamma
(HM) *PEPTIDE ELONGATION FACTORS

elongation factor 2
(SY) EF-2
(SY) peptide elongation factor 2
(SY) cytoplasmic elongation factor 2
(HM) *PEPTIDE ELONGATION FACTORS
(NO) catalyzes translocation step of protein synthesis on 80S ribosomes found in cytoplasm

elroquil see chlorfenethazine

elsan see phenthoate

elvax see ethylenevinylacetate copolymer

elvax-40 see ethylenevinylacetate copolymer

Elvax 40P see ethylenevinylacetate copolymer

ELY-1 alloantigen see ELY-1 antigen

ELY-2.1 alloantigen see ELY-2 antigen

ELY-1 antigen
(SY) ELY-1 alloantigen
(HM) *ANTIGENS, SURFACE

ELY-2 antigen
(SY) ELY-2.1 alloantigen
(SY) lymphocyte alloantigen ELY-2.1
(HM) *ANTIGENS, SURFACE
(II) ALLOANTIGENS
(NO) polymorphic locus of horse first detected 55 days after conception in serum of pregnant mare; suggests that source may be tissue of equine endometrial cups

elymoclavine
(RN) 548-43-6
(RR) 71110-97-9 (HCl)
(HM) *ERGOLINES
(NO) ergot alkaloid isolated from cultures of fungi parasitic on Elymis mollis Trin; toxic alkaloid produced by Claviceps purpurea; structure

EL 171 see EL-171

EL-171
(RN) 59756-60-4
(SY) fluridone
(SY) EL 171
(HM) *PYRIDONES
(PA) HERBICIDES

EL-273 see triarimol

EL-466 see pirifibrate

EL 485 see oxovinca

EL-614 see bromethalin

EL 614 see bromethalin

EL-919 see EL 919

EL 919
(RN) 73618-59-4
(SY) 7-nitro-2-(1,1,2,2-tetrafluoroethyl)-5-(trifluoromethyl)benzimidazole
(SY) EL-919
(SY) EL-979
(SY) EL 979
(HM) *BENZIMIDAZOLES
(NO) metabolite of nifluridide

EL 979 see EL 919

EL-979 see EL 919

EMA-PE see ethylene maleic anhydride polyelectrolyte

EMATP see anion transport proteins

embelin
(RN) 550-24-3
(SY) 2,5-dihydroxy-3-undecyl-1,4-benzoquinone
(SY) potassium embelate
(HM) *QUINONES
(II) PLANTS, MEDICINAL
(II) CONTRACEPTIVES, ORAL
(NO) structure

embolex see heparin-dihydergot

embonic acid see pamoic acid

EMBP see prostatic secretion protein

embrinogen
(HM) *NEOPLASM PROTEINS
(PA) ENZYME INHIBITORS
(NO) isolated from embryonal carcinoma F9 cells; MW 84,000; inhibits both plasminases A & B, urokinase & plasmin; its activation by trypsin yields embrin, a proteinase directed against plasmin heavy chain

embryoglycan
(HM) *POLYSACCHARIDES
(NO) high MW polygalactosamine-type glycan released from embryonal carcinoma glycoprotein antigens by pronase; inhibits immunoprecipitation of these antigens

embryonal carcinoma cell differentiation retarding factor
(SY) ECCDRF
(HM) *NEOPLASM PROTEINS
(NO) MW 57,000; inhibits both the spontaneous differentiation of NG2 embryonal carcinoma cells & F9 carcinoma cells induced by retinoic acid

embryonal carcinoma-derived growth factor
(SY) PC13 ECDGF
(HM) *GROWTH SUBSTANCES
(NO) MW 17,500 single chain hydrophobic molecule from PC13 embryonal carcinoma cells

embryonic PCC4 antigen see PCC4 embryonic antigen

embryonic prealbumin
(SY) prealbumin, embryonic
(HM) *GLYCOPROTEINS
(II) FETAL PROTEINS
(II) NEOPLASM PROTEINS
(NO) glycoprotein consisting of two immunologically identical forms, MW 41,000 & 68,000; found in fetal serum & in some tumor tissue; not the same as Main Heading PREALBUMIN

embryonic Z protein see plasma protein Z

embryonin
(HM) *ALPHA FETOPROTEINS
(II) GROWTH SUBSTANCES
(II) ALPHA MACROGLOBULINS
(NO) growth factor from bovine fetuin which resembles alpha 2-macroglobulin in physiochemical & immunological properties

EMDEX
(RN) 66828-18-0
(HM) *EXCIPIENTS

EMD 15700 see nitrefazole

EMD 16,923 see mepiprazole

EMD 21657 see tamitinol

EMD-23448 see EMD 23448

EMD 23448
(RN) 73966-59-3
(SY) 3-(4-(4-phenyl-1,2,3,6-tetrahydropyridyl-1)-butyl)indole
(SY) EMD-23448
(HM) *INDOLES
(PA) ADRENERGIC RECEPTOR AGONISTS
(NO) dopamine receptor agonist; RN given refers to unspecified HCl; RN for parent cpd not in Chemline 11/83

EMD 26644 see EMD 26 644

EMD-26644 see EMD 26 644

EMD 26 644
(RN) 40198-53-6
(RR) 40198-85-4 (Na salt)
(SY) 2-(4,5-bis(p-chlorophenyl)oxazolyl-(2)-thio) propionic acid
(SY) EMD 26644
(SY) tioxaprofen
(SY) EMD-26644
(HM) *PROPIONIC ACIDS
(PA) ANTI-INFLAMMATORY AGENTS
(PA) ANTIFUNGAL AGENTS
(NO) RN given refers to parent cpd

EMD-28422 see EMD 28422

EMD 28422
(RN) 74717-74-1
(SY) N(6)-(2-(4-chlorophenyl)-bi-cyclo(2.2.2.)-octyl-(3)-adenosine
(SY) EMD-28422
(HM) ADENOSINE/*analogs
(NO) enhances diazepam binding to brain benzodiazepine receptors

EMD 30 087 see cefazedone

EMD30087 see cefazedone

EMD 33290
(RN) 82468-60-8
(SY) EMD-33290
(HM) *PROSTAGLANDINS, SYNTHETIC
(II) GASTRIC MUCOSA/drug eff
(NO) structure given in first source

EMD-33290 see EMD 33290

EMD 33330 see thiacycline

EMD-33512 see bisoprolol

EMD 33512 see bisoprolol

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EMD 34853
(RN) 89482-60-0
(SY) EMD-34853
(SY) 2-phenyl-(6-ethoxybenzothiazolyl-2-thio) propionic acid
(HM) *THIAZOLES
(PA) ANTICHOLESTEREMIC AGENTS

EMD-34853 see EMD 34853

EMD 39593
(RN) 86073-86-1
(SY) EMD-39593
(SY) (4-(2-chlorobenzylthio)-1-methyl-1H-imidazo(4,5-c)pyridine)
(HM) *IMIDAZOLES
(NO) structure given in first source

EMD-39593 see EMD 39593

EMD 41717
(SY) EMD-41717
(SY) (4-(1-benzothiophen-3-yl-methylthio)-3-methyl-3H-imidazo(4,5-c)pyridine)
(HM) *IMIDAZOLES
(NO) structure given in first source

EMD-41717 see EMD 41717

EMD 9806 see pramiverine

emepronium carrageenate
(SY) cetiprin novum
(HM) *EMEPRONIUM
(HM) *CARRAGEENAN
(HM) DRUG COMBINATIONS
(NO) replaces emepronium bromide to eliminate risk of corrosive mucosal damage if tablet gets stuck in mouth or esophagus

emeriamine
(SY) 3-amino-4-trimethylaminobutyric acid
(HM) BETAINE/*analogs
(PA) HYPOGLYCEMIC AGENTS
(NO) derived from fungal metabolite emericedin; structure given in first source

emericid see lonomycin

emerimicin see emerimicins

emerimicins
(RN) 71812-28-7
(SY) emerimicin
(HM) PEPTIDES
(PA) ANTIBIOTICS

EMGP-155 see epithelial membrane glycoprotein

EMGP-39 see epithelial membrane glycoprotein

EMGP-70 see epithelial membrane glycoprotein

EMGX see ethylmethylglycinexylidide

EMLA
(SY) Eutectic Mixture of Local Anesthetics
(HM) *LIDOCAINE
(HM) *PRILOCAINE
(HM) DRUG COMBINATIONS
(PA) ANESTHETICS, LOCAL
(NO) local anesthetic composed of a mixture of lidocaine and prilocaine

EMLPP see early methionine-labelled polypeptide

emorfazone
(RN) 38957-41-4
(SY) 4-ethoxy-2-methyl-5-morpholino-3(2H)-pyridazinone
(SY) M73101
(SY) M-73101
(SY) M 73101
(HM) *PYRIDAZINES
(PA) ANALGESICS, ANTI-INFLAMMATORY
(PA) ANALGESICS
(NO) structure

emovate see clobetasone butyrate

empedopeptin
(RN) 87551-98-2
(SY) BMY 28117
(SY) BMY-28117
(HM) OLIGOPEPTIDES
(PA) ANTIBIOTICS
(NO) from Empedobacter haloabium; structure given in second source

empigen BB
(RN) 66455-29-6
(HM) *DETERGENTS
(NO) dipolar ionic detergent

4-EMPP see 4'-ethyl-2-methyl-3-piperidinopropiophenone

EMTMPC see ethyl-2-methylthio-4-methyl-5-pyrimidine carboxylate

emulgen 911 see nonoxynols

emulgin 913 see nonoxynols

emulphogene BC 720
(RN) 24938-91-8
(RR) 69011-36-5 (branched isomer)
(SY) polyoxyethylene 6-tridecyl ether
(SY) Renex 30
(SY) polyoxyethylene tridecyl ether
(HM) *POLYETHYLENE GLYCOLS
(II) DETERGENTS
(NO) a polyether detergent; RN given refers to cpd with unspecified isomeric designation

emulsan
(HM) *POLYSACCHARIDES, BACTERIAL
(II) EXCIPIENTS
(NO) extracellular polyanionic emulsifier produced by Acinetobacter calcoaceticus in presence of chloramphenicol

emulsan depolymerase
(RN) EC 3.2.1-
(HM) *GLYCOSIDE HYDROLASES

emulsifier YN see YN emulsifier

emulsifying factor, Arthrobacter RAG-1 see EF-RAG

emylcamate
(RN) 78-28-4
(HM) *CARBAMATES
(PA) TRANQUILIZING AGENTS, MINOR
(NO) minor descriptor (66-84); on-line & Index Medicus search CARBAMATES (66-84)

EM-12 see EM 12

EM 12
(RN) 26581-81-7
(SY) 2-(2,6-dioxopiperidin-3-yl)phthalimidine
(SY) EM-12
(HM) THALIDOMIDE/*analogs
(NC) thalidomide analog; structure

EM 19000 see metalloproteinases

EM 49 see octapeptin antibiotics

EM-5519 see EM 5519

EM 5519
(RN) 82029-27-4
(SY) EM5519
(SY) EM-5519
(HM) *ANTIBIOTICS
(NO) from Pseudomonas fluorescens; no other information available 4/83

EM5519 see EM 5519

EM 652 see ritetronium

anti-ENA antibody
(SY) A-ENAA
(HM) *ANTIBODIES, ANTINUCLEAR
(NO) ENA=extractable nuclear antigens

enalaprilat see MK 422

enamelin
(HM) *DENTAL ENAMEL PROTEINS

enamelite
(RN) 51888-71-2
(SY) enamelite 500
(HM) *RESINS, SYNTHETIC

enamelite 500 see enamelite

enamines
(HM) *AMINES
(NO) alpha,beta-unsaturated amines; structure

enanthotoxin
(RN) 20311-78-8
(SY) oenanthotoxin
(SY) OETX
(SY) 2,8,10-heptadecatriene-4,6-diyne-1,14-diol
(HM) *FATTY ALCOHOLS
(II) TOXINS
(II) PLANTS, TOXIC
(NO) poisonous principle of water hemlock Oenanthe crocata L.; RN given refers to (E,E,E)-isomer; RN for cpd without isomeric designation not in Chemline 7/83

ENAPE see enkephalinethylamide-Leu, Ala(2)-N-((2-nitro-4- azidophenyl)amino)-

encainide
(RN) 37612-13-8
(RR) 66778-36-7 ((+-)-isomer)
(RR) 66794-74-9 (mono-HCl(+-)-isomer)
(SY) 4-methoxy-2''-(1-methyl-2-piperidylethyl) benzanilide
(SY) MJ 9067
(SY) 4-methoxy-N-(2-(2-(1-methyl-2-piperidinyl)ethyl) phenyl)benzamide
(HM) *ANILIDES
(PA) ANTI-ARRHYTHMIA AGENTS
(NO) RN given refers to parent cpd with unspecified isomeric designation; structure

encainide, O-demethyl- see MJ 9444

encainide, 3-methoxy-4-hydroxy- see MJ 14030

enclomiphene
(RN) 15690-57-0
(RR) 79838-56-5 (N-oxide(E)-isomer)
(RR) 14158-65-7 (HCl(E)-isomer)
(RR) 7599-79-3 (citrate[1:1](E)-isomer)
(SY) trans-clomiphene citrate
(SY) enclomiphene citrate
(HM) CLOMIPHENE/*analogs
(II) ISOMERISM
(NO) has direct inhibitory effect on testis; RN given refers to (E)-isomer; see also records for zuclomiphene and clomiphene

enclomiphene citrate see enclomiphene

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encordin see cannogenin thevetoside

enderpin RP1 see enderpins

enderpin RP2 see enderpins

enderpin RP3 see enderpins

enderpins
(SY) enderpin RP1
(SY) enderpin RP2
(SY) enderpin RP3
(HM) *RESERPINE
(NO) reserpine-like substances synthesized in myocardium & other human & animal tissues

endo-N-acetyl-alpha-D-galactosamidase see alpha-N-acetyl-D-galactosaminidase

endo-N-acetyl-beta-d-glucosaminidase see endo-beta-acetylglucosaminidase

endo-N-acetylmuramidase
(RN) EC 3.2.1.-
(SY) M-1 N-acetylmuramidase
(HM) *GLYCOSIDE HYDROLASES
(NO) has broader specificity than lysozyme

endo-N-acetylneuraminidase
(RN) EC 3.2.1.-
(SY) endosialidase
(HM) *NEURAMINIDASE
(NO) coliphage enzyme breaks E coli capsular polysaccharide down to oligosaccharides

endo-alpha-N-acetylgalactosaminidase see alpha-N-acetyl-D-galactosaminidase

endo-alpha-1,3-glucanase see endo-1,3-alpha-glucanase

endo-1,3-alpha-glucanase
(RN) EC 3.2.1.59
(RR) 9075-84-7 (CRN)
(SY) endo-1,3-alpha-D-glucanase
(SY) endo-alpha-1,3-glucanase
(HM) *GLYCOSIDE HYDROLASES
(NO) endohydrolysis of 1,3-alpha-D-glucosidic linkages in isolichenin, pseudonigeran & nigeran; may also be called mutanase, see EC 3.2.1.84 exo-1,3-alpha-glucanase

endo-1,3-alpha-D-glucanase see endo-1,3-alpha-glucanase

endo-alpha 1-6-mannanase see endo-1-6-D-mannanase

endo-2-aminobenzonorbornene see 2-aminobenzonorbornene

endo-beta-acetylglucosaminidase
(RN) EC 3.2.1.96
(RR) 37278-88-9 (CRN)
(SY) endo-N-acetyl-beta-d-glucosaminidase
(SY) endo-beta-N-acetylglucosaminidase H
(SY) endo-beta-N-acetylglucosaminidase D
(SY) endo-beta-N-acetylglucosaminidase F
(SY) endoglycosidase H
(HM) *ACETYLGLUCOSAMINIDASE

endo-beta-N-acetylglucosaminidase D see endo-beta-acetylglucosaminidase

endo-beta-N-acetylglucosaminidase F see endo-beta-acetylglucosaminidase

endo-beta-N-acetylglucosaminidase H see endo-beta-acetylglucosaminidase

endo-beta-galactosidase
(RN) EC 3.2.1.-
(SY) keratanase
(HM) *BETA-GALACTOSIDASES

endo-1,3-1,4-beta-D-glucanase see lichenase

endo-1,6-beta-glucanase
(RN) EC 3.2.1.75
(SY) 1-6-beta-glucanase
(SY) beta(1-6)glucanase
(HM) *GLYCOSIDE HYDROLASES

endo-1,4-beta-D-mannanase
(RN) EC 3.2.1.78
(SY) beta-D-mannanase
(HM) *MANNOSIDASES

endo-1,3-beta-xylanase
(RN) EC 3.2.1.32
(RR) 9025-55-2 (CRN)
(SY) xylanase
(HM) *GLYCOSIDE HYDROLASES

endo-1,4-beta-xylanase
(RN) EC 3.2.1.8
(RR) 9025-57-4 (CRN)
(SY) endoxylanase
(SY) beta xylanase
(HM) *GLYCOSIDE HYDROLASES

endo-2-(2-cyclopentyl-2-hydroxy-2-phenyl)acetoxy-7-methyl-7-azabicyclo-[2.2.1]heptane methobromide see RS 11635

endodan see ethylene thiuram monosulfide

endodeoxynuclease StyI
(RN) EC 3.1.21.-
(SY) StyI endodeoxynuclease
(HM) *DNA RESTRICTION ENZYMES
(NO) class II enzyme; from E.coli carrying the hsd+ miniplasmid of Salmonella typhi origin; recognizes & cleaves C/CAAGG & C/CTTGG at the slash

endodeoxyribonuclease AccII
(RN) EC 3.1.23.48
(SY) endodeoxyribonuclease FnuDII
(SY) endodeoxyribonuclease BsuE
(SY) BsuE restriction-modification system
(HM) *DNA RESTRICTION ENZYMES

endodeoxyribonuclease AluI
(RN) EC 3.1.23.1
(RR) 81295-04-7 (CRN)
(SY) ALuI endonuclease
(HM) *DNA RESTRICTION ENZYMES

endodeoxyribonuclease ApaI
(RN) EC 3.1.23.-
(SY) ApaI endonuclease
(SY) endonuclease ApaI
(HM) *DNA RESTRICTION ENZYMES
(NO) from Acetobacter pasteurianus; recognizes sequence 5'GGCCC3' & cleaves between CC&C

endodeoxyribonuclease (apurinic or apyrimidinic)
(RN) EC 3.1.25.2
(SY) apurinic DNA endonuclease
(SY) apurinic endonuclease
(SY) AP endonuclease
(SY) purine insertase
(SY) endonuclease IV
(SY) DNA repair endonuclease
(SY) endonuclease VI
(HM) *ENDODEOXYRIBONUCLEASES

endodeoxyribonuclease AquI see endodeoxyribonuclease AvaI

endodeoxyribonuclease AvaI
(RN) EC 3.1.23.3
(RR) 81295-06-9 (CRN)
(SY) endodeoxyribonuclease AquI
(SY) AvaI endonuclease
(SY) AquI endonuclease
(HM) *RESTRICTION ENDONUCLEASES
(NO) AquI is an isoschizomer from Agmenellum quadruplicatum

endodeoxyribonuclease AvaII
(RN) EC 3.1.23.4
(RR) 81295-07-0 (CRN)
(SY) AVAII endonuclease
(SY) endodeoxyribonuclease Eco47I
(SY) Eco47I endonuclease
(HM) *DNA RESTRICTION ENZYMES
(NO) Eco47I is isoschizomer of AvaII

endodeoxyribonuclease BamHI
(RN) EC 3.1.23.6
(RR) 81295-09-2 (CRN)
(SY) BamHI endonuclease
(SY) endonuclease BamHI
(SY) Bst 1503 endonuclease
(SY) endonuclease BstI
(SY) Bam I endonuclease
(SY) BamI endonuclease
(HM) *DNA RESTRICTION ENZYMES

endodeoxyribonuclease BbvII
(RN) EC 3.1.21.-
(SY) BbvII endonuclease
(HM) *DNA RESTRICTION ENZYMES
(NO) site-specific endonuclease from Bacillus brevis 80; recognizes non-symmetrical sequence 5'GTCTTC-3' 3'-CAGAAG-5' in double-stranded DNA & cleaves DNA in both strands outside the recognition; requires Mg; type II restriction enzyme (EC 3.1.21.4)

endodeoxyribonuclease Bce243 see endodeoxyribonuclease MboI

endodeoxyribonuclease BclI
(RN) EC 3.1.23.-
(SY) BclI endonuclease
(HM) *DNA RESTRICTION ENZYMES

endodeoxyribonuclease BcnI
(RN) EC 3.1.23.-
(SY) BcnI endonuclease
(HM) *DNA RESTRICTION ENZYMES
(NO) from Bacillus centrosporus RFL 1; recognizes sequence (5'-3')CC-CGG & (3'-5')GGG-CC

endodeoxyribonuclease BglI
(RN) EC 3.1.23.9
(RR) 80449-04-3 (CRN)
(SY) BglI endonuclease
(SY) endodeoxyribonuclease Bgl I
(HM) *DNA RESTRICTION ENZYMES

endodeoxyribonuclease Bgl I see endodeoxyribonuclease BglI

endodeoxyribonuclease BglII
(RN) EC 3.1.23.10
(RR) 81295-12-7 (CRN)
(SY) BglII endonuclease
(HM) *DNA RESTRICTION ENZYMES

endodeoxyribonuclease BinSII
(RN) EC 3.1.23.-
(SY) endonuclease BinSII
(SY) BinSII endonuclease
(SY) BbeI endonuclease
(HM) *DNA RESTRICTION ENZYMES
(NO) BinSII & BbeI have same sequence & cutting specificity; recognize 5'-GGCG-C-3' & cleave as indicated by hyphen

endodeoxyribonuclease BmeI
(RN) EC 3.1.23.-
(SY) BmeI endonuclease
(SY) endonuclease BmeI
(HM) *DNA RESTRICTION ENZYMES
(NO) recognizes pentanucleotide sequence 5'GG-(A)CC3' 3'CC(T)-GG5 on double-stranded DNA & cleaves at hyphen

endodeoxyribonuclease BspRI see endodeoxyribonuclease HaeIII

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endodeoxyribonuclease BssHI
(RN) EC 3.1.21.-
(SY) BssHI endonuclease
(SY) endonuclease BssHI
(HM) *DNA RESTRICTION ENZYMES
(NO) type II restriction enzyme (EC 3.1.21.4) with recognition sequence G-C-G-C-G-C; requires Mg

endodeoxyribonuclease BSSHII
(RN) EC 3.1.21.-
(SY) BSSHII endonuclease
(SY) BsePI endonuclease
(HM) *DNA RESTRICTION ENZYMES
(NO) from Bacillus stearothermophilus; a type II site-specific endonuclease EC 3.1.21.4; recognizes & cleaves the sequence G/CGCGC

endodeoxyribonuclease BstEII see endodeoxyribonuclease EcaI

endodeoxyribonuclease BstNI
(RN) EC 3.1.21.-
(SY) restriction endonuclease BstNI
(HM) *DNA RESTRICTION ENZYMES
(NO) type II site-specific deoxyribonuclease (EC 3.1.21.4); recognizes & cleaves CC-(A or T)GG; an isoschizoid of EcoRII

endodeoxyribonuclease BstPI see endodeoxyribonuclease EcaI

endodeoxyribonuclease BsuE see endodeoxyribonuclease AccII

endodeoxyribonuclease BsuF see endodeoxyribonuclease HpaII

endodeoxyribonuclease BsuM see endodeoxyribonuclease XhoI

endodeoxyribonuclease BtiI
(RN) EC 3.1.23.-
(SY) BtiI endonuclease
(HM) *DNA RESTRICTION ENZYMES

endodeoxyribonuclease CauI
(RN) EC 3.1.23.-
(SY) CauI endonuclease
(HM) *RESTRICTION ENDONUCLEASES
(NO) cleaves G/G(A or T)CC

endodeoxyribonuclease CauII
(RN) EC 3.1.23.75
(SY) CauII endonuclease
(HM) *RESTRICTION ENDONUCLEASES
(NO) cleaves CC/(G or C)GG

endodeoxyribonuclease ClaI
(RN) EC 3.1.23.-
(SY) ClaI restriction endonuclease
(SY) endonuclease ClaI
(SY) restriction endonuclease ClaI
(HM) *DNA RESTRICTION ENZYMES
(NO) site specific restriction endonuclease from Caryophanon latum L; acts on 5'-A-T-/-C-G-A-T-3'

endodeoxyribonuclease Dde1
(RN) Ec 3.1.23.-
(SY) Dde 1 endonuclease
(HM) *DNA RESTRICTION ENZYMES
(NO) from Desulfovibrio desulfuricans; acts at the sequence 5'-C-/-T-N-A-G-3'

endodeoxyribonuclease DpnI see endodeoxyribonuclease DpnI

endodeoxyribonuclease DpnI
(RN) EC 3.1.23.12
(SY) Dpn I endonuclease
(SY) endonuclease DpnI
(SY) endodeoxyribonuclease DpnI
(HM) *DNA RESTRICTION ENZYMES

endodeoxyribonuclease DraI
(RN) EC 3.1.23.-
(SY) endonuclease DraI
(SY) DraI endonuclease
(HM) *DNA RESTRICTION ENZYMES

endodeoxyribonuclease DraII
(RN) EC 3.1.21.-
(SY) endonuclease DraI
(SY) DraII endonuclease
(HM) *DNA RESTRICTION ENZYMES
(NO) type II restriction endonuclease (EC 3.1.21.4) from Deinococcus radiophilus; recognizes heptanucleotide sequence given, cleaving at hyphen; 5' PuG-GNCCPy 3', 3' PyCCNG-GPu 5'

endodeoxyribonuclease Dra III
(RN) EC 3.1.21.-
(SY) endonuclease DraIII
(SY) DraIII endonuclease
(HM) *DNA RESTRICTION ENZYMES
(NO) type II restriction endonuclease (EC 3.1.21.4)from Deinococcus radiophilus; recognizes nonanucleotide sequence given, cleaving at hypen: 5' CACNNN-GTG 3', 3' GTG-NNNCAC 5'

endodeoxyribonuclease EaeI
(RN) EC 3.1.23.-
(SY) EaeI endonuclease
(HM) *DNA RESTRICTION ENZYMES
(NO) from Enterobacter aerogenes; generates DNA fragments with 5'-tetranucleotide extensions

endodeoxyribonuclease EcaI
(RN) EC 3.1.23.-
(SY) EcaI restriction endonuclease
(SY) endonuclease EcaI
(SY) restriction endonuclease EcaI
(SY) endodeoxyribonuclease BstEII
(SY) endodeoxyribonuclease BstPI
(HM) *DNA RESTRICTION ENZYMES
(NO) from Enterobacter cloacae DSM30056

endodeoxyribonuclease EcoA
(RN) EC 3.1.24.-
(SY) EcoA endonuclease
(HM) *DNA RESTRICTION ENZYMES
(NO) restriction-modification enzyme of E coli strain A; recognizes sequence GAG-7N-GTCA

endodeoxyribonuclease EcoB
(RN) EC 3.1.24.1
(RR) 86596-30-7 (CRN)
(SY) EcoB endonuclease
(SY) E Coli B restriction-modification enzyme
(HM) *DNA RESTRICTION ENZYMES
(HM) *METHYLTRANSFERASES
(NO) can function as either restriction nuclease or modification methylase

endodeoxyribonuclease EcoD
(RN) EC 3.1.21.-
(RR) 86596-32-9 (CRN)
(SY) EcoD endonuclease
(HM) *DNA RESTRICTION ENZYMES
(NO) a type I restriction & modification endonuclease; recognizes sequence 5'-T-T-A-N(7)-G-T-C-Y-3', 3'-A-A-T-N(7)-C-A-G-R-5' (Y=pyrimidine R=purine, N=any nucleotide)

endodeoxyribonuclease Eco 47III
(RN) EC 3.1.23.-
(SY) Eco 47III endonuclease
(HM) *DNA RESTRICTION ENZYMES
(NO) from E coli RFL47; recognizes sequence 5'AGC-GCT & cleaves as indicated by hyphen

endodeoxyribonuclease EcoK
(RN) EC 3.1.24.2
(SY) EcoK restriction endonuclease
(SY) EcoK endonuclease
(HM) *DNA RESTRICTION ENZYMES

endodeoxyribonuclease EcoP1
(RN) EC 3.1.24.3
(SY) EcoP1 endonuclease
(HM) *DNA RESTRICTION ENZYMES

endodeoxyribonuclease EcoP15
(RN) EC 3.1.24.4
(SY) endonuclease EcoP15
(HM) *DNA RESTRICTION ENZYMES
(NO) restriction-modification enzyme coded by the P15 plasmid of E coli; formerly EC 3.1.4.32

endodeoxyribonuclease EcoRI
(RN) EC 3.1.23.13
(RR) 80498-17-5 (CRN)
(SY) Eco RI
(SY) EcoRI endonuclease
(SY) EcoRI restriction endonuclease
(SY) Eco-RI
(SY) SsoI
(HM) *DNA RESTRICTION ENZYMES
(NO) was EP to DNA RESTRICTION ENZYMES (77-81)

endodeoxyribonuclease EcoRII
(RN) EC 3.1.23.14
(RR) 81295-15-0 (CRN)
(SY) EcoRII endonuclease
(SY) EcoRII restriction enzyme
(SY) BinSI endonuclease
(HM) *DNA RESTRICTION ENZYMES
(NO) BinSI an isoschizomer of EcoRII

endodeoxyribonuclease Eco47I see endodeoxyribonuclease AvaII

endodeoxyribonuclease FnuDII see endodeoxyribonuclease AccII

endodeoxyribonuclease FokI
(RN) EC 3.1.23.-
(SY) FokI endonuclease
(HM) *DNA RESTRICTION ENZYMES
(NO) recognizes sequences GGATGN9/ & CCTACN13/; from Flavobacterium okeanokiotes

endodeoxyribonuclease GsbI see endodeoxyribonuclease GsuI

endodeoxyribonuclease GsuI
(RN) EC 3.1.23.-
(SY) GsuI endonuclease
(SY) endodeoxyribonuclease GsbI
(SY) GsbI endonuclease
(HM) *DNA RESTRICTION ENZYMES
(NO) from Gluconobacter suboxydans; recognizes sequence CTCCAG

endodeoxyribonuclease HaeII
(RN) EC 3.1.23.16
(SY) endonuclease HaeII
(SY) HaeII endonuclease
(HM) *DNA RESTRICTION ENZYMES

endodeoxyribonuclease HaeIII
(RN) EC 3.1.23.17
(RR) 81295-18-3 (CRN)
(SY) HaeIII endonuclease
(SY) Bsu endonuclease
(SY) Bsp I endonuclease
(SY) BspI endonuclease
(SY) endodeoxyribonuclease BspRI
(SY) BsuRI endonuclease
(HM) *DNA RESTRICTION ENZYMES

endodeoxyribonuclease HhaI
(RN) EC 3.1.23.19
(RR) 81295-20-7 (CRN)
(SY) HhaI endonuclease
(SY) endonuclease HhaI
(HM) *DNA RESTRICTION ENZYMES

endodeoxyribonuclease HhaII see endodeoxyribonuclease HinfI

endodeoxyribonuclease HindIII
(RN) EC 3.1.21.-
(RR) 81295-22-9 (CRN)
(SY) HindIII endonuclease
(SY) EcoVIII endonuclease
(HM) *DNA RESTRICTION ENZYMES
(NO) EcoVIII is an isoschizomer of HindIII; a type II site-specific endonuclease, EC 3.1.21.4

endodeoxyribonuclease HinaI see endodeoxyribonuclease HinfIII

endodeoxyribonuclease HinfI
(RN) EC 3.1.23.22
(RR) 81295-23-0 (CRN)
(SY) HhaII restriction enzyme
(SY) HinfI endonuclease
(SY) endodeoxyribonuclease HhaII
(HM) *DNA RESTRICTION ENZYMES

endodeoxyribonuclease HinfIII
(RN) EC 3.1.23.-
(SY) HinfIII restriction endonuclease
(SY) HinfIII restriction modification enzyme
(SY) HinaI restriction endonuclease
(SY) endodeoxyribonuclease HinaI
(HM) *DNA RESTRICTION ENZYMES
(NO) from Haemophilus influenzae; in presence of S-adensoylmethionine acts as a DNA modification enzyme; HinaI an isoschizomer of HinfIII, recognizing same sequence & cleaving & methylating DNA in same manner

endodeoxyribonuclease HpaI
(RN) EC 3.1.23.23
(RR) 81295-24-1 (CRN)
(SY) HpaI endonuclease
(SY) endonuclease HpaI
(HM) *DNA RESTRICTION ENZYMES

endodeoxyribonuclease HpaII
(RN) EC 3.1.23.24
(RR) 81295-25-2 (CRN)
(SY) endonuclease HpaII
(SY) HpaII endonuclease
(SY) Msp I endonuclease
(SY) MspI endonuclease
(SY) endodeoxyribonuclease BsuF
(SY) BsuF restriction-modification system
(SY) endodeoxyribonuclease MspI
(SY) restriction endonuclease MspI
(HM) *DNA RESTRICTION ENZYMES
(NO) MspI & HpaII are isoschizomers. MspI acts on CCGG & CMeCGG sites, while HpaII is active only on the unmethylated site

endodeoxyribonuclease Kpn1
(RN) EC 3.1.23.26
(RR) 81295-27-4 (CRN)
(SY) Kpn1 endonuclease
(HM) *DNA RESTRICTION ENZYMES

endodeoxyribonuclease MaeI
(RN) EC 3.1.23.-
(SY) MaeI endonuclease
(HM) *DNA RESTRICTION ENZYMES
(NO) from Methanococcus aeolicus PL-15/H; recognizes sequence C-TAG & cleaves as indicated by hyphen

endodeoxyribonuclease MaeII
(RN) EC 3.1.23.-
(SY) MaeII endonuclease
(HM) *DNA RESTRICTION ENZYMES
(NO) from Methanococcus aeolicus PL-15/H; recognizes sequence A-CGT & cleaves as indicated by hyphen

endodeoxyribonuclease MaeIII
(RN) EC 3.1.23.-
(SY) MaeIII endonuclease
(HM) *DNA RESTRICTION ENZYMES
(NO) from Methanococcus aeolicus PL-15/H; recognizes sequence -GTNAC & cleaves as indicated by hyphen

endodeoxyribonuclease MboI
(RN) EC 3.1.21.-
(RR) 81295-28-5 (CRN)
(RR) 81725-92-0 (CRN)
(SY) endonuclease DpnII
(SY) DpnII endonuclease
(SY) DpnII restriction endonuclease
(SY) endodeoxyribonuclease Sau3AI
(SY) Sau3AI endonuclease
(SY) endodeoxyribonuclease Bce243
(SY) Bce243 endonuclease
(HM) *DNA RESTRICTION ENZYMES
(NO) type II endonuclease (EC 3.1.21.4); from Bacillus cereus; Bce243 is isoschizomer of Sau3AI; recognizes sequence 5'-G(Met-A,A)TC-3'

endodeoxyribonuclease MraI see endodeoxyribonuclease SacII

endodeoxyribonuclease MspI see endodeoxyribonuclease HpaII

endodeoxyribonuclease MstII
(RN) EC 3.1.23.91
(SY) MstII endonuclease
(HM) *DNA RESTRICTION ENZYMES
(NO) cleaves DNA at the sequence CCTNAGG; N=any of these four bases

endodeoxyribonuclease NdeI
(RN) EC 3.1.23.-
(SY) NdeI endonuclease
(HM) *DNA RESTRICTION ENZYMES
(NO) from Neisseria dentrificans; cleaves DNA at 5'-CATATG-3' sequence

endodeoxyribonuclease NotI
(RN) EC 3.1.23.-
(SY) NotI endonuclease
(SY) endonuclease NotI
(HM) *DNA RESTRICTION ENZYMES

endodeoxyribonuclease PaeI
(RN) EC 3.1.21.-
(SY) PaeI endonuclease
(HM) *DNA RESTRICTION ENZYMES
(NO) type II restriction endonuclease, EC 3.1.21.4; recognizes & cleaves 5'-GCATG/C-3'

endodeoxyribonuclease PmiI
(RN) EC 3.1.21.-
(SY) PmiI restriction endonuclease
(HM) *DNA RESTRICTION ENZYMES
(NO) from Proteus mirabilis; type of specificity not known 9/85

endodeoxyribonuclease PvuII
(RN) EC 3.1.23.33
(RR) 81295-34-3 (CRN)
(SY) PvuII restriction enzyme
(HM) *DNA RESTRICTION ENZYMES
(NO) isolated from Proteus vulgaris; cleaves CAG from CAGCTG

endodeoxyribonuclease (pyrimidine dimer)
(RN) EC 3.1.25.1
(SY) correndonuclease II
(SY) corrective endonuclease
(SY) pyrimidine dimer specific endonuclease
(SY) correndonuclease
(SY) DNA repair endonuclease III
(SY) X-ray endonuclease endonuclease III
(SY) DNA endonuclease III
(SY) thymine glycol DNA glycosylase
(SY) thymine glycol glycosylase
(HM) *ENDODEOXYRIBONUCLEASES
(II) DNA REPAIR

endodeoxyribonuclease Rsa I
(RN) EC 3.1.23.101
(SY) Rsa I endonuclease
(HM) *DNA RESTRICTION ENZYMES

endodeoxyribonuclease RsaI
(RN) EC 3.1.23.-
(SY) RsaI endonuclease
(HM) *DNA RESTRICTION ENZYMES
(NO) recognition site GTAC

endodeoxyribonuclease RsrII
(RN) EC 3.1.21.-
(SY) RsrII endonuclease
(HM) *DNA RESTRICTION ENZYMES
(NO) type II restriction endonuclease from Rhodopseudomonas sphaeroides; recognizes heptanucleotide & cleaves sequence at hyphen 5' CG-G(AT)CCG 3'

endodeoxyribonuclease SacI
(RN) EC 3.1.23.34
(RR) 81295-35-4 (CRN)
(SY) SstI endonuclease
(SY) SacI endonuclease
(HM) *DNA RESTRICTION ENZYMES

endodeoxyribonuclease SacII
(RN) EC 3.1.23.35
(SY) endodeoxyribonuclease MraI
(SY) MraI endonuclease
(SY) SacII endonuclease
(HM) *DNA RESTRICTION ENZYMES

endodeoxyribonuclease SalGI
(RN) EC 3.1.23.-
(SY) endonuclease SalGI
(SY) SalGI endonuclease
(HM) *DNA RESTRICTION ENZYMES

endodeoxyribonuclease SalI
(RN) EC 3.1.23.37
(RR) 81295-38-7 (CRN)
(SY) endonuclease SalI
(SY) SalI endonuclease
(SY) XamI endonuclease
(SY) endodeoxyribonuclease XamI
(SY) SaCGI restriction endonuclease
(HM) *DNA RESTRICTION ENZYMES

endodeoxyribonuclease Sau3AI see endodeoxyribonuclease MboI

endodeoxyribonuclease SB
(RN) EC 3.1.21.-
(SY) SB endonuclease
(HM) *DNA RESTRICTION ENZYMES
(NO) from Salmonella typhimurium; type I restriction endonuclease (EC 3.1.21.3);recognizes sequence
5'-GAGNNNNNNRTAYG-3'
3'-CTCNNNNNNYATRC-5'

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endodeoxyribonuclease Sce I
(RN) EC 3.1.21.-
(SY) site-specific endonuclease (Saccaromyces cerevisiae)
(SY) endo.SceI
(HM) *ENDODEOXYRIBONUCLEASES
(NO) MW 110-120,000; caused double-strand scission of DNA; unlike restriction endonucleases, can act on DNA of cells which produce the enzyme; requires Mg; not affected by ATP or S-adenosylmethionine; does not fit in class of type I, II or III restriction endonucleases

endodeoxyribonuclease SceI
(RN) EC 3.1.23.-
(SY) SceI endonuclease
(SY) endonuclease SceI
(HM) *DNA RESTRICTION ENZYMES
(NO) from Saccharomyces cerevisiae; cuts a defined phosphodiester bond in each strand of double helix at the cleavage sites & produces free cohesive ends consisting of 4 nucleotides protruding at 3'-termini; mode of recognition of cleavage sites requires much longer sequence (33 base pairs) than other restriction endonucleases

endodeoxyribonuclease ScrFI
(RN) EC 3.1.23.-
(SY) ScrFI endonuclease
(SY) endonuclease ScrFI
(HM) *DNA RESTRICTION ENZYMES
(NO) from Streptococcus cremoris F; recognizes sequence 5'CCNGG3', 3'GGNCC5' & cleaves between CC & N

endodeoxyribonuclease SfiI
(RN) EC 3.1.23.-
(SY) SfiI endonuclease
(SY) SFi I endonuclease
(HM) *DNA RESTRICTION ENZYMES
(NO) site-specific type II restriction endonuclease from Streptomyces fimbriatus; recognition specificity requires 8 nucleotides; cleaves sequence GGCCNNNN/NGGCC symmetrically to produce a 3 base, 3' extension

endodeoxyribonuclease SmaI see endodeoxyribonuclease XmaI

endodeoxyribonuclease SP
(RN) EC 3.1.21.-
(SY) SP endonuclease
(HM) *DNA RESTRICTION ENZYMES
(NO) from Salmonella potsdam; type I restriction endonuclease (EC 3.1.21.3); recognizes sequence
5'-AACNNNNNNGTRC-3'
3'-TTGNNNNNNCAYG-5'

endodeoxyribonuclease SphI
(RN) EC 3.1.23.108
(SY) SphI endonuclease
(HM) *DNA RESTRICTION ENZYMES

endodeoxyribonuclease SQ
(RN) EC 3.1.21.-
(SY) SQ endonuclease
(HM) *DNA RESTRICTION ENZYMES
(NO) recombinant enzyme from Salmonella; type I restriction endonuclease (EC 3.1.21.3); recognizes sequence 5'-AACNNNNNNRTAYG-3'
3'-TTGNNNNNNYATRC-5' which is a hybrid of SP & SB endonuclease sequences

endodeoxyribonuclease TaqI
(RN) EC 3.1.23.39
(RR) 81295-40-1 (CRN)
(SY) endodeoxyribonuclease TthHB8I
(SY) TaqI endonuclease
(SY) endonuclease TaqI
(SY) TthHB8I endonuclease
(SY) endodeoxyribonuclease TthI
(SY) TthI endonuclease
(HM) *DNA RESTRICTION ENZYMES
(NO) recognizes sequence 5'-TCGA-3' in double-stranded DNA

endodeoxyribonuclease TaqII
(RN) EC 3.1.21.-
(SY) endonuclease TaqII
(SY) TaqII endonuclease
(HM) *DNA RESTRICTION ENZYMES
(NO) from Thermus aquaticus; type II restriction endonuclease (EC 3.1.21.4); cleavage sequence given in first source

endodeoxyribonuclease TthHB8I see endodeoxyribonuclease TaqI

endodeoxyribonuclease TthI see endodeoxyribonuclease TaqI

endodeoxyribonuclease Tth111II
(RN) EC 3.1.23.-
(SY) Tth 111 II
(SY) Tth111II site specific endonuclease
(SY) Tth111II
(HM) *DNA RESTRICTION ENZYMES
(NO) from Thermus thermophilus strain 111

endodeoxyribonuclease uvrABC
(RN) EC 3.1.25.-
(SY) uvrABC endonuclease
(SY) endonuclease uvrABC
(SY) uvrABC excision nuclease
(HM) *ENDODEOXYRIBONUCLEASES
(NO) from E coli; requires ATP & Mg(2+); removes ultraviolet-damaged bases

endodeoxyribonuclease V
(RN) EC 3.1.22.3
(SY) T4 endonuclease V
(HM) *ENDODEOXYRIBONUCLEASES
(NO) catalyzes endonucleolytic cleavage at apurinic or apyrimidinic sites to products with a 3'-phosphate

endodeoxyribonuclease VII
(RN) EC 3.1.22.-
(SY) T4 endonuclease VII
(HM) *ENDODEOXYRIBONUCLEASES
(NO) cleaves Holliday structures in vitro by cutting 2 strands of the same polarity at or near the branch point

endodeoxyribonuclease XamI see endodeoxyribonuclease SalI

endodeoxyribonuclease XBAI
(RN) EC 3.1.21.4
(RR) 81295-42-3 (CRN)
(SY) XbaI endonuclease
(HM) *DNA RESTRICTION ENZYMES

endodeoxyribonuclease XhoI
(RN) EC 3.1.21.-
(RR) 81295-43-4 (CRN)
(SY) endonuclease XhoI
(SY) endodeoxyribonuclease BsuM
(SY) BsuM restriction-modification system
(SY) BstVI restriction endonuclease
(SY) endonuclease BstVI
(HM) *DNA RESTRICTION ENZYMES
(NO) from Xanthomonas holicola; cleaves the sequence CCCGGG between C and CC; BstVI an isoschisomere of XhoI; a type II restriction endonuclease (EC 3.1.21.4)

endodeoxyribonuclease XmaI
(RN) EC 3.1.23.44
(SY) endodeoxyribonuclease SmaI
(SY) XmaI restriction endonuclease
(SY) SmaI restriction endonuclease
(HM) *DNA RESTRICTION ENZYMES
(NO) isolated from Xanthomonas malvacearum or Serratia marcescens; cleaves C from CCCGGG to yield C and CCGGG

endodeoxyribonuclease XmnI
(RN) EC 3.1.23.-
(SY) Xmn I endonuclease
(SY) XmnI endonuclease
(HM) *DNA RESTRICTION ENZYMES
(NO) cleavage site located within the sequence 5' GAANNNNTTC 3'

endoeoxyribonuclease BinI
(RN) EC 3.1.21.-
(SY) BinI endonuclease
(SY) endonuclease BinI
(HM) *DNA RESTRICTION ENZYMES
(NO) Type II restriction endonuclease from Bifidobacterium infantis: recognizes assymetric pentanucleotide sequence & cleaves at a site several bases away as indicated by slash 5'-GGATCNNNN/-3' and 3'-CCTAGNNNNN/3'

6,14-endoetheno-7alpha-(p-isothiocyanatophenylacetylamino)tetrahydrooripavine see NIH 10358

endo-ethenotetrahydrooripavine
(RN) 87453-63-2
(SY) EETHO
(HM) THEBAINE/*analogs
(PA) ANALGESICS
(NO) structure given in first source

endoexonuclease
(RN) EC 3.1.4.-
(SY) endo-exonuclease
(SY) single strand DNA-binding endo-exonuclease
(HM) *ENDONUCLEASES
(HM) *EXONUCLEASES
(NO) from Neurospora crassa; acts on single-stranded DNA & RNA in an endonucleolytic manner & on linear single- & double-stranded DNA in an exonucleolytic manner

endo-exonuclease see endoexonuclease

endogenous digoxin-like factor see endoxin

endogenous prostaglandin synthase inhibitor see prostaglandin synthase inhibitor, endogenous

endogenous prostaglandin synthesis inhibitor see prostaglandin synthase inhibitor, endogenous

endogenous pyrogen see leukocyte endogenous mediator

ENDO-GF see endothelial growth factors

endoglycosidase F
(RN) EC 3.2.1.-
(HM) *GLYCOSIDE HYDROLASES

endoglycosidase H see endo-beta-acetylglucosaminidase

endohexosaminidase H
(RN) EC 3.2.1.-
(HM) *HEXOSAMINIDASES
(NO) acts on asparagine-linked oligosaccharides

endolysin
(RN) EC 3.4.99.-
(SY) lambda-endolysin
(HM) *PEPTIDE PEPTIDOHYDROLASES

endo-1-6-D-mannanase
(RN) EC 3.2.1.-
(SY) endo-alpha 1-6-mannanase
(HM) *GLYCOSIDE HYDROLASES
(NO) unbranched alpha 1-6-mannan yields alpha 1-6-mannooligosaccharides finally yielding mannose and alpha-1-6-mannobiose

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endomethasone
(RN) 64156-21-4
(SY) Methanetriol, mixt. with corticosteroids and diiodo-5-methyl-2-(1-methylethyl)phenol
(HM) *DEXAMETHASONE
(HM) *HYDROCORTISONE, TOPICAL
(HM) THYMOL/*analogs
(HM) *FORMALDEHYDE
(HM) DRUG COMBINATIONS
(II) ROOT CANAL FILLING MATERIALS
(NO) dental filling material containing di- (or tetra-)iodothymol, trioxymethylene, dexamethasone & hydrocortisone

endomirabil see methylglucamine iodoxamate

endonuclease ApaI see endodeoxyribonuclease ApaI

endonuclease S1 (Aspergillus)
(RN) EC 3.1.30.1
(SY) S1 nuclease
(SY) Aspergillus nuclease S1
(SY) mung bean nuclease
(SY) endonuclease S 1
(SY) nuclease S1
(SY) P1 endonuclease
(SY) Penicillium citrium nuclease P1
(SY) nuclease S-1
(SY) Neurospora nuclease
(SY) Neurospora endonuclease
(HM) *ENDONUCLEASES
(NO) from Penicillium Citrinum

endonuclease BamHI see endodeoxyribonuclease BamHI

endonuclease BinI see endoeoxyribonuclease BinI

endonuclease BinSII see endodeoxyribonuclease BinSII

endonuclease BmeI see endodeoxyribonuclease BmeI

endonuclease BssHI see endodeoxyribonuclease BssHI

endonuclease BstI see endodeoxyribonuclease BamHI

endonuclease BstVI see endodeoxyribonuclease XhoI

endonuclease ClaI see endodeoxyribonuclease ClaI

endonuclease DpnI see endodeoxyribonuclease DpnI

endonuclease DpnII see endodeoxyribonuclease MboI

endonuclease DraI see endodeoxyribonuclease DraI

endonuclease DraII see endodeoxyribonuclease DraII

endonuclease DraIII see endodeoxyribonuclease Dra III

endonuclease EcaI see endodeoxyribonuclease EcaI

endonuclease EcoP15 see endodeoxyribonuclease EcoP15

endonuclease Eco RV
(RN) EC 3.1.23.-
(SY) Eco RV
(HM) *DNA RESTRICTION ENZYMES

endonuclease HaeII see endodeoxyribonuclease HaeII

endonuclease HhaI see endodeoxyribonuclease HhaI

endonuclease HpaI see endodeoxyribonuclease HpaI

endonuclease HpaII see endodeoxyribonuclease HpaII

endonuclease IV see endodeoxyribonuclease (apurinic or apyrimidinic)

endonuclease J
(RN) EC 3.1.21.-
(HM) *ENDODEOXYRIBONUCLEASES
(NO) from chicken bursa of Fabricus; cleaves close to the recombination sites of immunoglobulin Jk gene segments

endonuclease NotI see endodeoxyribonuclease NotI

endonuclease, Physarum polycephalum
(RN) EC 3.1.30.-
(SY) zinc-metallo nuclease
(HM) *ENDONUCLEASES
(NO) alkaline endonuclease with high specificity for single-stranded DNA & RNA; nucleotide specificity poly(A), poly(I), poly(dT); similarity with endonuclease S1 (Aspergillus)

endonuclease SalGI see endodeoxyribonuclease SalGI

endonuclease SalI see endodeoxyribonuclease SalI

endonuclease SceI see endodeoxyribonuclease SceI

endonuclease ScrFI see endodeoxyribonuclease ScrFI

endonuclease (Serratia marcescens)
(RN) EC 3.1.30.2
(SY) nucleate endonuclease
(SY) nuclease O
(HM) *ENDONUCLEASES
(NO) formerly EC 3.1.4.9

endonuclease S 1 see endonuclease S1 (Aspergillus)

endonuclease TaqI see endodeoxyribonuclease TaqI

endonuclease TaqII see endodeoxyribonuclease TaqII

endonuclease uvrABC see endodeoxyribonuclease uvrABC

endonuclease V
(RN) EC 3.1.25.-
(HM) *ENDODEOXYRIBONUCLEASES
(NO) bacteriophage T4 enzyme with both pyrimidine dimer-DNA glycosylase activity & apurinic/apyrimidinic endonuclease

endonuclease VI see endodeoxyribonuclease (apurinic or apyrimidinic)

endonuclease X
(RN) EC 3.1.22.-
(HM) *ENDODEOXYRIBONUCLEASES
(NO) from E coli, preferentially cleaves supercoiled plasmid DNA

endonuclease XhoI see endodeoxyribonuclease XhoI

endo-oligopeptidase B see endopeptidase B

endopeptidase B
(RN) EC 3.4.22.-
(SY) endo-oligopeptidase B
(SY) kininase B
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) neutral, thiol activated proteinase from brain which hydrolyzes bradykinin at the Pro(7)-Phe(8) peptide bond; activity similar to kininase II (EC 3.4.15.1); also inactivates angiotensin I & angiotensin II with same amino acid specificity

endopeptidase-24.11 see kidney-brush-border neutral proteinase

endoperoxide isomerase see prostaglandin R2 E-isomerase

endopolyphosphatase
(RN) EC 3.6.1.10
(SY) polyphosphate depolymerase
(SY) metaphosphatase
(SY) polyphosphatase
(HM) *PHOSPHATASES

endoprotease, ATP-dependent see ATP-dependent endoprotease

endoproteinase Arg-C
(RN) EC 3.4.99.-
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) cleaves at the carboxyl side of arginine residues within proteins

endoproteinase Lys-C
(RN) EC 3.4.99.-
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) from Lysobacter enzymogenes; cleaves at the carboxyl side of lysine residues; active at pH 9

endorhamnosidase
(RN) EC 3.21.-
(HM) *GLYCOSIDE HYDROLASES

endoribonuclease
(RN) EC 3.1.26.-
(SY) RNA endonuclease
(SY) RNA maturation endonuclease
(HM) *ENDORIBONUCLEASES

endoribonuclease, Artemia see endoribonuclease VI

endoribonuclease H
(RN) EC 3.1.26.4
(SY) ribonuclease H
(SY) hybridase
(SY) RNase H
(SY) RNAase H
(SY) endo-RNASE HI
(SY) hybrid nuclease
(HM) *ENDORIBONUCLEASES
(II) NUCLEIC ACID HYBRIDIZATION

endoribonuclease IV
(RN) EC 3.1.26.-
(HM) *ENDORIBONUCLEASES
(NO) hydrolyzes poly A; forms 5'-phosphates

endoribonuclease VI
(RN) EC 3.1.27.-
(SY) endoribonuclease, Artemia
(HM) *ENDORIBONUCLEASES
(NO) specific for UpN sites, particularly UpA; does not act on NpU

endoribonuclease VII
(RN) EC 3.1.26.-
(SY) pyridine-specific endoribonuclease
(HM) *ENDORIBONUCLEASES
(NO) from calf thymus; modulated by poly A; cleaves poly U & poly C

endo-RNASE HI see endoribonuclease H

endorphin, beta-thioglycine see beta-endorphinyl-thioglycine

endorphin, humoral
(RN) 77030-45-6
(SY) humoral endorphin
(SY) H-endorphin
(HM) *ENDORPHINS
(NO) endogenous opiate present in brain, blood & cfs; distinguishable from both enkephalin & beta-endorphin

endo.SceI see endodeoxyribonuclease Sce I

endosialidase see endo-N-acetylneuraminidase

endostreptosin
(HM) *ANTIGENS, BACTERIAL
(II) STREPTOCOCCUS
(NO) streptococcal antigen in cytoplasm of group A,C, & G streptococci

endotelon
(RN) 71328-22-8
(RR) 35356-34-4 (procyanidin D)
(RR) 35356-33-3 (procyanidin C)
(RR) 15514-06-4 (proanthocyanidin C)
(RR) 61505-38-2
((2R-(2alpha,3alpha,4alpha(2'R*,3'S*)))-isomer)
(RR) 51196-38-4
((2R-(2alpha,3beta,4beta(2R*,3R*)))-isomer)
(RR) 29106-49-8 (procyanidin B2)
(RR) 23567-23-9 (procyanidin B3)
(RR) 20315-25-7 (procyanidin B1)
(HM) *CATECHIN/analogs
(PA) ANTIHYPERTENSIVE AGENTS
(II) BIOFLAVONOIDS
(NO) procyanidol oligomer used therapeutically in hypertensive capillary resistance disorders; RN given refers to cpd with unspecified isomeric designation

endothall
(RN) 145-73-3
(RR) 129-67-9 (di-Na salt)
(RR) 67021-64-1 (di-Na salt(endo,endo)-isomer)
(RR) 17439-94-0 (di-NH4 salt)
(RR) 2164-07-0 (di-K salt)
(HM) *DICARBOXYLIC ACIDS
(NO) minor descriptor (72-82); online & Index Medicus search DICARBOXYLIC ACIDS (72-82)

endothelial cell growth factors see endothelial growth factors

endothelial growth factor see endothelial growth factors

endothelial growth factors
(SY) ENDO-GF
(SY) endothelial cell growth factors
(SY) endothelial growth factor
(SY) ECDGF
(HM) *GROWTH SUBSTANCES
(II) ENDOTHELIUM
(NO) stimulate human endothelial cells to synthesize DNA & growth; isolated from several organs

endothelium-derived relaxant factor
(SY) EDRF
(HM) *VASODILATOR AGENTS
(NO) endogenous vasodilator

6,14-endotheno-7-alpha-(p-methylfumaroylaminophenylacetylamino) tetrahydroripavine see NIH 10364

Endothia aspartic proteinase
(RN) EC 3.4.23.-
(SY) endothiapepsin
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) microbial aspartic proteinase (EC 3.4.23.6, formerly EC 3.4.23.10)

endothiapepsin see Endothia aspartic proteinase

anti-endotoxin antibodies see antilipopolysaccharide plasma

endotoxin, Escherichia coli 0111-B4
(SY) E coli endotoxin 0111-B4
(HM) *ENDOTOXINS
(II) ESCHERICHIA COLI

endoxin
(SY) endogenous digoxin-like factor
(SY) digitalis-like factors
(SY) digoxin-immunoreactive factors
(HM) *BLOOD PROTEINS
(PA) ADENOSINE TRIPHOSPHATASE, SODIUM, POTASSIUM/antag
(NO) protein found in plasma which shares immunological determinants with digoxin; high levels of endoxin correlated with hypertension

endoxylanase see endo-1,4-beta-xylanase

Endralazin6-benzoyl-3-hydrazino-5,6,7,8- tetrahydropyrido-(4,3-c)pyridazine mesylate see BQ 22-708

endralazine see BQ 22-708

Endur see bis(phenol A-glycidyl methacrylate)

4-ene-5 beta-reductase see 3-oxo-5 beta-steroid delta 4-dehydrogenase

5-ene-3-ketosteroid isomerase see steroid delta-isomerase

4-ene-3-oxosteroid (acceptor)-1-ene-oxidoreductase see 3-oxosteroid delta(1) dehydrogenase

1-ene-steroid reductase
(RN) EC 1.3.1.-
(HM) *OXIDOREDUCTASES
(NO) specificity toward steroids containing C-1,2 double bond; NADPH dependent

enfenamic acid see Tromaril

enibomal see pronarcon

eniclobrate
(RN) 81126-88-7
(RR) 60662-18-2 ((+-)-isomer)
(RR) 60662-17-1 (HCl(+-)-isomer)
(SY) Sgd 33374
(SY) 2-(4-((4-chlorophenyl)methyl)phenoxy)-2-methylbutanoic acid 3-pyridinylmethyl ester
(SY) eniclobrate hydrochloride
(HM) *BENZHYDRYL COMPOUNDS
(PA) ANTILIPEMIC AGENTS
(NO) RN given refers to parent cpd with unspecified isomeric designation

eniclobrate hydrochloride see eniclobrate

enilconazole see imazalil

ENKAD
(RN) 64082-76-4
(HM) *RIBONUCLEOTIDES
(NO) combination of ribonucleotides; no other information available 10/10/81

D-enkephalin see enkephalinamide-Met, Ala(2)-

enkephalin, Ala(2)-O-benzyl-Ser(5)-
(SY) Ala(2)-O-benzyl-Ser(5)-enkephalin
(SY) 2-alanyl-O-benzyl-5-serine enkephalin
(SY) ABS-enkephalin
(SY) enkephalin, 2-alanyl-O-benzyl-5-serine-
(HM) *ENKEPHALINS

enkephalin, Ala(2)-N-(2-(dimethylamino)ethyl)-N(alpha)-methyl-N-oxy-PheNH(4)- see RX 783030

enkephalin, Ala(2)-Leu(5)-Arg(6)-
(RN) 81733-79-1
(RR) 82507-32-2
((D-Arg-L-Tyr-D-Ala-L-Phe-L-Leu)-isomer)
(RR) 82320-96-5
((L-Arg-L-Tyr-D-Ala-L-Phe-D-Leu)-isomer)
(RR) 81733-80-4
((D-Arg-L-Tyr-D-Ala-L-Phe-D-Leu)-isomer)
(SY) enkephalin, 2-alanyl-5-leucyl-6-arginine-
(SY) Ala(2)-Leu(5)-Arg(6)-enkephalin
(SY) 2-alanyl-5-leucyl-6-arginine enkephalin
(SY) tyrosyl-alanyl-glycyl-phenylalanyl-leucyl-arginine
(HM) ENKEPHALIN, LEUCINE/*analogs
(NO) RN given refers to (L-Arg-L-Tyr-D-Ala-L-Phe-L-Leu)-isomer; RN for cpd without isomeric designation not in Chemline 5/84

enkephalin, Ala(2)-MePhe(4)-Gly-ol(5)-
(RN) 78123-71-4
(SY) enkephalin, 2-alanyl-methylphenylalanyl-5-glycinol
(SY) Ala(2)-MePhe(4)-Gly-ol(5)-enkephalin
(SY) 2-alanyl-4-methylphenylalanyl-5-glycyinol enkephalin
(SY) DAGO
(SY) RX 783006
(SY) RX783006
(SY) RX-783006
(HM) *ENKEPHALINS
(NO) blocks opiate receptor sites

enkephalin, Ala(2)-Me-Phe(4)-Leu(5)-
(SY) enkephalin, 2-alanyl-4-methylphenylalanyl-5-leucine-
(SY) 2-alanyl-4-methylphenylalanyl-5-leucine enkephalin
(SY) Ala(2)-Me-Phe(4)-Leu(5)-enkephalin
(SY) DAMLE
(HM) ENKEPHALIN, LEUCINE/*analogs
(NO) affects micturition cycle of cat

enkephalin, AlaNH(2)(5)-
(RN) 77044-76-9
(SY) enkephalin, 5-alaninamide
(SY) 5-alaninamide enkephalin
(SY) Ala-enkephalinamide
(SY) alanine-enkephalinamide
(HM) *ENKEPHALINS
(PA) ANALGESICS
(NO) has long-lasting analgesic effect

enkephalin, 5-alaninamide see enkephalin, AlaNH(2)(5)-

enkephalin, 2-alanyl-O-benzyl-5-serine- see enkephalin, Ala(2)-O-benzyl-Ser(5)-

enkephalin, 2-alanyl-N-(2-(dimethylamino)ethyl)-N(alpha)-methyl-N-oxy-4-phenylalaninamide see RX 783030

enkephalin, 2-alanyl-5-leucyl-6-arginine- see enkephalin, Ala(2)-Leu(5)-Arg(6)-

enkephalin, 2-alanyl-methylphenylalanyl-5-glycinol see enkephalin, Ala(2)-MePhe(4)-Gly-ol(5)-

enkephalin, 2-alanyl-4-methylphenylalanyl-5-leucine- see enkephalin, Ala(2)-Me-Phe(4)-Leu(5)-

enkephalin, 2-alanyl-5-prolinamide- see enkephalin, Ala(2)-ProNH(2)(5)-

enkephalin, Ala(2)-ProNH(2)(5)-
(RN) 66864-07-1
(SY) enkephalin, 2-alanyl-5-prolinamide-
(SY) 2-alanyl-5-prolinamide enkephalin
(SY) WY 42,186
(SY) WY-42,186
(SY) enkephalinamide, Ala(2)-Pro(5)-
(HM) *ENKEPHALINS

enkephalin, Ala(2)- see enkephalin-Leu, Ala(2)-

enkephalinamide, Ala(2)-Pro(5)- see enkephalin, Ala(2)-ProNH(2)(5)-

enkephalinamide, Cys(2)-Cys(5)-
(SY) 2-cysteine-5-cysteine enkephalinamide
(SY) enkephalinamide, D-cysteine(2)-D-cysteine(5)-
(SY) enkephalinamide, D-cysteine(2)-L-cysteine(5)-
(SY) Cys(2)-Cys(5)-enkephalinamide
(HM) *ENKEPHALINS
(NO) amino acid sequence given in first source

enkephalinamide, D-cysteine(2)-D-cysteine(5)- see enkephalinamide, Cys(2)-Cys(5)-

enkephalinamide, D-cysteine(2)-L-cysteine(5)- see enkephalinamide, Cys(2)-Cys(5)-

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enkephalinamide–Leu, Ala(2)–aminoethyl dimer
(RN) 82221-89-4
(RR) 82263-68-1 (diacetate)
(RR) 82221-90-7 (bis(trifluoroacetate))
(SY) Leu-enkephalinamide-Ala(2) aminoethyl dimer
(SY) leucine enkephalinamide-2-alanine aminoethyl dimer
(SY) 2-alanyl-leucine enkephalinamide aminoethyl dimer
(SY) DPE2
(HM) ENKEPHALIN, LEUCINE/*analogs
(NO) dimeric pentapeptide enkephalin consisting of two molecules of Ala-leucine enkephalin linked at C-terminal leucine with ethylenediamine; RN given refers to parent cpd; structure given in first source

enkephalinamide–Leu, Ala(2)–
(RN) 65189-64-2
(RR) 66609-26-5 ((D-leucinamide)-isomer)
(RR) 72079-98-2 ((DL-leucinamide)-isomer)
(SY) Leu-enkephalinamide-Ala(2)
(SY) D-ALE
(SY) leucine enkephalinamide-2-alanine
(SY) DALE
(SY) 2-alanyl-leucine enkephalinamide
(HM) ENKEPHALIN, LEUCINE/*analogs
(NO) RN given refers to (L-leucinamide)-isomer

enkephalinamide–Leu, Tyr sulfate(1)–
(SY) Leu-enkephalinamide-Tyr sulfate(1)
(SY) leucine enkephalinamide-1-tyrosine sulfate
(SY) 1-tyrosine sulfate-leucine enkephalinamide
(SY) LETS
(HM) ENKEPHALIN, LEUCINE/*analogs

enkephalinamide–Met–
(RN) 60117-17-1
(SY) Met-enkephalinamide
(SY) methionine enkephalinamide
(HM) ENKEPHALIN, METHIONINE/*analogs

enkephalinamide-Met, O-Ac-Ala(2)-N(2)-Me- see metkephamid acetate

enkephalinamide-Met, Ala(2)-N(2)-Me- see metkephamid

enkephalinamide–Met, Ala(2)–N–Me(5)–
(RN) 72719-77-8
(SY) DANMME
(SY) Met-enkephalinamide-Ala(2)-N-Me(5)
(SY) methionine enkephalinamide-2-alanyl-5-N-methyl
(SY) 2-alanyl-5-N-methyl-methionine enkephalinamide
(HM) ENKEPHALIN, METHIONINE/*analogs

enkephalinamide–Met, Ala(2)–
(RN) 61090-95-7
(RR) 64240-07-9 ((L-Ala)-isomer)
(RR) 66609-25-4 ((D-Metamide)-isomer)
(RR) 76298-88-9 (HCl(L-Metamide-L-Tyr-D-Ala-L-Phe)-isomer)
(SY) Met-enkephalinamide-Ala(2)
(SY) methionine enkephalinamide-2-alanine
(SY) D-enkephalin
(SY) 2-alanyl-methionine enkephalinamide
(SY) DALAMID
(SY) D-Ala(2), Met(5)-enkephalinamide
(SY) DAME
(SY) dalamide
(HM) ENKEPHALIN, METHIONINE/*analogs
(NO) synthetic enkephalin analog; RN given refers to (L-Metamide-L-Tyr-D-Ala-L-Phe)-isomer; RN for cpd without isomeric designation not in Chemline 7/83

enkephalinamide, Met–metazocine–
(RN) 83380-08-9
(SY) methionine enkephalinamide-metazocine
(SY) Met-enkephalinamide-metazocine
(HM) ENKEPHALIN, METHIONINE/*analogs
(NO) contains metazocine in place of tyrosine; structure given in first source

enkephalinamide–Met sulfoxide, Ala(2)–
(RN) 70021-29-3
(SY) Met-sulfoxide-enkephalinamide-Ala(2)
(SY) methionine sulfoxide enkephalinamide-2-alanine
(SY) 2-alanyl-methionine sulfoxide enkephalinamide
(SY) DALA
(HM) ENKEPHALIN, METHIONINE/*analogs
(PA) ANALGESICS, ADDICTIVE

enkephalinamide–Met, Tyr sulfate(1)–Ala (2)–
(SY) Met-enkephalinamide-Tyr sulfate(1)-Ala(2)
(SY) methionine enkephalinamide-1-tyrosine sulfate-2-alanine
(SY) 1-tyrosine sulfate-2-alanyl-methionine enkephalinamide
(SY) METSA
(HM) ENKEPHALIN, METHIONINE/*analogs

enkephalinamide-Pen-Cys see enkephalinamide, Pen(2)-Cys(5)-

enkephalinamide, Pen(2)–Cys(5)–
(SY) 2-penicillamine-5-cysteine enkephalinamide
(SY) enkephalinamide, D-penicillamine(2)-L-cysteine (5)-
(SY) enkephalinamide, D-penicillamine(2)-D-cysteine (5)-
(SY) enkephalinamide-Pen-Cys
(HM) *ENKEPHALINS
(NO) cyclic enkephalinamide analogs; structure given in first source

enkephalinamide, D-penicillamine(2)-D-cysteine(5)- see enkephalinamide, Pen(2)-Cys(5)-

enkephalinamide, D-penicillamine(2)-L-cysteine(5)- see enkephalinamide, Pen(2)-Cys(5)-

enkephalin aminopeptidase see enkephalin degrading enzyme

enkephalinase
(RN) EC 3.4.15.-
(SY) enkephalinase A
(SY) enkephalin dipeptidyl carboxypeptidase
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) may be an aspect of KININASE II; splits enkephalin at Gly(3)-Phe(4) peptide bond to liberate C-terminal dipeptide; a metalloendopeptidase; membrane-bound carboxydipeptidase

enkephalinase A see enkephalinase

enkephalinase B see peptidyl dipeptidase B

enkephalinase-24.11 see kidney-brush-border neutral proteinase

enkephalin–azo–albumin
(SY) (enkephalin-azo)6 BSA
(SY) BSA-azo-enkephalin
(HM) ENKEPHALIN, LEUCINE/*analogs
(HM) *SERUM ALBUMIN, BOVINE
(NO) Leu-enkephalin bonded by azo-bridge with tyrosyl residudes of albumin; structure given in first source

(enkephalin-azo)6 BSA see enkephalin-azo-albumin

enkephalin convertase see enkephalin-synthesizing carboxypeptidase

enkephalin, N-cyclo-(leucine(5))- see enkephalin, N-cyclo-(Leu(5))-

enkephalin, N-cyclo-(Leu(5))-
(SY) N-cyclo-(Leu(5))enkephalin
(SY) enkephalin, N-cyclo-(leucine(5))-
(SY) N-cyclo-(leucine(5))enkephalin
(HM) ENKEPHALIN, LEUCINE/*analogs
(NO) structure given in first source

enkephalin, Cys(2)–Pen(5)–
(SY) 2-cysteine-5-penicillamine enkephalin
(SY) Cys(2)-Pen(5)-enkephalin
(SY) enkephalin, cysteine(2)-penicillamine(5)
(HM) *ENKEPHALINS

enkephalin, cysteine(2)-penicillamine(5) see enkephalin, Cys(2)-Pen(5)-

enkephalin degrading enzyme
(RN) EC 3.4.11.-
(SY) ML-enkephalinase
(SY) enkephalin aminopeptidase
(SY) enkephalin exoaminopeptidase
(SY) Met-enkephalin aminopeptidase
(SY) aminoenkephalinase
(HM) *AMINOPEPTIDASES
(NO) degrades both-Met-enkephalin & Leu-enkephalin by cleavage of N-terminal Tyr-Gly bond

((enkephalin, N,N-diallyl-Ala(2)-Leu(5)) bis-)cystine(6)
(RN) 93450-55-6
(SY) BDAALES
(SY) bis(N,N-diallyl-2-alanyl-5-leucine-enkephalyl) cystine
(SY) bis(N,N-diallyl-Ala(2)-Leu(5)-enkephalyl)cystine
(SY) ((enkephalin, N,N-diallyl-alanyl(2)-leucine(5)) bis-)cystine
(HM) ENKEPHALIN, LEUCINE/*analogs
(NO) RN given form Toxline refers to (D-Ala-D-Leu)-isomer; RN not in Chemline 4/85

enkephalin, N,N-diallyl-Ala(2)-Leu(5)-
(RN) 88285-66-9
(RR) 88285-68-1 ((all L)-isomer)
(RR) 85834-70-4 ((all L-D-Ala)-isomer)
(SY) enkephalin, N,N-diallyl-2-alanyl-5-leucine-
(SY) N,N-diallyl-Ala(2)-Leu(5)-enkephalin
(SY) N,N-diallyl-2-alanyl-5-leucine enkephalin
(HM) ENKEPHALIN, LEUCINE/*analogs
(NO) RN given refers to (D-Leu-L-Tyr-D-ALa-L-Phe)-isomer; RN for cpd without isomeric designation not in Chemline 4/85

((enkephalin, N,N-diallyl-alanyl(2)-leucine(5))bis-) cystine see ((enkephalin, N,N-diallyl-Ala(2)-Leu(5))bis-)cystine (6)

enkephalin, N,N-diallyl-2-alanyl-5-leucine- see enkephalin, N,N-diallyl-Ala(2)-Leu(5)-

enkephalin dipeptidyl carboxypeptidase see enkephalinase

enkephalinethylamide–Leu, Ala(2)–N–((2-nitro–4–azidophenyl)amino)–
(SY) Leu-enkephalinethylamide-Ala(2)-N-((2-nitro-4-azidophenyl)amino)
(SY) leucine enkephalinethylamide-2-alanine-N-((2-nitro-4-azidophenyl)amino)
(SY) N-((2-nitro-4-azidophenyl)amino)-2-alanyl-leucine enkephalinethylamide
(SY) ENAPE
(HM) ENKEPHALIN, LEUCINE/*analogs
(HM) *AZIDES
(II) AFFINITY LABELS
(NO) structure given in first source

enkephalin exoaminopeptidase see enkephalin degrading enzyme

enkephalin-generating enzyme see Met-enk forming enzyme

enkephalin–Leu, acetaldehyde–
(RN) 76157-62-5
(SY) Leu-enkephalin-acetaldehyde
(SY) leucine enkephalin-acetaldehyde
(SY) acetaldehyde-leucine enkephalin
(HM) ENKEPHALIN, LEUCINE/*analogs

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enkephalin-Leu, Ala(2) melphalan methyl ester
(RN) 88457-22-1
(SY) Leu enkephalin-Ala(2) melphalan methyl ester
(SY) 2-alanyl-leucine enkephalin melphalan ester
(SY) DADL-MEL-OME
(SY) leucine enkephalin-2-alanine melphalan methyl ester
(HM) ENKEPHALIN, LEUCINE/*analogs
(HM) MELPHALAN/*analogs
(II) AFFINITY LABELS

enkephalin-Leu, Ala(2)-
(RN) 63631-40-3
(RR) 64789-65-7 (mono-HCl(D-Leu-L-Tyr-D-Ala-L-Phe)-isomer)
(RR) 64975-66-2 ((D-Tyr)-isomer)
(RR) 64963-01-5 ((L-Leu)-isomer)
(RR) 64830-48-4 (mono-HCl(L-Leu)-isomer)
(RR) 64963-08-2 ((L-Leu-D-Phe)-isomer)
(RR) 64963-05-9 ((L-Leu-D-Tyr)-isomer)
(RR) 60284-47-1 ((L-Leu-L-Ala)-isomer)
(RR) 83212-62-8 (3H-labeled cpd (L-Leu)-isomer)
(SY) BW 180C
(SY) Leu-enkephalin-Ala(2)
(SY) leucine enkephalin-2-alanine
(SY) 2-alanyl-leucine enkephalin
(SY) DADLE
(SY) DADL
(SY) D-Ala(2)-D-Leu(5)-enkephalin
(SY) enkephalin, Tyr(1)-Ala(2)-Leu-OH(5)-
(SY) enkephalin, Ala(2)-
(HM) ENKEPHALIN, LEUCINE/*analogs
(NO) RN given refers to (D-Leu-L-Tyr-D-Ala-L-Phe)-isomer; RN for cpd without isomeric designation not in Chemline 7/83

enkephalin-Leu, Arg(6)-
(RN) 75106-70-6
(SY) Leu-enkephalin-Arg(6)
(SY) leucine enkephalin-6-arginine
(SY) 6-arginyl-leucine enkephalin
(SY) L-Arginine, N(2)-(N-(N-(N-(N-L-tyrosylglycyl) glycyl)-L-phenylalanyl)-L-leucyl)-
(HM) ENKEPHALIN, LEUCINE/*analogs

enkephalin-Leu, 4'-bromo-Phe(4)-
(RN) 89705-56-6
(SY) Leu-enkephalin-4'-bromo-Phe(4)
(SY) leucine enkephalin-4-(4'-bromophenylalanine)
(SY) 4-(4'-bromophenylalanine)-leucine enkephalin
(SY) LEBP
(HM) ENKEPHALIN, LEUCINE/*analogs

enkephalin-Leu, des-Tyr(1)-
(RN) 60254-83-3
(RR) 88492-45-9 (monoacetate all (L)-isomer)
(SY) Leu-enkephalin-des-Tyr(1)
(SY) leucine enkephalin-1-destyrosine
(SY) des-Tyr(1)-leucine enkephalin
(HM) ENKEPHALIN, LEUCINE/*analogs
(NO) RN given refers to all (L)-isomer; RN for cpd without isomeric designation not in Chemline 9/84

enkephalin-Leu, 4-hydroxycinnamoyl(1)-
(RN) 88492-42-6
(SY) leucine enkephalin, 4-hydroxycinnamoyl(1)-
(SY) 4-hydroxycinnamoyl-glycyl-glycyl-phenylalanyl-leucine
(SY) Leu-enkephalin-OHCIN
(HM) ENKEPHALIN, LEUCINE/*analogs

enkephalin Leu, Thr(2)-Thr(6)- see deltakephalin

enkephalin-Met, acetaldehyde-
(RN) 74080-62-9
(SY) Met-enkephalin-acetaldehyde
(SY) methionine enkephalin-acetaldehyde
(SY) acetaldehyde-methionine enkephalin
(HM) ENKEPHALIN, METHIONINE/*analogs

enkephalin-Met, Ala(2)-
(RN) 61370-87-4
(SY) DALMEE
(SY) Met-enkephalin-Ala(2)
(SY) methionine enkephalin-2-alanine
(SY) 2-alanyl-methionine enkephalin
(HM) ENKEPHALIN, METHIONINE/*analogs
(PA) ANALGESICS
(NO) synthetic analog of methionine enkephalin

enkephalin-Met, Arg(6)-Arg(7)-Val(8)-Gly(9)-Arg(10)-Pro(11)-Glu(12)- see BAM 12P

enkephalin-Met, Arg(6)-Arg(7)-Val-NH2(8) see adrenorphin

enkephalin-Met, Arg(6)-Gly(7)-Leu(8)-Lys(9)-
(RN) 86533-29-1
(SY) Met-enkephalin-Arg(6)-Gly(7)-Leu(8)-Lys(9)
(SY) methionine enkephalin-6-arginyl-7-glycyl-9-leucyl-9-lysine
(SY) 6-arginyl-7-glycyl-9-leucyl-9-lysyl-methionine enkephalin
(SY) MEAGLL
(HM) ENKEPHALIN, METHIONINE/*analogs

enkephalin-Met, Arg(6)-Gly(7)-Leu(8)-
(RN) 80501-44-6
(SY) Met-enkephalin-Arg(6)-Gly(7)-Leu(8)
(SY) methionine enkephalin-6-arginyl-7-glycyl-8-leucine
(SY) MEAGL
(SY) 6-arginyl-7-glycyl-8-leucyl-methionine enkephalin
(HM) ENKEPHALIN, METHIONINE/*analogs
(NO) from bovine adrenal medulla; has 35% the opiate receptor binding activity of Met-enkephalin

enkephalin-Met, Arg(6)-PheNH(2)(7)-
(RN) 78761-61-2
(SY) Met-enkephalin-Arg(6)-PheNH(2)(7)
(SY) methionine enkephalin-6-arginyl-7-phenylalaninamide
(SY) MEAPAA
(SY) 6-arginyl-7-phenylalaninamide-methionine enkephalin
(SY) YGGFMRF amide
(HM) ENKEPHALIN, METHIONINE/*analogs
(NO) heptapeptide enkephalinamide analog

enkephalin, Met(5)-Arg(6)-Phe(7) receptor see methionine-enkephalin receptor

enkephalin-Met, Arg(6)-Phe(7)-
(RN) 73024-95-0
(SY) met-enk-AP
(SY) Met-enkephalin-Arg(6)-Phe(7)
(SY) methionine enkephalin-6-arginyl-7-phenylalanine
(SY) 6-arginyl-7-phenylalanyl-methionine enkephalin
(SY) tyrosyl-glycyl-glycyl-phenylalanyl-methionyl-arginyl-phenylalanine
(SY) Tyr-Gly-Gly-Phe-Met-Arg-Phe
(SY) YGGFMRF
(SY) enkephalin Met, heptapeptide
(HM) ENKEPHALIN, METHIONINE/*analogs

enkephalin-Met, Arg(6)-
(RN) 76310-14-0
(SY) Met-enk-A
(SY) Met-enkephalin-Arg(6)
(SY) methionine enkephalin-6-arginine
(SY) 6-arginyl-methionine enkephalin
(HM) ENKEPHALIN, METHIONINE/*analogs
(NO) opioid hexapeptide found in adrenal medulla & brain

enkephalin-Met, 4'-bromo-Phe(4)-
(RN) 89705-57-7
(SY) Met-enkephalin-4'-bromo-Phe(4)
(SY) methionine enkephalin-4-(4'-bromophenylalanine)
(SY) 4-(4'-bromophenylalanine)-methionine enkephalin
(SY) MEBP
(HM) ENKEPHALIN, METHIONINE/*analogs

enkephalin-Met, des-Tyr(1)-
(RN) 61370-88-5
(RR) 68800-28-2 (mono-HCl(L-Met-L-Phe)-isomer)
(SY) Met-enkephalin-des-Tyr(1)
(SY) methionine enkephalin-1-detyrosine
(SY) 1-detyrosinyl-methionine enkephalin
(SY) des-Tyr(1)-Met-enkephalin
(HM) ENKEPHALIN, METHIONINE/*analogs
(NO) causes retrograde amnesia in rats; RN given refers to (L-Met-L-Phe)-isomer; RN for cpd without isomeric designation not in Chemline 7/83

enkephalin Met, heptapeptide see enkephalin-Met, Arg(6)-Phe(7)-

enkephalin, 2-methionyl-5-prolinamide see enkephalin, Met(2)-ProNH(2)(5)-

enkephalin, 1-N-methyl-Ala(2)-N-(1-(hydroxymethyl)-3-(methylsulfinyl)propyl)-N(alpha)-methyl-PheNH(4)- see FW 34569

enkephalin-Met, like substances
(SY) METH-ENK-LS
(SY) Met-enkephalin-like substances
(SY) methionine enkephalin-like substances
(HM) ENKEPHALIN, METHIONINE/*analogs

enkephalin-Met, Lys(6)-Arg(7)-
(RN) 83404-42-6
(SY) Met-enkephlin-Lys(6)-Arg(7)
(SY) methionine enkephalin-6-lysyl-7-arginine
(SY) 6-lysyl-7-arginyl-methionine enkephalin
(HM) ENKEPHALIN, METHIONINE/*analogs

enkephalin-Met, Lys(6)-
(RN) 75909-25-0
(SY) Met-enk-L
(SY) Met-enkephalin-Lys(6)
(SY) methionine enkephalin-6-lysine
(SY) 6-lysyl-methionine enkephalin
(HM) ENKEPHALIN, METHIONINE/*analogs
(NO) opioid hexapeptide found in adrenal medulla & brain

enkephalin, Met(2)-4-nitro-Phe(4)-ProNH2(5)- see BW 942C

enkephalin, Met(2)-ProNH(2)(5)-
(RN) 63307-63-1
(SY) enkephalin, 2-methionyl-5-prolinamide
(SY) 2-methionyl-5-prolinamide enkephalin
(SY) GYKI 14238
(SY) D-Met(2)-Pro(5)-enkephalinamide
(HM) ENKEPHALIN, METHIONINE/*analogs
(PA) ANALGESICS

enkephalin-Met, sulfoxide-
(RN) 60283-51-4
(SY) Met-enkephalin sulfoxide
(SY) methionine enkephalin sulfoxide
(SY) oxidized methionine enkephalin
(HM) ENKEPHALIN, METHIONINE/*analogs

enkephalin-Met, tyrosine-O-sulfate
(RN) 81788-49-0
(SY) Met-enkephalin-tyrosine-O-sulfate
(SY) methionine enkephalin-tyrosine-O-sulfate
(SY) METOS
(HM) ENKEPHALIN, METHIONINE/*analogs

enkephalin, Pen(2)-Cys(5)-
(SY) 2-penicillamine-5-cysteine enkephalin
(SY) enkephalin, D-penicillamine(2)-D-cysteine(5)-
(SY) D-Pen(2)-L-Cys(5)-enkephalin
(SY) Pen-Cys-enkephalin
(HM) *ENKEPHALINS
(NO) cyclic enkephalin carboxylic acid terminal analogs corresponding to enkephalinamide. Pen(2)-Cys(5); structure given in first source

enkephalin, D-penicillamine(2)-D-cysteine(5)- see enkephalin, Pen(2)-Cys(5)-

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enkephalin, penicillamine(2)(5)- see enkephalin, Pen(2)-Pen(5)-

enkephalin, Pen(2)-Pen(5)-
(RN) 88381-29-7
(RR) 88381-28-6 (all L, D-valyl-isomer)
(SY) 2,5-penicillamine enkephalin
(SY) enkephalin, penicillamine(2)(5)-
(SY) bis-penicillamine enkephalin
(SY) bis-pen-enkephalin
(SY) DPDPE
(SY) Pen(2),Pen(5)-enkephalin
(HM) *ENKEPHALINS
(PA) ANALGESICS
(NO) RN given refers to D-Val-L-Tyr-L-Phe-isomer; RN for cpd without isomeric designation not in Chemline 4/85

enkephalin-synthesizing carboxypeptidase
(RN) EC 3.4.-
(SY) enkephalin convertase
(HM) *CARBOXYPEPTIDASES
(NO) converts enkephalin precursors into enkephalin in adrenal chromaffin granules

enkephalin, Tyr(1)-Ala(2)-Leu-OH(5)- see enkephalin-Leu, Ala(2)-

enmenol
(RN) 28957-06-4
(HM) *DITERPENES
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC

ENNG
(RN) 4245-77-6
(SY) ethyl-N'-nitro-N-nitrosoguanidine
(HM) METHYLNITRONITROSOGUANIDINE/*analogs
(PA) CARCINOGENS
(PA) MUTAGENS

enniatin synthetase see enniatin B synthetase

enniatin B synthetase
(RN) EC 6.3.2.-
(SY) enniatin synthetase
(HM) *PEPTIDE SYNTHETASES

2-enoate reductase
(RN) EC 1.3.1.31
(HM) *OXIDOREDUCTASES
(NO) an iron-sulfur flavoprotein which reduces alpha,beta-unsaturated carboxylate anions in a NADPH-dependent reaction to saturated carboxylate anions;FATTY ACIDS, UNSATURATED may be replaced by specific substrate

9-enol-PGE2-methyl ester trimethylsilyl ether see 9-enol-prostaglandin E2 methyl ester trimethylsilyl ether

9-enol-prostaglandin E2 methyl ester trimethylsilyl ether
(SY) methyl ester trimethylsilyl ether 9-enol-PGE2
(SY) 9-enol-PGE2-methyl ester trimethylsilyl ether
(SY) EPGE2-METE
(HM) *PROSTAGLANDINS E, SYNTHETIC

5-enolpyruvylshikimic acid-3-phosphate synthase see 3-enolpyruvyl shikimic acid 5-phosphate synthetase

3-enolpvruvyl shikimic acid 5-phosphate synthetase
(RN) ec 2.5.1.19
(RR) 9068-73-9 (CRN)
(SY) 5-enolpyruvylshikimic acid-3-phosphate synthase
(SY) EPSP synthase
(HM) *TRANSFERASES
(NO) shikimic acid 5-P plus phosphoenolpyruvate yields 3-enolpyruvyl shikimic acid 5-phosphate

enovid see infecundin

Enovid-E see infecundin

enoxacin
(RN) 74011-58-8
(SY) AT-2266
(SY) CI-919
(SY) CI 919
(SY) AT 2266
(SY) 1-ethyl-6-fluoro-1,4-dihydro-4-oxa-7-(1-piperazinyl)-1,8-naphthyridine-3-carboxylic acid
(HM) *NAPHTHYRIDINES
(PA) ANTI-INFECTIVE AGENTS
(PA) ANTI-INFECTIVE AGENTS, URINARY
(NO) structure given in first source

4-en-3-oxosteroid-(acceptor)-1-en oxidoreductase see 3-oxosteroid delta(1) dehydrogenase

enoyl-(acyl-carrier-protein) reductase
(RN) EC 1.3.1.9
(SY) enoyl reductase
(HM) *OXIDOREDUCTASES
(NO) component of fatty acid synthetase complex

enoyl-(acyl-carrier-protein)reductase (NADPH)
(RN) EC 1.3.1.10
(HM) *OXIDOREDUCTASES

enoyl-CoA isomerase see dodecenoyl-coenzyme A delta-isomerase

3-cis-2-trans-enoyl-CoA isomerase see dodecenoyl-coenzyme A delta-isomerase

cis-2-enoyl-CoA reductase (NADPH) see acyl-CoA dehydrogenase (NADPH)

2-enoyl-CoA reductase (NADPH) see acyl-CoA dehydrogenase (NADPH)

4-enoyl-CoA reductase (NADPH)
(RN) EC 1.3.1.34
(SY) 2,4-dienoyl-CoA reductase
(HM) *FATTY ACID DESATURASES
(NO) forms 3-enoyl-CoA; involved in degradation of polyunsaturated fatty acids

trans-2-enoyl-CoA reductase see acyl-CoA dehydrogenase (NADPH)

enoylpyruvate transferase
(RN) EC 2.5.1.7
(RR) 9023-27-2 (CRN)
(HM) *TRANSFERASES

enoyl reductase see enoyl-(acyl-carrier-protein) reductase

enpiroline see WR-180,409

enprofen
(RN) 37664-95-2
(RR) 67700-30-5 ((+-)-isomer)
(SY) R-803
(HM) *BENZOFURANS
(PA) ANTI-INFLAMMATORY AGENTS
(NO) RN given refers to parent cpd; structure

enprofylline
(RN) 41078-02-8
(SY) 3-propylxanthine
(HM) *XANTHINES
(PA) BRONCHODILATOR AGENTS
(II) ASTHMA/drug ther

enprostil
(RN) 73121-56-9
(RR) 82444-04-0 ((1alpha,2beta(1E,3R*),3alpha)-(+-)-isomer)
(SY) methyl 9-keto-11,15-dihydroxy-16-phenoxy-17,18,19,20-tetranorprosta-4,5,13-trienoate
(SY) 9-keto-11,15-dihydroxy-16-phenoxy-17,18,19,20-tetranorprosta-4,5,13-trienoic acid methyl ester
(HM) *PROSTAGLANDINS E, SYNTHETIC
(NO) protects against aspirin-induced antral & duodenal damage; RN given refers to (1R*,2R*,3R*)(E)-isomer; RN for cpd without isomeric designation not in Chemline 1/85

enramycin
(RN) 11115-82-5
(HM) *ANTIBIOTICS
(NO) isolated from cultures of Streptomyces fungicidicus

entactin
(HM) *GLYCOPROTEINS
(II) BASEMENT MEMBRANE
(NO) basal lamina-associated sulfated glycoprotein

ent-16 alpha-methylamino-3-methoxy-1,3,5(10)-estratrien-17 beta-ol see 16-methylamino-3-methoxy-1,3,5-estratrien-17-ol

entamide furoate see diloxanide furoate

enterobacterial common antigen
(SY) entobacterial common antigen
(HM) *ANTIGENS, BACTERIAL
(II) ENTEROBACTERIACEAE/immunol

enterobactin carrier protein see enterobactin receptor

enterobactin receptor
(SY) enterobactin receptors
(SY) enterochelin receptor
(SY) enterochelin receptors
(SY) receptor, enterobactin
(SY) receptor, enterochelin
(SY) enterobactin carrier protein
(SY) enterochelin carrier protein
(HM) *CARRIER PROTEINS
(II) ENTEROCHELIN
(II) BACTERIAL OUTER MEMBRANE PROTEINS
(NO) protein which transports iron in E.coli

enterobactin receptors see enterobactin receptor

enterochelin carrier protein see enterobactin receptor

enterochelin receptor see enterobactin receptor

enterochelin receptors see enterobactin receptor

enterodiol see 2,3-bis(3'-hydroxybenzyl)butane-1,4-diol

enterolactone see 2,3-bis(3'-hydroxybenzyl)butyrolactone

entero-oxyntin
(RN) 59828-38-5
(HM) *PEPTIDES
(II) GASTROINTESTINAL HORMONES
(NO) peptide hormone from intestine which stimulates oxyntic cells

Enteroquin see Intestopan

enterotoxin B see enterotoxin B, staphylococcal

enterotoxin, Bacillus cereus
(SY) Bacillus cereus enterotoxin
(HM) *ENTEROTOXINS
(II) BACILLUS CEREUS

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enterotoxin, Cholera
(SY) cholera enterotoxin
(SY) Vibrio cholera enterotoxins
(HM) *ENTEROTOXINS
(II) VIBRIO CHOLERAE

enterotoxin, Clostridium
(SY) Clostridium perfringens enterotoxin
(SY) Clostridium Perfringens Type A enterotoxin
(SY) Clostridium perfringens sporotoxin
(SY) Clostridium perfringens (Welchii) sporotoxin
(HM) *ENTEROTOXINS
(II) CLOSTRIDIUM PERFRINGENS

Enterotoxin D see enterotoxin D, Staphylococcal

enterotoxin LT
(SY) Escherichia coli heat-labile toxin
(SY) E coli heat-labile toxin
(SY) heat-labile enterotoxin, E coli
(HM) *ENTEROTOXINS
(HM) *BACTERIAL TOXINS
(II) ESCHERICHIA COLI
(NO) heat-labile enterotoxin from enterotoxigenic E. coli

enterotoxin receptor
(SY) staph enterotoxin receptors
(SY) receptor, staphylococcal enterotoxins
(SY) staph enterotoxin receptor
(SY) receptor, enterotoxin
(SY) enterotoxin receptors
(SY) E coli enterotoxin receptor
(HM) *RECEPTORS, IMMUNOLOGIC
(II) ENTEROTOXINS

enterotoxin receptors see enterotoxin receptor

enterotoxin ST see heat stable toxin (E coli)

enterotoxin A, Staphylococcal
(RN) 37337-57-8
(SY) Staphylococcal enterotoxin A
(SY) staph enterotoxin A
(HM) *ENTEROTOXINS
(II) STAPHYLOCOCCUS AUREUS
(NO) RN given refers to enterotoxin A in Chemline; found in cheddar cheese

enterotoxin B, staphylococcal
(RN) 39424-53-8
(RR) 11100-45-1 (staph reduced)
(SY) enterotoxin B
(SY) staph enterotoxin B
(SY) staphylococcal enterotoxin B
(HM) *ENTEROTOXINS
(II) STAPHYLOCOCCUS AUREUS

enterotoxin C, Staphylococcal
(RN) 39424-54-9
(SY) Staphylococcal enterotoxin C
(SY) Staph enterotoxin C
(SY) Staph enterotoxin C1
(HM) *ENTEROTOXINS
(II) STAPHYLOCOCCUS AUREUS

enterotoxin D, Staphylococcal
(RN) 12788-99-7
(SY) Staphylococcal enterotoxin D
(SY) Staph enterotoxin D
(SY) Enterotoxin D
(HM) *ENTEROTOXINS

enterotoxin F, Staphylococcal
(SY) Staphylococcal enterotoxin F
(SY) Staph enterotoxin F
(SY) toxic-shock toxin
(SY) TSST-1
(HM) *ENTEROTOXINS
(II) STAPHYLOCOCCUS AUREUS
(NO) may be cause of the signs & symptoms of toxic shock syndrome; simple protein MW appr. 24,000

entobacterial common antigen see enterobacterial common antigen

entobex see phanquinone

Entonox
(RN) 54510-89-3
(SY) Nitronox
(SY) eutonal
(SY) Anesoxyn-50
(HM) *NITROUS OXIDE
(HM) *OXYGEN
(HM) DRUG COMBINATIONS
(PA) ANESTHESIA, OBSTETRICAL
(PA) ANESTHESIA, DENTAL
(PA) PREANESTHETIC MEDICATION
(NO) combination drug containing premixed 50% nitrous oxide & 50% oxygen

ENT 29126 see etrimfos

ENT-61585 see A 13-61585

ENT-70221 see ethylphenylepoxygeranyl ether

ENT 70221 see ethylphenylepoxygeranyl ether

ENUR see N-ethyl-N-nitrosourethane

2-envalproic acid see 2-propyl-2-pentenoic acid

envelope proteins, bacterial see bacterial envelope proteins

enviroxime
(RN) 63198-97-0
(SY) 2-amino-1-(isopropylsulfonyl)-6-benzimidazole phenyl ketone oxime
(SY) LY 122771-72
(SY) AR-336
(SY) Lilly 122771-72
(SY) AR 336
(HM) *BENZIMIDAZOLES
(PA) ANTIVIRAL AGENTS
(NO) structure

enzacryl AH
(RN) 55965-12-3
(HM) *ACRYLIC RESINS
(NO) solid carrier

enzaprost F see prostaglandin F2

D-enzyme see 4 alpha-glucanotransferase

enzyme II (fructose) see phosphoenolpyruvate-fructose phosphotransferase

enzyme II (galactitol) see phosphoenolpyruvate-galactitol phosphotransferase

enzyme II (galactose) see phosphoenolpyruvate-galactose phosphotransferase

enzyme II-B(Glc) phosphoenolpyruvate phosphotransferase system see phosphoenolpyruvate-glucose phosphotransferase

enzyme II (glucose) see phosphoenolpyruvate-glucose phosphotransferase

enzyme III(Glc) PEPPTS see phosphoenolpyruvate-glucose phosphocarrier protein

enzyme III (Glc, Scr) see phosphoenolpyruvate-glucose phosphocarrier protein

enzyme III (glucitol) PEPPTS see phosphoenolpyruvate-glucitol phosphocarrier protein

enzyme III(XTL) see phosphoenolpyruvate-xylitol phosphotransferase

enzyme II (mannose) see phosphoenolpyruvate-mannose phosphotransferase

enzyme II(Mtl) see phosphoenolpyruvate-mannitol phosphotransferase

enzyme II (sorbitol) see phosphoenolpyruvate-sorbitol phosphotransferase

Enzyme-paractol
(SY) Enzym-paractol
(HM) *SIMETHICONE
(HM) *ENZYMES
(HM) *ALUMINUM HYDROXIDE
(HM) DRUG COMBINATIONS
(NO) contains Rhizopus arrhizus enzyme, lipase, Aspergillus oryzae enzyme, protease, amylase, simethicone and Al hydroxide gel

enzyme I PEPPTS see phosphoenolpyruvate-protein phosphotransferase

enzyme I, phosphoenolpyruvate sugar phosphotransferase system see phosphoenolpyruvate-protein phosphotransferase

enzymobeads
(HM) *LACTOPEROXIDASE
(HM) *GLUCOSE OXIDASE
(II) MICROSPHERES
(II) ENZYMES, IMMOBILIZED
(NO) lactoperoxidase-glucose oxidase beads used as reagent for etching ultra-thin plastic sections in immunoelectron microscopy

Enzym-paractol see Enzyme-paractol

EN-313 see moracizin

EOE 13 see ethiodized oil emulsion 13

EOE-13 see ethiodized oil emulsion 13

6-EOE see 6-ethyl-9-oxaergoline

EOHDNP see
4-ethoxy-3-hydroxy-3,4-dihydro-2H-naphtho(1,2-b)pyran

eosin-5-acetamide see iodoacetamidoeosin

eosine isothiocyanate
(RN) 60520-47-0
(HM) EOSIN/*analogs
(NO) "triplet" probe for measuring slow rotational diffusion of macromolecules

eosin maleimide
(RN) 76296-42-9
(HM) EOSIN/*analogs

eosinophil basic protein
(SY) eosinophil cationic protein
(SY) eosinophil major basic protein
(SY) eosinophil protein X
(HM) *BLOOD PROTEINS
(II) EOSINOPHILS

eosinophil cationic protein see eosinophil basic protein

eosinophil-directed chemotactic inhibitory factor see chemotactic inhibitory factor

eosinophil granulocytopoietin see eosinophilopoietin

eosinophil major basic protein see eosinophil basic protein

eosinophilopoietin
(RN) 64734-77-6
(SY) eosinophil granulocytopoietin
(HM) *PEPTIDES
(PA) HEMATINICS
(II) EOSINOPHILS
(NO) humoral factor capable of stimulating eosinophil granulocytopoiesis; compared with, but not, colony stimulating factor

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eosinophil peroxidase
(RN) EC 1.11.1.-
(HM) *PEROXIDASES
(II) EOSINOPHILS/enzymol
(NO) peroxidase from eosinophil granules distinct from myeloperoxidase; claimed to enhance destruction of fungi, bacteria, schistosomula, toxoplasma, trypanosoma, mast cells, tumor cells in presence of exogenous H2O2 & halide

eosinophil promoting material see eosinophil stimulating promoter

eosinophil protein X see eosinophil basic protein

eosinophil stimulating promoter
(SY) lymphokine eosinophil stimulation promoter
(SY) eosinophil promoting material
(HM) *LYMPHOKINES
(II) EOSINOPHILS
(NO) secreted from T-lymphocytes on exposure to specific antigenic stimuli & results in enhanced migration of eosinophils from agarose droplets

E-17-ox-BSA see estrone-17-oxime-bovine serum albumin

Ep-459-AF see Ep 459-asialofetuin conjugate

Ep 459-asialofetuin conjugate
(SY) asialofetuin-Ep 459
(SY) Ep-459-AF
(HM) LEUCINE/*analogs
(HM) *ALPHA FETOPROTEINS
(PA) PROTEASE INHIBITORS

EPDAD see pyridine 1,N(6)-ethenoadenine dinucleotide

ependymin beta see ependymins

ependymin gamma see ependymins

ependymins
(SY) ependymin beta
(SY) ependymin gamma
(HM) *NERVE TISSUE PROTEINS
(NO) goldfish brain proteins involved in behavioral plasticity

eperisone see 4'-ethyl-2-methyl-3-piperidinopropiophenone

EPGE2-METE see 9-enol-prostaglandin E2 methyl ester trimethylsilyl ether

3-EPG see ethyl 3-phenylglycidate

ephatin see efatin

ephedran
(SY) ephedran A
(SY) ephedran B
(SY) ephedran C
(SY) ephedran D
(SY) ephedran E
(SY) ephedrans
(HM) *POLYSACCHARIDES
(PA) HYPOGLYCEMIC AGENTS
(II) PLANTS, MEDICINAL
(NO) from Ephedta distachya herbs

ephedran A see ephedran

ephedran B see ephedran

ephedran C see ephedran

ephedran D see ephedran

ephedran E see ephedran

ephedrans see ephedran

ephedrine phosphate
(RN) 55340-64-2
(RR) 7234-09-5 (((R*,S*)-(+-))-isomer)
(RR) 7234-08-4 ((S-(R*,S*))-isomer)
(RR) 7234-07-3 ((R-(R*,S*))-isomer)
(SY) phosphorylephedrine
(HM) EPHEDRINE/*analogs
(NO) RN given refers to cpd with unspecified isomeric designation

ephedroxane
(RN) 16251-46-0
(RR) 15833-15-5 ((cis-(+-))-isomer)
(RR) 16251-47-1 ((4S-trans)-isomer)
(RR) 91049-48-8 ((4R-cis)-isomer)
(RR) 91049-51-3 ((4R-trans)-isomer)
(RR) 91740-65-7 ((trans-(+-))-isomer)
(SY) pseudoephedroxane
(HM) *OXAZOLES
(NO) RN given refers to (4S-cis)-isomer; RN for cpd without isomeric designation not in Chemline 9/85

EPHETA see 10-hydroxy-11,12-epoxyeicosa-5,8,14-trienoic acid

4'-epiadrianycin see 4'-epidoxorubicin

4-epianhydrotetracycline see 5a,6-anhydrotetracycline

epibolin see cell spreading factor

epicillin
(RN) 26774-90-3
(SY) 6-(D-2-amino-2-(1,4-cyclohexadien-1-yl) acetamido-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo(3.2.0)heptane-2-carboxylic acid
(SY) dexacillin
(SY) spectacillin
(SY) SQ 11,302
(SY) SQ-11,302
(SY) dihydroampicillin
(HM) AMPICILLIN/*analogs
(NO) semisynthetic penicillin type antibiotic; minor descriptor (75-85); on-line & Index Medicus search AMPICILLIN/AA (75-85); RN given refers to (2s(2alpha,5alpha,6beta(S*)))-isomer; RN for cpd without isomeric designation not in Chemline 7/85

epicostaclavin see costaclavin

4'-epidaunomycin
(RN) 75444-29-0
(RR) 56390-13-7 ((beta-L)-(8S-cis)-isomer)
(RR) 63950-07-2 (HCl(8S-cis)-isomer)
(HM) DAUNORUBICIN/*analogs
(NO) RN given refers to (beta-D)-(8S-cis)-isomer; RN for cpd without isomeric designation not in Chemline 8/84; structure given in first source

3'-epidaunorubicin
(RN) 66322-65-4
(RR) 67463-64-3 (HCl(8s-cis)-isomer)
(HM) *DAUNORUBICIN
(PA) STEREOISOMERS
(NO) xylo configuration; RN given refers to (8S-cis)-isomer; RN for cpd without isomeric designation not in Chemline 8/85

epidermal G1-chalone see G(1) chalone

epidermal G2 chalone see G(2) chalone

epidermal growth factor binding protein see epidermal growth factor receptor

epidermal growth factor (32-48), Cys-SO3H(33),(42)-
(SY) Cys-SO3H(33),(42)-epidermal growth factor (32-48)
(SY) EGF (32-48), 33,42-cysteinesulfonate-
(SY) 33,42-cysteinesulfonate-urogastrone (32-48)
(SY) urogastrone(32-48), 33,42-cysteinesulfonate
(SY) Syn-URO
(HM) EPIDERMAL GROWTH FACTOR-UROGASTRONE/*analogs

epidermal growth factor precursor
(SY) prepro-EGF
(HM) *EPIDERMAL GROWTH FACTOR-UROGASTRONE
(HM) *PROTEIN PRECURSORS

epidermal growth factor receptor
(SY) epidermal growth factor-urogastrone receptor
(SY) urogastrone receptor
(SY) EGF-URO receptor
(SY) epidermal growth factor receptors
(SY) receptor, epidermal growth factor
(SY) urogastrone receptors
(SY) receptor, urogastrone
(SY) EGF receptor
(SY) EGF receptors
(SY) epidermal growth factor binding protein
(SY) protease D (submandibular)
(SY) TGF receptors
(SY) TGF receptor
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) EPIDERMAL GROWTH FACTOR-UROGASTRONE
(NO) although epidermal growth factor & urogastrone are quite distinct molecules, both have identical positioning of disulfide bonds & share the same cellular receptor site in human fibroblasts

epidermal growth factor receptor-kinase
(RN) EC 2.7.1.-
(SY) EGF receptor-kinase
(HM) *PROTEIN KINASES

epidermal growth factor receptor related protein
(SY) ERRP
(HM) *GLYCOPROTEINS
(II) EPIDERMAL GROWTH FACTOR-UROGASTRONE
(NO) secreted by human epidermoid carcinoma A431 cells; MW 105,000; not derived from receptor, but secreted from cell

epidermal growth factor receptors see epidermal growth factor receptor

epidermal growth factor related transforming growth factor see transforming factor

epidermal growth factor-ricin complex
(SY) EGF-ricin
(SY) EGF-ricin A chain
(HM) *RICIN
(HM) *EPIDERMAL GROWTH FACTOR-UROGASTRONE

epidermal growth factor-urogastrone receptor see epidermal growth factor receptor

epidermal thiolprotease inhibitor see thiolprotease inhibitor

epidermolysis bullosa acquisita antigen
(SY) EBA antigen
(HM) *AUTOANTIGENS
(II) EPIDERMOLYSIS BULLOSA
(NO) basement membrane component

epidian
(RN) 9087-76-7
(HM) *EPOXY RESINS

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4'-epidoxorubicin
(RN) 56420-45-2
(RR) 56390-09-1
(HCl((8S-cis)-(alpha-L-arabino))-isomer)
(SY) 4'-epi-DXR
(SY) 4-epi-adriamycin
(SY) 4'-epiadriamycin
(SY) epirubicin
(SY) NSC-256942
(SY) NSC 256942
(HM) *DOXORUBICIN
(II) STEREOISOMERS
(NO) RN given refers to ((8S-cis)-(beta-L-arabino))-isomer; structure given in first source

epiervatamine see ervatamine

epigallo-catechin gallate
(RN) 989-51-5
(RR) 27044-00-4 ((2R-cis)-isomer, unspecified gallate position)
(HM) *CATECHIN/analogs
(PA) MUTAGENS/antag
(NO) antimutagen from Japanese green tea (Camellia sinensis); RN given refers to (2R-cis)-isomer; RN for cpd without isomeric designation not in Chemline 7/85; structure given in first source

Epigard
(RN) 56093-67-5
(SY) polytetrafluoroethane
(HM) *FLUOROCARBON POLYMERS
(II) OCCLUSIVE DRESSINGS

Epigid see 6-methyl-2-ethyl-3-hydroxypyridine

epiglycanin
(HM) *GLYCOPROTEINS
(II) MEMBRANE PROTEINS
(II) NEOPLASM PROTEINS
(NO) a glycoprotein found on the cell surface of the parent TA3-Ha cell.

epihydrin alcohol see glycidol

epihydrinaldehyde see glycinaldehyde

epilupinine see lupinine

epimedii see epimedii flavone

epimedii flavone
(SY) epimedii
(HM) *PLANT EXTRACTS
(II) MEDICINE, HERBAL
(NO) no other information available

epimine plastics
(HM) *RESINS, SYNTHETIC
(NO) oxide of the epoxy resins is replaced by an imino group

epinectin
(HM) *NEOPLASM PROTEINS
(II) CELL ADHESION
(NO) 70,000 MW protein from A431 carcinoma cell extracellular matrix that promotes cell substratum adhesion of epidermoid tumor cells

epinemin
(HM) *INTERMEDIATE FILAMENT PROTEINS
(NO) MW 44,500; protein associated with vinmentin filaments in muscle & cultured cells

epinephrine sulfate
(RN) 77469-50-2
(SY) epinephrine sulfoconjugate
(HM) EPINEPHRINE/*analogs

epinephrine sulfoconjugate see epinephrine sulfate

epinoval see novonal

epipachysamine A
(RN) 2309-42-4
(SY) epipachysamine-A
(HM) *ALKALOIDS
(NO) steroidal alkaloid isolated from Pachysandra terminalis; RN from Toxline; RN not in Chemline 10/84; structure in first source

epipachysamine-A see epipachysamine A

epirubicin see 4'-epidoxorubicin

5-episisomicin
(SY) Sch 22591
(HM) *SISOMICIN
(II) STEREOISOMERS
(NO) 5-epimer of sisomicin

epithalamin
(RN) 64082-79-7
(HM) *PEPTIDES
(NO) epiphysial polypeptoid extract

epithelial membrane antigen see epithelial membrane glycoprotein

epithelial membrane glycoprotein
(SY) milk-fat-globule membrane glycoprotein
(SY) EMGP-70
(SY) EMGP-155
(SY) EMGP-39
(SY) epithelial membrane glycoprotein antigen
(SY) epithelial membrane antigen
(SY) human milk fat globule antigen 1
(SY) human milk fat globule antigen 2
(SY) apocrine epithelial antigen
(SY) glycoprotein PAS-0
(SY) MAM-3
(SY) MAM-5
(SY) MAM-6
(HM) *MEMBRANE PROTEINS
(II) ANTIGENS
(NO) from human breast milk-fat-globule membrane

epithelial membrane glycoprotein antigen see epithelial membrane glycoprotein

epithienamycin see thienamycin

3,4-epithiobutanenitrile
(RN) 58130-93-1
(RR) 78800-16-5 ((+-)-isomer)
(RR) 76786-80-6 ((3S[+-])-isomer)
(HM) *NITRILES
(NO) thiirane occuring naturally in cruciferous vegetables; structure in first source

9,11-epithio-11,12-methanothromboxane A2 see STA 2

epithiostanol see epitiostanol

epitiostanol
(RN) 2363-58-8
(SY) 10275-S
(SY) 2 alpha,3 alpha-epithio-5 alpha-androstan-17 beta-ol
(SY) epithiostanol
(HM) *ANDROSTANOLS
(PA) ANTINEOPLASTIC AGENTS
(NO) used in therapy of advanced breast cancer; structure

EPMP see ethyl 4-nitrophenyl methylphosphonate

epomediol
(RN) 56084-15-2
(SY) 1,8-epoxy-1-methyl-4-isopropylcyclohexane-2,6-diol
(SY) clesidren
(HM) *TERPENES
(PA) CHOLAGOGUES AND CHOLERETICS
(NO) marked choleretic activity in Wistar rats; mechanism of action may be related to increases in both the bile salt dependent & independent fractions of bile

EPON
(RN) 67076-53-3
(RR) 31425-02-2 (epon 1310)
(RR) 63089-76-9 (epon 562)
(RR) 40039-93-8 (epon 864)
(RR) 31305-91-6 (epon 812)
(RR) 30621-65-9 (epon 1031)
(RR) 29407-84-9 (epon 815)
(RR) 25068-38-6 (epon 201,epon 384,epon 820,epon 825,epon 826,epon 828,epon 829, epon 830,epon 834,epon 836,epon 840,epon 871,epon 1001,epon 1002,epon 1004, epon 1007,epon 1009,epon 1010,epon 1104,epon 2001,epon DRH 201
(SY) Epon 812
(HM) *EPOXY RESINS
(NO) RN given refers to cpd with unknown MF; see also record for araldite B (RN 25085-99-8)

Epon 812 see EPON

epoxidase
(RN) EC 1.-
(HM) *OXIDOREDUCTASES

epoxy acrylate see bisphenol A epoxy resin diacrylate ester

1,2-epoxy-3-(4'-azido-2'-nitrophenoxy) propane
(RN) 85416-40-6
(SY) EANPOP
(HM) *AZIDES
(II) AFFINITY LABELS
(NO) structure given in first source

5,6-epoxybenz(a)anthracene see benzanthracene-5,6-oxide

1,2-epoxybutane
(RN) 106-88-7
(RR) 55555-96-9 ((+-)-isomer)
(RR) 3760-95-0 ((R)-isomer)
(RR) 30608-62-9 ((S)-isomer)
(RR) 26249-20-7 (unspecified locants)
(HM) *EPOXY COMPOUNDS
(PA) MUTAGENS
(NO) RN given refers to cpd with unspecified isomeric designation

2,3-epoxybutane
(RN) 3266-23-7
(RR) 1758-32-3 ((2R-trans)-isomer)
(RR) 1758-33-4 ((cis)-isomer)
(RR) 21490-63-1 ((trans)-isomer)
(HM) *EPOXY COMPOUNDS
(PA) MUTAGENS
(NO) RN given refers to cpd without isomeric designation in Chemline

3,4-epoxy-1-butene
(RN) 930-22-3
(RR) 26703-03-7 (homopolymer)
(SY) butadiene monoxide
(SY) butadiene oxide
(SY) vinyl oxirane
(HM) *EPOXY COMPOUNDS
(NO) RN given refers to monomer

3,4-epoxycyclopenta(cd)pyrene see cyclopenta(cd)pyrene 3,4-oxide

5,6-epoxy-3-dehydroretinal
(RN) 20008-03-1
(HM) RETINALDEHYDE/*analogs
(II) STEREOISOMERS
(NO) structure given in first source

2,3-epoxy-2,3-dihydrosqualene see 2,3-oxidosqualene

5(6)epoxyeicosatrienoic acid see 5,6-epoxy-8,11,14-eicosatrienoic acid

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5,6-epoxy-8,11,14-eicosatrienoic acid
(RN) 81246-84-6
(RR) 87173-80-6 ((2alpha,3alpha(2Z,5Z,8Z))-isomer)
(SY) 5(6)-oxido-8,11,14-eicosatrienoic acid
(SY) 5(6)-oxidoeicosatrienoic acid
(SY) 5(6)epoxyeicosatrienoic acid
(HM) *8,11,14-EICOSATRIENOIC ACID/analogs
(NO) RN given refers to cpd without isomeric designation

epoxyethylcyclooctane
(HM) *CYCLOPARAFFINS
(NO) metabolite of vinylcyclooctane

1-epoxyethyl-3,4-epoxycyclohexane see 4-vinyl-1-cyclohexene dioxide

10,11-epoxyfarnesenic acid methyl ester see juvenile hormone III

epoxyfarnesyl diazoacetate
(SY) EFDA
(HM) FARNESOL/*analogs
(HM) *DIAZONIUM COMPOUNDS
(II) AFFINITY LABELS

(1S,2R,3S,7R,8R))-7,8-epoxy-8a-hydroxy-1,2-dimethylene-3-(1E,3E,5E)-5-methyl-1,3,5-heptatrienyl) octahydroindolizine see indolizomycin

4,5-epoxy-17-hydroxy-4,17-dimethyl-3-oxoandrostane-2-carbonitrile see Win 32729

11,12-epoxy-10-hydroxy-8-heptadecenoic acid
(RN) 85563-62-8
(SY) EHHDA
(HM) *FATTY ALCOHOLS
(NO) metabolite of 8,11,14-eicosatrienoic acid; structure given in first source

9,11-epoxyiminoprosta-5,13-dienoic acid
(SY) 9,11-EIP-5,13-DEA
(HM) *FATTY ACIDS, UNSATURATED
(PA) THROMBOXANE A2/antag
(II) PLATELET AGGREGATION/drug eff

epoxylite 9075 see bis(phenol A-glycidyl methacrylate)

2,3-epoxymenaquinone
(SY) vitamin K2-2,3-epoxide
(HM) VITAMIN K/*analogs
(NO) see also record for vitamin K(1) oxide

11,9-epoxymethano-PGH2 see 15-hydroxy-11 alpha,9 alpha-(epoxymethano)prosta-5,13- dienoic acid

9,11-epoxymethano-PGH2 see prostaglandin H2

1,8-epoxy-1-methyl-4-isopropylcyclohexane-2,6-diol see epomediol

cis-9,10-epoxymethylstearate see methyl 9,10-epoxystearate

1,2-epoxy-3-(p-nitrophenoxy)propane
(RN) 5255-75-4
(HM) *NITROPHENOLS
(HM) EPOXY COMPOUNDS
(PA) TRYPSIN INHIB
(II) INDICATORS AND REAGENTS
(NO) a protease inhibitor

9,10-epoxypalmitic acid
(HM) *PALMITIC ACIDS

5(6)epoxy-PGE1alpha see 5(6)-epoxyprostaglandin E1 alpha

5(6)epoxy-PGF1alpha see 5(6)-epoxyprostaglandin F1 alpha

1,2-epoxypropane see propylene oxide

7-(2,3-epoxypropoxy)actinomycin D
(RN) 82830-18-0
(HM) DACTINOMYCIN/*analogs
(NO) binds to DNA; structure given in first source

2,3-epoxypropyl methacrylate see glycidyl methacrylate

2',3'-epoxypropyl-1-thioglucoside
(RN) 88641-51-4
(SY) EPTG
(HM) *THIOGLYCOSIDES
(II) AFFINITY LABELS
(NO) structure given in first source

5(6)-epoxyprostaglandin E1 alpha
(RN) 90817-52-0
(SY) 5(6)epoxy-PGE1alpha
(HM) ALPROSTADIL/*analogs
(NO) RN given for (11alpha,13E,15S)-isomer; RN for cpd without isomeric designation not in Chemline 6/85; structure given in first source

5(6)-epoxyprostaglandin F1 alpha
(RN) 96087-34-2
(SY) 5(6)epoxy-PGF1alpha
(HM) *PROSTAGLANDINS F
(NO) structure given in first source; RN given refers to (9alpha,11alpha,13E,15S)-isomer; RN for cpd without isomeric designation not available 6/85

11,12-epoxypukalide
(HM) *LACTONES
(II) COELENTERATA
(NO) furanocembranolide lactone from gorgonian Leptogorgia setacea; structure given in first source

5,6-epoxyretinoic acid
(RN) 13100-69-1
(RR) 13100-70-4 (Na salt)
(RR) 81444-57-7 ((13-cis)-isomer)
(HM) TRETINOIN/*analogs
(NO) RN given refers to parent cpd without isomeric designation

6',7'-epoxyrotenone
(RN) 36375-25-4
(HM) ROTENONE/*analogs
(NO) formed during oxidative metabolism of rotenone; structure in first source

trans-9,10-epoxystearate see methyl 9,10-epoxystearate

9,10-epoxystearic acid
(RN) 2443-39-2
(RR) 24560-98-3 ((cis)-isomer)
(RR) 57384-08-4 (K salt)
(RR) 2060-05-1 (Na salt)
(RR) 71567-96-9 (14C-acid)
(RR) 61792-39-0 (NH4 salt)
(RR) 13980-07-9 ((trans)-isomer)
(SY) cis-9,10-epoxystearic acid
(HM) *STEARIC ACIDS
(PA) CARCINOGENS
(PA) MUTAGENS
(NO) RN given refers to parent cpd with unspecified isomeric designation; structure

cis-9,10-epoxystearic acid see 9,10-epoxystearic acid

L-trans-epoxysuccinyl-leucyl-amido(4-guanidino)butane see E-64

9,10-epoxy-7,8,9,10-tetrahydrobenzo(a) pyrene
(RN) 36504-68-4
(RR) 64608-56-6 ((+-)-isomer)
(SY) 7,8-dihydrobenzo(a)pyrene 9,10-oxide
(HM) *BENZOPYRENES
(PA) CARCINOGENS
(NO) RN given refers to cpd with unspecified isomeric designation; structure given in first source

1,2-epoxy-1,2,3,4-tetrahydronaphthalene
(RN) 2461-34-9
(SY) 1,2-ETN
(HM) *TETRAHYDRONAPHTHALENES

4,5-epoxy-3,6,14-trihydroxy-6-(2-carboxyallyl)-17-(cyclopropylmethyl) morphinan gamma-lactone
(RN) 92398-20-4
(RR) 92398-30-6 ((3,6beta,14-tri-OH)(6alpha-carboxy)-isomer)
(SY) 6-DSMB-naltrexone
(HM) NALTREXONE/*analogs
(PA) NARCOTIC ANTAGONISTS
(NO) structure & Rn given in first source; RN not in Chemline 1/85; RN given refers to (6alpha-tri-OH)(6beta-carboxy)-isomer; RN for cpd without isomeric designation not available

4,5-epoxy-3,6,14-trihydroxy-6-(2-carboxyallyl)-17-methylmorphinan gamma- lactone
(RN) 92398-22-6
(RR) 92398-32-8 ((3,6beta,14-tri-OH)(6alpha-carboxy)-isomer)
(SY) 6-DSMB-oxymorphone
(HM) OXYMORPHONE/*analogs
(PA) NARCOTIC ANTAGONISTS
(NO) structure given in first source; RN not in Chemline 1/85; RN given refers to (6alpha-tri-OH)(6beta-carboxy)-isomer; RN for cpd without isomeric designation not available

5,6-epoxy-4,20,22-trihydroxy-1-oxoergosta-2,24-dien-26-oic acid delta-lactone see withanolide D

5,6-epoxy-4,22,27-trihydroxy-1-oxoergosta-2,24- dienoic acid delta-lactone see withaferin A

EPO 45 see EP 045

EPO45 see EP 045

EPO-45 see EP 045

4-EPPPO see 4-ethyl-4,7-dihydro-2-phenylpyrazolo(1,5-a)pyrimidin-7-one

eprazinone
(RN) 10402-53-6
(RR) 54749-88-1 (3-(14)C-labeled cpd di-HCl)
(SY) Eftapan
(SY) 1-(2-phenyl-2-ethoxy)ethyl-4-(3-phenyl-2-methyl-3-propanone)piperazine
(SY) 3-(4-(beta-ethoxyphenethyl)-1-piperazinyl)-2-methylpropiophenone
(SY) 746 CE
(SY) 1-(2-phenyl-2-ethoxy)ethyl-4-(2-benzyloxy) propylpiperazine
(HM) *PROPIOPHENONES
(PA) ANTITUSSIVE AGENTS
(PA) EXPECTORANTS
(NO) RN given refers to di-HCl; RN for parent cpd not in Chemline 7/83; structure

E protein, E Coli see gene proteins, bacterial

eproxindine
(RN) 83200-08-2
(SY) eproxindine HCl
(HM) *INDOLES
(PA) ANTI-ARRHYTHMIA AGENTS
(NO) RN given refers to parent cpd; RN not in Chemline 2/85; RN from USAN; structure given in first source

eproxindine HCl see eproxindine

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eprozinol
(RN) 32665-36-4
(RR) 27588-43-8 (di-HCl)
(SY) brovel
(HM) *PIPERAZINES
(PA) BRONCHODILATOR AGENTS
(PA) RECEPT BLOCK H1
(NO) RN given refers to parent cpd; structure

N-epsilon-acetimidoglucagon
(RN) 74619-75-3
(SY) N(epsilon)-lysine acetimidoglucagon
(HM) GLUCAGON/*analogs

N-epsilon-acetimidoglucagon-Ala(1)
(SY) N(epsilon)-lysine-acetimidoglucagon-1-alanine
(SY) 1-alanine-N-epsilon-acetimidoglucagon
(SY) Ala(1)-N-epsilon-acetimidoglucagon
(SY) ANEAG
(HM) GLUCAGON/*analogs
(NO) histidine in position 1 replaced by alanine

N-epsilon-acetimidoglucagon-Phe(1)
(SY) N(epsilon)-lysine-acetimidoglucagon-1-phenylalanine
(SY) 1-penylalanine-N-epsilon-acetimidoglucagon
(SY) Phe(1)-N-epsilon-acetimidoglucagon
(SY) PHEAG
(HM) GLUCAGON/*analogs
(NO) histidine in position 1 replaced by phenylalanine

N-epsilon-acetimidylcytochrome c see cytochrome c, N-epsilon-acetimidate

N(epsilon)-acetyl-N(alpha)-((3-azido-6-hydroxymethyl)phenoxyacetyl)lysyl-alanyl- alanine
(SY) Ac-Az-HMPA-Lys-Ala-Ala
(HM) *AZIDES
(II) AFFINITY LABELS
(NO) photoreactive peptidoglycan-peptide analog for penicillin-binding proteins; structure given in first source

epsilon-acetylaminocaproic acid see 6-acetylaminocaproic acid

N-epsilon acetylglucagon see N-alpha,epsilon-acetylglucagon

N-epsilon-acetyllysine
(RN) 692-04-6
(SY) epsilon-N-acetyl-L-lysine
(HM) LYSINE/*analogs

epsilon-N-acetyl-L-lysine see N-epsilon-acetyllysine

epsilon-ADP see 1,N(6)-ethenoadenosine diphosphate

epsilon-AMP see etheno-AMP

epsilon ANP-LYS see 6-(4-arsono-2-nitrophenyl)lysine

epsilon-(4-arsono-2-nitrophenyl)-L-lysine see 6-(4-arsono-2-nitrophenyl)lysine

6-(N-epsilon-azidobenzoyl-lysine)-LHRH see LHRH, Lys(6)-N-epsilon-azidobenzoyl-

N-epsilon-benzoylpenicilloyl-alpha-formyl-L-lysine see Ro 6-0787

N-epsilon-(beta-aspartyl)lysine see aspartyllysine

epsilon-biotinyl-lysine(3)-substance P see substance P, epsilon-biotinyl-Lys(3)-

epsilon-butinyl-Lys(3)-substance P see substance P, epsilon-biotinyl-Lys(3)-

epsilon-cyclokallidin see cyclokallidin

N(epsilon)-dansyl-L-lysine see dansyllysine

epsilon-N-(1-deoxy-D-glucitol-1-yl)L-lysine see glucitollysine

epsilon-N-1-(1-deoxylactulosyl)lysine
(RN) 34326-63-1
(SY) lactose-lysine
(HM) LACTULOSE/*analogs
(NO) beta-galactosidase substrate

epsilon N-dimethyllysine
(RN) 2259-86-1
(HM) LYSINE/*analogs

epsilon-dinitrophenylated-lysine see epsilon-dinitrophenyllysine

epsilon-dinitrophenyllysine
(RN) 1094-76-4
(RR) 14401-10-6 (mono-HCl(L-Lys)-isomer)
(RR) 14455-27-7 (unspecified HCl(L-Lys)-isomer)
(SY) epsilon-dinitrophenylated-lysine
(SY) epsilon-DNP-lysine
(SY) dinitrophenyl-lysine
(HM) LYSINE/*analogs
(II) HAPTENS
(NO) RN given refers to (L-Lys)-isomer; RN for cpd without isomeric designation not in Chemline 7/83

epsilon-DNP-lysine see epsilon-dinitrophenyllysine

N(epsilon),N(epsilon),N(alpha),N(alpha)- tetramethyllysine see 2,2,6,6-tetramethyllysine

epsilon-(gamma-Glu)-Lys see epsilon-(gamma-glutamyl)-lysine

N(epsilon)-(gamma-glutamyl)-lysine see epsilon-(gamma-glutamyl)-lysine

epsilon-(gamma-glutamyl)-lysine
(RN) 17105-15-6
(SY) epsilon-(gamma-glutamyl)lysine
(SY) N(epsilon)-(gamma-glutamyl)-lysine
(SY) epsilon-(gamma-Glu)-Lys
(SY) epsilon-(gamma-L-glutamyl)-L-lysine
(HM) *DIPEPTIDES
(NO) cross-link in proteins

epsilon-(gamma-glutamyl)lysine see epsilon-(gamma-glutamyl)-lysine

epsilon-(gamma-L-glutamyl)-L-lysine see epsilon-(gamma-glutamyl)-lysine

epsilon-GCA-CEP see (ethyl 4-(6-guanidinohexanoyloxy)benzoate) methanesulfonate

epsilon-N-(L-glutar-2-yl)-L-lysine see saccharopine

epsilon-hydroxycaproic acid see 6-hydroxyhexanoic acid

N-epsilon-lithocholyllysine
(RN) 65236-49-9
(SY) lithocholyl-epsilon-L-lysine
(HM) LITHOCHOLIC ACID/*analogs

N(epsilon)-lysine acetimidoglucagon see N-epsilon-acetimidoglucagon

N(epsilon)-lysine-acetimidoglucagon-1-alanine see N-epsilon-acetimidoglucagon-Ala(1)

N(epsilon)-lysine-acetimidoglucagon-1-phenylalanine see N-epsilon-acetimidoglucagon-Phe(1)

epsilon-N-methyllysine
(RN) 1188-07-4
(RR) 7622-29-9 (HCl(L-Lys)-isomer)
(RR) 3926-68-9 ((DL-Lys)-isomer)
(SY) N(6)-methyllysine
(HM) LYSINE/*analogs
(NO) RN given refers to (L-Lys)-isomer; RN for cpd without isomeric designation not in Chemline 7/83; structure

epsilon NAD see nicotinamide 1,N(6)-ethenoadenine dinucleotide

epsilon opioid receptor see epsilon receptor

N-epsilon phospholysine
(RN) 14721-74-5
(RR) 36300-45-5 (Li salt(L-Lys)-isomer)
(SY) N(6)-phosphono-L-lysine
(HM) LYSINE/*analogs
(NO) RN given refers to (L-Lys)-isomer; RN for cpd without isomeric designation not in Chemline 7/83

epsilon-pyridoxyllysine
(RN) 3564-92-9
(RR) 21361-81-9 (tri-HCl(L-Lys)-isomer)
(HM) PYRIDOXAL/*analogs
(HM) LYSINE/*analogs
(NO) RN given refers to (L-Lys)-isomer; RN for cpd without isomeric designation not in Chemline 7/83

epsilon-pyrromycinone
(RN) 21288-61-9
(SY) Galirubine
(SY) 1-hydroxyaklavinone
(HM) NAPHTHACENES
(PA) ANTIBIOTICS
(NO) structure

epsilon receptor
(SY) receptor, epsilon
(SY) epsilon receptors
(SY) epsilon opioid receptor
(HM) *RECEPTORS, ENDORPHIN

epsilon receptors see epsilon receptor

epsilon-tert-butyloxycarbonyl-lysine
(RN) 2418-95-3
(RR) 31202-69-4 ((D)-isomer)
(SY) Boc-lysine
(HM) LYSINE/*analogs
(NO) RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 4/84

epsilon-N-trimethyl-lysine see trimethyllysine

epsilon-N-trimethyl-L-lysine see trimethyllysine

N-(epsilon)-trinitrophenylglucagon see N-trinitrophenylglucagon

EPSP synthase see 3-enolpyruvyl shikimic acid 5-phosphate synthetase

Epstein-Barr capsid antigen see Epstein-Barr viral capsid antigen

Epstein-Barr viral capsid antigen
(SY) EBV capsid antigen
(SY) VCA, Epstein-Barr
(SY) EB-VCA
(SY) Epstein-Barr capsid antigen
(HM) *ANTIGENS, VIRAL
(II) CAPSID/immunol
(II) EPSTEIN-BARR VIRUS/immunol

Epstein-Barr virus early antigen
(SY) EBV-EA
(HM) *ANTIGENS, VIRAL
(NO) synthesized before or in the absence of viral-progeny DNA replication & present only in infected cells

Epstein-Barr virus membrane antigen see EBV-associated membrane antigen

Epstein-Barr virus nuclear antigen see EBV-associated nuclear antigen

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Epstein-Barr virus receptor
(SY) EBV receptors
(SY) Epstein-Barr virus receptors
(SY) receptor, Epstein-Barr virus
(HM) *RECEPTORS, VIRUS
(II) EPSTEIN-BARR VIRUS

Epstein-Barr virus receptors see Epstein-Barr virus receptor

Eptam see EPTC

eptazocine
(RN) 72522-13-5
(SY) 1,4-dimethyl-10-hydroxy-2,3,4,5,6,7-hexahydro-1,6-methano-1H-4-benzazocine
(HM) CYCLAZOCINE/*analogs
(PA) ANALGESICS
(NO) structure given in first source

EPTC
(RN) 759-94-4
(SY) Eptam
(SY) S-ethyl dipropylthiocarbamate
(HM) *THIOCARBAMATES
(PA) HERBICIDES, CARBAMATE
(NO) minor descriptor (72-82); online & Index Medicus search HERBICIDES, CARBAMATE (72-82)

EPTG see 2',3'-epoxypropyl-1-thioglucoside

EP 045
(RN) 82597-51-1
(SY) EP-045
(SY) EPO45
(SY) EPO 45
(SY) EPO-45
(HM) *PROSTAGLANDINS, SYNTHETIC
(PA) THROMBOXANES/antag
(NO) structure given in first source

EP-045 see EP 045

EP 092
(SY) EP-092
(HM) *PROSTAGLANDINS, SYNTHETIC
(PA) THROMBOXANES/antag
(NO) structure given in first source

EP-092 see EP 092

Ep-1 see dicyclohexyl 2,3-epoxysuccinate

EP 459
(RN) 76739-51-0
(SY) EP-459
(SY) E 64a
(SY) E-64a
(HM) LEUCINE/*analogs
(PA) PROTEASE INHIBITORS
(NO) thiol proteinase inhibitor; no other information available

EP-459 see EP 459

EP-475 see E-64-c

equilenin sulfatase
(RN) EC 3.1.6.-
(SY) d-equilenin sulfatase
(HM) *SULFATASES

d-equilenin sulfatase see equilenin sulfatase

equilibrin see amitriptyline N-oxide

equilin sulfate
(RN) 27540-07-4
(RR) 16680-47-0 (Na salt)
(HM) *EQUILIN/analogs
(II) ESTROGENIC SUBSTANCES, CONJUGATED
(NO) major component of premarin; RN given refers to parent cpd

equinatoxin
(RN) 54578-46-0
(HM) *COELENTERATE VENOMS
(NO) basic protein from Actinia Equina (Coelenterata)

Equipoise see boldenone undecylenate

equithesin
(RN) 39373-60-9
(SY) chloropent
(HM) *PENTOBARBITAL
(HM) *CHLORAL HYDRATE
(HM) *MAGNESIUM SULFATE
(HM) DRUG COMBINATIONS
(PA) ANESTHETICS
(NO) RN given refers to sulfuric acid magnesium salt combination of sodium pentobarbital & chloral hydrate

equol
(RN) 531-95-3
(SY) 7,4'-dihydroxyisoflavan
(SY) 7-hydroxy-3-(4'-hydroxyphenyl)chroman
(HM) *CHROMANS
(NO) RN given refers to (S)-isomer; RN for cpd without isomeric designation not in Chemline 7/83

erabutoxin A
(RN) 11094-61-4
(HM) *ERABUTOXINS
(II) NEUROTOXINS
(NO) neurotoxin isolated from the venom of sea snake Laticauda semifasciata

erabutoxin b
(RN) 9083-23-2
(RR) 59536-69-5 (cpd with unknown MF)
(SY) 26-L-histidine erabutoxin a
(HM) *ERABUTOXINS
(II) NEUROTOXINS
(NO) RN given refers to erabutoxin b

ercefuryl see nifuroxazide

eRF, eIF-2 recycling factor see hemin-controlled translational repressor

Ergoline-8-acetamide, 6-methyl-, (8 beta)-, (R-(R*,R*)-2,3-dihydroxybutanedioate (1:2) see VUFB-6683

ergoline 3355-1057 see 2-cyano-3-(6-methylergolin-8 beta-yl)propionamide

ergometrine maleate see ergonovine maleate

ergonovine maleate
(RN) 129-51-1
(SY) ergotrate
(SY) ergometrine maleate
(HM) ERGONOVINE/*analogs

ergosine
(RN) 561-94-4
(RR) 74137-67-0 (monomesylate(5'alpha,8alpha)-isomer)
(RR) 2624-03-5 (monomesylate(5'alpha)-isomer)
(RR) 596-88-3 ((5'alpha,8alpha)-isomer)
(SY) alpha-ergosine
(SY) ergosinine
(SY) 12'-hydroxy-2'-methyl-5'alpha-(2-methylpropyl)- 8alpha-ergotaman-3',6',18-trione
(SY) beta-ergosine
(HM) *ERGOTAMINE DERIVATIVES
(NO) ergot peptide alkaloid; RN given refers to (5'alpha)-isomer (ergosine); RN for cpd without isomeric designation not in Chemline 7/83

ergosinine see ergosine

ergosta-5,7-dien-3 beta-ol delta-22 desaturase see delta-22 fatty acid desaturase

ergosta-5,24(28)-dien-3 beta-ol see 24-methylenecholesterol

ergosta-5,7-dien-3 beta-ol see 22,23-dihydroergosterol

ergosta-5,7,9(11),22-tetraen-3 beta-ol see dehydroergosterol

ergost-5-en-3 beta- ol, 24 epimer see campesterol

ergotamine tartrate
(RN) 379-79-3
(RR) 7620-10-2 (cpd with unspecified ratio)
(SY) temigran
(SY) gynergen
(HM) *ERGOTAMINE DERIVATIVES
(NO) RN given refers to tartrate[2:1]

ergotrate see ergonovine maleate

erichrome cyanin R see solochrome cyanine R

ericyclin see adimicin

erio acid red see lissamine rhodamine B

eriochrome black A
(RN) 16279-54-2
(RR) 3618-58-4 (mono-Na salt)
(RR) 75790-88-4 (mono-K salt)
(SY) diamond black
(HM) *AZO COMPOUNDS
(II) DYES
(NO) RN given refers to parent cpd

Eriochrome Blue SE
(RN) 1058-92-0
(HM) *AZO COMPOUNDS
(II) DYES
(II) INDICATORS AND REAGENTS
(NO) indicator used to measure free magnesium in biological systems; structure

erionite see zeolite

erisept see 2-phenoxyethanol

ERRP see epidermal growth factor receptor related protein

erucoylcarnitine see erucylcarnitine

erucylcarnitine
(RN) 36168-22-6
(RR) 56193-76-1 (hydroxide inner salt(R-(E))-isomer)
(SY) erucoylcarnitine
(HM) CARNITINE/*analogs
(NO) RN given refers to hydroxide inner salt(Z)-isomer; RN for parent cpd not in Chemline 7/83

ervatamine
(RN) 33257-13-5
(RR) 77519-56-3 (mono-HCl)
(RR) 33495-49-7 (4R-(4alpha,4abeta,12abeta))
(SY) epiervatamine
(HM) *ALKALOIDS

erythorbic acid see isoascorbic acid

erythralosamine
(RN) 546-57-6
(HM) ERYTHROMYCIN/*analogs
(NO) strong inducer of liver cytochrome P-450

Erythrina cristagalli lectin see Erythrina lectin

Erythrina lectin
(SY) Erythrina cristagalli lectin
(HM) *LECTINS
(II) ERYTHRINA

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erythritol anhydride
(RN) 1464-53-5
(RR) 564-00-1 ((R*,S*)-isomer)
(RR) 298-18-0 (((R*,R*)-(+-))-isomer)
(RR) 30419-67-1 ((R-(R*,R*))-isomer)
(RR) 30031-64-2 ((S-(R*,R*))-isomer)
(SY) 2,2'-bioxirane
(SY) butadiene diepoxide
(SY) butadiene dioxide
(SY) diepoxybutane
(SY) butanedione
(HM) *EPOXY COMPOUNDS
(PA) MUTAGENS
(PA) CARCINOGENS
(II) CROSS-LINKING REAGENTS
(NO) difunctional alkylating agent; RN given refers to cpd with unspecified isomeric designation; structure

erythrocuprein
(RN) 37294-21-6
(HM) *BLOOD PROTEINS
(HM) *METALLOPROTEINS
(II) ERYTHROCYTES
(NO) copper-zinc protein cpd contained in the erythrocytes; function unknown

erythrocyte T antigen see beta-D-galactosyl(1-3)-N-acetyl-D-galactosamine

erythrocyte band 2.1 see band 2.1 protein

erythrocyte cyclic AMP binding proteins see adenosine cyclic 3',5'-monophosphate binding proteins

erythrocyte membrane anion transport protein see anion transport proteins

erythrocyte membrane band 4.2 protein see band 4.2 protein

erythrocyte membrane band 4.9 protein see band 4.9 protein

erythrocyte membrane band 7 protein see band 7 protein

erythrocyte membrane band 8 protein see band 8 protein

erythrocyte membrane band 4.1 see band 4.1 protein

erythrofluorocitrate (isomer) see fluorocitrate

erythrogenic toxin
(SY) scarlatinal toxin
(SY) streptococcal pyrogenic exotoxin
(SY) Streptococcal pyrogenic exotoxin type C
(SY) streptococcal erythrogneic toxin
(SY) streptococcal pyrogenic exotoxin A
(HM) *BACTERIAL TOXINS
(II) STREPTOCOCCUS
(NO) group of extracellular proteins made by group A Streptococci; induces scarlet fever & may be responsible for a toxic-shock syndrome-like disease

erythroglycan
(HM) *MEMBRANE PROTEINS
(NO) high molecular weight glycopeptide from erythrocyte membranes

erythroid developmental agglutinin see galaptins

erythroid-PA see erythroid-potentiating activity

erythroid-potentiating activity
(SY) T-lymphocyte-derived erythroid-potentiating activity
(SY) erythroid-PA
(HM) *LYMPHOKINES
(NO) secreted by human T-lymphoblast cell line, Mo; stimulates growth of both early & late erythroid precursors from human bone marrow; has no colony-stimulating factor activity; MW 28,000

erythromycin A cyclic carbonate L-aspartate
(RN) 55171-82-9
(HM) ERYTHROMYCIN/*analogs

erythromycin A cyclic 11,12-carbonate
(RN) 55224-05-0
(SY) cyclic 11,12-erythromycin A carbonate
(SY) davercin
(HM) ERYTHROMYCIN/*analogs

erythromycin ethyl succinate
(RN) 1264-62-6
(HM) ERYTHROMYCIN/*analogs

erythromycin gluceptate see erythromycin glucoheptonate

erythromycin glucoheptonate
(RN) 23067-13-2
(SY) erythromycin gluceptate
(HM) ERYTHROMYCIN/*analogs

erythromycin lactobionate
(RN) 3847-29-8
(HM) ERYTHROMYCIN/*analogs

erythromycin propionate
(RN) 134-36-1
(SY) propionyl erythromycin
(HM) ERYTHROMYCIN/*analogs
(NO) form in which erythromycin estolate is principally absorbed

erythromycin stearate
(RN) 643-22-1
(SY) gallimycin
(HM) ERYTHROMYCIN/*analogs

erythromycin thiocyanate
(RN) 7704-67-8
(HM) ERYTHROMYCIN/*analogs

9(s)-erythromycylamine
(RN) 26116-56-3
(HM) ERYTHROMYCIN/*analogs
(NO) structure

erythronolide A
(RN) 26754-37-0
(SY) erythronolide-A
(HM) ERYTHROMYCIN/*analogs
(NO) structure in first source

erythronolide-A see erythronolide A

erythronolide B
(RN) 3225-82-9
(SY) erythronolide-B
(HM) ERYTHROMYCIN/*analogs
(NO) intermediate of erythromycin biogenesis; structure in first source

erythronolide-B see erythronolide B

erythropoiesis inhibiting factors
(HM) *BLOOD PROTEINS
(NO) factors (probably protein) in plasma of newborns inhibiting erythropoiesis in serum of patient with refractory anemia (complement independent)

erythropoietin receptor
(SY) receptor, erythropoietin
(SY) erythropoietin receptors
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) ERYTHROPOIETIN

erythropoietin receptors see erythropoietin receptor

D-erythrose 4-phosphate isomerase see ribulosephosphate 3-epimerase

erythrose 4-phosphate
(RN) 585-18-2
(RR) 19234-99-2 ((R*,R*)-isomer)
(RR) 35923-83-2 (14C4-labeled cpd(R*,R*)-isomer)
(RR) 69881-34-1 (((R*,S*)-(+-))-isomer)
(RR) 69881-33-0 (((R*,R*)-(+-))-isomer)
(SY) threose 4-phosphate
(HM) *SUGAR PHOSPHATES
(NO) RN given refers to (R-(R*,R*))-isomer; RN for cpd without isomeric designation not in Chemline 7/83

erythrosine isothiocyanate
(R') 73676-43-4
(HM) *ERYTHROSINE/analogs

ERYTHROSOMES see proteoliposomes

erythrotropin
(SY) erythrotropin I
(SY) erythrotropin II
(HM) *PEPTIDES
(NO) small peptides from fetal calf intestine with MW about 3,500; erythrotropin II stimulates thymidine incorporation & potential erythrotropin in cultures of erythroid cells from fetal rat liver

erythrotropin I see erythrotropin

erythrotropin II see erythrotropin

erythrulose
(RN) 40031-31-0
(RR) 496-55-9 ((R)-isomer)
(SY) L-glycero-tetrulose
(HM) *TETROSES
(NO) 4-carbon keto sugar; minor descriptor (75-83); on-line & Index Medicus search TETROSES (75-83); RN given refers to cpd without isomeric designation; structure

erythrulose 4-phosphate
(SY) D-erythrulose 4-phosphate
(HM) *SUGAR PHOSPHATES

D-erythrulose 4-phosphate see erythrulose 4-phosphate

D-erythrulose reductase
(RN) EC 1.1.1.162
(HM) *SUGAR ALCOHOL DEHYDROGENASES

ES antigen, Toxocara see Toxocara excretory-secretory antigen

esaprazole
(RN) 64204-55-3
(RR) 91290-76-5 (mono-HCl)
(SY) N-((N-cyclohexylcarbamoyl)methyl)piperazine
(SY) hexaprazol
(HM) *PIPERAZINES
(PA) ANTI-ULCER AGENTS
(NO) RN given refers to parent cpd; stucture in first source

Esberitox
(RN) 8057-72-5
(HM) *PLANT EXTRACTS
(NO) NM same as N1

Esberiven see melilot

escharase
(HM) *ENZYMES
(II) DEBRIDEMENT
(NO) non-proteolytic enzyme isolated from pineapple stem which can be used for debridement of burns to remove denatured tissue; has no hydrolytic activity against normal protein substrates or glycosaminoglycans

Escherichia coli alpha-haemolysin see alpha hemolysin, E coli

Escherichia coli heat-labile toxin see enterotoxin LT

Escherichia coli heat-stable toxin see heat stable toxin (E coli)

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Escherichia coli periplasmic proteinase
(RN) EC 3.4.21.-
(SY) E coli protease I
(SY) proteinase I
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) included in group of microbial serine proteinases, EC 3.4.21.14

Escherichia coli vaccine
(SY) Posterisan
(HM) *BACTERIAL VACCINES
(II) ESCHERICHIA COLI

esculetin
(RN) 305-01-1
(SY) 6,7-dihydroxycoumarin
(SY) aesculetin
(HM) *UMBELLIFERONES
(NO) used in filters for absorption of ultraviolet light; structure

eserine salicylate see physostigmine salicylate

eseroline
(RN) 469-22-7
(RR) 29347-15-7 ((3aR-cis)-isomer)
(RR) 79465-09-1 (mono-HCl(3aS-cis)-isomer)
(HM) *INDOLES
(PA) ANALGESICS
(PA) ANALGESICS, ADDICTIVE
(NO) RN given refers to (3aS-cis)-isomer; RN for cpd without isomeric designation not in Chemline 7/83; structure

esfar see bucloxic acid

esiclene see formyldienolone

Eslectin see Bactrim

Esmalorid
(SY) Esmaloride
(HM) *TRICHLORMETHIAZIDE
(HM) *AMILORIDE
(HM) DRUG COMBINATIONS
(PA) DIURETICS
(NO) combination of above cpds

Esmaloride see Esmalorid

esmolol see ASL 8052

esmolol esterase
(RN) EC 3.1.1.-
(HM) *CARBOXYLIC ESTER HYDROLASES

esorubicin see 4'-deoxydoxorubicin

esperase see mesentericopeptidase

esproquin
(RN) 37517-33-2
(RR) 23486-22-8 (HCl)
(SY) NC 7197
(HM) *ISOQUINOLINES
(PA) ADRENERGIC ALPHA RECEPTOR BLOCKADERS
(NO) inotropic effect; RN given refers to parent cpd; synonym NC 7197 refers to HCl

essaven
(RN) 8067-31-0
(SY) NI-02902
(HM) *ESCIN
(HM) *HESPERIDIN
(HM) *PHOSPHATIDYLCHOLINES
(HM) DRUG COMBINATIONS
(NO) combination of aescin, hesperidine-methylchalcone, essentiel phospholipid(polyenephosphatidylcholine) used in varicose veins of lower limbs therapy

Essentiale see essential 303 forte

essentiale forte see essential 303 forte

essentiale 303 see essential 303 forte

essential 303 forte
(RN) 11137-48-7
(SY) essentiale 303
(SY) essential phospholipids
(SY) Essentiale
(SY) essentiale forte
(SY) cholinephospholipids
(HM) *PHOSPHATIDYLCHOLINES
(NO) choline phospholipids plus polyenic fatty acids used in treatment of liver disease

essential phospholipids see essential 303 forte

esterase A see arginine esterase

esterase A2 see tosylarginine methyl ester hydrolase

esterase A4 see carboxylesterase

esterase D
(RN) EC 3.1.-
(HM) *CARBOXYLIC ESTER HYDROLASES
(NO) polymorphic esterase in erythrocytes; has potential use as a parameter in forensic blood typing; substrate used was 4-methyl-umbelliferyl acetate

esterase E-II see arginine esterase

esterase 1 see carboxylesterase

esterase 1F see carboxylesterase

esterase 10 see carboxylesterase

esterase 13 see carboxylesterase

esterase 3 see carboxylesterase

esterase 6 see carboxylesterase

esterase 6A see carboxylesterase

esterase 8 see carboxylesterase

esterastin
(RN) 67655-93-0
(SY) 5-(N-acetyl-L-asparaginyloxy)-2-hexyl-3-hydroxy-7,10-hexadecadienoic lactone
(HM) LACTONES
(PA) ANTIBIOTICS
(NO) inhibitor of esterases; structure

ester of 3-phenoxybenzyl-(+-)-cis,trans-2,2-dichlorovinyl-2,2-dimethyl-cyclopropylcarboxylic acid see permethrin

Estilux Glaze
(RN) 76296-43-0
(HM) *COMPOSITE RESINS

estirona see ovosiston

1,5-ESTO see 1,5(10)-estradiene-3,4,17-trione

4,6-estradiene-3,17-dione
(RN) 13209-45-5
(HM) *ESTRENES
(PA) ANDROGEN ANTAGONISTS
(NO) structure given in first source

1,5(10)-estradiene-3,4,17-trione
(RN) 40551-34-6
(SY) estra-1,5(10)-diene-3,4,17-trione
(SY) 1,5-ESTO
(HM) *ESTRENES
(NO) structure given in first source

estra-1,5(10)-diene-3,4,17-trione see 1,5(10)-estradiene-3,4,17-trione

estradiol 16 alpha-hydroxylase
(RN) EC 1.14.99.-
(SY) 16 alpha-hydroxylase
(SY) estrone 16 alpha-hydroxylase
(SY) 16alpha-hydroxylase
(SY) steroid 16 alpha-hydroxylase
(SY) estrone 3-sulfate 16 alpha-hydroxylase
(HM) *STEROID HYDROXYLASES
(NO) substrate ESTRADIOL may be replaced by other substrates as appr.

estradiol-17 beta-benzoate
(RN) 983-30-2
(SY) 17 beta-estradiol benzoate
(HM) ESTRADIOL/*analogs

estradiol 17 beta-cyclopentylpropionate see estradiol 17 beta-cypionate

estradiol 17 beta-cypionate
(RN) 313-06-4
(SY) depo-estradiol
(SY) estradiol cypionate
(SY) estradiol 17 beta-cyclopentylpropionate
(HM) ESTRADIOL/*analogs
(NO) structure

estradiol-17 beta-decanoate
(RN) 61748-93-4
(SY) E2D-17 beta-estradiol
(HM) ESTRADIOL/*analogs
(NO) ester of estradiol

estradiol-17 beta-glucuronide
(RN) 1806-98-0
(RR) 15087-02-2 (mono-Na salt)
(SY) estradiol-17beta-glucuronide
(SY) oestradiol-17beta-glucuronide
(HM) ESTRADIOL/*analogs
(NO) RN given refers to (beta-D)-isomer of glucopyranosiduronic acid; RN for cpd without isomeric designation not in Chemline 7/83

estradiol-17beta-glucuronide see estradiol-17 beta-glucuronide

estradiol-17 beta sulfotransferase
(RN) EC 2.8.2.-
(HM) *SULFURTRANSFERASES
(NO) specific for estradiol 17beta; not the same as EC 2.8.2.15

estradiol binding proteins see sex-steroid-binding protein

estradiol bis(tert-butyldimethylsilyl) ether
(SY) estradiol-BTBDSE
(HM) ESTRADIOL/*analogs
(NO) used for analysis of estradiol

estradiol-bovine serum albumin
(SY) E2-BSA
(SY) estradiol 12-bovine serum albumin
(HM) *ESTRADIOL
(HM) *SERUM ALBUMIN, BOVINE
(II) ESTROGENIC SUBSTANCES, CONJUGATED

estradiol 12-bovine serum albumin see estradiol-bovine serum albumin

estradiol-BTBDSE see estradiol bis(tert-butyldimethylsilyl)ether

estradiol 6-O-carboxymethyloxime-bovine serum albumin-fluorescein isothiocyanate
(SY) E2-6CMO-BSA-FITC
(HM) ESTRADIOL/*analogs
(HM) *SERUM ALBUMIN, BOVINE
(HM) *FLUORESCEINS
(II) ESTROGENIC SUBSTANCES, CONJUGATED

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estradiol-6-(O-carboxymethyl)oxime
(RN) 35048-47-6
(SY) estrone-6-(O-carboxymethyl)oxime
(HM) ESTRADIOL/*analogs

estradiol cypionate see estradiol 17 beta-cypionate

estradiol dipropionate
(RN) 113-38-2
(RR) 5267-00-5 ((17alpha)-isomer)
(SY) ovocyclin
(HM) ESTRADIOL/*analogs
(NO) RN given refers to (17beta)-isomer; RN for cpd without isomeric designation not in Chemline 7/83

estradiol 3,17-disulfate
(RN) 3233-70-3
(RR) 23262-33-1 ((17alpha)-isomer)
(RR) 17046-60-5 (di-K salt(17beta)-isomer
(RR) 4968-10-9 (di-Na salt(17beta)-isomer)
(HM) ESTRADIOL/*analogs
(II) ESTROGENIC SUBSTANCES, CONJUGATED
(NO) RN given refers to (17beta)-isomer; RN for cpd without isomeric designation not in Chemline 6/85

estradiol enanthate
(RN) 4956-37-0
(HM) ESTRADIOL/*analogs
(II) CONTRACEPTIVE AGENTS
(NO) a parenteral female contraceptive

estradiol-17-glucosiduronate-(C-6)- bovine serum albumin conjugate
(SY) estradiol-17-glucuronide-BSA
(SY) E2-17-G-BSA
(HM) ESTRADIOL/*analogs
(HM) *SERUM ALBUMIN, BOVINE
(II) ESTROGENIC SUBSTANCES, CONJUGATED

estradiol-17-glucuronide-BSA see estradiol-17-glucosiduronate-(C-6)-bovine serum albumin conjugate

estradiol-3-glucuronide
(RN) 15270-30-1
(RR) 14982-12-8 (mono-Na salt)
(HM) ESTRADIOL/*analogs
(NO) RN given refers to (beta-D)-glucopyranosiduronic acid (17beta)-isomer; RN for cpd without isomeric designation not in Chemline 7/83

estradiol 17-hemisuccinate-bovine serum albumin-fluorescein isothiocyanate
(SY) E2-HC-BSA-FITC
(HM) ESTRADIOL/*analogs
(HM) *SERUM ALBUMIN, BOVINE
(HM) *FLUORESCEINS
(II) ESTROGENIC SUBSTANCES, CONJUGATED

estradiol-2-hydroxylase
(RN) EC 1.14.99.-
(HM) *STEROID HYDROXYLASES

estradiol mustard
(RN) 22966-79-6
(SY) NSC 112259
(HM) *NITROGEN MUSTARD COMPOUNDS

estradiol 17-nicotinate 3-propionate see estrapronicate

estradiol-17-stearate
(RN) 82205-00-3
(RR) 28497-49-6 (unspecified stearate position)
(HM) ESTRADIOL/*analogs
(NO) RN given refers to (17beta)-isomer; RN for cpd without isomeric designation not in Chemline 6/85

estradiol sulfate
(RN) 28814-94-0
(HM) ESTRADIOL/*analogs
(II) ESTROGENIC SUBSTANCES, CONJUGATED

estradiol 17-sulfate 2-hydroxylase
(RN) EC 1.14.19.-
(HM) *STEROID HYDROXYLASES

estradiol 17-sulfate 4-hydroxylase
(RN) EC 1.14.99.-
(SY) EDS-4-hydroxylase
(HM) *STEROID HYDROXYLASES

estradiol-3-sulfate sulfatase see estrogen sulfatase

estradiol-3-sulfate
(RN) 481-96-9
(RR) 4999-79-5 (mono-Na salt)
(RR) 22139-70-4 ((17alpha)-isomer)
(RR) 56050-04-5 (mono-Na salt(17alpha)-isomer)
(RR) 38600-10-1 (mono-Na salt(17beta)-isomer, unspecified hydrogen sulfate locant)
(RR) 38600-07-6 (mono-Na salt(17alpha)-isomer, unspecified hydrogen sulfate locant)
(RR) 27177-84-0 ((17beta)-isomer, unspecified hyrogen sulfate locant)
(RR) 27043-99-8 ((17alpha)-isomer, unspecified hydrogen sulfate locant)
(SY) estradiol 3-sulphate
(HM) ESTRADIOL/*analogs
(II) ESTROGENIC SUBSTANCES, CONJUGATED
(NO) RN given refers to (17beta)-isomer; RN for cpd without isomeric designation not in Chemline 7/83

estradiol 3-sulphate see estradiol-3-sulfate

estradiol valerate
(RN) 979-32-8
(SY) progynon-Depot
(SY) delestrogen
(SY) Progynova
(HM) ESTRADIOL/*analogs
(II) ESTROGENIC SUBSTANCES, CONJUGATED

estradurin see polyestradiol phosphate

estradurine see polyestradiol phosphate

estragole
(RN) 140-67-0
(SY) methyl chavicol
(HM) *ANISOLES
(II) FLAVORING AGENTS
(NO) structure

estramustine-binding protein see prostatic secretion protein

estrane-3,17-diol
(RN) 517-01-1
(HM) *ESTRANES
(NO) metabolite of nandrolone in urine

estrapronicate
(RN) 4140-20-9
(SY) estradiol 17-nicotinate 3-propionate
(HM) ESTRADIOL/*analogs
(NO) RN from USAN 1983, p.215

estra-1,3,5(10,-ene-3,7,17-triol
(RN) 3398-11-6
(HM) ESTRIOL/*analogs
(NO) RN given refers to (7 alpha,17 beta)-isomer; RN for cpd without isomeric designation not in Chemline 8/4/83

estr-4-ene-3 beta,17 beta-diol dipropionate see anabiol

estriol-16 alpha-(beta-D-glucuronide)
(RN) 1852-50-2
(RR) 16134-35-3 ((16beta,17beta)-isomer)
(RR) 1852-44-4 (Na salt)
(SY) estriol-16 alpha-glucuronide
(SY) 3,17 beta-dihydroxy-1,3,5(10)-estratrien-16 alpha-yl-beta-D-glucopyranosiduronic acid
(SY) estriol-16alpha-glucuronide
(SY) oestriol-16alpha-glucuronide
(SY) estriol-16-glucosiduronate
(HM) ESTRIOL/*analogs
(II) ESTROGENIC SUBSTANCES, CONJUGATED
(NO) RN given refers to beta-D glucopyranosiduronic acid (16alpha,17beta)-isomer; RN for cpd without isomeric designation not in Chemline 7/83

estriol-16alpha-glucuronide see estriol-16 alpha-(beta-D-glucuronide)

estriol-16 alpha-glucuronide see estriol-16 alpha-(beta-D-glucuronide)

estriol-3-carboxymethyl ether
(RN) 69260-14-6
(SY) E-3-CME
(HM) ESTRIOL/*analogs
(NO) used as immunogen for the determination of estriol in picogram amounts

estriol-6-carboxymethyloxime-- aminobutyl- N-ethylisoluminol
(SY) E3-6-CMO-ABEI
(HM) ESTRIOL/*analogs
(II) LUMINESCENCE
(NO) chemiluminescent estriol derivative for immunoassay of unconjugated estriol in serum; structure given in first source

estriol-6-(O-carboxymethyl)oxime
(RN) 37654-41-4
(HM) ESTRIOL/*analogs

estriol 3-cyclopentyl ether see quinestradol

estriol-16,17-dihemisuccinate see estriol succinate

estriol-16-glucosiduronate see estriol-16 alpha-(beta-D-glucuronide)

estriol glucuronide
(RN) 28808-07-3
(SY) oestriol glucuronide
(HM) ESTRIOL/*analogs

estriol 3-glucuronide
(RN) 2479-91-6
(RR) 15087-06-6 (mono-Na salt)
(RR) 17120-96-6 ((16beta,17beta)-isomer)
(RR) 17263-24-0 ((16alpha,17alpha)-isomer)
(RR) 55728-05-7 (2,4,17-(2)H-labeled cpd mono-Na salt)
(HM) ESTRIOL/*analogs
(II) ESTROGENIC SUBSTANCES, CONJUGATED
(NO) RN given refers to beta-D glucopyranosiduronic acid (16alpha,17beta)-isomer; RN for cpd without isomeric designation not in Chemline 7/83

estriol receptor
(SY) receptor, estriol
(SY) estriol receptors
(HM) *RECEPTORS, ESTROGEN
(II) ESTRIOL

estriol receptors see estriol receptor

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estriol succinate
(RN) 514-68-1
(RR) 113-22-4 (di-Na salt)
(RR) 28518-49-2 (cpd with unspecified succinate locants)
(SY) succinylestriol
(SY) estriol-16,17-dihemisuccinate
(SY) styptanon
(SY) synapause
(HM) ESTRIOL/*analogs
(NO) RN given refers to (16alpha,17beta)-isomer; RN for cpd without isomeric designation not in Chemline 7/83

estriol-3-sulfate-16 alpha-glucosiduronate see estriol 3-sulfate 16-glucuronide

estriol 3-sulfate 16-glucuronide
(RN) 4661-65-8
(RR) 33965-32-1 ((16beta,17beta)-isomer)
(SY) estriol-3-sulfate-16 alpha-glucosiduronate
(HM) ESTRIOL/*analogs
(NO) estriol conjugate; RN given refers to beta-D glucopyranosiduronic acid (16alpha,17beta)-isomer; RN for cpd without isomeric designation not in Chemline 7/83

estriol 3-sulfate
(RN) 481-95-8
(RR) 5150-64-1 (mono-Na salt)
(RR) 71324-21-5 (mono-K salt)
(SY) 16 alpha-hydroxyestradiol 3-sulfate
(HM) ESTRIOL/*analogs
(NO) estriol conjugate; RN given refers to (16alpha,17beta)-isomer; RN for cpd without isomeric designation not in Chemline 7/83

Estrofen
(HM) *ESTRADIOL
(HM) *ESTRIOL
(HM) DRUG COMBINATIONS
(NO) combination of above cpds used for estrogen replacement therapy; each tablet contains 2 mg estradiol and 1 mg estriol

estrogen-binding protein see estrophilin

estrogen 2-hydroxylase
(RN) EC 1.14.99.-
(SY) estrogen 4-hydroxylase
(HM) *STEROID HYDROXYLASES
(NO) same enzyme for hydroxylation in 2 or 4 postion

estrogen 4-hydroxylase see estrogen 2-hydroxylase

estrogen-induced protein
(SY) induced protein, estrogen
(SY) uterine induced protein
(SY) estrogen IP
(SY) uterine IP
(HM) *MUSCLE PROTEINS
(II) UTERUS
(II) ESTROGENS
(NO) specific uterine protein that is earliest known biosynthetic tissue response after estrogen binding; can be induced by estrogens in vitro; also called "IP" or induced protein

estrogen-inducible growth factors see estromedins

estrogen IP see estrogen-induced protein

estrogen receptor protein see estrophilin

estrogen-regulated glycoprotein see estrogen regulated protein

estrogen regulated protein
(SY) breast cancer protein, estrogen-regulated
(SY) estrogen-regulated glycoprotein
(HM) *NEOPLASM PROTEINS
(NO) protein from MCF-7 human breast tumor cell line

estrogen sulfatase
(RN) EC 3.1.6.-
(SY) estradiol-3-sulfate sulfatase
(HM) *SULFATASES

estrogen sulfotransferase see estrone sulfotransferase

estromedins
(SY) estrogen-inducible growth factors
(HM) *PEPTIDES
(II) GROWTH SUBSTANCES
(II) ESTROGENS
(NO) polypeptide estrogen-mediated growth factors

estromustine see Leo 271 f

estrone 16 alpha-hydroxylase see estradiol 16 alpha-hydroxylase

estrone 17 beta-3-N-bis(2-chloroethyl)carbamate see Leo 271 f

estrone 3-bromoacetate
(RN) 81949-03-3
(SY) estrone 3-bromoacetic acid
(SY) 3-bromoacetoxyestrone
(HM) *HYDROXYESTRONES
(NO) RN given refers to (bromoacetyl-2-(14C))-labeled cpd; RN for parent cpd not in Chemline 11/83

estrone 3-bromoacetic acid see estrone 3-bromoacetate

estrone-6-(O-carboxymethyl)oxime see estradiol-6-(O-carboxymethyl)oxime

estrone-3-dansyl see 3-dansylestrone

estrone-17-fluorescein see 17-fluorescein estrone

estrone-3-glucosiduronate see estrone-3-glucuronide

estrone-3-glucuronide
(RN) 2479-90-5
(SY) estrone-3-glucosiduronate
(HM) ESTRONE/*analogs
(II) ESTROGENIC SUBSTANCES, CONJUGATED

estrone-17-hydroxylamine
(SY) 8 alpha-estrone-17 beta-hydroxylamine
(SY) 8 beta-estrone-17 beta-hydroxylamine
(HM) ESTRONE/*analogs
(NO) structure given in first source

estrone-17-nitrone
(SY) 8 alpha-estrone-17-nitrone
(SY) 8 beta-estrone-17-nitrone
(HM) ESTRONE/*analogs
(NO) structure given in first source

estrone-17-oxime-bovine serum albumin
(SY) E-17-ox-BSA
(HM) ESTRONE/*analogs
(HM) *SERUM ALBUMIN, BOVINE
(II) ESTROGENIC SUBSTANCES, CONJUGATED

estrone receptor
(SY) estrone receptors
(SY) receptor, estrone
(HM) *RECEPTORS, ESTROGEN
(II) ESTRONE

estrone receptors see estrone receptor

estrone sulfatase
(RN) EC 3.1.6.-
(HM) *SULFATASES

estrone sulfate
(RN) 481-97-0
(RR) 1240-04-6 (K salt)
(RR) 3398-76-3 (16-(14)C-labeled cpd)
(RR) 15043-11-5 (14C-labeled cpd)
(RR) 38104-09-5 (NH4 salt)
(RR) 438-67-5 (Na salt)
(SY) estrone-3-sulfate
(SY) evex
(SY) sodium estrone sulfate
(SY) oestrone sulphate
(HM) ESTRONE/*analogs
(II) ESTROGENIC SUBSTANCES, CONJUGATED
(NO) sulfoconjugated estrone; RN given refers to parent cpd

estrone 3-sulfate 16 alpha-hydroxylase see estradiol 16 alpha-hydroxylase

estrone sulfate sulfohydrolase see dehydroepiandrosterone sulfate sulfatase

estrone-3-sulfate see estrone sulfate

estrone sulfotransferase
(RN) EC 2.8.2.4
(RR) 9026-06-6 (CRN)
(SY) estrogen sulfotransferase
(HM) *SULFURTRANSFERASES

estrophile see estrophilin

estrophilin
(SY) estrogen-binding protein
(SY) estrophile
(SY) estrogen receptor protein
(HM) *CARRIER PROTEINS
(II) RECEPTORS, ESTROGEN
(NO) purified estrogen-binding protein

estryne see 5,10-secoestr-5-yne-3,10,17-trione

estulic see guanfacine

esucos see dixyrazine

ES 52
(RN) 93783-79-0
(SY) ES-52
(HM) *MERCAPTOPROPIONYLGLYCINE/analogs
(PA) PEPTIDE PEPTIDOHYDROLASES/antag
(NO) thiorphan derivative with enkaphalinase antagonism; no other info available 2/24/84

ES-52 see ES 52

ES 914 see 2,2'-disulfohexanoic acid

etafenone
(RN) 90-54-0
(RR) 2192-21-4 (HCl)
(SY) baxacor
(SY) etaphenone
(HM) *PROPIOPHENONES
(PA) VASODILATOR AGENTS
(PA) ADRENERGIC BETA RECEPTOR AGONISTS
(NO) used in therapy of anigna pectoris; RN given refers to parent cpd; synonym baxacor is HCl; structure

etafenoxine
(RN) 21715-46-8
(SY) HOE 36801
(SY) 2-ethylamino-6-chloro-4-methyl-4-phenyl-4H-3,1-benzoxazine
(SY) etifoxin
(SY) etifoxine
(HM) *OXAZINES
(PA) TRANQUILIZING AGENTS
(PA) ANTICONVULSANTS
(NO) structure

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ETAFOS
(RN) 38527-91-2
(HM) *ORGANOTHIOPHOSPHORUS COMPOUNDS
(PA) INSECTICIDES, ORGANOPHOSPHATE

etamiphyllin
(RN) 314-35-2
(RR) 17140-68-0 (mono-HCl)
(SY) millophylline
(SY) etamiphylline
(SY) Solufiline
(SY) ethamicyclin
(SY) Solucyclin
(HM) THEOPHYLLINE/*analogs
(NO) RN given refers to parent cpd; structure

etamiphylline see etamiphyllin

etamycin
(RN) 299-20-7
(SY) neoviridogrisein IV
(HM) PEPTIDES, CYCLIC
(PA) ANTIBIOTICS
(NO) antibiotic substance (macrolide lactone) produced by Streptomyces griseus & allied Streptomyces; active against gram-positive Mycobacterium tuberculosis & some fungi & other "coccal" infections; see also neoviridogriseins; structure

etaphenone see etafenone

etaphylline see acefyllin piperazinate

etaretin
(HM) *PHOSPHOLIPIDS
(PA) OPHTHALMIC SOLUTIONS
(NO) used in treatment of senile maculopathy

D-1,2-ETBP see 3,4-dihydroxy-1,2-epoxy-1,2,3,4-tetrahydrobenz(a) anthracene

ETC carbodiimide see 1-ethyl-3-(3-(trimethylamino))propyl)carbodiimide

ET-18-OCH3 see 1-octadecyl-2-methylglycero-3-phosphocholine

eterilate
(RN) 62992-61-4
(SY) 2-(p-acetamidophenyloxy)ethyl-o-acetoxybenzoate
(SY) eterylate
(HM) *BENORILATE/analogs
(PA) ANTI-INFLAMMATORY AGENTS
(PA) ANTIPYRETICS
(NO) structure

eterofen see ethyldiphacil

eterylate see eterilate

ETF dehydrogenase see electron-transferring flavoprotein dehydrogenase

ET flavoprotein see electron-transferring flavoprotein

ETF protein see electron-transferring flavoprotein

ethacizin see diethylamino-ethmozine

ethacridine lactate monohydrate see rivanol

ethamicyclin see etamiphyllin

ethamolin see ethanolamine oleate

Ethanamine, N,N-diethyl-2-(phenyltricyclo(2.2.1.02,6) hept-3-ylidenemethoxy)-, hydrochloride see treptilamine

ethandithiol see 1,2-ethanedithiol

1,1-ethanediol
(RN) 4433-56-1
(SY) acetaldehyde hydrate
(HM) *GLYCOLS
(NO) structure given in first source

ethanedithiol see 1,2-ethanedithiol

1,2-ethanedithiol
(RN) 540-63-6
(SY) ethanditniol
(SY) ethanedithiol
(SY) 2-mercaptoethanol disulfide
(HM) MERCAPTOETHANOL/*analogs
(NO) RN given refers to 1,2-isomer; RN in Chemline for cpd without locants for thiol groups: 26914-70-9

1,1'-(1,2-ethanediyl)bis(benzene) see 1,2-dihydrostilbene

ethanethiol
(RN) 75-08-1
(RR) 811-51-8 (Na salt)
(RR) 811-50-7 (Hg(+2) salt)
(SY) ethyl mercaptan
(HM) *SULFHYDRYL COMPOUNDS
(NO) RN given refers to parent cpd; structure

ethanethiol-sepharose
(SY) sepharose-ethanethiol
(SY) agarose ethanethiol
(HM) SEPHAROSE/*analogs

9,10-ethanoanthracene-9(10H)-propylamine see desmethylmaprotiline

ethanochrysanthemate see ethanoresmethrin

8,2'-ethano-cyclo-2'-deoxyadenosine
(SY) 8,2-ECDA
(HM) DEOXYADENOSINE/*analogs
(NO) structure given in first source

ethanocytidine see 3,N(4)-ethenocytidine

5,7-ethano-4,5,5a,6,7,11b-hexahydro-2,6,7-trimethyl-1H-benzo(g)homoquinolin-9-ol
(RN) 77502-64-8
(SY) EHTMBHQ
(HM) PENTAZOCINE/*analogs
(PA) ANALGESICS
(NO) tetracyclic pentazocine; structure given in first source

4,6-ethano-3,4,4a,5,6,10b-hexahydro-2,5,6-trimethylbenzo(f)quinolin-8-ol
(RN) 77502-66-0
(SY) EHTMBQ
(HM) PENTAZOCINE/*analogs
(PA) NARCOTIC ANTAGONISTS
(NO) structure given in first source

ethanolamine
(RN) 141-43-5
(RR) 56633-27-3 (sulfate)
(RR) 56287-21-9 (phosphonate[1:1])
(RR) 54300-24-2 (acetate)
(RR) 53226-35-0 (formate)
(RR) 38491-11-1 (unspecified oxalate)
(RR) 29868-05-1 (phosphate)
(RR) 20748-72-5 (nitrate)
(RR) 15535-29-2 (sulfite[2:1])
(RR) 13427-63-9 (sulfite[1:1])
(RR) 2799-19-1 (oxalate[2:1])
(RR) 2002-24-6 (HCl)
(RR) 22852-66-0 (conjugate monoacid)
(RR) 17619-86-2 (sulfite)
(RR) 15267-96-6 (mono-Na salt)
(SY) colamine
(SY) monoethanolamine
(SY) 2-aminoethanol
(HM) *ETHANOLAMINES
(NO) RN given refers to parent cpd

ethanolamine benzoate
(RN) 4337-66-0
(SY) monoethanolamine benzoate
(HM) *ETHANOLAMINES
(HM) *BENZOATES
(II) AIR POLLUTANTS, OCCUPATIONAL
(NO) corrosion inhibitor causing functional disorders after long term exposure; RN given refers to [1:1] compd. of above cpds

ethanolamine kinase
(RN) EC 2.7.1.82
(RR) 9075-78-9 (CRN)
(SY) amino alcohol kinase
(HM) *PHOSPHOTRANSFERASES, ATP

ethanolamine oleate
(RN) 3282-75-5
(SY) oleic acid, 2-aminoethyl ester
(SY) ethamolin
(HM) *OLEIC ACIDS
(II) SCLEROSING SOLUTIONS
(NO) RN given refers to (Z)-isomer; RN for cpd without isomeric designation not in Chemline 7/83

ethanolamine phosphate see phosphorylethanolamine

ethanolaminephosphate cytidylyltransferase
(RN) EC 2.7.7.14
(RR) 9026-33-9 (CRN)
(SY) CTP-phosphoethanolamine cytidylyltransferase
(HM) *NUCLEOTIDYLTRANSFERASES

ethanolamine plasmalogen see phosphatidal ethanolamines

ethanolamine plasmalogens see phosphatidal ethanolamines

ethanolamine O-sulfate
(RN) 926-39-6
(SY) 2-aminoethyl hydrogen sulfate
(HM) *ETHANOLAMINES
(PA) AMINOBUTYRATE AMINOTRANSFERASE/antag
(PA) DIURETICS

ethanoresmethrin
(RN) 67392-76-1
(RR) 22431-62-5 ((1R-trans)-isomer)
(RR) 31182-65-7 ((1R-cis)-isomer)
(RR) 73367-05-2 ((cis)-isomer)
(RR) 65167-05-7 ((trans)-isomer)
(SY) RU 11,679
(SY) ethanochrysanthemate
(SY) bioethanomethrin
(HM) *PYRETHRINS
(PA) INSECTICIDES, BOTANICAL
(NO) analog of bioresmithrin replacing 2-methylpropenyl side-chain with cyclopentylidenyl group; RN given refers to cpd with unspecified isomeric designation; structure

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ethaverine
(RN) 486-47-5
(RR) 985-13-7 (HCl)
(SY) ethylpapaverine
(HM) PAPAVERINE/*analogs
(PA) PARASYMPATHOLYTICS
(NO) tetraethyl homolog of papaverine; smooth muscle relaxant; RN given refers to parent cpd; structure

ethazole see etridiazol

ethene see ethylene

1,N(6)-ethenoadenine
(RN) 13875-63-3
(HM) ADENINE/*analogs
(NO) biologically active fluorescent derivatives of this cpd potentially valuable in studies concerning interactions between adenine cpds & various enzymes for which they serve as substrates or co-factors; structure

1,N(6)-ethenoadenosine3',5'-cyclic monophosphate see 1,N(6)-ethenoadenosine 3',5'-monophosphate

ethenoadenosine diphosphate see 1,N(6)-ethenoadenosine diphosphate

1,N(6)-ethenoadenosine diphosphate
(RN) 38806-39-2
(SY) NEADP
(SY) ethenoadenosine diphosphate
(SY) epsilon-ADP
(SY) 1,N(6)-etheno-ADP
(HM) ADENOSINE DIPHOSPHATE/*analogs
(II) FLUORESCENT DYES
(NO) polarized fluorescence reagents

etheno-adenosine monophosphate see etheno-AMP

1,N(6)-ethenoadenosine 3',5'-monophosphate
(RN) 38806-37-0
(SY) etheno-cyclic AMP
(SY) 1,N(6)-etheno-cAMP
(SY) 1,N(6)-ethenoadenosine3',5'-cyclic monophosphate
(HM) ADENOSINE CYCLIC MONOPHOSPHATE/*analogs
(NO) fluorescent cyclic AMP analog; structure

ethenoadenosine triphosphate-2',3'-dialdehyde
(RN) 84184-92-9
(SY) 2',3'-dialdehyde etheno-ATP
(SY) dial-epsilon ATP
(HM) ETHENOADENOSINE TRIPHOSPHATE/*analogs
(II) AFFINITY LABELS

1,N(6)-ethenoadenosine
(RN) 39007-51-7
(HM) ADENOSINE/*analogs
(NO) fluorescent probe; structure

1,N(6)-etheno-ADP see 1,N(6)-ethenoadenosine diphosphate

etheno-AMP
(RN) 37482-16-9
(SY) etheno-adenosine monophosphate
(SY) epsilon-AMP
(HM) ADENOSINE MONOPHOSPHATE/*analogs

1,N(6)-etheno-2-aza-adenosine triphosphate see aza-epsilon-ATP

etheno-8-azido-ATP see 8-azido-1,N(6)-ethenoadenosine triphosphate

1,N(6)-etheno-cAMP see 1,N(6)-ethenoadenosine 3',5'-monophosphate

etheno-cyclic AMP see 1,N(6)-ethenoadenosine 3',5'-monophosphate

3,N(4)-ethenocytidine
(RN) 39007-52-8
(SY) ethanocytidine
(HM) CYTIDINE/*analogs
(NO) fluorescent analog of cytidine; structure

1,N(6)-ethenodeoxyadenosine
(RN) 68498-25-9
(HM) DEOXYADENOSINE/*analogs

1,N(6)-etheno-NAD see nicotinamide 1,N(6)-ethenoadenine dinucleotide

4-ethenyl-1-cyclohexene see 4-vinylcyclohexene

4-ethenylidene-5 alpha-androstane-3 beta, 17 beta-diol
(RN) 84958-36-1
(SY) 4-EDAD
(HM) *5-ANDROSTANE-3,17-DIOL/analogs
(PA) 3-HYDROXYSTEROID DEHYDROGENASES/antag

4-ethenylidene-5 alpha-androstane-3,17-dione
(RN) 84958-35-0
(SY) 4-EAAD
(HM) *5-ANDROSTANE-3,17-DIOL/analogs
(PA) 3-HYDROXYSTEROID DEHYDROGENASES/antag

1-ethenyl-2-methylbenzene
(RN) 611-15-4
(SY) 2-ethenylmethylbenzene
(HM) *STYRENES
(NO) structure given in first source

1-ethenyl-3-methylbenzene
(RN) 39294-88-7
(SY) 3-ethenylmethylbenzene
(HM) *STYRENES
(NO) structure given in first source

1-ethenyl-4-methylbenzene
(RN) 622-97-9
(SY) 4-ethenylmethylbenzene
(HM) *STYRENES
(NO) structure given in first source

2-ethenylmethylbenzene see 1-ethenyl-2-methylbenzene

3-ethenylmethylbenzene see 1-ethenyl-3-methylbenzene

4-ethenylmethylbenzene see 1-ethenyl-4-methylbenzene

ethenzamide
(RN) 938-73-8
(SY) o-ethoxybenzamide
(SY) 2-ethoxybenzamide
(HM) *SALICYLAMIDES
(NO) structure

ethephon
(RN) 16672-87-0
(SY) Am Chem 66-329
(SY) ethrel
(SY) camposan
(HM) *ORGANOPHOSPHORUS COMPOUNDS
(II) PLANT GROWTH REGULATORS

etheromycin
(RN) 59149-05-2
(SY) CP-38295
(HM) ETHERS
(PA) ANTIBIOTICS

ether, vinyl see vinyl ether

ethibloc see prolamins

Ethibond
(HM) *POLYETHYLENE TEREPHTHALATE
(NO) braided strands of polyethylene terephthalate coated with polybutylate; used as suture material

Ethicon CHC see carbohexoxymethyl 2-cyanoacrylate monomer

ethidin see etidin

ethidium azide see 8-azidoethidium

ethidium homodimer
(RN) 61926-22-5
(SY) 4,7-diazadecyl-5,5'-bis(3,8-diamino-6-phenylphenanthridium) dichloride dihydrochloride
(HM) ETHIDIUM/*analogs
(NO) structure

ethidium monoazide see 8-azidoethidium

ethinamat see ethinamate

ethinamate
(RN) 126-52-3
(SY) ethinamat
(SY) valamid
(SY) valmidate
(SY) valamin
(SY) 1-ethynylcyclohexylcarbamate
(HM) *CARBAMATES
(PA) SEDATIVES, NONBARBITURATE
(NO) short duration hypnotic with fast onset & relatively low toxicity; may cause dependence; minor descriptor (76-85); on-line & Index Medicus search CARBAMATES (76-85)

ethinyl estradiol glucuronide
(SY) ethynyl estradiol glucuronide
(HM) ETHINYL ESTRADIOL/*analogs

ethinyl estradiol sulfonate
(HM) ETHINYL ESTRADIOL/*analogs

ethiodiol see ethiodized oil emulsion 13

ethiodized oil emulsion 13
(SY) EOE-13
(SY) EOE 13
(SY) ethiodiol
(HM) *ETHIODIZED OILS
(II) CONTRAST MEDIA
(NO) used for detection of tumors in liver & spleen

ethion
(RN) 563-12-2
(SY) diethion
(SY) niagara 1240
(SY) nialate
(SY) RP 8167
(SY) ethopaz
(HM) INSECTICIDES, ORGANOTHIOPHOSPHATE
(NO) minor descriptor (73-82); online & Index Medicus search INSECTICIDES, ORGANOTHIOPHOSPHATE (73-82)

ethiotrast
(RN) 81627-92-1
(SY) etiotrast
(HM) *CONTRAST MEDIA
(NO) no other information available 5/21/82

ethipyrol see etipirol

ethirazol see etipirol

ethirazole see etipirol

ethmozin see moracizin

ethmozine see moracizin

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ethodichlorophen see etoprine

ethodin see rivanol

ethoheptazine
(RN) 77-15-6
(RR) 6700-56-7 (citrate[1:1])
(RR) 5982-61-6 (HCl)
(SY) ethylheptazine
(SY) heptacyclazin
(HM) *AZEPINES
(PA) ANALGESICS
(NO) major descriptor (65-83); on-line search AZEPINES (65-83); Index Medicus search ETHOHEPTAZINE (65-83); RN given refers to parent cpd; structure

ethonium
(RN) 21954-74-5
(SY) etonii
(SY) 1,2-bis(ethylene-N-dimethylcarbodecyloxymethylammonium).di-Cl
(SY) 1,2-ethylenebis(N-dimethylcarbodecyloxymethyl) ammonium dichloride
(SY) aethonium
(SY) etonium
(SY) aethonii
(SY) dichloride ethylene-1,2-bis(N-dimethylcarbodecyloxymethyl)ammonium
(HM) *AMMONIUM COMPOUNDS
(PA) ANTI-INFECTIVE AGENTS
(PA) ANTIFUNGAL AGENTS
(II) SURFACE-ACTIVE AGENTS
(NO) Russian drug; RN given refers to dichloride; RN for parent cpd not in Chemline 7/83

ethopaz see ethion

ethoprop
(RN) 13194-48-4
(SY) Mocap
(HM) *THIOPHOSPHORIC ACID ESTERS
(PA) INSECTICIDES, ORGANOTHIOPHOSPHATE
(PA) NEMATOCIDES
(NO) structure

ethoxyacetic acid
(RN) 627-03-2
(SY) 2-ethoxyacetic acid
(HM) *ACETIC ACIDS

2-ethoxyacetic acid see ethoxyacetic acid

o-ethoxybenzamide see ethenzamide

2-ethoxybenzamide see ethenzamide

4-ethoxybenzenesulfonic acid 2-(dimethylamino)ethyl ester
(RN) 84678-40-0
(RR) 54408-38-7 (HCl)
(SY) 4-EBSDE
(HM) *BENZENESULFONATES
(PA) ANESTHETICS, LOCAL
(NO) RN given refers to parent cpd; structure given in first source

ethoxybenzoic acid
(RN) 30734-87-3
(HM) *HYDROXYBENZOIC ACIDS
(NO) no other information available; see also record for 2-ethoxy isomer

2-(4-ethoxybenzyl)-1-diethylaminoethyl-5- isothiocyanatobenzimidazolze
(RN) 85951-65-1
(SY) BIT alkylating agent
(SY) BIT
(HM) *THIOCYANATES
(II) ALKYLATING AGENTS
(NO) site directed alkylating agent; selective agonist for mu receptors

8-ethoxycaffeine
(RN) 577-66-2
(HM) CAFFEINE/*analogs

4-ethoxycarbamoylthio-6-guanidinocaproate phosphate see FOY 129

6-ethoxycarbonyl-5,7-dimethyl-1-(3-(4-phenethyl-1-piperazinyl)propyl)-3-(alpha,alpha,alpha-trifluoro-2-tolyl)-2,4(1H,3H)-quinazolinedione dihydrochloride see SP 294

N-ethoxycarbonyl-2-ethoxy-1,2-dihydroquinoline see EEDQ

1-(ethoxycarbonyl)-3-hydroxy-3-phenyl-2- piperidinone
(RN) 65379-07-9
(SY) 1-ECHPP
(HM) *PIPERIDINES
(PA) ANTICONVULSANTS
(NO) structure given in first source

1-(ethoxycarbonyl)-3-methoxy-3-phenyl-2- piperidinone
(RN) 87532-78-3
(SY) 1-ECMPP
(HM) *PIPERIDINES
(PA) ANTICONVULSANTS
(NO) RN & structure given in first source; RN not in Chemline 3/84

1-(4-(ethoxycarbonyl)-2-methylpentanoyl)-2,3-dihydroindole-2-carboxylic acid see CGS 13945

ethoxycarbonyloxyethyl ester of ampicillin see bacampicillin

1-(N-(1-ethoxycarbonyl)-3-phenyl-1S-propyl)alanyl-2,3-dihydro-2S-indole-2-carboxylate sodium see CGS 13928C

1-(N-(1-(ethoxycarbonyl)-3-phenylpropyl)alanyl) octahydro-1H-indole-2-carboxylic acid see SCH 31846

2-(2-((1-(ethoxycarbonyl)-3-phenylpropyl)amino)-1-oxopropyl)-1,2,3,4-tetrahydro-3- isoquinolinecarboxylic acid see CI 906

4-(ethoxycarbopheayl)retinamide see 4-(carboethoxyphenyl)retinamide

7-ethoxycoumarin dealkylase see 7-ethoxycoumarin O-dealkylase

7-ethoxycoumarin O-dealkylase
(RN) EC 1.14.13.-
(SY) ethoxycoumarin deethylase
(SY) 7-ethoxycoumarin hydroxylase
(SY) 7-ethoxycoumarin monooxygenase
(SY) 7-ethoxycoumarin O-de-ethylase
(SY) ethoxycoumarin O-deethylase
(SY) 7-ethoxycoumarin dealkylase
(SY) cytochrome P-450-dependent O-dealkylase
(SY) 7-alkoxycoumarin O-dealkylase
(SY) 7-propoxycoumarin O-depropylase
(HM) *OXYGENASES
(NO) enzyme present in liver & placenta metabolizing ethoxycoumarin to 7-hydroxycoumarin

ethoxycoumarin deethylase see 7-ethoxycoumarin O-dealkylase

ethoxycoumarin O-deethylase see 7-ethoxycoumarin O-dealkylase

7-ethoxycoumarin O-de-ethylase see 7-ethoxycoumarin O-dealkylase

7-ethoxycoumarin hydroxylase see 7-ethoxycoumarin O-dealkylase

7-ethoxycoumarin monooxygenase see 7-ethoxycoumarin O-dealkylase

7-ethoxycoumarin
(RN) 31005-02-4
(HM) *COUMARINS

9-ethoxy-5,9-dimethyl-1-((3,4-methylenedioxy)phenoxy)-3-decene
(SY) EDMMDPD
(HM) *PHENYL ETHERS
(II) JUVENILE HORMONES

2-ethoxyethanol
(RN) 110-80-5
(SY) Cellosolve
(SY) ethylcellosolve
(SY) ethylene glycol monoethyl ether
(SY) oxitol
(HM) *ETHYLENE GLYCOLS
(II) SOLVENTS

ethoxyethyl acetate see ethylglycol acetate

2-ethoxyethyl-p-methoxycinnamate see Giv-Tan F

1-(2-ethoxyethyl)-2-(4-methyl-1-homopiperazinyl) benzimidazole difumarate see KB 2413

3-ethoxy-4-hydroxybenzaldehyde see ethyl vanillin

3-ethoxy-p-hydroxybenzoic acid see 3-ethoxy-4-hydroxybenzoic acid

3-ethoxy-4-hydroxybenzoic acid
(RN) 5438-38-0
(SY) 3-ethoxy-p-hydroxybenzoic acid
(HM) *HYDROXYBENZOIC ACIDS
(NO) urinary metabolite of ethyl vanillin; structure given in first source

4-ethoxy-3-hydroxy-3,4-dihydro-2H-naphtho(1,2-b)pyran
(SY) EOHDNP
(HM) *PYRANS
(NO) structure given in first source

4'-ethoxy-2'-hydroxy-4,6'-dimethoxychalcone see Ro 09-0410

3-ethoxy-p-hydroxymandelic acid see 3-ethoxy-4-hydroxymandelic acid

3-ethoxy-4-hydroxymandelic acid
(SY) EHMA
(SY) 3-ethoxy-p-hydroxymandelic acid
(HM) *MANDELIC ACIDS
(NO) urinary metabolite of ethyl vanillin

3-ethoxy-4-hydroxyphenylglycol
(RN) 62024-68-4
(SY) 3-EHPG
(HM) *METHOXYHYDROXYPHENYLGLYCOL/analogs

(6E)-11-ethoxy-2,3-methyleno-3,7,11-trimethyldodec-6-enoic acid isopropyl ester see cyclopren

4-ethoxy-2-methyl-5-morpholino-3(2H)-pyridazinone see emorfazone

3-ethoxy-2-oxobutyraldehyde see kethoxal

5-(2-((2-ethoxyphenoxy)ethyl)amino)propyl)-2-methoxybenzenesulfonamide see YM 12617

2-(3-ethoxyphenyl)-5,6-dihydro-s-triazole(5,1-a) isoquinoline see L 11204

p-ethoxyphenylurea see dulcin

ethoxy-precocene see ethoxyprecocene

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ethoxyprecocene
(RN) 65383-73-5
(SY) 6-methoxy-7-ethoxy-2,2-dimethylchromene
(SY) ethoxy-precocene
(HM) *BENZOPYRANS

2-ethoxy-2-propenylidene methanaminium see K 152,848

ethoxypropionic acid see glycidic acid

1-(2-ethoxy-2-(3'-pyridyl)ethyl)-4-(2'-methoxyphenyl) piperazine see IP 66

ethoxyresorufin
(RN) 5725-91-7
(HM) *OXAZINES
(NO) structure

ethoxyresorufin O-deethylase
(RN) EC 1.-
(SY) 7-ethoxyresorufin de-ethylase
(HM) *OXIDOREDUCTASES
(NO) identifiable with cytochrome P448 or P1450

7-ethoxyresorufin de-ethylase see ethoxyresorufin O-deethylase

ethoxysclerol see polidocanol

1-ethoxysilatrane see migugen

2-ethoxy-6(5-tetrazolyl)xanthone see BWA 827C

ethpenal
(RN) 3626-03-7
(SY) etpenal
(SY) 3-diethylaminopropyl-o-ethylbenzilate
(HM) *BENZILATES
(PA) PARASYMPATHOLYTICS

ethrel see ethephon

ethybenztropine
(RN) 524-83-4
(RR) 26598-44-7 (HCl(endo)-isomer)
(RR) 24815-25-6 (HBr(endo)-isomer)
(SY) ponalide
(SY) ethylbenzatropine
(SY) ethylbenztropine
(HM) *TROPANES
(NO) minor descriptor (65-66); major descriptor (66-79); on-line search ETHYBENZTROPINE (65-79); Index Medicus search ETHYBENZTROPINE (66-79); RN given refers to (endo)-isomer of parent cpd

ethybloc see prolamins

ethyl acetate
(RN) 141-78-6
(HM) *ACETIC ACID ESTERS
(PA) ANTI-ARRHYTHMIA AGENTS

ethyl acetimidate
(RN) 1000-84-6
(RR) 2208-07-3 (HCl)
(RR) 86367-99-9 (14C-labeled cpd)
(SY) ethylacetimidate
(HM) *IMIDOESTERS
(II) INDICATORS AND REAGENTS
(NO) RN given refers to parent cpd

ethylacetimidate see ethyl acetimidate

ethyl acetoacetate
(RN) 141-97-9
(RR) 39169-78-3 (3-(14)C-labeled cpd)
(RR) 66157-63-9 (2-(14)C-labeled cpd)
(RR) 57159-73-6 (1,2-(14)C-labeled cpd)
(RR) 57159-72-5 (1,3-(14)C-labeled cpd)
(RR) 41410-21-3 (2,4-(14)C-labeled cpd)
(RR) 57159-71-4 (14C4-labeled cpd)
(HM) *ACETOACETATES
(NO) RN given refers to unlabeled parent cpd

ethyl N-acetyl-L-phenylalanine see N-acetylphenylalanine ethyl ester

ethyl acrylate
(RN) 140-88-5
(SY) acrylic acid ethyl ester
(HM) *ACRYLATES
(PA) MUTAGENS

ethyl acrylates
(HM) *ACRYLATES

9-ethyladenine
(RN) 2715-68-6
(HM) ADENINE/*analogs

ethyl adenosine-5'-carboxylate see Abbott 40557

N-ethyl adenosine-5'-uronamide
(SY) NECA
(HM) ADENOSINE/*analogs

ethyl N-alpha-acetyl-tyrosinate
(RN) 840-97-1
(RR) 7182-56-1 (HCl)
(SY) ATEE
(SY) N-acetyl-L-tyrosine ethyl ester
(HM) TYROSINE/*analogs
(NO) RN given refers to parent cpd

ethyl-alpha-N-benzoyl-L-arginate see benzoylarginine ethyl ester

ethyl alpha-cyanoacrylate see ethyl 2-cyanoacrylate

ethylamine
(RN) 75-04-7
(RR) 593-55-5 (HBr)
(RR) 557-66-4 (HCl)
(RR) 5711-26-2 (14C-labeled cpd)
(HM) *ETHYLAMINES

2-ethylamino-4-amino-5-thiomethyl-6-chloropyrimidine see UKJ 72J

ethyl m-aminobenzoate methanesulfonate see tricaine

2-ethylamino-6-chloro-4-methyl-4-phenyl-4H-3,1-benzoxazine see etafenoxine

ethyl 5-amino-1,2-dihydro-3-((N-methylanilino)methyl) pyrido-(3,4-b)pyrazin-7-ylcarbamate see NSC 181928

ethyl 2-amino-6-((p-fluorobenzyl)amino)-3-pyridinecarbamate see flupirtine

2-ethylamino-6-methylthio-4-tert-butylamino-1,3, 5-triazine see terbutryne

2-ethylamino-3-phenylnorcamphane see fencamfamine

ethylanthranilate diazo method see diazoethylanthranilate

ethyl apovincaminate
(RN) 42971-12-0
(RR) 69002-81-9 (tartrate[1:1])
(RR) 77549-94-1 ((16alpha)-isomer)
(RR) 79114-70-8 (2-oxopentanedioate[1:1])
(RR) 83558-95-6 (3H-labeled cpd)
(RR) 68780-77-8 ((+-)-isomer)
(RR) 42971-09-5 ((3alpha,16alpha)-isomer)
(SY) Cavinton
(SY) RGH-4405
(SY) vinpocetine
(SY) kavinton
(HM) *VINCA ALKALOIDS
(PA) ANTIHYPERTENSIVE AGENTS
(PA) VASODILATOR AGENTS
(NO) whole issue of Arzneim Forsch (23 articles) discuss this drug; Arzneim Forsch 26(10a);1976; RN given refers to parent cpd with unspecified isomeric designation

N(G)-ethylarginine see N(G)-monoethylarginine

5-ethyl-1-aza-3,7-dioxabicyclo-3.3.0-octane see CS 1246

ethyl-8-azido-5,6-dihydro-5-methyl-6-oxo-4H-imidazo-1, 4-benzodiazepine-3-carboxylate see RO 15-4513

ethyl N-5-azido-2-nitrobenzoylaminoacetimidate
(RN) 65125-36-2
(HM) *IMIDOESTERS
(II) CROSS-LINKING REAGENTS
(NO) protein cross-linking reagent

ethyl 2-(4-azidophenoxy)-2-methylpropanoate see azidofibrate

1-ethyl-3-(4-azonia-4,4-dimethylpentyl) carbodiimide
(SY) 1-EAC
(HM) *CARBODIIMIDES
(NO) inhibits phosphate transport in human erythrocytes

ethylbenzatropine see ethybenztropine

ethylbenzene
(RN) 100-41-4
(HM) *BENZENE DERIVATIVES
(NO) structure

ethylbenzene hydroperoxide
(RN) 3071-32-7
(SY) EBHP
(HM) *PEROXIDES
(NO) structure given in first source

2-ethylbenzimidazole
(RN) 1848-84-6
(HM) *BENZIMIDAZOLES

ethylbenztropine see ethybenztropine

ethyl 2-(benzyloxycarbonylamino)-3-sulfamoylpropionate
(SY) EBZCASP
(HM) *CYSTEIC ACID/analogs
(NO) blocked cysteic acid S-amide

ethyl 5-benzyloxy-4-methoxymethyl-beta-carboline-3-carboxylate see ZK 91296

ethyl-beta-carboline-3-carboxylate see beta-carboline-3-carboxylic acid ethyl ester

24-ethyl-5 beta-cholestane-3 alpha,7 alpha,12 alpha, 24 xi-tetrol see 24-ethylcholestane-3,7,12,24-tetrol

O-ethyl S-(beta-ethylthioethyl)(methyl) thiophosphonate methosulfate see methylsulfomethylate

ethyl-beta-methyl-4-(1-methyl-2-propynyloxy)cinnamate see Ro 03-6037

ethyl-beta((5-tert-butyl-3-chloro-2-hydroxy) benzylamino)crotonate see ITA 529

1-O-ethyl-5,6-bis-O-(4-chlorobenzyl)-3-O-propyl-D-glucofuranoside see clobenoside

ethylbromfenvinfos see bromfenvinphos

ethyl bromophos
(RN) 4824-78-6
(HM) PHOSPHORIC ACID ESTERS
(PA) INSECTICIDES, ORGANOTHIOPHOSPHATE
(PA) MUTAGENS

ethylbromphenvinfos see bromfenvinphos

ethylbromphenvinphos see bromfenvinphos

5-ethyl-1-(3-butoxy-2-carbamoyloxypropyl)-5- barbituric acid see febarbamate

ethyl t-butoxy-5-fluoro-hexahydro-2,4-dioxopyrimidine-5-carboxylate see TAC 278

ethyl-n-butyl ketone
(RN) 106-35-4
(SY) butyl ethyl ketone
(HM) *METHYL N-BUTYL KETONE/analogs

ethyl butyrate
(RN) 105-54-4
(SY) butyric acid ethyl ester
(HM) *BUTYRATES

N-ethylcarbaminomethyl-L-isoleucine see A-145

1-ethyl-4-carbamoyl-5-methylcarbamoylimidazole see desmethyletimizol

ethylcarbanilate see phenylurethane

ethyl carbitol see carbitol

ethylcarbitol see carbitol

N(6)-ethylcarboxamide adenosine see adenosine-5'-(N-ethylcarboxamide)

5'-N-ethylcarboxamidoadenosine see adenosine-5'-(N-ethylcarboxamide)

ethyl-4-carboxy alpha-phenyl-1,2-thiazolidine acetate see Leyk

ethyl O-(N-(4-carboxyphenyl)carbamoyl)mycophenolate see NSC 297879D

ethylcellosolve see 2-ethoxyethanol

ethyl cellulose
(RN) 9004-57-3
(HM) CELLULOSE/*analogs

ethylcellulose perfluorobutyrate
(RN) 52627-33-5
(HM) *FLUOROCARBONS
(NO) non-thrombogenic fluoropolymer for gas exchange membranes

ethylchloroformate
(RN) 541-41-3
(RR) 38527-82-1 (14C-labeled cpd)
(HM) *FORMIC ACIDS

ethyl 2-(5-(4-chlorophenyl)pentyl)oxiran-2-carboxylate
(RN) 78573-55-4
(SY) POCA
(HM) *EPOXY COMPOUNDS
(PA) HYPOGLYCEMIC AGENTS

24-ethylcholestane-3,7,12,24-tetrol
(SY) 24-ethyl-5 beta-cholestane-3 alpha,7 alpha,12 alpha,24 xi-tetrol
(SY) 24-EC-3,7,12,24-tetrol
(HM) *CHOLESTANOLS
(NO) structure given in first source

24-ethylcholesta-5,7,23-trien-3-ol
(RN) 84873-14-3
(SY) 24-ECTO
(HM) *CHOLESTENES
(NO) from euglenoid Eutreptia viridis; structure given in first source

24-ethylcholest-5-en-3 beta-ol see sitosterol

ethylcholine aziridinium
(RN) 63918-37-6
(SY) ethylcholine aziridinium chloride
(HM) *AZIRIDINES
(HM) CHOLINE/*analogs
(NO) causes passive avoidance deficits

ethylcholine aziridinium chloride see ethylcholine aziridinium

ethylcholine mustard aziridinium
(RN) 73322-02-8
(SY) AF64A
(HM) CHOLINE/*analogs
(HM) *AZIRIDINES
(PA) NEUROMUSCULAR BLOCKING AGENTS
(NO) possible model for central cholinergic function

ethyl cinepazate maleate see cinepazet

N-ethyl-N-(cona-4,6-diene-3 beta-yl)dimethylammonium iodide see stercuronium

5-ethyl-5-crotylbarbituric acid see crotarbital

ethyl cyanoacrylate see ethyl 2-cyanoacrylate

ethyl 2-cyanoacrylate
(RN) 7085-85-0
(SY) ethyl cyanoacrylate
(SY) ethyl alpha-cyanoacrylate
(SY) cyacrine
(SY) Krazy glue
(HM) *CYANOACRYLATES
(PA) HEMOSTATICS
(II) ADHESIVES
(NO) RN given refers to monomer

N-ethyl-4-cyanobenzenesulfonamide see AD 11

O-ethyl O-(4-cyanophenyl)phenylphosphonothioate see cyanophenphos

S-ethyl-N-cyclohexylthiocarbamate see cycloate

ethyl cysteine
(RN) 3411-58-3
(RR) 868-59-7 (HCl)
(SY) cysteine ethyl ester
(SY) L-cysteine ethyl ester
(HM) CYSTEINE/*analogs
(NO) RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 7/83

S-ethylcysteine
(RN) 2139-90-4
(RR) 2629-59-6 ((L)-isomer)
(SY) 3-(ethylthio)alanine
(HM) CYSTEINE/*analogs
(PA) EXPECTORANTS
(NO) RN given refers to cpd with unspecified isomeric designation

10-ethyl-10-deazaaminopterin
(RN) 80576-83-6
(SY) 10-ethyl-10-deaza-aminopterin
(HM) AMINOPTERIN/*analogs
(PA) FOLIC ACID ANTAGONISTS
(NO) structure given in first source

10-ethyl-10-deaza-aminopterin see 10-ethyl-10-deazaaminopterin

O(6)-ethyldeoxyguanosine see O(6)-ethyl-2'-deoxyguanosine

O(6)-ethyl-2'-deoxyguanosine
(RN) 50704-46-6
(SY) O(6)-ethyldeoxyguanosine
(HM) DEOXYGUANOSINE/*analogs
(NO) formed in DNA exposed to ethylnitrosourea

5-ethyl-1-(2'-deoxyribofuranosyl)uracil see 5-ethyl-2'-deoxyuridine

O(4)-ethyldeoxythymidine see O(4)-ethyl-2'-deoxythymidine

O(4)-ethyl-2'-deoxythymidine
(SY) O(4)-ethyldeoxythymidine
(HM) THYMIDINE/*analogs
(NO) accumulates in hepatocyte DNA of rats exposed to diethylnitrosamine

5-ethyldeoxyuridine see 5-ethyl-2'-deoxyuridine

5-ethyl-2'-deoxyuridine
(RN) 15176-29-1
(RR) 21466-06-8 ((alpha)-isomer)
(RR) 69263-88-3 (2-(14)C-labeled cpd)
(RR) 69264-36-4 (4-(14)C-labeled cpd)
(RR) 69264-00-2 (2-(14)C-labeled cpd (alpha)-isomer)
(RR) 69264-59-1 (4-(14)C-labeled cpd (alpha)-isomer)
(SY) 5-ethyldeoxyuridine
(SY) 1-(2'-deoxy-beta-D-ribofuranosyl)-5-ethyluracil
(SY) 5-ethyl-1-(2'-deoxyribofuranosyl)uracil
(HM) DEOXYURIDINE/*analogs
(PA) ANTIVIRAL AGENTS
(NO) RN given refers to cpd with unspecified isomeric designation

ethyl DHP see ethyl 2,3-dideoxy-D-hex-2-enopyranoside

ethyl diazoacetate see diazoacetic ester

4'-(2-ethyldiazomalonyl)digitoxigenin
(SY) 4'-EDMD
(HM) DIGITOXIGENIN/*analogs
(HM) *DIAZONIUM COMPOUNDS
(II) AFFINITY LABELS

N-(ethyl-2-diazomalonyl)thyroxine
(RN) 83181-47-9
(SY) EDM-T4
(HM) THYROXINE/*analogs
(HM) *DIAZONIUM COMPOUNDS
(II) AFFINITY LABELS
(NO) photoaffinity label

ethyl-2-(4-dibenzofuranyloxy)-2-methylpropionic acid
(RN) 41799-25-1
(SY) EDBFMP
(HM) *PROPIONIC ACIDS
(PA) ANTILIPEMIC AGENTS

ethyl (4-(2-(2,4-dichlorophenyl)-2-(1H-imidazol-1-ylmethyl)-1,3-dioxolan-4-ylmethylthio)phenyl)carbamate see tubulazole

ethyl 2,3-dideoxy-alpha-D-erythro-hex-2-enopyranoside see ethyl 2,3-dideoxy-D-hex-2-enopyranoside

ethyl 2,3-dideoxy-D-hex-2-enopyranoside
(SY) ethyl 2,3-dideoxy-alpha-D-erythro-hex-2-enopyranoside
(SY) ethyl DHP
(HM) *HEXOSES
(NO) structure given in first source

ethyl di-(2,2-dimethyl)ethylenamido phosphate see AB-163

2-ethyl-2,3-dihydro-5-benzofuranylacetic acid see furofenac

9-ethyl-6,9-dihydro-4,6-dioxo-10-propyl-4H-pyrano(3,2-g)quinoline-2,8-dicarboxylic acid see nedocromil

N(1)-(1-ethyl-1,2-dihydro-2-oxo-4-pyrimidinyl) sulfanilamide see sulfacytine

4-ethyl-4,7-dihydro-2-phenylpyrazolo (1,5- a)pyrimidin-7-one
(RN) 86969-15-5
(SY) 4-EPPPO
(HM) *PYRAZOLES
(HM) *PYRIMIDINES
(PA) ANALGESICS, ANTI-INFLAMMATORY
(NO) RN & structure given in first source; RN not in Chemline 12/21/83

4-ethyl-1,3-dihydro-5-(4-pyridinylcarbonyl)-2H-imidazol-2-one see piroximone

N-ethyl-13-dihydrorubomycin
(HM) DAUNORUBICIN/*analogs

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trans-N-ethyl-7,9-dihydroxyoctahydrobenzo(f)quinoline see Ha 118

N-ethyl-6,7-dihydroxyoctahydrobenzo(g) quinoline

(RN) 83964-62-9
(SY) TL 333
(SY) TL-333
(HM) *QUINOLINES
(NO) RN given refers to (trans)-isomer; RN for cpd without isomeric designation not in Chemline 5/85; do not confuse with TL 333 in Chemline; structure given in first source

N-ethyl-7,9-dihydroxyoctahydrobenzo(f)quinoline see Ha 118

2-ethyl-3,11-dihydroxy-4,6,8,10,12-pentamethyl-9-oxo-tetradecenoic 1,3-lactone see ebelactone B

O-ethyl S-(2-diisopropylaminoethyl) methylphosphonothioate see VX

O-ethyl-S(2)-diisopropylaminoethylmethyl phosphorothiolate

(SY) EDAMP
(HM) *THIOPHOSPHORIC ACID ESTERS

2-((2-ethyl(2,6-dimethoxyphenoxy)amino) methyl)1,4-dioxane-(2,3-b)naphthalene

(SY) WB 4101 naphthodioxane
(HM) *DIOXANES
(PA) ADRENERGIC ALPHA RECEPTOR BLOCKADERS
(NO) structure given in first source

O-ethyl N,N-dimethylamino-S-(2-diethylaminoethyl) thiophosphate methomethylsulfate see O-ethyl N,N-dimethylamino-S-(2-diethylaminoethyl) thiophosphate

O-ethyl N,N-dimethylamino-S-(2-diethylaminoethyl)thiophosphate

(SY) O-ethyl N,N-dimethylamino-S-(2-diethylaminoethyl)thiophosphate methomethylsulfate
(SY) TATCH
(HM) THIOCHOLINE/*analogs
(HM) *PHOSPHORIC ACID ESTERS
(PA) CHOLINESTERASE INHIBITORS
(NO) thiocholine-like analog of tabun; structure given in first source

O-ethyl S-(2-dimethylaminoethyl) methylphosphonothioate see 33 SN

1-ethyl-3-(3-dimethylaminopropyl) carbodiimide methiodide

(SY) EDC methiodide
(HM) *ETHYLDIMETHYLAMINOPROPYL CARBODIIMIDE/analogs

7-ethyl-1,4-dimethylazulene see chamazulene

N-ethyl-N,N-dimethyl-2-(benziloyloxy)ethylammonium see lachesine

trans-5-ethyl-5-(1',3'-dimethyl-but-1'-enyl) barbituric acid see 5-ethyl-5-(1,3-dimethyl-1-butenyl)barbituric acid

5-ethyl-5-(1,3-dimethyl-1-butenyl) barbituric acid

(RN) 72961-79-6
(RR) 75016-39-6 ((E)-isomer)
(SY) 1,3M1TB
(SY) trans-5-ethyl-5-(1',3'-dimethyl-but-1'-enyl) barbituric acid
(HM) *BARBITURATES
(PA) CONVULSANTS
(NO) RN given refers to parent cpd without isomeric designation

1-ethyl-4,5-di(N-methylcarbamoyl)pyrazole see IEM 476

3-ethyl-2,6-dimethyl-4,4a,5,6,7,8,8a,9-octahydro-4a, 8a-1H-pyrrolo(2,3g)isoquinolin-4-one see Ro 22-1319

5-ethyl-3,5-dimethyloxazolinedione see paramethadione

1-ethyl-2-((1,4-dimethyl-2-phenyl-6-pyrimidinylidene) methyl)quinolinium chloride see cyanine 863

3-ethyl-2,6-dimethyl-4H-pyrido(1,2-a)pyrimidin-4-one see CH 150

ethyl 4-(2-(4,4-dimethylthiochroman-6-yl) propenyl)benzoate

(RN) 88579-35-5
(SY) EDTCPB
(HM) *CHROMANS
(NO) RN & structure given in first source; RN not in Chemline 2/85; RN given refers to (E)-isomer

1-ethyl-2,3-dioxopiperazine see P-32

6-(((((4-ethyl-2,3-dioxo-1-piperazinyl(carbonyl)amino) phenylacetyl)amino)-7-oxo-4-thia-1-azabicyclo(3.2.0) heptane-2-carboxylic acid see 3,3-didemethylpiperacillin

ethyldiphacil

(RN) 13426-07-8
(RR) 10521-40-1 (mono-HCl)
(SY) IEM-506
(SY) eterofen
(SY) ethyldiphenacetate
(HM) ADIPHENINE/*analogs
(PA) SYMPATHOLYTICS
(NO) Russian drug; RN given refers to parent cpd

ethyldiphenacetate see ethyldiphacil

O-ethyl-S,S-diphenyl phosphorodithioate see edifenphos

S-ethyl dipropylthiocarbamate see EPTC

ethyl eicosapentaenoate see eicosapentaenoic acid ethyl ester

ethylene

(RN) 74-85-1
(SY) ethene
(HM) *ETHYLENES

2,2'-ethylenebis(6-(bromomethyl)-4-benzoquinone)

(RN) 87050-83-7
(SY) 2,2'-EBBMB
(HM) *QUINONES
(PA) ALKYLATING AGENTS
(NO) RN & structure given in first source; RN not in Chemline 12/21/83

ethylenebisdiisothiocyanato sulfide see ethylene thiuram monosulfide

1,2-ethylenebis(N-dimethylcarbodecyloxymethyl) ammonium dichloride see ethonium

ethylene-2,2'-bis(dithio)bis(ethanol) see ADA 202-718

ethylenebisdithiocarbamate manganese-zinc see mancozeb

ethylenebis(dithiocarbamic acid) disodium salt see nabam

2,2'-ethylenebis(6-hydroxymethyl)-4-benzoquinone

(RN) 87050-82-6
(SY) 2,2'-EBHMB
(HM) *QUINONES
(PA) ALKYLATING AGENTS
(NO) RN & structure given in first source; RN not in Chemline 12/21/83

N,N'-ethylenebis(o-hydroxyphenyl)glycine see ethylenediamine-N,N'-bis(2-hydroxyphenylacetic acid)

N,N'-ethylenebis(iodoacetamide)

(RN) 7250-43-3
(SY) ethylenediamine bis(iodoacetamide)
(HM) *ETHYLENEDIAMINES
(PA) ALKYLATING AGENTS
(II) CROSS-LINKING REAGENTS

ethylenebis(isothiocyanate)

(RN) 3688-08-2
(HM) *THIOCYANATES
(NO) decomposition product of ethylenebis(dithiocarbamate)

1,1-ethylenebis(1-nitrosourea)

(RN) 49606-40-8
(SY) EBNU
(HM) *NITROSOUREA COMPOUNDS
(NO) structure; RN given refers to parent cpd

6,6'-(ethylenebis(oxyethyleneimino))bis (17-(cyclopropylmethyl)-4,5-epoxymorphinan-3,14-diol

(RN) 81919-18-8
(SY) TENA
(HM) NALTREXONE/*analogs
(PA) NARCOTIC ANTAGONISTS
(NO) selective kappa opioid receptor antagonist structure given in first source; RN given refers to (5alpha, 6beta)-(5'alpha, 6'beta)-isomer; RN for cpd without isomeric designation not in Chemline 3/85

ethylenebisthiuram monosulfide see ethylene thiuram monosulfide

ethylene bromide see ethylene dibromide

ethylene bromohydrin

(RN) 540-51-2
(RR) 29155-34-8 (cpd with unspecified bromine locant)
(RR) 60197-28-6 (1-(13)C-labeled cpd)
(RR) 53135-84-5 (2-(14)C-labeled cpd)
(RR) 72437-85-5 (14C-labeled cpd)
(SY) 2-bromoethanol
(HM) ALCOHOL, ETHYL/*analogs
(NO) RN given refers to 2-bromo cpd

ethylene-chlorotrifluoroethylene copolymer

(RN) 25101-45-5
(HM) *POLYETHYLENES

ethylenediamine

(RN) 107-15-3
(RR) 73603-74-4 (3H-labeled cpd)
(RR) 25723-52-8 (unspecified sulfate)
(RR) 22029-36-3 (sulfate[1:1])
(RR) 15467-15-9 (unspecified HCl)
(RR) 14852-17-6 (unspecified phosphate)
(RR) 624-59-9 (di-HBr)
(RR) 333-18-6 (di-HCl)
(RR) 5700-49-2 (di-HI)
(RR) 22534-20-9 (conjugate acid)
(RR) 20829-66-7 (dinitrate)
(RR) 18299-54-2 (mono-HCl)
(RR) 10193-72-3 (sulfite[1:1])
(SY) 1,2-diaminoethane
(SY) ethylenediamine dihydroiodide
(HM) *ETHYLENEDIAMINES
(NO) RN given refers to parent cpd

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ethylenediamine-N,N'-bis(2-hydroxyphenylacetic acid)
(RN) 1170-02-1
(RR) 6021-71-2 (Fe(+3) salt)
(RR) 13407-14-2 (Fe-Na salt)
(RR) 15541-37-4 (di-Na salt)
(RR) 29854-02-2 (di-HCl)
(SY) ethylenediaminedi-o-hydroxyphenylacetic acid
(SY) EDBPHA
(SY) EHPG
(SY) N,N'-ethylenebis(o-hydroxyphenyl)glycine
(SY) EDBHA
(SY) ethylenediamine-N,N'-bis(2-hydroxyphenyl)glycine
(SY) EDDHA
(HM) *ETHYLENEDIAMINES
(II) IRON CHELATES
(NO) synthetic iron chelator; RN given refers to parent cpd; structure in 3rd source

ethylenediamine-N,N'-bis(2-hydroxyphenyl)glycine see ethylenediamine-N,N'-bis(2-hydroxyphenylacetic acid)

ethylenediamine bis(iodoacetamide) see N,N'-ethylenebis(iodoacetamide)

N,N'-ethylenediaminediacetic acid see EDDA

ethylenediamine dihydroiodide see ethylenediamine

ethylenediaminedi-o-hydroxyphenylacetic acid see ethylenediamine-N,N'-bis(2-hydroxyphenylacetic acid)

N,N'-ethylenediamine disuccinic acid
(RN) 20846-91-7
(SY) EDDSA
(HM) *ETHYLENEDIAMINES
(HM) *SUCCINATES
(PA) PHOSPHOLIPASE C/antag
(NO) from Actinomycetes MG417-CF17; structure given in first source

N,N'-ethylenediaminetetrodotoxin
(SY) N,N'-EDADT
(HM) TETRODOTOXIN/*analogs
(NO) structure given in first source

ethylenediamine platinum dichloride see platinum ethylenediamine dichloride

ethylenediamine platinum(II) malonate
(RN) 41666-77-7
(SY) malopen
(HM) *ORGANOPLATINUM COMPOUNDS
(PA) ANTINEOPLASTIC AGENTS

ethylenediaminetetra(methylenephosphonic)acid see (ethylenedinitrilo)-tetramethylenephosphonic acid

N,N,N',N' ethylenediamine tetra(methylenephosphonic acid) see (ethylenedinitrilo)-tetramethylenephosphonic acid

ethylene dibromide
(RN) 106-93-4
(SY) ethylene bromide
(SY) 1,2-dibromoethane
(HM) *ETHYLENE DIBROMIDES
(PA) CARCINOGENS
(NO) was EN to ethylene dibromides from 1/75 to 3/83

ethylene dichloride
(RN) 107-06-2
(RR) 52006-47-0 (38Cl-labeled cpd)
(RR) 1300-21-6 (cpd with unspecified chlorine locants)
(RR) 56389-80-1 (ion(1+))
(RR) 57858-28-3 (36Cl-labeled cpd)
(RR) 39923-03-0 (14C-labeled cpd)
(RR) 57858-27-2 (14C2-labeled cpd)
(SY) 1,2-dichloroethane
(HM) *ETHYLENE DICHLORIDES
(NO) RN given refers to 1,2-isomer; structure given in first source

ethylene dimethanesulfonate
(RN) 4672-49-5
(HM) *METHANESULFONATES
(NO) antispermatogenic agent; structure

(ethylenedinitrilo)-tetramethylenephosphonic acid
(RN) 1429-50-1
(RR) 85688-78-4 (Ca[1:1] salt)
(RR) 85688-77-3 (Ca [1:2] salt)
(RR) 79381-01-4 (Ca-Na[1:1:4] salt)
(RR) 68901-17-7 (octa-NH4 salt)
(RR) 68188-96-5 (tetra-K salt)
(RR) 61827-49-4 (tetra-Na salt)
(RR) 57011-27-5 (NH4 salt)
(RR) 34274-30-1 (K salt)
(RR) 29462-95-1 (tri-Na salt)
(RR) 22036-77-7 (Na salt)
(RR) 15142-96-8 (hexa-Na salt)
(RR) 7651-99-2 (penta-Na salt)
(SY) editempa
(SY) editempa acid
(SY) Dequest 2041
(SY) N,N,N',N' ethylenediamine tetra (methylenephosphonic acid)
(SY) EDTPO
(SY) ethylenediaminetetra(methylenephosphonic)acid
(HM) *ORGANOPHOSPHORUS COMPOUNDS
(II) CHELATING AGENTS
(NO) structure; RN given refers to parent cpd

1,1',1'',1'''-(ethylenedinitrilo)tetra-2-propanol
(RN) 102-60-3
(RR) 68258-71-9 (monotosylate)
(SY) N,N,N',N'-tetrakis(2-hydroxypropyl) ethylenediamine
(SY) quadrol
(HM) *ETHYLENEDIAMINES
(II) BUFFERS
(NO) sensitive coating on piezoelectric crystal detectors of SO2; RN given refers to parent cpd

ethylene glycol
(RN) 107-21-1
(RR) 7388-28-5 (mono-Na salt)
(RR) 53651-67-5 (mono-Mg salt)
(RR) 23248-23-9 (mono-Li salt)
(SY) 2-hydroxyethanol
(HM) *ETHYLENE GLYCOLS
(NO) RN given refers to parent cpd

ethylene glycol bis(3-(2-ketobutyraldehyde)ether) see bikethoxal

ethylene glycol bisphosphate
(RN) 763-25-7
(HM) *ETHYLENE GLYCOLS
(NO) structure given in first source

ethylene glycol bis(succinimidyl succinate) see ethylene glycolylbis(succinimidyl succinate)

ethylene glycol dimethyl ether see 1,2-dimethoxyethane

ethylene glycol dinitrate
(RN) 628-96-6
(SY) nitroglycol
(HM) *ETHYLENE GLYCOLS

ethyleneglycol monobutyl ether see n-butoxyethanol

ethylene glycol monoethyl ether see 2-ethoxyethanol

ethylene glycol monoethyl ether acetate see ethylglycol acetate

ethylene glycol monomethyl ether see methyl cellosolve

ethylene glycol monomethyl ether acetate see 2-methoxyethanol acetate

ethylene glycol monopropyl ether
(RN) 2807-30-9
(SY) 2-propoxyethanol
(HM) *ETHYLENE GLYCOLS
(PA) TERATOGENS

ethylene glycol monopropyl ether acetate
(RN) 20706-25-6
(SY) 2-propoxyethyl acetate
(HM) *ETHYLENE GLYCOLS
(PA) TERATOGENS

ethyleneglycolmonosalicylic acid ester see glycol salicylate

ethylene glycolyl bis(succinimidylsuccinate) see ethylene glycolylbis(succinimidyl succinate)

ethylene glycolylbis(succinimidyl succinate)
(RN) 70539-42-3
(SY) ethylene glycol bis(succinimidyl succinate)
(SY) EGBSS
(SY) ethylene glycolyl bis(succinimidylsuccinate)
(HM) *SUCCINIMIDES
(II) AFFINITY LABELS
(II) CROSS-LINKING REAGENTS

ethylene hexachloride see hexachloroethane

ethyleneimine see aziridine

ethylene maleic anhydride-methyliminobis(propylamine) copolymer see ethylene maleic anhydride polyelectrolyte

ethylene maleic anhydride polyelectrolyte
(SY) ethylene maleic anhydride-methyliminobis (propylamine) copolymer
(SY) EMA-PE
(HM) *POLYMERS
(NO) polyelectrolyte consists of ethylene maleic anhydride molecules, the anhydride moiety of which is substituted with positively charged methyliminobis(propylamine) molecules; used in chromatography

ethylene sulfide
(RN) 420-12-2
(SY) thiirane
(SY) divinylsulfide
(SY) divinyl sulfide
(HM) *SULFIDES
(II) AIR POLLUTANTS, OCCUPATIONAL
(NO) structure

ethylene thiuram monosulfide
(RN) 33813-20-6
(SY) ethylenebisdiisothiocyanato sulfide
(SY) ethylenebisthiuram monosulfide
(SY) endodan
(HM) *THIAZOLES
(PA) FUNGICIDES, INDUSTRIAL
(PA) HERBICIDES, CARBAMATE
(NO) breakdown product of ethylenebisdithiocarbamate; structure

ethylene urea
(RN) 120-93-4
(SY) 2-imidazolidinone
(HM) *IMIDAZOLES
(NO) used in manufacture of polymers, finishing agents for textiles & leather, in formulation of plasticizers, lacquers & adhesives; structure

ethylenevinylacetate copolymer
(RN) 24937-78-8
(SY) ethylene vinyl-acetate copolymer
(SY) Elvax 40P
(SY) elvax-40
(SY) elvax
(SY) cevilen
(SY) cevilene
(SY) sevilene
(HM) *POLYVINYLS

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ethylene vinyl-acetate copolymer see ethylenevinylacetate copolymer

ethylene-vinyl alcohol copolymer
(RN) 25067-34-9
(HM) *POLYVINYLS

ethylenimine see aziridine

4,4'-(1-ethyl-1,2-ethanediyl)bis-2,6-piperazinedione see ICRF 192

5-ethyl-5-(1-ethylpropyl)-2-thiobarbituric acid
(RN) 87171-21-9
(SY) EEPTB
(HM) THIOPENTAL/*analogs
(NO) structure given in first source

ethyl flucozepate see ethyl loflazepate

ethyl-8-fluoro-5,6-dihydro-5-methyl-6-oxo-4H-imidazo (1,5a)(1,4)benzodiazepine-3-carboxylate see RO 15-1788

1-ethyl-6-fluoro-1,4-dihydro-7-(4-methyl-1-piperazinyl)-4-oxo-3-quinolinecarboxylic acid see pefloxacine

1-ethyl-6-fluoro-1,4-dihydro-4-oxa-7-(1-piperazinyl)-1,8-naphthyridine-3-carboxylic acid see enoxacin

1-ethyl-6-fluoro-1,4-dihydro-4-oxo-7-(1H-pyrrol-1-yl) quinoline-3-carboxylic acid see pirfloxacin

ethylformic acid see propionic acid

ethyl-gag see ethylglyoxal bis(guanylhydrazone)

2-ethyl-3-(4-gamma-di-n-butylaminopropoxybenzoyl) indolizine see butoprozine

S-ethylglutathione
(RN) 24425-52-3
(SY) gamma-glutamyl-L-cysteinylglycyl ethyl ester
(SY) glutathione monoethyl ester
(HM) GLUTATHIONE/*analogs
(PA) RADIATION-PROTECTIVE AGENTS

ethyl glycinate see glycine ethyl ester

ethylglycol acetate
(RN) 111-15-9
(SY) ethoxyethyl acetate
(SY) ethylene glycol monoethyl ether acetate
(HM) *ETHYLENE GLYCOLS
(PA) TERATOGENS

ethylglycylxylidide see L-86

ethylglyoxal bis(guanylhydrazone)
(RN) 1945-68-2
(RR) 62580-88-5 (unspecified sulfate)
(SY) ethyl-gag
(SY) EEBG
(HM) MITOGUAZONE/*analogs
(PA) S-ADENOSYLMETHIONINE DECARBOXYLASE/antag
(NO) RN given refers to parent cpd

N-ethylguanidine
(RN) 503-69-5
(RR) 19341-54-9 (HCl)
(RR) 50693-82-8 (sulfate[1:1])
(RR) 3482-86-8 (sulfate[2:1])
(HM) *GUANIDINES
(NO) RN given refers to parent cpd

(ethyl p-(6-guanidinohexanoyloxy)benzoate) methanesulfonate see (ethyl 4-(6-guanidinohexanoyloxy)benzoate) methanesulfonate

(ethyl 4-(6-guanidinohexanoyloxy) benzoate)methanesulfonate
(RN) 56974-61-9
(RR) 56974-48-2 (14C-labeled cpd)
(SY) FOY
(SY) gabexate mesilate
(SY) epsilon-GCA-CEP
(SY) p-carbethoxyphenyl epsilon-guanidinocaproate
(SY) (ethyl p-(6-guanidinohexanoyloxy)benzoate) methanesulfonate
(SY) Foy 007
(SY) Foy-007
(HM) *GUANIDINES
(PA) PROTEASE INHIBITORS
(PA) PROSTAGLANDINS E/antag
(PA) ANTICOAGULANTS
(NO) RN given refers to methanesulfonate; RN for parent cpd not in Chemline 7/83; serine protease inhibitor

6-ethylguanine
(RN) 51866-19-4
(SY) O(6)-ethylguanine
(HM) GUANINE/*analogs
(NO) found in rat brain DNA

O(6)-ethylguanine see 6-ethylguanine

7-ethylguanine
(RN) 19530-88-2
(HM) GUANINE/*analogs

9-ethylguanine
(RN) 879-08-3
(HM) GUANINE/*analogs

7-ethylguanosine
(HM) *RNA CAP ANALOGS

ethylheptazine see ethoheptazine

1-ethyl-1,2,3,4,6,7-hexahydroindolo(2,3-a) quinolizinium perchlorate see 1-ethyl-1,2,3,4,6,7-hexahydroindolo(2,3-a) quinolizinium

1-ethyl-1,2,3,4,6,7-hexahydroindolo(2,3-a)quinolizinium
(RN) 46962-21-4
(SY) 1-ethyl-1,2,3,4,6,7-hexahydroindolo(2,3-a) quinolizinium perchlorate
(SY) EHIQ
(HM) *QUINOLIZINES
(NO) key intermediate in vincamine synthesis; structure given in first source

S-ethyl 1-hexamethyleneaminothiocarbamate see molinate

2-ethylhexanal
(RN) 123-05-7
(SY) EHALD
(HM) *ALDEHYDES
(NO) structure in first source

2-ethylhexanoic acid
(RN) 149-57-5
(HM) *HEXANOIC ACIDS
(NO) structure in first source

2-ethylhexanol
(RN) 104-76-7
(RR) 1070-10-6 (Ti(4+) salt)
(HM) *ALCOHOLS, HEXYL
(II) PLASTICIZERS

2-ethylhexyl acrylate
(RN) 103-11-7
(SY) acrylic acid 2-ethylhexyl ester
(HM) *ACRYLATES
(II) AIR POLLUTANTS, OCCUPATIONAL

2-ethylhexyl 2,4-dichlorophenoxyacetate
(RN) 1928-43-4
(SY) 2,4-D IOE
(HM) 2,4-DICHLOROPHENOXYACETIC ACID/*analogs
(PA) HERBICIDES
(NO) structure given in first source

2-ethylhexyldiphenylphosphate
(RN) 1241-94-7
(SY) di(2-ethylhexyl)phenylphosphate
(HM) *PHOSPHORIC ACID ESTERS
(II) AIR POLLUTANTS, ENVIRONMENTAL
(II) AIR POLLUTANTS, OCCUPATIONAL

2-ethylhexyl-p-methoxycinnamate see 2-ethylhexyl-4-methoxycinnamate

2-ethylhexyl-4-methoxycinnamate
(RN) 5466-77-3
(SY) heliopan new
(SY) 2-ethylhexyl-p-methoxycinnamate
(HM) *CINNAMATES
(II) SUNSCREENING AGENTS

2-ethylhexyl nitrate
(RN) 27247-96-7
(HM) *NITRATES

N-ethylhomocholine
(SY) N-monoethylhomocholine
(SY) MEHC
(HM) CHOLINE/*analogs

2-ethylhydracrylic acid
(RN) 4374-62-3
(SY) 2-ethyl-3-hydroxypropionic acid
(HM) *VALERATES
(NO) newly described urinary organic acid; structure

ethylhydrazinoacetate
(RN) 637-80-9
(HM) *HYDRAZINES

ethylhydrocupreine
(RN) 522-60-1
(RR) 3413-58-9 (mono-HCl)
(SY) optochine
(SY) optoquine
(SY) numoquin
(SY) optochin
(HM) QUININE/*analogs
(NO) structure; RN given refers to parent cpd

ethyl hydroperoxide
(RN) 3031-74-1
(HM) *PEROXIDES

ethyl-p-hydroxybenzoate
(RN) 120-47-8
(SY) ethyl paraben
(SY) p-hydroxybenzoic acid ethyl ester
(HM) *PARABENS
(NO) structure

N-ethyl-N-(4-hydroxybutyl)nitrosamine
(RN) 54897-62-0
(HM) *BUTYLHYDROXYBUTYLNITROSAMINE/analogs
(PA) CARCINOGENS
(NO) rapid & selective inducer of urinary bladder cancer in rats

ethyl N-hydroxycarbamate see N-hydroxyurethane

ethyl 4-hydroxy-6,7-diisobutoxy-3-quinolinecarboxylate see buquinolate

4-ethyl-5-hydroxy-3,5-dimethyl delta-3-pyrrolin- 2-one see 5-hydroxykryptopyrrolin-2-one

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13-ethyl-17-hydroxy-18,19-dinor-17 alpha-pregna-4,15-dien-20-yn-3-one see Gestodene

16 ethyl-17-hydroxy-4-estren-3-one see TSAA 291

N-ethyl-N-hydroxyethylnitrosamine
(RN) 13147-25-6
(SY) N-nitrosoethyl-2-hydroxyethylamine
(SY) N-ethyl-N-(2-hydroxyethyl)nitrosamine
(HM) DIETHYLNITROSAMINE/*analogs
(PA) CARCINOGENS

N-ethyl-N-(2-hydroxyethyl)nitrosamine see N-ethyl-N-hydroxyethylnitrosamine

3-ethyl-3-(4-hydroxylaminophenyl)-2,6-piperidinedione see hydroxylaminoglutethimide

2-ethyl-3-hydroxypropionic acid see 2-ethylhydracrylic acid

N-ethyl-N-(2-hydroxy-3-sulfopropyl)-3-toluidine
(SY) TOOS
(HM) *TOLUIDINES
(II) INDICATORS AND REAGENTS
(NO) structure given in first source

2-ethylidene-1,5-dimethyl-3,3-diphenylpyrrolidine
(RN) 30223-73-5
(RR) 66729-78-0 (perchlorate)
(RR) 61443-61-6 (perchlorate(+-)-isomer)
(RR) 31138-78-0 ((E)-isomer)
(RR) 31138-77-9 ((Z)-isomer)
(RR) 57195-65-0 ((+-)-isomer)
(SY) 1,5-dimethyl-3,3-diphenyl-2-ethylidenepyrrolidine
(HM) *PYRROLIDINES
(NO) cyclic methadone metabolite; RN given refers to parent cpd; structure

3-ethylidenedodecahydro-5-hydroxy-5,5-dimethyl(1,6-dioxacyclododecino(2,3,4gh)pyrrolizine-2,7-dione see platyphylline

ethylidene glucose
(RN) 13224-99-2
(HM) GLUCOSE/*analogs

ethylidene gyromitrin see gyromitrin

N(1')-ethylindirubin
(RN) 82355-81-5
(SY) antibiotic 79002
(SY) antibiotic-79002
(HM) INDOLES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) structure given in first source

ethyl iodostearate
(RN) 29611-66-3
(SY) duroliopaque
(HM) *IODIZED OILS
(II) CONTRAST MEDIA
(NO) mixture of ethyl esters of 9- & 10-iodostearic acid

ethyl isocyanide
(RN) 624-79-3
(HM) *NITRILES

ethylisopropylamiloride
(RN) 1154-25-2
(SY) 5-(ethylisopropyl)amiloride
(HM) AMILORIDE/*analogs
(NO) structure in first source

5-(ethylisopropyl)amiloride see ethylisopropylamiloride

ethyl isothiocyanate
(RN) 542-85-8
(HM) *THIOCYANATES

2-ethylisothiourea hydrobromide see etiron

ethylisothiuronium bromide see etiron

ethylketazocine see ethylketocyclazocine

ethylketocyclazocine
(RN) 58640-84-9
(RR) 84774-02-7 ((2R-(2alpha,6alpha,11S*))-isomer)
(RR) 70857-81-7 (methanesulfonate((2alpha,6alpha,11S*)-(+-))-isomer)
(RR) 36292-66-7 ((2alpha,6alpha,11S*)-isomer)
(RR) 36292-89-4 (methanesulfonate(2alpha,6alpha,11S*)-isomer)
(RR) 36292-63-4 (HCl(2alpha,6alpha,11R*)-isomer)
(RR) 71630-21-2 (((2alpha,6alpha,11S*)-(+))-isomer)
(RR) 71630-23-4 (HCl((2alpha,6alpha,11S*)-(+))-isomer)
(RR) 58918-32-4 ((2S-(2alpha,6alpha,11S*))-isomer)
(RR) 60183-11-1 (methanesulfonate(2S-(2alpha,6alpha,11S*))-isomer)
(SY) ethylketazocine
(SY) Win 35197-2
(SY) ethylketocyclazocine methanesulfonate
(HM) CYCLAZOCINE/*analogs
(PA) ANALGESICS, ADDICTIVE
(NO) RN given refers to ((2alpha,6alpha,11S*)-(+-))-isomer; RN for cpd without isomeric designation not in Chemline 7/83

ethylketocyclazocine methanesulfonate see ethylketocyclazocine

ethylketocyclazocine receptor see kappa receptor

ethyl lactate
(RN) 97-64-3
(RR) 7699-00-5 ((R)-isomer)
(RR) 687-47-8 ((S)-isomer)
(HM) *LACTATES
(NO) RN given refers to cpd with unspecified isomeric designation

ethyl linolenate
(RN) 1191-41-9
(SY) linolenic acid ethyl ester
(HM) *LINOLENIC ACIDS

ethyl loflazepate
(RN) 29177-84-2
(SY) CM 6912
(SY) ethyl flucozepate
(SY) Victan
(HM) *BENZODIAZEPINONES
(PA) BENZODIAZEPINE TRANQUILIZERS
(NO) structure given in first source

ethyl maleate see diethyl maleate

N-ethylmaleimide-cysteine
(RN) 60218-98-6
(SY) (L-Cys)-NEM
(SY) S-(ethylsuccinimido)-L-cysteine
(HM) ETHYLMALEIMIDE/*analogs
(HM) CYSTEINE/*analogs

N-ethylmaleimide-cysteinyl-glycine
(SY) (L-Cys-Gly)-NEM
(SY) S-(ethylsuccinimido)-L-cysteinyl-glycine
(HM) ETHYLMALEIMIDE/*analogs
(HM) *DIPEPTIDES

N-ethylmaleimide-gamma-glutamyl-cysteinyl-glycine
(RN) 60189-42-6
(SY) GCG-NEM
(SY) (gamma-Glu-L-Cys-Gly)-NEM
(SY) S-(ethylsuccinimido)-gamma-glutamyl-L-cysteinyl-glycine
(HM) ETHYLMALEIMIDE/*analogs
(HM) *OLIGOPEPTIDES

ethylmalonate see ethylmalonic acid

cis-(2-ethylmalonato)diammineplatinum II see JM 10

ethylmalonic acid
(RN) 601-75-2
(SY) ethylmalonate
(HM) *MALONATES

ethyl mercaptan see ethanethiol

ethylmercuric phosphate see ethylmercury phosphate

ethylmercury phosphate
(RN) 2235-25-8
(SY) ethylmercuric phosphate
(HM) *ETHYLMERCURY COMPOUNDS

ethylmercury-p-toluene sulfonanilide see granosan MDB

ethylmethacrylate see poly(ethylmethacrylate)

4-(ethyl-(4-methoxy alpha-methylphenethyl)aminobutyl veratrate see mebeverine

ethyl-7-(4-(2-methoxyphenyl)-1-piperazinyl)heptanoate dihydrochloride see SGB 483

ethyl 3-methoxyphenyl-4-thiazolyl-2-oxamate see F 1865

2-ethyl-2-methylamino-1,3-indanedione hydrochloride see methindione

N-ethyl-N-methylaniline
(RN) 613-97-8
(HM) *ANILINE COMPOUNDS

2-ethyl-2-methyl-4-butyrolactone
(RN) 31004-76-9
(SY) alpha-ethyl-alpha-methyl-gamma-butyrolactone
(SY) alpha-EMGBL
(HM) *4-BUTYROLACTONE/analogs
(PA) ANTICONVULSANTS
(NO) structure given in first source

13-ethyl-11-methylene-18,19-dinor-17 alpha-pregn-4-en-20-yn-17-ol see desogestrel

7-ethyl-8-methylflavin
(HM) RIBOFLAVIN/*analogs

ethylmethylglycinexylidide
(SY) EMGX
(HM) LIDOCAINE/*analogs

5-ethyl-5-(1'methyl-4'-hydroxybutyl)barbituric acid see 4'-hydroxypentobarbitone

2-ethyl-6-methyl-3-hydroxypyridine HCl see OP-6

2-ethyl-6-methyl-3-hydroxypyridine see 6-methyl-2-ethyl-3-hydroxypyridine

ethylmethylnitrosamine see methylethylnitrosamine

1-ethyl-6-methyl-2-oxoperhydro(1,2-c) piperazinopyrimidine see centperazine

2-ethyl-6-methyl-3-oxypyridine see 6-methyl-2-ethyl-3-hydroxypyridine

2-ethyl-3-methylpentamide see valnoctamide

4'-ethyl-2-methyl-3-piperidinopropiophenone
(RN) 56839-43-1
(SY) 4-EMPP
(SY) eperisone
(HM) *PROPIOPHENONES
(PA) MUSCLE RELAXANTS, CENTRAL
(PA) ANTICONVULSANTS

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5-ethyl-5-(1-methylpropyl)-2-thiobarbiturate, sodium salt see thiobutabarbital

ethyl-2-methylthio-4-methyl-5-pyrimidine carboxylate
(RN) 7234-25-5
(SY) EMTMPC
(SY) S-7
(SY) ethyl 2-methylthio-4-5-pyrimidinecarboxylate
(HM) *PYRIMIDINES

O-ethyl O-(4-(methylthio)phenyl) S-propylphosphorodithioate see sulprofos

ethyl 2-methylthio-4-5-pyrimidinecarboxylate see ethyl-2-methylthio-4-methyl-5-pyrimidine carboxylate

ethyl 4-(methylthio)m-tolyl isopropylphosphoroamidate see fenamiphos

3-ethyl-8-methyl-1,3,8-triazabicyclo(4,4,0)decan-2-one see centperazine

O-ethyl O-methyl O-2,4,5-trichlorophenyl phosphorothioate see trichlorometaphos-3

ethylmorphine O-deethylase
(RN) EC 1.-
(HM) *MIXED FUNCTION OXIDASES

ethylnicotinate
(RN) 614-18-6
(SY) nicotinic acid, ethyl ester
(HM) *NICOTINIC ACIDS

ethyl-N'-nitro-N-nitrosoguanidine see ENNG

ethyl 4-nitrophenyl methylphosphonate
(RN) 3735-98-6
(SY) ethyl para-nitrophenyl methylphosphonate
(SY) EPMP
(HM) *ORGANOPHOSPHORUS COMPOUNDS
(PA) CHOLINESTERASE INHIBITORS

3-ethyl-1-(3-nitrophenyl)-2,4(1H,3H)-quinazolinedione see TVX 2706

N-ethyl-N-nitrosourethane
(RN) 614-95-9
(SY) ENUR
(HM) NITROSOMETHYLURETHANE/*analogs
(PA) CARCINOGENS

1-ethyl-3-(5-nitro-2-thiazole)urea see nithiazide

ethyl oleate
(RN) 111-62-6
(RR) 6114-18-7 ((E)-isomer)
(HM) *OLEIC ACIDS
(NO) RN given refers to (Z)-isomer; RN for cpd without isomeric designation not in Chemline 7/83

6-ethyl-9-oxaergoline
(RN) 81244-91-9
(RR) 81274-86-4 ((5alpha,10beta)-isomer)
(RR) 77291-64-6 ((+-)-isomer)
(SY) 6-EOE
(HM) *ERGOLINES
(NO) potent dopamine agonist; RN given refers to parent cpd

2-ethyl-PAF see
1-O-alkyl-2-O-ethyl-sn-glyceryl-3-phosphorylcholine

ethyl palmitate
(RN) 628-97-7
(HM) *PALMITIC ACIDS

ethylpapaverine see ethaverine

ethyl paraben see ethyl-p-hydroxybenzoate

ethyl para-nitrophenyl methylphosphonate see ethyl 4-nitrophenyl methylphosphonate

ethyl phenacemide see ethylphenacemide

ethylphenacemide
(RN) 90-49-3
(RR) 6509-31-5 ((+-)-isomer)
(SY) pheneturide
(SY) (2-phenylbutyryl)urea
(SY) benuride
(SY) phenylethylacetylurea
(SY) ethyl phenacemide
(HM) UREA/*analogs
(PA) ANTICONVULSANTS
(NO) structure; RN given refers to parent cpd without isomeric designation

5-ethylphenazinium ethyl sulfate see phenazine ethosulfate

ethylphenidate
(RN) 57413-43-1
(HM) METHYLPHENIDATE/*analogs
(NO) structure given in first source

p-ethylphenol see 4-ethylphenol

4-ethylphenol
(RN) 123-07-9
(RR) 19277-91-9 (Na salt)
(SY) p-ethylphenol
(HM) *PHENOLS
(NO) RN given refers to parent cpd

3-(5-(4-ethylphenoxy)-3-methyl-3-pentenyl)-2,2-dimethyloxirane see ethylphenylepoxygeranyl ether

2-(4-ethylphenylalanine)deamino-6-carboxytocin see nacartocin

2-(4-ethylphenylalanine)oxytocin see oxytocin, 2-(4-ethyl-Phe)-

N-ethyl-3-phenylbicyclo(2.2.1)heptan-2-amine see fencamfamine

ethyl N-phenylcarbamate see phenylurethane

ethylphenylepoxygeranyl ether
(RN) 37571-83-8
(RR) 72657-66-0 ((R-(E)-isomer)
(RR) 41303-84-8 ((Z)-isomer)
(RR) 32766-80-6 ((E)-isomer)
(SY) ENT 70221
(SY) JTC-1
(SY) R-20458
(SY) T 181
(SY) 3-(5-(4-ethylphenoxy)-3-methyl-3-pentenyl)-2,2-dimethyloxirane
(SY) ENT-70221
(SY) JTC 1
(SY) R 20458
(SY) T-181
(HM) *TERPENES
(II) JUVENILE HORMONES
(NO) used as an insecticide; minor descriptor (75-85); on-line & Index Medicus search TERPENES (75-85); RN given refers to cpd without isomeric designation

ethyl 3-phenylglycidate
(RN) 121-39-1
(SY) 3-EPG
(HM) *EPOXY COMPOUNDS
(II) FLAVORING AGENTS
(NO) structure given in first source

ethylphenylhydantoin
(RN) 631-07-2
(RR) 65567-34-2 ((S)-isomer)
(RR) 65567-32-0 ((R)-isomer)
(RR) 57998-88-6 (4-(11)C-labeled cpd)
(RR) 2216-93-5 ((+-)-isomer)
(SY) desmethylmephenytoin
(SY) nirvanol
(SY) 5-ethyl-5-phenylhydantoin
(SY) normephenytoin
(HM) *MEPHENYTOIN/analogs
(PA) ANTICONVULSANTS
(NO) the name nirvanol may have been used for ethotoin; RN given refers to cpd without isomeric designation

5-ethyl-5-phenylhydantoin-N-glucuronide
(RN) 71562-63-5
(RR) 84415-82-7 ((S)-isomer)
(SY) nirvanol glucuronide
(HM) *MEPHENYTOIN/analogs
(NO) urinary metabolite of nirvanol; RN given refers to cpd without isomeric designation

5-ethyl-5-phenylhydantoin see ethylphenylhydantoin

N-ethyl-5-phenylisoxazolium-3'-sulfonate see Woodward's reagent K

3-(2-ethylphenyl)-5-(3-methoxyphenyl)-1H-1,2,4- triazole see DL 111

ethylphenylpropiolate
(RN) 2216-94-6
(HM) *ALKYNES
(NO) structure

O-ethyl O-phenyl S-propyl phosphorothioate see heterofos

5-ethyl-5-phenylpyrrolidinone
(RN) 3482-72-2
(RR) 3414-82-2 ((-)-isomer)
(RR) 5556-57-0 ((+-)-isomer)
(HM) *PYRROLIDINONES
(NO) RN given refers to parent cpd with unspecified isomeric designation

2-(4-ethyl-Phe)oxytocin see oxytocin, 2-(4-ethyl-Phe)-

cis-4-ethyl-L-picecolic acid amide of 7-deoxy-7(S) chloromethylthio lincosaminide hydrochloride see pirlimycin

9-N-ethylprolinamide-10-deglycinamide-LHRH see LHRH, N-Et-ProNH(2)(9)-des-GlyNH(2)(10)-

5-(ethylpropyl)amiloride
(SY) 5-ethylpropylamiloride
(HM) AMILORIDE/*analogs
(PA) DIURETICS

5-ethylpropylamiloride see 5-(ethylpropyl)amiloride

N-ethylprotoporphyrin IX
(RN) 80127-70-4
(HM) *PROTOPORPHYRINS
(NO) formed in dicarbethoxydihydrocollidine-treated rats

3-ethylpyridine
(RN) 536-78-7
(HM) *PYRIDINES
(NO) structure given in Merck

2-(5-ethylpyridin-2-yl)benzimidazole see KB 1043

N-(2'-ethylpyrrolidino)diphenylacetamide hydrochloride see F 1459

N-(ethyl-1-pyrrolidinyl- 2-methyl)methoxy-2-ethylsulfonyl-5-benzamide see sultopride

N-((1-ethyl-2-pyrrolidinyl)methyl)-2-methoxy-5-((methylamino)sulfonyl)benzamide see DO 710

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ethyl pyruvate
(RN) 617-35-6
(HM) *PYRUVATES
(PA) MUTAGENS
(II) FLAVORING AGENTS

N-(10)-ethylquinazoline
(RN) 64828-47-3
(HM) *QUINAZOLINES
(NO) RN given refers to cpd without locants for ethyl group; RN for 10-ethyl cpd not in Chemline 10/84

ethyl retinamide see vitamin A acid ethylamide

ethyl salicylate
(RN) 118-61-6
(SY) salicylic acid ethyl ester
(HM) *SALICYLATES
(II) IRRITANTS
(NO) causes erythema after topical application as an aerosol; found in blood

trans-8-ethylstyrene 7,8-oxide see beta-ethylstyrene oxide

S-(ethylsuccinimido)-L-cysteine see N-ethylmaleimide-cysteine

S-(ethylsuccinimido)-L-cysteinyl-glycine see N-ethylmaleimide-cysteinyl-glycine

S-(ethylsuccinimido)-gamma-glutamyl-L-cysteinyl- glycine see N-ethylmaleimide-gamma-glutamyl-cysteinyl-glycine

ethyl sulfate see diethyl sulfate

N-ethyl-N-(sulfinooxy)ethylamine see diethylamine hydrogen sulfite

4-ethylsulfonylnaphthalene-1-sulfonamide
(RN) 842-00-2
(HM) *NAPHTHALENES
(PA) CARCINOGENS
(NO) structure

1-(3-ethyl-5,6,7,8-tetrahydro-5,5,8,8-tetramethyl-2-naphthalenyl)ethanone see versalide

ethyl-p-(2-(5,6,7,8-tetrahydro-5,5,8,8-tetramethyl-2-naphthyl)-1-propenyl)benzoate see Ro 13-6298

ethyl 4-(2-(5,6,7,8-tetrahydro-5,5,8,8-tetramethyl-2-naphthyl)propenyl)phenylsulfone see Ro 15-1570

6-ethyl-3-(1H-tetrazol-5-yl)chromone
(RN) 50743-49-2
(SY) AA-344
(SY) AA 344
(HM) *CHROMONES
(NO) antiallergic agent; structure

7-ethyltheophyllineamphetamine see fenethylline

3-(ethylthio)alanine see S-ethylcysteine

O(6)-ethylthioethyldeoxyguanosine
(SY) OETEDG
(HM) DEOXYGUANOSINE/*analogs

S-2-ethylthioethyl-O,O-dimethylphosphorothiolate see demeton-S-methyl

4-ethylthymine
(RN) 10557-55-8
(SY) O(4)-ethylthymine
(HM) THYMINE/*analogs

O(4)-ethylthymine see 4-ethylthymine

O-ethyl-O-2,4,5-trichlorophenyl ethylphosphonothioate see Bayer 37289

ethyl-4-(3,4,5-trimethoxycinnamoyl)piperaxinyl acetate see cinepazet

1-ethyl-3-(3-(trimethylamino))propyl) carbodiimide
(RN) 22572-40-3
(SY) ETC carbodiimide
(HM) *ETHYLDIMETHYLAMINOPROPYL CARBODIIMIDE/analogs
(II) CROSS-LINKING REAGENTS
(NO) RN from first source refers to iodide; RN for parent cpd not in Chemline 7/29/83

ethyltrimethylammonium see trimethylethylammonium

ethyl-3,7,11-trimethyl-2,4-dodecadienoate see altozar

2-ethyltryptamine
(RN) 2235-90-7
(RR) 10215-73-3 ((+)-isomer)
(RR) 26330-11-0 (HCl)
(RR) 29854-42-0 (monoacetate(+-)-isomer)
(RR) 118-68-3 (monoacetate)
(RR) 23239-54-5 (monoacetate(-)-isomer)
(RR) 14030-13-8 (monoacetate(+)-isomer)
(RR) 1083-68-7 (acetate(+-)-isomer)
(SY) alpha-ethyltryptamine
(HM) *TRYPTAMINES
(NO) RN given refers to cpd without isomeric designation

ethyltyrosylarginine methyl ester
(SY) H-Tyr(Et)-D-Arg-OMe
(SY) TEDAM
(HM) *DIPEPTIDES
(PA) ANALGESICS
(NO) possesses dose-dependent antinociceptive activity

ethyltyrosyl-arginyl-phenylalanyl- glycine ethyl ester
(SY) TEDAPGE
(SY) H-Tyr(Et)-D-Arg-Phe-Gly-OEt
(HM) *OLIGOPEPTIDES
(PA) ANALGESICS
(NO) exhibited exceedingly potent antinociceptive activity in mice

ethylurea
(RN) 625-52-5
(HM) UREA/*analogs

ethyl vanillin
(RN) 121-32-4
(SY) 3-ethoxy-4-hydroxybenzaldehyde
(HM) *BENZALDEHYDES
(II) FLAVORING AGENTS

ethylvinylbenzene-divinylbenzene copolymer see wofatit Y 29

ethylvinylbenzene-methacrylic acid-divinylbenzene polymer see wofatit Y 55

ethylxanthate
(RN) 151-01-9
(RR) 140-89-6 (K salt)
(RR) 54885-70-0 (Co salt)
(RR) 140-90-9 (Na salt)
(SY) ethyl xanthogenate
(HM) *THIONES
(NO) RN given refers to parent cpd; structure

ethyl xanthogenate see ethylxanthate

ethyl xanthogen disulfide see dixanthogen

ethynerone
(RN) 3124-93-4
(HM) *NORPREGNADIENES
(II) PROGESTATIONAL HORMONES, SYNTHETIC

ethynodiol
(RN) 1231-93-2
(HM) ETHYNODIOL DIACETATE/*analogs

ethynyl biphenyl see 4-ethynylbiphenyl

4-ethynylbiphenyl
(RN) 29079-00-3
(SY) 4-biphenylacetylene
(SY) ethynyl biphenyl
(HM) *BIPHENYL COMPOUNDS
(NO) structure given in first source

1-ethynylcyclohexylcarbamate see ethinamate

5-ethynyl-2'-deoxyuridylate see 5-ethynyl-2'-deoxyuridylic acid

5-ethynyl-2'-deoxyuridylic acid
(RN) 79762-80-4
(SY) 5-ethynyl-2'-deoxyuridylate
(SY) 5-ethynyl-dUMP
(HM) *DEOXYURACIL NUCLEOTIDES
(PA) THYMIDYLATE SYNTHETASE/antag
(NO) thymidylate synthetase inhibitor; structure in first source

5-ethynyl-dUMP see 5-ethynyl-2'-deoxyuridylic acid

ethynyl estradiol glucuronide see ethinyl estradiol glucuronide

1-ethynylpyrene
(RN) 34993-56-1
(HM) *PYRENES
(PA) BENZOPYRENE HYDROXYLASE/antag
(NO) RN & structure given in first source; RN not in Chemline 12/84

ethypyrol see etipirol

ethyron see etiron

ETH 1001
(SY) ETH-1001
(HM) *DIAMINES
(NO) Ca++ carrier; structure given in first source

ETH-1001 see ETH 1001

eticlopride
(RN) 84226-12-0
(SY) 5-chloro-3-ethyl-N-((1-ethyl-2-pyrrolidinyl) methyl)-6-methoxysalicylamide
(SY) FLB 131
(SY) FLB-131
(SY) A 38503
(HM) *SALICYLAMIDES
(NO) blocks dopamine-D2 binding sites; structure given in first source; RN given refers to (S)-isomer; RN from USAN 1986; RN not in Chemline 9/85

eticlordifene see etofamide

etidin
(RN) 1149-23-1
(SY) 2,6-dimethyl-3,5-dicarbethoxy-1,4-dihydropyridine
(SY) diludine
(SY) diludin
(SY) ethidin
(HM) *DICARBETHOXYDIHYDROCOLLIDINE/analogs
(PA) MUTAGENS
(II) ANTIOXIDANTS
(NO) structure

5-etienic acid
(RN) 438-10-8
(HM) *ANDROSTENES

etifoxin see etafenoxine

etifoxine see etafenoxine

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etintidine
(RN) 69539-53-3
(RR) 71807-56-2 (HCl)
(HM) *IMIDAZOLES
(PA) HISTAMINE H2 RECEPTOR BLOCKADERS
(NO) RN given refers to parent cpd

etiocholanolone glucuronide see androsterone glucuronide

etiotrast see ethiotrast

etipirol
(RN) 13004-58-5
(SY) ethypyrol
(SY) isethirazol
(SY) ethipyrol
(SY) ethirazole
(SY) bis(methylamide)-1-ethylpyrazole-3,4-dicarboxylic acid
(SY) etirazol
(SY) ethirazol
(HM) *PYRAZOLES
(PA) ANTILIPEMIC AGENTS
(NO) stimulates short-term memory in dogs

etiracetam
(RN) 33996-58-6
(SY) alpha-ethyl-2-oxo-1-pyrrolidineacetamide
(SY) UCB 6474
(SY) UCB-6474
(HM) *PIRACETAM/analogs
(NO) nootropic drug; facilitates memory retrieval in rats

etirazol see etipirol

etiron
(RN) 2986-20-1
(RR) 1071-37-0 (mono-HBr)
(SY) ethyron
(SY) 2-ethylisothiourea hydrobromide
(SY) ethylisothiuronium bromide
(HM) ISOTHIURONIUM/*analogs
(PA) HYPNOTICS AND SEDATIVES
(PA) VASOCONSTRICTOR AGENTS
(NO) RN given refers to parent cpd; structure

etiroxat see etiroxate

etiroxate
(RN) 17365-01-4
(RR) 35530-07-5 ((L)-isomer)
(RR) 55327-22-5 (HCl(DL)-isomer)
(SY) CG 635
(SY) skleronorm
(SY) DL-alpha-methylthyroxine ethyl ester
(SY) etiroxat
(HM) THYROXINE/*analogs
(NO) RN given refers to (DL)-isomer; RN for cpd without isomeric designation not in Chemline 7/83

Etizolam
(RN) 40054-69-1
(RR) 67958-07-0 (14C-labeled cpd)
(HM) DIAZEPAM/*analogs
(PA) TRANQUILIZING AGENTS
(NO) structure given in first source

etmozin see moracizin

etmozin diethylamine see diethylamino-ethmozine

1,2-ETN see 1,2-epoxy-1,2,3,4-tetrahydronaphthalene

ET-18-OCH(3) see 1-octadecyl-2-methylglycero-3-phosphocholine

etoclofene
(RN) 29098-15-5
(RR) 87249-11-4 ((+)-isomer)
(RR) 87226-41-3 ((-)-isomer)
(RR) 87226-38-8 ((+,-)-isomer)
(SY) AJ
(SY) terofenamate
(HM) *MECLOFENAMIC ACID/analogs
(PA) ANTI-INFLAMMATORY AGENTS
(PA) ANTI-INFLAMMATORY AGENTS, TOPICAL
(NO) ethoxymethyl ester of meclofenamic acid; non-steroidal topical anti-inflammatory agent; structure; RN given refers to parent cpd without isomeric designation

etodolac see etodolic acid

etodolic acid
(RN) 41340-25-4
(RR) 87249-11-4 ((+)-isomer)
(RR) 87226-41-3 ((-)-isomer)
(RR) 87226-38-8 ((+-)-isomer)
(SY) AY 24236
(SY) etodolac
(HM) *ACETIC ACIDS
(PA) ANALGESICS, ANTI-INFLAMMATORY
(NO) structure; RN given refers to parent cpd without isomeric designation

etofamide
(RN) 25287-60-9
(SY) etophamide
(SY) eticlordifene
(SY) kitnos
(HM) *ACETAMIDES
(PA) AMEBICIDES
(NO) structure

etofenamate
(RN) 30544-47-9
(SY) Rheumon Gel
(SY) 2-(2-hydroxyethoxy)-ethyl-N-(alpha,alpha,alpha-trifluoro- m-tolyl)anthranilate
(HM) FLUFENAMIC ACID/*analogs
(PA) ANTI-INFLAMMATORY AGENTS, TOPICAL
(PA) ANTIPYRETICS
(NO) structure

etofibrate
(RN) 31637-97-5
(RR) 56775-91-8 (HCl)
(SY) Lipo-Merz
(HM) CLOFIBRIC ACID/*analogs
(PA) ANTILIPEMIC AGENTS
(PA) ANTICHOLESTEREMIC AGENTS
(NO) analog of clofibrate with nicotinic acid substituted on the 2-carbon of the ethyl ester group; structure; RN given refers to parent cpd

etofyllinclofibrate
(RN) 54504-70-0
(SY) etofylline clofibrate
(SY) ML 1024
(SY) Duolip
(HM) CLOFIBRATE/*analogs
(PA) ANTILIPEMIC AGENTS
(NO) whole issue; structure given in first source

etofylline
(RN) 519-37-9
(SY) aethophyllinum
(SY) 7-(2-hydroxyethyl)theophylline
(SY) oxyphylline
(SY) oxyethyltheophylline
(SY) etophylline
(HM) THEOPHYLLINE/*analogs
(NO) structure

etofylline clofibrate see etofyllinclofibrate

etomidoline see amidoline

etonil see ethonium

etonium see ethonium

etoperidone
(RN) 52942-31-1
(RR) 57775-22-1 (mono-HCl)
(SY) (1,3-(4-m-chlorophenyl-1-piperazinyl)propyl)-3,4-diethyl-delta(2)-1,2,4-triazolin-5-one
(HM) TRAZODONE/*analogs
(PA) ANTIDEPRESSIVE AGENTS
(NO) RN given refers to parent cpd

etophamide see etofamide

etophyllin see acefyllin piperazinate

etophylline see etofylline

etoprine
(RN) 18588-57-3
(SY) BW 2760
(SY) DDEP
(SY) ethodichlorophen
(HM) PYRIMETHAMINE/*analogs
(PA) ANTINEOPLASTIC AGENTS

etozolin
(RN) 73-09-6
(RR) 53-90-7 (mono-HCl)
(SY) Go-687
(SY) Elkapin
(HM) *THIAZOLES
(PA) DIURETICS
(PA) ANTIHYPERTENSIVE AGENTS
(NO) RN given refers to parent cpd; structure

Et2Pb(2+) see diethyllead

etpenal see ethpenal

2-(4-Et-Phe)deamino-6-carbaoxytocin see nacartocin

etrafon-D
(SY) longopax
(HM) *PERPHENAZINE
(HM) *AMITRIPTYLINE
(HM) DRUG COMBINATIONS

etridiazol
(RN) 2593-15-9
(SY) terrazole
(SY) ethazole
(HM) *THIADIAZOLES
(PA) ANTIFUNGAL AGENTS
(PA) FUNGICIDES, INDUSTRIAL
(NO) structure

etrimfos
(RN) 38260-54-7
(SY) SAN 197
(SY) ENT 29126
(SY) ekamet
(HM) *THIOPHOSPHORIC ACID ESTERS
(PA) INSECTICIDES, ORGANOTHIOPHOSPHATE
(NO) structure

2-EtTMPG see guanosine 5'-phospho-2-ethylimidazolide

eucalyptol see cineole

eucapercha see euchapercha

eucerin
(RN) 8036-49-5
(HM) *OINTMENT BASES
(NO) ointment base administered with topical insulin; shown to be antagonistic to wound healing; no other info available 1/5/84

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euchapercha
(SY) gutta percha-euchapercha
(SY) eucapercha
(HM) MENTHOL/*analogs
(HM) *GUTTA-PERCHA
(HM) DRUG COMBINATIONS
(NO) combination of gutta-percha & eucalyptol

euchromatin
(HM) *CHROMATIN
(NO) that state of chromatin in which it stains lightly, is genetically active & is considered to be partially or fully uncoiled

euchrysine
(RN) 10127-02-3
(HM) *AMINOACRIDINES
(II) FLUORESCENT DYES
(NO) RN given refers to euchrysine 3RX

Euclist see benfurodil

EUC-Leu-beta-Ala-NH2 see 2-oxoimidazolidine-1-carboxylic acid-leucyl-beta-alaninamide

Euclidan see nicametate

euclorina see chloramine-T

Eudilat see benfurodil

eudispert
(RN) 25086-15-1
(SY) polymethacrylic acid methyl ester
(SY) vitan-2M
(HM) *ACRYLIC RESINS
(II) OINTMENTS
(NO) methacrylic acid polymer with methyl methacrylate

eudragit L 30 D see Eudragits

Eudragits
(RN) 26589-39-9
(SY) eudragit L 30 D
(HM) *ACRYLIC RESINS
(NO) retard release of nitroglycerin from granules

Eugynon see stediril

eukaryotic Class-B transcription factor see RNA polymerase stimulatory factors

eukaryotic initiation factor 2alpha kinase see eIF-2 kinase

eukaryotic initiation factor eif-4A see eIF-4A

eukaryotic initiation factor 2 stimulating protein see eIF-2 stimulating protein

eukaryotic initiation factor-4D see eIF-4D

eulan asept
(RN) 64719-51-3
(HM) *ANTISEPTICS
(NO) no other information available 4/6/84

Eulan WA new
(RN) 55069-01-7
(HM) *CHLOROPHENOLS
(PA) INSECTICIDES
(NO) mixture of polychloro-2-(chloromethylsulfonamido)diphenyl ethers in propylene glycol used as moth-proofing agent

eumelanin
(RN) 12627-86-0
(HM) *MELANINS
(NO) melanin pigment synthesized in mammals; cpd is found in brown-black hair

eumovate see clobetasone butyrate

eunalgit
(RN) 8015-13-2
(SY) Cibalgin
(HM) *AMINOPYRINE
(HM) *ALLOBARBITAL
(HM) DRUG COMBINATIONS

eunarcon see pronarcon

euparen see dichlofluanid

eupatilin
(RN) 22368-21-4
(SY) 5,7-dihydroxy-3',4',6-trimethoxyflavone
(HM) *FLAVONES
(II) PLANTS, MEDICINAL
(NO) isolated from Artemisia argyi

eupaverin
(RN) 10539-19-2
(RR) 1163-37-7 (HCl)
(RR) 1921-33-1 (sulfate[1:1])
(SY) moxaverine
(SY) kollateral
(HM) PAPAVERINE/*analogs
(PA) PARASYMPATHOLYTICS
(NO) RN given refers to parent cpd; structure

Eurax see crotamiton

Euro-Collins' solution
(SY) Euro-Collins solution
(HM) *HYPERTONIC SOLUTIONS
(NO) solution of 355.0 mOsm./l compared to 320.0 for Collins; used for predervation of ischemic canine kidney

Euro-Collins solution see Euro-Collins' solution

eusaprim see Bactrim

Eusol
(RN) 8047-82-3
(HM) *ANTI-INFECTIVE AGENTS
(NO) no other info available 5/21/80

eusolex 6300
(RN) 38102-62-4
(RR) 36861-47-9 ((+-)-isomer)
(SY) eusolex-6300
(HM) CAMPHOR/*analogs
(II) SUNSCREENING AGENTS
(NO) RN given refers to parent cpd; structure in first source

eusolex-6300 see eusolex 6300

Euspirax see cholinophyllin

eustidil see haloxon

Eutanol G
(RN) 6283-92-7
(SY) dodecyl 2-hydroxypropionate
(SY) 2-hydroxypropionic acid dodecyl ester
(HM) *PROPIONATES
(NO) causes contact dermititis

Eutectic Mixture of Local Anesthetics see EMLA

euthyral
(RN) 8061-58-3
(RR) 8065-29-0 (mono-Na salt)
(SY) thyreotom
(SY) novothyral
(SY) liotrix
(SY) thyrolar
(SY) euthyroid
(HM) *TRIIODOTHYRONINE
(HM) *THYROXINE
(HM) DRUG COMBINATIONS
(NO) RN given refers to parent cpd

euthyroid see euthyral

eutonal see Entonox

eutrophyl see tocopherylquinone

EU-2972 see diclonium bromide

EU-4534 see flurfamide

EVAC
(SY) CAVE
(HM) PODOPHYLLOTOXIN
(HM) VINCRISTINE
(HM) DOXORUBICIN
(HM) CYCLOPHOSPHAMIDE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

E-VA-16 see indanazolin

Evening primrose oil see Efamol

everninomycins
(RN) 53024-98-9
(HM) GLYCOSIDES
(PA) ANTIBIOTICS

evex see estrone sulfate

evicrol
(RN) 63346-22-5
(HM) *COMPOSITE RESINS
(II) DENTAL MATERIALS
(NO) composite filling material; no other information available 2/28/80

evisect
(RN) 31895-21-3
(RR) 75655-75-3 (HCl)
(RR) 31895-22-4 (oxalate[1:1]salt)
(SY) evisekt
(HM) *DIMETHYLAMINES
(PA) INSECTICIDES
(NO) RN given refers to parent cpd

evisekt see evisect

EW 1 see EW-1

EW-1
(RN) 29739-76-2
(RR) 72884-74-3 (iodide(Z)-isomer)
(SY) N-p-phenylazophenylcarbamylcholine iodide
(SY) EW 1
(HM) CARBACHOL/*analogs
(II) INDICATORS AND REAGENTS
(NO) photoisomerizable;structure; RN given refers to iodide without isomeric designation;RN for parent cpd not in Chemline 6/84

Exact
(RN) 67712-72-5
(HM) *COMPOSITE RESINS
(II) DENTAL MATERIALS
(NO) no other information available

exaprolol
(RN) 55837-19-9
(RR) 80551-64-0 (sulfate)
(RR) 59333-90-3 (hydrochloride)
(SY) MG 8823
(SY) VUL-111
(HM) *PROPANOLAMINES
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS
(NO) structure; RN given refers to parent cpd

EXD see dixanthogen

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exepanol
(RN) 77416-65-0
(SY) KC 2450
(SY) KC-2450
(SY) 2,3,4,5,-tetrahydro-3-(methylamino)-1-benzoxepin-5-ol
(HM) *BENZOXEPINS
(NO) RN & structure given in USAN; RN not in Chemline 5/85; RN given refers to (cis)-isomer

exo-1,3-alpha-glucanase
(RN) EC 3.2.1.84
(SY) alpha-(1-3)glucan hydrolase
(SY) mutanase
(SY) alpha-1-3-glucan, 3-glucanohydrolase
(SY) S-glucanase
(SY) 1,3-alpha-glucanase
(HM) *GLYCOSIDE HYDROLASES
(NO) for mutanase consider also EC 3.2.1.59, endo-1,3-alpha-glucanase

exo-1,6-alpha-glucosidase
(RN) EC 3.2.1.70
(RR) 37288-48-5 (CRN)
(SY) 1,6-alpha-D-glucan glucohydrolase
(SY) dextran-glucosidase
(SY) glucodextranase
(SY) exo-dextranase
(HM) *GLUCOSIDASES

exo-2-aminobenzonorbornene see 2-aminobenzonorbornene

exo-beta-D-fructosidase see fructan beta-fructosidase

exo-1,4-beta-glucanases see exo-cellobiohydrolase

exo-beta-1,4-glucanase
(RN) EC 3.2.1.74
(RR) 37288-52-1 (CRN)
(SY) exo-1,4-beta-glucosidase
(HM) *BETA-GLUCOSIDASES

exo-1,3 beta-D-glucosidase
(RN) EC 3.2.1.58
(RR) 9073-49-8 (CRN)
(SY) beta-(1-3)-glucanase
(HM) *BETA-GLUCOSIDASES

exo-1,4-beta-glucosidase see exo-beta-1,4-glucanase

exo-1,4-beta-D-xylosidase
(RN) EC 3.2.1.37
(RR) 9025-53-0 (CRN)
(SY) beta-xylosidase
(SY) 1,4 beta-xylan xylohydrolase
(HM) *XYLOSIDASES

1-(2-exo-bicyclo(2,2,1)hept-2-ylphenoxy)-3- ((1-methylethyl)amino)-2-propanol see FM 24

exo-cellobiohydrolase
(RN) EC 3.2.1.91
(RR) 37329-65-0 (CRN)
(SY) exo-cellulase
(SY) C1-cellulase
(SY) 1,4-beta-D-glucan cellobiohydrolase avicelase
(SY) cellobiohydrolases
(SY) exo-1,4-beta-glucanases
(HM) *GLYCOSIDE HYDROLASES

exo-cellulase see exo-cellobiohydrolase

exochelins
(HM) *PEPTIDES, CYCLIC
(II) IRON CHELATES
(NO) functional extracellular iron-binding agent; water-soluble iron-binding cpds from Mycobacteria; major component a cyclic hexapeptide containing 3 mol of epsilon N-acetyl-epsilon-N-hydroxylysine; structure

exodeoxyribonuclease brain III see DNase brain III

exodeoxyribonuclease I
(RN) EC 3.1.11.1
(SY) exonuclease I
(SY) E. coli exonuclease I
(HM) *EXODEOXYRIBONUCLEASES
(NO) exonucleolytic cleavage in the 3' to 5' direction to yield 5'-phosphomononucleotides; preference for single-stranded DNA; E.coli enzyme hydrolyzes glucosylated DNA

exodeoxyribonuclease III
(RN) EC 3.1.11.2
(SY) exonuclease III
(HM) *EXODEOXYRIBONUCLEASES

exodeoxyribonuclease IV
(RN) EC 3.1.11.-
(HM) *EXODEOXYRIBONUCLEASES
(NO) 5'-3' exonuclease degrading double-stranded DNA from intra-strand nicks; from rat liver chromatin; excises apurinic sites from depurinated DNA

exodeoxyribonuclease (lambda-induced)
(RN) EC 3.1.11.3
(SY) lambda exonuclease
(HM) *EXODEOXYRIBONUCLEASES
(NO) MW 24k; yields 5'-phosphomononucleotides by exonucleolytic cleavage in the 5'-3' direction; prefers double stranded DNA; formerly EC 3.1.4.28 (before 1978)

exodeoxyribonuclease V
(RN) EC 3.1.11.5
(SY) recBC DNase
(SY) exonuclease V
(SY) DNase V
(SY) deoxyribonuclease V
(SY) 3'-5'-exonuclease
(SY) 5'-3'-exonuclease
(SY) Novikoff heptoma factor IV
(SY) ATP dependent DNASE
(SY) recBC protein
(SY) rec BC deoxyribonuclease
(SY) recBC deoxyribonuclease
(SY) recB protein
(SY) recC protein
(HM) *EXODEOXYRIBONUCLEASES

exodeoxyribonuclease VII
(RN) EC 3.1.11.6
(SY) E coli exonuclease VII
(SY) exonuclease VII, E coli
(HM) *EXODEOXYRIBONUCLEASES
(NO) exonucleolytic cleavage in either 5' to 3' or 3' to 5' direction to yield 5'-phosphomononucleotides; preference for single-stranded DNA

exodeoxyribonuclease VIII
(RN) EC 3.1.11.-
(SY) E coli exonuclease VIII
(SY) recE gene product
(SY) recE protein
(HM) *EXODEOXYRIBONUCLEASES
(NO) ATP-dependent

exo-dextranase see exo-1,6-alpha-glucosidase

exo-2,3-dimethoxy-N-(8-(phenylmethyl)-8-azabicyclo(3.2.1)oct-3-yl)benzamide see tropapride

exoenzyme S see ADP ribosyltransferase

7-exo-ethyl-5-methyl-6,8-dioxabicyclo(3.2.1)-3-octene see 3,4-dehydrobrevicomin

(1R-(exo,exo))-8-methyl-3-phenyl-8-azabicyclo(3.2.1) octane-2-carboxylic acid methyl ester see Win 35,065

exolan see triacetyldithranol

exomycol see phenylmercury borate

exonuclease A see deoxyribonuclease A

exonuclease A5 see phosphodiesterase I

exonuclease I see exodeoxyribonuclease I

exonuclease III see exodeoxyribonuclease III

exonuclease V see exodeoxyribonuclease V

exonuclease VII, E coli see exodeoxyribonuclease VII

3'-5'-exonuclease see exodeoxyribonuclease V

5'-exonuclease see phosphodiesterase I

5'-3'-exonuclease see exodeoxyribonuclease V

exopectate lyase see exopolygalacturonate lyase

exopeptidase see exoproteases

exopeptidases see exoproteases

exo-3-phenylbicyclo(3.2.1)oct-3-en-2-amine see 3-phenylbicyclo(3.2.1)oct-3-en-2-amine

exophthalmos producing substance
(RN) 9013-46-1
(HM) *THYROTROPIN
(NO) minor descriptor (65-72); major descriptor (73-85); on-line search THYROTROPIN (66-85); Index Medicus search EXOPHTHALMOS PRODUCING SUBSTANCE (73-85)

exopolygalacturonate lyase
(RN) EC 4.2.2.9
(SY) exopectate lyase
(HM) *POLYSACCHARIDE-LYASES

exopolyphosphatase
(RN) EC 3.6.1.11
(RR) 9024-85-5 (CRN)
(SY) polyphosphate phosphohydrolase
(HM) *PHOSPHATASES

exoproteases
(RN) EC 3.4.-
(SY) exopeptidases
(SY) exopeptidase
(HM) *PEPTIDE HYDROLASES

exoribonuclease see ribonuclease II

exoribonuclease T
(RN) EC 3.1.13.-
(SY) RNase T
(SY) ribonuclease T
(HM) *EXORIBONUCLEASES
(NO) initiates attack at 3' hydroxyl terminus of tRNA releasing AMP in random mode of hydrolysis; optimally active at pH 8-9; requires divalent cation

2',3'-exoribonuclease see poly A specific exoribonuclease

3'-exoribonuclease see poly A specific exoribonuclease

exorphin see exorphins

exorphins
(RN) 69989-30-6
(SY) exorphin
(HM) *PEPTIDES
(NO) found in wheat gluten

exotoxin A see Pseudomonas aeruginosa exotoxin A

exotoxin A, Pseudomonas, receptor see Pseudomonas exotoxin receptor

experimental MPC-12 see MPC (Dental Cement)

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EXP 561
(RN) 10206-89-0
(RR) 10207-08-6 (unspecified HCl)
(RR) 16142-83-9 (unspecified HCl monohydrate)
(SY) EXP-561
(HM) *BICYCLO COMPOUNDS
(NO) inhibitor of 5-HT uptake; RN given refers to parent cpd

EXP-561 see EXP 561

extensin
(HM) *GLYCOPROTEINS
(II) PLANT PROTEINS
(II) VEGETABLE PROTEINS
(NO) plant cell wall insoluble hydroxyproline-rich glycoprotein; from tomato (Lycopersicon esculentum Mill)

exterol see proxigel

extracellular slime glycolipoprotein see glycolipoprotein, extracellular slime

extractable nuclear antigens see nuclear antigens

extrelut
(RN) 68445-07-8
(HM) *RESINS
(II) SOLVENTS

exypaque see iohexol

eye-derived growth factor
(SY) EDGF
(SY) retina derived growth factor
(HM) *GROWTH SUBSTANCES
(II) EYE/physiol
(NO) derived from retina; controls proliferation & shape of adult bovine epithelial lens cells in vitro & extracellular matrix assembly

4,7,10,13-EYTA see 4,7,10,13-eicosatetraynoic acid

ezomycin
(RN) 58572-97-7
(RR) 60182-25-4 (ezomycin B)
(RR) 60182-24-3 (ezomycin A)
(RR) 58002-06-5 (ezomycin C1)
(RR) 57973-16-7 (ezomycin B2)
(RR) 57973-15-6 (ezomycin D1)
(RR) 57973-14-5 (ezomycin C2)
(RR) 57973-11-2 (ezomycin D2)
(RR) 54328-22-2 (ezomycin A2)
(RR) 39422-20-3 (ezomycin B1)
(RR) 39422-19-0 (ezomycin A1)
(SY) ezomycin A
(SY) ezomycin A1
(SY) ezomycin A2
(SY) ezomycin B
(SY) ezomycin B1
(SY) ezomycin B2
(SY) ezomycin C1
(SY) ezomycin C2
(SY) ezomycin D2
(SY) ezomycin D1
(HM) NUCLEOSIDES
(PA) ANTIBIOTICS, ANTIFUNGAL
(NO) group of antifungal antibiotics produced by Streptomyces

ezomycin A see ezomycin

ezomycin A1 see ezomycin

ezomycin A2 see ezomycin

ezomycin B see ezomycin

ezomycin B1 see ezomycin

ezomycin B2 see ezomycin

ezomycin C1 see ezomycin

ezomycin C2 see ezomycin

ezomycin D1 see ezomycin

ezomycin D2 see ezomycin

E 0702
(RN) 77768-57-1
(SY) E-0702
(HM) *CEPHALOSPORINS
(NO) structure given in first source

E-0702 see E 0702

E 0712 see 4-(3,7,11,15-tetramethyl-6,10,14-hexadecatrienoyl) morpholine

E-0712 see 4-(3,7,11,15-tetramethyl-6,10,14-hexadecatrienoyl) morpholine

E 110 see FD & C Yellow No. 6

E-111 see E 111

E 111
(RN) 2347-72-0
(SY) orange no.1
(SY) orange GGN
(SY) L-orange 1
(SY) C.I. food orange 2
(SY) C.I. 15980
(SY) E-111
(HM) *AZO COMPOUNDS
(II) DYES
(II) FOOD COLORING AGENTS
(NO) isomer of E 110; structure

E 124 see new coccine

E 1487
(RN) 78014-14-9
(SY) E-1487
(SY) 1-(4-(pyrrolidinoethoxy)phenyl)-2-phenyl-5-methoxyindan
(SY) 1-(2-(4-(2,3-dihydro-5-methoxy-2-phenyl-1H-inden-1-yl)phenoxy)ethyl)pyrrolidine
(HM) *PYRROLIDINES
(II) CONTRACEPTIVES, POSTCOITAL, SYNTHETIC
(NO) RN given refers to (trans)-isomer; RN for cpd without isomeric designation not in Chemline 4/84

E-1487 see E 1487

E39 see inproquone

E 5166 see 3,7,11,15-tetramethyl-2,4,6,10,14-hexadecapentaenoic acid

E5166 see 3,7,11,15-tetramethyl-2,4,6,10,14-hexadecapentaenoic acid

E614 see tripamide

E 614 see tripamide

E 64 see E-64

E-64
(RN) 66701-25-5
(SY) N-(N-(L-3-trans-carboxyoxirane-2-carbonyl)-L-leucyl)agmatine
(SY) E 64
(SY) L-trans-epoxysuccinyl-leucyl-amido(4-guanidino) butane
(HM) LEUCINE/*analogs
(PA) PROTEASE INHIBITORS
(NO) thiol protease inhibitor of microbial origin, which inhibits cathepsin B (EC 3.4.22.1) and cathepsin L (EC 3.4.22.-)

E 64a see EP 459

E-64a see EP 459

E 64c see E-64-c

E 64-c see E-64-c

E-64c see E-64-c

E-64-c
(RN) 76684-89-4
(RR) 87508-84-7 (mono-Na salt(2-S-(2alpha,3beta)(R*)-isomer)
(SY) N-(N-(3-carboxyoxirane-2-carbonyl)leucyl) isoamylamine
(SY) N-(N-(L-3-transcarboxyoxirane-2-carbonyl)-L-leucyl)-3-methylbutylamine
(SY) E-64c
(SY) E 64c
(SY) N-(N-(L-3-trans-carboxyoxirane-2-carbonyl)-L-leucyl)isoamylamine
(SY) EP-475
(SY) E 64-c
(HM) LEUCINE/*analogs
(PA) PROTEASE INHIBITORS
(NO) inhibits calcium-activated neutral protease; see also record for E-64; RN given refers to (2-S-(2alpha,3beta)(R*)-isomer); RN for cpd without isomeric designation not in Chemline 6/84

E 643 see E-643

E643 see E-643

E-643
(RN) 52712-76-2
(SY) 4-amino-2-(4-butanoylhexahydro-1H-1,4-diazepin-1-yl)-6,7-dimethoxyquinazoline HCl
(SY) E 643
(SY) E643
(HM) *QUINAZOLINES
(PA) ADRENERGIC ALPHA RECEPTOR BLOCKADERS
(NO) structure

E 696 see E696

E-696 see E696

E696
(RN) 55620-96-7
(SY) 3-(3,4-dihydro-6-methoxy-2-naphthyl)-2,2-dimethylpentanoic acid
(SY) E 696
(SY) E-696
(HM) *NAPHTHALENES
(II) ESTROGENS, SYNTHETIC
(NO) structure

FAB
(HM) FLUOROURACIL
(HM) DOXORUBICIN
(HM) CARMUSTINE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

fabahistin see diazoline

fabric softeners
(HM) *SURFACE-ACTIVE AGENTS

FAC see CAF

Facb immunoglobulins see immunoglobulin, Facb

FAC dehalogenase see fluoroacetate-specific dehalogenase

FACP
(HM) FTORAFUR
(HM) CYCLOPHOSPHAMIDE
(HM) DOXORUBICIN
(HM) CISPLATIN
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above 4 cpds

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F-actin-binding protein see F-actin-binding proteins

F-actin-binding proteins
(SY) TW 260-240
(SY) F-actin-bundling 55K protein
(SY) F-actin-binding protein
(HM) *CARRIER PROTEINS
(HM) *MICROFILAMENT PROTEINS
(II) ACTIN

F-actin-bundling 55K protein see F-actin-binding proteins

D factor see D-factor

D-factor
(SY) myeloid differentiation-stimulating factor
(SY) differentiation-stimulating factor
(SY) D factor
(SY) myeloid growth-inducing protein
(SY) T-lymphocyte-derived differentiation inducing factor
(HM) *GLYCOPROTEINS
(NO) induces mouse myeloid leukemic M1 cells to differentiate into macrophages & granulocytes in vitro; MW appr. 67,000; different from colony-stimulating factor

factor X antigen
(SY) antigen, factor X
(HM) *FACTOR X
(HM) *ANTIGENS

M-B factor see muscle relaxing factor

factor beta1H see beta-1H

factor V clotting activity see factor V clotting antigen

factor V clotting antigen
(SY) factor V-c
(SY) factor Vc
(SY) factor V clotting activity
(HM) FACTOR V/*immunol

L Factor (E coli) see gene proteins, bacterial

factor H, complement regulating protein see beta-1H

factor I, complement regulatory protein see factor I, C 3b inactivator

factor EF-P
(SY) EF-P
(SY) elongation factor P
(HM) *PEPTIDE ELONGATION FACTORS
(NO) a nonribosomal (soluble) protein of E coli that stimulates peptide bond synthesis with certain aminoacyl-tRNA analogs

factor F430
(RN) 73145-13-8
(SY) F(430)
(SY) factors F430
(HM) *NICKEL
(HM) *METALLOPROTEINS
(NO) low mol wt nickel-containing cpd from Methanobacterium

Factor IIa
(RN) 9002-04-4
(HM) *PROTHROMBIN
(NO) inhibited by antithrombin III

factor III(Glc)
(SY) factor IIIGlc
(SY) glucose-specific enzyme III
(HM) *PHOSPHOPROTEINS
(II) PHOSPHOENOLPYRUVATE SUGAR PHOSPHOTRANSFERASE SYSTEM

factor IIIGlc see factor III(Glc)

factor III(lac)
(SY) Factor IIIlac
(HM) *PHOSPHOPROTEINS
(II) PHOSPHOENOLPYRUVATE SUGAR PHOSPHOTRANSFERASE SYSTEM
(II) CARRIER PROTEINS
(NO) trimeric phospho-carrier protein in Staph aureus

Factor IIIlac see factor III(lac)

factor I, C3B inactivator see factor I, C 3b inactivator

factor I, C 3b inactivator
(RN) EC 3.4.21.-
(SY) C3b inactivator factor I
(SY) factor I, complement regulatory protein
(SY) factor I, C3B inactivator
(HM) *PEPTIDE PEPTIDOHYDROLASES
(II) COMPLEMENT 3B INACTIVATORS
(NO) serine protease which cleaves C3b resulting in permanent inactivation, but cannot cleave fluid phase of C3b without factor H

Factor IXa see Factor IX, activated

Factor IX, activated
(SY) activated Factor IX
(SY) autoplex
(SY) Factor IX a beta
(SY) Factor VIII inhibitory bypass activity
(SY) F.E.I.B.A Immuno
(SY) FEIBA
(SY) Factor IXa
(SY) Factor IX alpha
(SY) activated Factor IX complex
(HM) *Factor IX
(PA) COAGULANTS
(PA) ANTIFIBRINOLYTIC AGENTS
(PA) HEMOSTATICS
(II) BLOOD COAGULATION FACTORS
(NO) FEIBA is activated Factor IX concentrate; see also related record for prothrombin complex concentrates

Factor IX alpha see Factor IX, activated

Factor IX a beta see Factor IX, activated

factor IX Chapel Hill
(RN) 68993-76-0
(HM) *FACTOR IX
(II) CHRISTMAS DISEASE
(NO) histidine replaces arginine at position 145; factor IX in hemophilia B Chapel Hill has reduced activity relative to normal with only one of two peptide bonds hydrolyzed during activation

factor IX concentrate see prothrombin complex concentrates

factor H receptor
(SY) receptor, factor H
(SY) factor H receptors
(SY) beta-1H receptor
(SY) receptor, beta-1H
(SY) beta-1H globulin receptors
(HM) *RECEPTORS, COMPLEMENT

factor H receptors see factor H receptor

factor X receptors see factor X receptor

factor X receptor
(SY) factor Xa receptor
(SY) receptor, factor X
(SY) factor X receptors
(SY) factor Xa receptors
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) FACTOR X

factors F430 see factor F430

L-factor (Streptomyces) see A-factor (Streptomyces)

Factor Va
(RN) 65522-14-7
(SY) Blood-coagulation factor V, activated
(HM) *FACTOR V
(NO) the activated form of Factor V

factor Vc see factor V clotting antigen

factor V-c see factor V clotting antigen

factor VIIa
(RN) 65312-43-8
(SY) factor VII activated
(HM) *FACTOR VII

factor VII activated see factor VIIa

factor VII clotting activity see factor VII clotting antigen

factor VII clotting antigen
(SY) factor VII clotting activity
(SY) FVII-C
(SY) factor VII coagulant activity
(HM) FACTOR VII/*immunol
(HM) *ANTIGENS

factor VII coagulant activity see factor VII clotting antigen

factor VIIIa
(SY) thrombin-activated factor VIII
(HM) *FACTOR VIII

Factor VIIIC see factor VIII clotting antigen

factor VIII clotting activity see factor VIII clotting antigen

factor VIII clotting antigen
(SY) VIII CAG
(SY) VIII-CAG
(SY) factor VIII coagulant antigen
(SY) factor VIII procoagulant activity
(SY) F VIII-C
(SY) Factor VIIIC
(SY) factor VIII clotting activity
(SY) antigen, factor VIII clotting
(HM) *FACTOR VIII
(II) ANTIGENS
(NO) differentiated from factor VIII related antigen

factor VIII coagulant antigen see factor VIII clotting antigen

Factor VIII inhibitory bypass activity see Factor IX, activated

factor VIII procoagulant activity see factor VIII clotting antigen

Factor VIIIR-Ag see factor VIII related antigen

factor VIII related antigen
(SY) VIII-RAG
(SY) Factor VIIIR-Ag
(SY) antithrombin III related antigen
(SY) factor VIII-related protein
(SY) antigen, factor VIII related
(HM) FACTOR VIII/*immunol
(HM) *ANTIGENS
(II) VON WILLEBRAND FACTOR

factor VIII-related protein see factor VIII related antigen

factor VII related antigen
(SY) VII-RAG
(SY) antigen, factor VII related
(HM) FACTOR VII/*immunol
(HM) *ANTIGENS

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Factor Xa
(RN) EC 3.4.21.6
(SY) coagulation factor Xa
(SY) thrombokinase
(SY) 9002-05-5
(SY) activated Factor X
(HM) *FACTOR X
(NO) activated form of Factor X; other RN in Chemline: 9002-05-5

Factor Xa, des(1-44)-
(SY) des(1-44)-Factor Xa
(HM) *FACTOR X
(HM) *PEPTIDE FRAGMENTS

factor Xa receptor see factor X receptor

factor Xa receptors see factor X receptor

factor XIa
(RN) 37203-61-5
(SY) Blood-coagulation factor XI, activated
(SY) contact activation product
(SY) activated factor XI
(HM) *FACTOR XI
(NO) activated form of FACTOR XI

Factor XIIa see prekallikrein activator

Factor XIIIa
(RN) 9067-75-8
(HM) *FACTOR XIII
(NO) active form of Factor XIII

factor Y see DNA-dependent ATPase

factor 420
(RN) 37333-48-5
(SY) 8-hydroxy-5-deazaflavin
(SY) F(420)
(HM) *FLAVINS
(II) COENZYMES
(NO) isolated from Methanobacterium strain MOH; mol Wt. about 630; can serve as electron carrier; involved in NADP-linked hydrogenase system

Factu
(HM) *CRESOLS
(HM) *DIBUCAINE
(HM) DRUG COMBINATIONS
(NO) contains Albothyl & Dibucaine; in suppository & ointment form; for treatment of rectal diseases

factumycin
(RN) 84600-89-5
(HM) PYRIDONES
(PA) ANTIBIOTICS
(NO) from Streptomyces lavendulae; structure given in first source

FADAE see fusaric acid N,N-diethylaminoethylamide

FAD-monooxygenase see dimethylaniline monooxygenase (N-oxide forming)

FADPH see 2-formamido-4,4-diphenyl-5-heptanone

FAD pyrophosphatase
(RN) EC 3.6.1.18
(RR) 37289-30-8 (CRN)
(HM) *PYROPHOSPHATASES

FAD pyrophosphorylase see FMN adenylyltransferase

FAD semiquinone see flavin semiquinone

FAD synthetase see FMN adenylyltransferase

fagaronine
(RN) 41758-44-5
(HM) *ALKALOIDS
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(PA) ANTINEOPLASTIC AGENTS
(NO) structure

FA-GSK-3 protein kinase see glycogen synthetase kinase

3-FALA see 3-fucosyl-N-acetyllactosamine

F-Alb see formaldehyde-serum albumin

F-Alb receptors see formaldehyde-serum albumin receptor

falcarinol
(RN) 21852-80-2
(RR) 81203-57-8 ((Z)-isomer)
(SY) panaxynol
(HM) *FATTY ALCOHOLS
(II) TOXINS
(II) PLANT EXTRACTS
(NO) from ginseng root; RN given refers to (R-(Z))-isomer; RN for cpd without isomeric designation not in Chemline 8/84; structure

falciparum interspersed repeat antigen
(SY) FIRA
(HM) *ANTIGENS, PROTOZOAN
(NO) dominant immunogen in man

falicain see propipocaine

falicaine see propipocaine

Faligast see iomeglamic acid

Falimint see 5'-nitro-2'-propoxyacetanilide

falintolol
(RN) 96479-87-7
(RR) 96479-88-8 (anti-(R) oxalate)
(RR) 96479-89-9 (syn-(R))
(RR) 96479-90-2 (syn(R) oxalate)
(RR) 96479-91-3 (anti-(S))
(RR) 96479-92-4 (anti-(S) oxalate)
(RR) 96479-93-5 (syn-(S))
(RR) 96479-94-6 (syn-(S) oxalate)
(SY) O-(3-(tert-butylamino)-2-hydroxypropyl) cyclopropyl methyl ketone oxime
(HM) *PROPANOLAMINES
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS
(NO) RN & structure given in first source; RN given refers to (anti-(R))-isomer; RN for cpd without isomeric designation not available 8/85

Falirytmin
(RN) 58774-82-6
(RR) 26958-05-4 (di-HCl)
(HM) *ETHYLENEDIAMINES
(PA) ANTI-ARRHYTHMIA AGENTS
(NO) structure; RN given refers to parent cpd

Falmonox see teclozan

falomesin see ceftezol

FAM
(SY) MIFA III
(HM) FLUOROURACIL
(HM) DOXORUBICIN
(HM) MITOMYCINS
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds; used in treatment of neoplasms

FAM II
(HM) FTORAFUR
(HM) DOXORUBICIN
(HM) MITOMYCINS
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consiting of above 3 cpds

famophos
(RN) 52-85-7
(SY) famphur
(SY) varbex
(SY) warbex
(SY) O,O-dimethyl O-p-(dimethylsulfamoyl) phenylphosphorothioate
(HM) *THIOPHOSPHORIC ACID ESTERS
(PA) INSECTICIDES, ORGANOTHIOPHOSPHATE
(PA) ANTHELMINTICS
(NO) structure

famotidine
(RN) 76824-35-6
(SY) 3-(((2-((diaminomethylene)amino)-4-thiazolyl) methyl)thio)-N(2)-sulfamoylpropionamidine
(SY) YM 11170
(SY) YM-11170
(SY) MK 208
(SY) MK-208
(HM) *THIAZOLES
(PA) HISTAMINE H2 RECEPTOR BLOCKADERS
(NO) structure given in first source

famphur see famophos

fanetizole
(RN) 79069-94-6
(RR) 79069-95-7 (mesylate)
(SY) CP-48,810
(SY) 2-phenethylamino-4-phenylthiazole
(SY) fanetizole mesylate
(SY) CP 48810
(HM) *THIAZOLES
(PA) IMMUNOSTIMULANTS
(NO) structure in USAN; RN given refers to parent cpd

fanetizole mesylate see fanetizole

fansidar
(RN) 37338-39-9
(SY) suldox
(HM) *SULFADOXINE
(HM) *PYRIMETHAMINE
(HM) DRUG COMBINATIONS
(PA) ANTIMALARIALS
(NO) combination drug containing fanasil & pyrimethamine

F antigen
(SY) liver specific F antigen
(SY) human liver specific F antigen
(SY) human F antigen
(SY) liver antigen F
(SY) liver specific antigen
(HM) *ALLOANTIGENS
(NO) has at least two antigenic determinants; one species non-specific & the other human specific; MW approximattely 80,000 daltons

F41 antigen
(SY) antigen, F41
(HM) *SURFACE ANTIGENS

FAP
(HM) FLUOROURACIL
(HM) DOXORUBICIN
(HM) CISPLATIN
(PA) ANTINEOPLASTIC AGENTS, COMBINED

FAP-DNA glycosylase see formamidopyrimidine-DNA glycosylase

FAPGG see 2-furanacryloyl-phenylalanyl-glycyl-glycine

FA-Phe see N-(3-(2-furyl)acryloyl)phenylalanine

FA-Phe-Gly-Gly see 2-furanacryloyl-phenylalanyl-glycyl-glycine

FAPOBI see 4-(6-formyl-3-azidophenoxy)butyrimidate

FAPy see 4,6-diamino-5-N-formamidopyrimidine

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F-ara-A
(RN) 21679-14-1
(SY) 9 beta-D-arabinofuranosyl-2-fluoroadenine
(HM) VIDARABINE/*analogs
(NO) activated form of Factor X

Farlal see indanazolin

farlutal depot see medroxyprogesterone 17-acetate

farmazin TB
(RN) 1405-53-4
(SY) pharmasin TB
(HM) *LEUCOMYCINS
(HM) *BENTONITE
(HM) DRUG COMBINATIONS
(NO) combination of tylosin phosphate & bentonite

farnesal dehydrogenase
(RN) EC 1.2.1.-
(HM) *ALDEHYDE OXIDOREDUCTASES
(NO) requires NAD+

farnesenic acid see farnesoic acid

farnesoic acid
(RN) 7548-13-2
(SY) farnesenic acid
(HM) *FATTY ACIDS, UNSATURATED
(NO) structure

farnesol dehydrogenase
(RN) EC 1.1.1.-
(HM) *ALCOHOL OXIDOREDUCTASES
(NO) requires NAD+

farnesylacetate see farnesylacetic acid

farnesylacetic acid
(RN) 23224-49-9
(RR) 6040-06-8 ((E,E)-isomer)
(SY) farnesylacetate
(HM) FARNESOL/*analogs
(II) SEX ATTRACTANTS
(NO) RN given refers to cpd without isomeric designation

farnesylacetone
(RN) 762-29-8
(RR) 1117-52-8 ((E,E)-isomer)
(HM) *TERPENES
(NO) C18 terpene; RN given refers to cpd without isomeric designation

farnesyl pyrophosphate
(RN) 13058-04-3
(RR) 40716-68-5 ((Z,E)-isomer)
(RR) 27248-38-0 ((E,Z)-isomer)
(RR) 27248-37-9 ((Z,Z)-isomer)
(RR) 25744-33-6 ((?,E)-isomer)
(RR) 372-97-4 ((E,E)-isomer)
(HM) *POLYISOPRENYL PHOSPHATES
(NO) RN given refers to cpd without isomeric designation

farrerol
(RN) 24211-30-1
(HM) *CHROMONES
(PA) EXPECTORANTS
(NO) expectorant principle isolated from leaves of Rhododendron dauricum L; structure

fasavin E4
(RN) 86903-96-0
(HM) *POLYETHYLENE GLYCOLS
(NO) stearynic acid propyl ester with ethylene oxide groups; potential histamine releasing cpd used in textile industry for synthesis of polyamides & polyesters

fasciculin
(RN) 86697-68-9
(SY) fasciculin 1
(SY) fasciculin 2
(HM) *ELAPID VENOMS
(PA) CHOLINESTERASE INHIBITORS
(NO) from green mamba Dendroaspis angusticeps; has 61 amino acids, 4 disulfides; MW 6765 for fasciculin 1 and 6735 for fasciculin 2 with a probable difference of one amino acid

fasciculin 1 see fasciculin

fasciculin 2 see fasciculin

fasciculol E
(RN) 65694-20-4
(HM) *TRITERPENES
(II) MYCOTOXINS
(NO) lanostane-type triterpene toxic principle from poisonous mushroom Naematoloma fasciculare (Nigakuritake); structure given in first source

fasciculol F
(RN) 65694-21-5
(HM) *TRITERPENES
(II) MYCOTOXINS
(NO) lanostane-type triterpene toxic principle from poisonous mushroom Naematoloma fasciculare (Nigakuritake); structure given in first source

fascin
(HM) *CARRIER PROTEINS
(NO) 58,000 dalton actin cross-linking protein in echinoderm coelomycetes

FASL(1,14) see 16-nitroxystearic acid

Fast Blue
(RN) 74749-42-1
(SY) diamidino compound 253/50
(HM) *AMIDINES
(II) FLUORESCENT DYES
(NO) fluorescent retrograde neuronal tracer; no other information available 9/17/81

fast blue B
(RN) 20282-70-6
(RR) 91-91-8 (dichloride)
(RR) 14263-94-6 (tetrachlorozincate(2-)(1:1))
(SY) 3,3'-dimethoxybiphenyl-4,4'-bisdiazonium
(HM) *DIAZONIUM COMPOUNDS
(II) DYES
(II) INDICATORS AND REAGENTS
(NO) reagent for marijuana detection; RN given refers to parent cpd

Fast Blue BB
(RN) 15518-68-0
(RR) 67000-46-8 (hexafluorophosphate(1-))
(RR) 5486-84-0 (tetrachlorozincate(2-)[2:1])
(SY) Echtblausalz
(SY) fast blue 2B salt
(SY) fast blue BBN
(SY) Fast Blue BB salt
(HM) *DIAZONIUM COMPOUNDS
(II) DYES
(NO) RN given refers to parent cpd

fast blue BBN see Fast Blue BB

Fast Blue BB salt see Fast Blue BB

fast blue 2B salt see Fast Blue BB

fast green
(RN) 12777-77-4
(HM) *ROSANILINE DYES
(NO) RN given refers to hydroxide inner salt di-Na salt; RN for parent cpd not in Chemline 7/83

fast green FCF
(RN) 2353-45-9
(SY) C.I. 42053
(SY) Food Green 3
(HM) *LISSAMINE GREEN DYES
(NO) structure

Fast Red TA
(RN) 27165-08-8
(RR) 94-95-1 (chloride)
(SY) fast red TR salt
(HM) *DIAZONIUM COMPOUNDS
(II) DYES
(NO) RN given refers to parent cpd

fast red TR salt see Fast Red TA

fat mobilizing substance see lipid mobilizing substance

F(1) ATPase inhibitor protein see ATPase inhibitory protein

F(1)F(0) ATPase
(RN) EC 3.6.1.-
(SY) ATPase, F0F1
(SY) ATPase, F(1)F(0)
(SY) F(0)F(1)-ATP synthase
(HM) H(+)-TRANSPORTING ATPASE
(II) OXIDATIVE PHOSPHORYLATION COUPLING FACTORS
(NO) aspect of EC 3.6.1.3

F(6) ATPase
(RN) EC 3.6.1.-
(SY) coupling factor 6
(SY) ATPase, F(6)
(HM) *ADENOSINE TRIPHOSPHATASE
(NO) one of F(0)'s subunits needed for binding of F(1) to F(0)

F(0)F(1)-ATP synthase see F(1)F(0) ATPase

fat red 7B
(RN) 6368-72-5
(HM) *AZO COMPOUNDS
(II) DYES
(NO) lipophilic dye

fatty acid-acyl carrier protein ligase (AMP) see acyl-(acyl-carrier-protein) synthetase

fatty acid-binding proteins
(SY) fatty acid binding proteins
(SY) sterol carrier protein, liver
(SY) liver sterol carrier protein
(HM) *CARRIER PROTEINS
(II) FATTY ACIDS

fatty acid binding proteins see fatty acid-binding proteins

fatty acid-CoA ligase see acyl-CoA synthetase

fatty acid elongases
(RN) EC 2.3.1.-
(SY) fatty acid elongation enzyme
(HM) *ACETYLTRANSFERASES

fatty acid elongation enzyme see fatty acid elongases

fatty acid ethyl ester synthase
(RN) EC 2.3.1.-
(HM) *ACYLTRANSFERASES
(NO) enzyme from rabbit myocardium; does not use ATP or coenzyme A

fatty acid omega-hydroxylase see alkane 1-monooxygenase

fatty acid oxidation complex
(HM) *MULTIENZYME COMPLEXES
(NO) E. coli complex contains 3-ketoacyl CoA thiolase (EC 2.3.1.16), 3-hydroxyacyl CoA dehydrogenase (EC 1.1.1.35), enoyl-CoA hydratase (EC 4.2.1.17), dodecenoyl CoA delta-isomerase (EC 5.3.3.8) & 3-hydroxyacyl CoA epimerase (EC 5.1.2.3)

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fatty acid reductase
(RN) EC 1.2.1.-
(HM) *ALDEHYDE OXIDOREDUCTASES
(NO) catalyzes reduction of fatty acids to aldehydes

Fatty acids, Me-branched, diester with phthiocerol see phthiocerol dimycocerosate

fatty acid thiokinase (long chain) see acyl-CoA synthetase

fatty acid thiokinase (medium chain) see butyryl-CoA synthetase

fatty acyl amidase I see fatty acyl amidases

fatty acyl amidase II see fatty acyl amidases

fatty acyl amidases
(RN) EC 3.5.1.-
(SY) fatty acyl amidase I
(SY) fatty acyl amidase II
(HM) *AMIDOHYDROLASES
(NO) amidases I & II act sequentially on lipopolysaccharides cleaving hydroxymyristyl groups

fatty-acyl CoA dehydrogenase see acyl-CoA dehydrogenase

fatty acyl CoA oxidase see acyl-CoA oxidase

fatty acyl-CoA reductase see hexadecanal dehydrogenase (acylating)

fatty acyl-coenzyme A redactase see hexadecanal dehydrogenase (acylating)

fatty acyl coenzyme A-retinol acyltransferase see retinol ester synthetase

fatty acyl-conzyme A oxidase see acyl-CoA oxidase

fatty acyl ethyl ester synthase
(RN) EC 2.3.1.-
(HM) *ACYLTRANSFERASES
(NO) myocardial enzyme; esterifies free fatty acids in the absence of ATP & coenzyme A

fatty aldehyde
(SY) free fatty aldehydes
(HM) *FATTY ACIDS
(HM) *ALDEHYDES

fatty-aldehyde dehydrogenase
(RN) EC 1.2.1.48
(SY) long chain fatty aldehyde dehydrogenase
(HM) *ALDEHYDE OXIDOREDUCTASES

FAT 16
(RN) 93376-67-1
(SY) FAT-16
(SY) 1-benzylidinyl-7-hydroxy-3-(N-dimethyl-N-cyclopropanemethylamino)-2,2-dimethyl-1,2,3,4-tetrahydronaphthalene
(HM) *TETRAHYDRONAPHTHALENES
(NO) structure given in first source

FAT-16 see FAT 16

FAT 17
(RN) 93376-68-2
(SY) FAT-17
(SY) 1-benzyl-1,7-dihydroxy-3-(dimethylamino)-2,2-dimethyl-1,2,3,4-tetrahydronaphthalene
(HM) *TETRAHYDRONAPHTHALENES
(NO) structure given in first source

FAT-17 see FAT 17

favin
(HM) *LECTINS
(NO) from Vicia faba

FA 142 see MFA 142

M-FA-142 see MFA 142

FA-2097
(RN) 81988-71-8
(SY) FA 2097
(SY) Antibiotic FA 2097
(SY) 12H-8,11a-(Iminomethano)-1aH,7H-(1,2,4)dithiazepino(4,3-b)oxireno(e)(1,2)benzoxazine-7,13-dione, 4,4a,8,9-tetrahydro-4-hydroxy-9-(2-hydroxy-3,4-dimethoxyphenyl)-14-methyl-, (1aS-(1aalpha,4beta,4abeta,8alpha,9beta,11aalpha,12R*))-
(HM) PIPERAZINES
(PA) ANTIBIOTICS
(NO) a epidithiodiketopiperazine group antibiotic; from Eupenicillium abidjanum IFO 8939; active against Fusobacterium mortiferum; no other information available

FA 2097 see FA-2097

FA 402 see fentonium

FBAL see alpha-fluoro-beta-alanine

4,4'-FBAPTA see 4,4'-difluoro-1,2-bis(2-aminophenoxy)ethane-N,N,N',N'-tetraacetic acid

5,5'-FBAPTA see 5,5'-difluoro-1,2-bis(2-aminophenoxy)ethane-N,N,N',N'-tetraacetic acid

7-FBA see 7-fluorobenzanthracene

FBGIP see fibroblast proliferation inhibitor

3-FBOT see 3-(4-fluorobenzoyl)tropane

F-1,6-BPase convertase see fructose 1,6-bisphosphatase converting enzyme

6-FBP-7,8-DHD see 6-fluorobenzo(a)pyrene-7,8-dihydrodiol

Fc(alpha) receptor
(SY) IGA Fc receptor
(SY) receptor, Fc(alpha)
(SY) Fc IGA receptors
(SY) IgAFc (T alpha) receptor
(SY) Fc(alpha) receptors
(HM) *RECEPTORS, FC
(II) ICA

Fc(alpha) receptors see Fc(alpha) receptor

FCCA see 1-(2-furyl)-1,2,3,4-tetrahydro-9H-pyrido(3,4-b)indole-3-carboxylic acid

Fc(delta) receptor
(SY) receptor, Fc delta
(SY) Fc(delta) receptors
(SY) IgD-Fc receptors
(HM) *RECEPTORS, FC
(II) IGD

Fc(delta) receptors see Fc(delta) receptor

FCDP see N beta-fumarylcarboxyamido-2,3-diaminopropionic acid

Fc(epsilon) receptor
(SY) IGE Fc receptor
(SY) Fc IGE receptors
(SY) receptor, Fc(epsilon)
(HM) *RECEPTORS, FC
(II) IGE

FCE 20635
(SY) FCE-20635
(SY) 7 beta-((Z)-2-(2-amino-4-thiazolyl-N-oxide)-2-methoxyiminoacetamido)-3-(tetrazolo-(1,5-b)pyridazin-6-yl)thiomethyl-3-cephem-4-carboxylic acid
(HM) *CEPHALOSPORINS
(NO) used to treat urinary tract infections in mice

FCE-20635 see FCE 20635

FCE 20700
(SY) FCE-20700
(SY) 11-deoxy-13,14-didehydro-16(S)-methylprostaglandin E2 methyl ester
(SY) 11-deoxy-13,14-didehydro-16-methyl-PGE2 methyl ester
(HM) *PROSTAGLANDINS E, SYNTHETIC
(PA) CRYOPROTECTIVE AGENTS

FCE-20700 see FCE 20700

FCE-21258 see FCE 21258

FCE 21258
(RN) 71934-91-3
(SY) 13,14-didehydrocarboprostacyclin
(SY) FCE-21258
(HM) *PROSTAGLANDINS X
(II) PROSTAGLANDINS, SYNTHETIC
(NO) RN given refers to (3aS-(2E,3aalpha,4alpha(R*),5beta,6aalpha))-isomer; RN for cpd without isomeric designation not in Chemline 10/6/83

FCE 21292
(RN) 78542-68-4
(SY) FCE-21292
(SY) 13,14-didehydro-20-methylcarboprostacyclin
(SY) FCE 22059
(SY) FCE-22059
(SY) 13,14-didehydro-20-methylcarbo-PGI2
(HM) *PROSTAGLANDINS X
(II) PROSTAGLANDINS, SYNTHETIC
(NO) RN given refers to (3aS-(2E,3aalpha,4alpha(R*),5beta,6aalpha))-isomer; RN for cpd without isomeric designation not in Chemline 10/6/83

FCE-21292 see FCE 21292

FCE 22059 see FCE 21292

FCE-22059 see FCE 21292

FCE 22101
(RN) 84845-58-9
(SY) FCE-22101
(HM) *PENICILLANIC ACIDS
(PA) ANTIBIOTICS, LACTAM
(NO) carbapenem antibiotic; structure given in first source

FCE-22101 see FCE 22101

FCE 22250
(SY) FCE-22250
(HM) *RIFAMYCINS
(NO) active against Mycobacterium

FCE-22250 see FCE 22250

FCE 22891
(RN) 87238-52-6
(SY) FCE-22891
(HM) *PENICILLANIC ACIDS
(PA) ANTIBIOTICS, LACTAM
(NO) RN not in Chemline 8/84; RN from Chem Abstracts Index; structure in first source

FCE-22891 see FCE 22891

FcgammaR see Fc(gamma) receptor

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Fc(gamma) receptor
(SY) receptor, Fc gamma
(SY) FcgammaR
(SY) Fc(gamma) receptors
(SY) receptor, Fc(gamma)
(SY) Fc IgG receptor
(SY) IgG Fc receptor
(SY) IgGFc (T gamma) receptor
(HM) *RECEPTORS, FC
(II) IGG
(NO) integral membrane lipoprotein which specifically binds Fc portion of IgG proteins at surface of various cells, including B lymphocytes & macrophages

Fc(gamma) receptors see Fc(gamma) receptor

F-chemotactic peptide
(RN) 71901-21-8
(SY) N-formyl-Nle-Leu-Phe-Nle-Tyr-Lys
(SY) F-peptide
(SY) N-formyl hexapeptide
(HM) *OLIGOPEPTIDES
(II) CHEMOTACTIC FACTORS
(II) CHEMOTAXIS, LEUKOCYTE
(II) NEUTROPHILS
(NO) potent chemoattractant for human neutrophils

F-chemotactic peptide receptor
(SY) receptor, F-chemotactic peptide
(SY) F-chemotactic peptide receptors
(SY) N-formyl hexapeptide receptor
(SY) receptor, N-formyl hexapeptide
(HM) *RECEPTORS, IMMUNOLOGIC
(NO) found on human neutrophils

F-chemotactic peptide receptors see F-chemotactic peptide receptor

F1-X chromophore see 5'-malonylriboflavin

Fc IGA receptors see Fc(alpha) receptor

Fc IGE receptors see Fc(epsilon) receptor

Fc IgG receptor see Fc(gamma) receptor

Fc-IgM receptor see Fc(mu) receptor

Fc(mu) receptor
(SY) receptor, Fc mu
(SY) Fc(mu) receptors
(SY) IgMFc (T mu) receptor
(SY) IgM Fc receptor
(SY) Fc-IgM receptor
(HM) *RECEPTORS, FC
(II) IGM
(NO) Fc receptor for IgM

Fc(mu) receptors see Fc(mu) receptor

FCRC-A48 see fredericamycin A

Fc receptor inducer
(SY) FcR inducer
(HM) *PROTEINS
(II) RECEPTORS, FC
(NO) protein responsible for the induction of Fc receptor on bone marrow cells; MW 16,000-18,5000; thermolabile & trypsin sensitive; different from colony-stimulating factor

FcR inducer see Fc receptor inducer

FCV
(HM) FLUOROURACIL
(HM) LOMUSTINE
(HM) VINCRISTINE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above 3 cpds

FC-11 see trichlorofluoromethane

FC 12 see freon-12

FC 3001 see tiaprofenic acid

FC 43 see perfluorotributylamine

FC-43(47) see perfluorotributylamine

FDC blue lake no.2
(HM) *DYES
(NO) implicated in false positive "hemoccult" reaction with cimetidine use

F-DMBA see fluoro-7,12-dimethylbenz(a)anthracene

FDNB-BMPA see N-(2,4-dinitro-5-fluorophenyl)-1,2-bis(mannos-4'-yloxy)propyl-2-amine

FD&C No. 2 see brilliant blue

FD & C red no. 40 see Allura Red AC Dye

FDUMN see 5-fluoro-5'-O-nitro-2'-deoxyuridine

FDV
(HM) FLUOROURACIL
(HM) DACTINOMYCIN
(HM) VINCRISTINE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above three cpds

FD&C violet no. 1 see Acid Violet 6B

FD & C Yellow No. 6
(RN) 2783-94-0
(SY) C.I. 15-985
(SY) sunset yellow
(SY) gelborange S
(SY) L-orange 2
(SY) C.I. food yellow 3
(SY) E 110
(SY) orange no.2
(SY) Sunset yellow FCF
(HM) *AZO COMPOUNDS
(II) DYES
(II) FOOD COLORING AGENTS
(NO) structure

FD 008 see FD-008

FD-008
(RN) 41135-83-5
(SY) 5-(4'-chlorobutyl)picolinic acid
(SY) FD 008
(HM) *FUSARIC ACID/analogs
(PA) DOPAMINE BETA HYDROXYLASE/antag

FD 1 see FD-1

FD-1
(RN) 62987-05-7
(SY) 1,3-bis(tetrahydro-2-furanyl)-5-fluorouracil
(SY) 5-fluoro-1,3-bis(tetrahydro-2-furanyl)-2,4-pyrimidinedione
(SY) 1,3-bis(tetrahydro-2-furanyl)-5-fluoro-2,4-pyrimidinedione
(SY) FD 1
(HM) FTORAFUR/*analogs
(PA) ANTINEOPLASTIC AGENTS
(NO) structure

Fe3+-ADP-adriamycin see doxorubicin-ferric-ADP complex

febantel
(RN) 58306-30-2
(SY) dimethyl((2-(methoxyacetyl)amino-4-(phenylthio) phenyl(carbonimidoyl)bis(carbamate)
(SY) Bay Vh 5757
(SY) Rintal
(SY) 2'-(2,3-bis(methoxycarbonyl)guanidino)-5'-phenylthio-2-methoxyacetanilide
(HM) *GUANIDINES
(PA) ANTHELMINTICS
(NO) structure

febantel-praziquantel paste
(SY) FEB-PRA
(HM) *GUANIDINES
(HM) *PRAZIQUANTEL
(HM) DRUG COMBINATIONS
(PA) ANTHELMINTICS
(NO) combination of febantel & praziquantel

febarbamate
(RN) 13246-02-1
(SY) phenobamate
(SY) G-Tril
(SY) 5-ethyl-1-(3-butoxy-2-carbamoyloxypropyl)-5-barbituric acid
(HM) *BARBITURATES
(PA) HYPNOTICS AND SEDATIVES
(NO) structure

FEB-PRA see febantel-praziquantel paste

febuprol
(RN) 3102-00-9
(SY) MG 22429
(HM) ALCOHOL, PROPYL/*analogs
(PA) CHOLAGOGUES AND CHOLERETICS
(NO) structure

fecal antigen-1, normal
(SY) normal fecal antigen-1
(SY) NFA-1
(SY) antigen-1, normal fecal
(HM) *ANTIGENS
(II) FECES
(NO) from normal adult feces; glycoprotein MW 20,000-30,000; related to but different from carcinoembryonic antigen; first 10 amino acid sequence different from CEA

fecapentaene-12 see 1-(1-glycero)dodeca-1,3,5,7,9-pentaene

fecapentaene-14 see 1-(1-glycero)tetradeca-1,3,5,7,9-pentaene

fecosterol
(RN) 516-86-9
(RR) 65529-76-2 ((3beta)-isomer)
(SY) delta-8(24),28-ergostadienol
(HM) ERGOSTEROL/*analogs
(NO) RN given refers to (3beta,5alpha)-isomer; RN for cpd without isomeric designation not in Chemline 10/18/83

Fe(CO)5 see iron carbonyl compounds

fecundin see polyandroalbumin

2-FEG see O(6)-(2-fluoroethyl)guanine

FEIBA see Factor IX, activated

Fe(III)-ATP complex see ferric-adenosine triphosphate complex

Fe(III)-deuteroporphyrin see iron(III)-deuteroporphyrin

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Fe(III)-EDTA
(RN) 15275-07-7
(RR) 15708-41-5 (Na salt)
(RR) 21265-50-9 (NH4 salt)
(RR) 17099-81-9 (hydrogen)
(RR) 54959-35-2 (K salt)
(RR) 18154-32-0 (Na trihydrate)
(SY) ferric sodium edetate
(SY) irostrene
(SY) NaFeEDTA
(SY) sodium iron EDTA
(SY) ferric EDTA
(SY) iron EDTA
(HM) *EDTA
(HM) *FERRIC COMPOUNDS
(II) IRON CHELATES
(NO) iron fortifying agent; RN given refers to parent cpd

Fe(III)-TETA see iron-triethylenetetramine complex

Fe(II) picket-fence porphyrin see iron (II) meso-tetra(alpha,alpha,alpha,alpha-o-pivalamidophenyl)porphyrin

Fe(II)TPP see iron (II) meso-tetra(alpha,alpha,alpha,alpha-o-pivalamidophenyl)porphyrin

feldamycin
(RN) 61230-27-1
(SY) U-48266
(HM) HISTIDINE/analogs
(PA) ANTIBIOTICS
(NO) From Streptomyces ficellus.

Feldene see piroxicam

feline leukemia virus basic nucleic acid binding protein
(SY) FeLV NBP
(HM) *RETROVIRIDAE PROTEINS
(II) DNA-BINDING PROTEINS
(NO) MW 6604; single-chain polypeptide of 57 amino acids; sequence given in first source

feline leukemia virus iscom vaccine
(SY) FeLV iscom
(HM) *VIRAL VACCINES
(HM) *VIRAL ENVELOPE PROTEINS
(II) FELINE LEUKEMIA VIRUS
(II) ADJUVANTS, IMMUNOLOGIC
(NO) subunit vaccine composed of immunostimulating complex of proteins of FeLV envelope

feline oncornavirus-associated cell membrane antigen
(SY) FOCMA
(HM) *VIRAL ANTIGENS
(II) FELINE LEUKEMIA VIRUS

felodipine
(RN) 72509-76-3
(RR) 86189-69-7 ((+-)-isomer)
(SY) 4-(2,3-dichlorophenyl)-1,4-dihydropyridine-2,6-dimethyl 3-ethyl-5-methyl-dicarboxylate
(HM) NIFEDIPINE/*analogs
(PA) ANTI-ARRHYTHMIA AGENTS
(PA) ANTIHYPERTENSIVE AGENTS
(PA) VASODILATOR AGENTS
(NO) structural analog of nifedipine which seems to dilate precapillary resistance vessels in vivo; RN given refers to parent cpd without isomeric designation

FeLV iscom see feline leukemia virus iscom vaccine

FeLV NBP see feline leukemia virus basic nucleic acid binding protein

FeLV p10 see gag viral proteins

FELV p27 see gag viral proteins

female protein, hamster see hamster female protein

female-specific larval serum protein see larval serum protein

FEMA 2200 see 4-methyl-1-phenylpentan-2-ol

FEMA-2200 see 4-methyl-1-phenylpentan-2-ol

femigen see ovosiston

femoxetine
(RN) 59859-58-4
(RR) 56222-04-9 (HCl(3R-trans)-isomer)
(RR) 85610-75-9 ((3S-cis)-isomer)
(SY) FG 4963
(SY) trans-3-((4-methoxyphenoxy)methyl)-1-methyl-4-phenylpiperidine
(SY) femoxitine
(SY) trans-(+)-3-((4-methoxyphenoxy)methyl)-1-methyl-4-phenylpiperidine
(HM) *PIPERIDINES
(PA) ANTIDEPRESSIVE AGENTS
(PA) SEROTONIN ANTAG
(PA) ANALGESICS, ANTI-INFLAMMATORY
(NO) serotonin uptake inhibitor; RN given refers to (3R-trans)-isomer; RN for cpd without isomeric designation not in Chemline 7/83

femoxitine see femoxetine

fenamate see fenamic acid

fenamic acid
(RN) 91-40-7
(RR) 88170-07-4 (Ca salt [2:1])
(RR) 6232-32-2 (mono-Na salt)
(SY) fenamate
(SY) diphenylamine-2-carboxylate
(HM) *ANTHRANILIC ACIDS
(NO) RN given refers to parent cpd

fenaminosulf see dexon (fungicide)

fenamiphos
(RN) 22224-92-6
(SY) ethyl 4-(methylthio)m-tolyl isopropylphosphoroamidate
(SY) Bay 68138
(SY) phenamiphos
(SY) nemacur
(HM) *ORGANOPHOSPHORUS COMPOUNDS
(PA) INSECTICIDES, ORGANOPHOSPHATE
(NO) structure

fenatin see Phencarol

fenazepam see phenazepam

fenazox
(RN) 495-48-7
(RR) 21650-65-7 ((E)-isomer)
(RR) 20972-43-4 ((Z)-isomer)
(SY) azoxybenzene
(HM) *AZO COMPOUNDS
(PA) INSECTICIDES
(NO) RN given refers to parent cpd without isomeric designation; structure given in first source

fenbufen
(RN) 36330-85-5
(RR) 55885-09-1 (cpd with unspecified locants for butanoic acid moiety)
(SY) cinopal
(SY) gamma-oxo(1,1'-biphenyl)-4-butanoic acid
(HM) *PROPIONIC ACIDS
(PA) ANTI-INFLAMMATORY AGENTS
(PA) ANTIPYRETICS
(NO) structure; RN given refers to parent cpd

fencamfamine
(RN) 1209-98-9
(RR) 2240-14-4 (HCl)
(SY) 2-ethylamino-3-phenylnorcamphane
(SY) Reactivan
(SY) N-ethyl-3-phenylbicyclo(2.2.1)heptan-2-amine
(HM) *NORBORNANES
(PA) TRANQUILIZING AGENTS, MAJOR
(PA) ANALEPTICS
(NO) RN given refers to parent cpd

fencarol see Phencarol

fencibutirol
(RN) 5977-10-6
(RR) 19395-79-0 (Na salt)
(HM) *CYCLOHEXANECARBOXYLIC ACIDS
(NO) RN given refers to parent cpd

fenclofenac
(RN) 34645-84-6
(RR) 64503-44-2 (Na salt)
(SY) RX 67408
(SY) 2-(2,4-dichlorophenoxy)phenylacetic acid
(HM) *PHENYLACETATES
(PA) ANTI-INFLAMMATORY AGENTS
(NO) RN given refers to parent cpd

fenclofenac glucuronide
(RN) 77182-37-7
(HM) *PHENYLACETATES
(NO) fenclofenac metabolite in horses

fenclorac
(RN) 36616-54-3
(RR) 61361-69-1 ((+-)-isomer)
(SY) alpha-m-dichloro-p-cyclohexylphenylacetic acid diethylammonium salt
(HM) *PHENYLACETATES
(PA) ANTI-INFLAMMATORY AGENTS
(PA) ANALGESICS, ANTI-INFLAMMATORY
(NO) structure; RN given refers to cpd without isomeric designation

fendosal
(RN) 53597-27-6
(SY) HP 129
(SY) Alnovin
(SY) 5-(4,5-dihydro-2-phenyl-3H-benz(e)indol-3-yl) salicylic acid
(HM) *SALICYLIC ACIDS
(PA) ANALGESICS, ANTI-INFLAMMATORY
(PA) ANTI-INFLAMMATORY AGENTS
(NO) structure

fenesterine see phenesterin

fenestrel
(RN) 7698-97-7
(RR) 16550-39-3 (Na salt)
(SY) 2-methyl-3-ethyl-4-phenyl-4-cyclohexenecarboxylic acid
(SY) ORF-4563
(SY) ORF 3858
(HM) *CYCLOHEXANECARBOXYLIC ACIDS
(II) CONTRACEPTIVES, POSTCOITAL, SYNTHETIC
(II) ESTROGENS, NON-STEROIDAL
(NO) synonym ORF-4563 refers to Na salt; RN given refers to parent cpd

fenestrol see phenestrol

fenethylline
(RN) 3736-08-1
(RR) 1892-80-4 (mono-HCl)
(SY) captagon
(SY) fenetylline
(SY) 7-ethyltheophyllineamphetamine
(SY) biocapton
(HM) THEOPHYLLINE/*analogs
(HM) *AMPHETAMINES
(NO) RN given refers to parent cpd; structure

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fenetylline see fenethylline

fenflumizole
(RN) 73445-46-2
(SY) A-214
(HM) *IMIDAZOLES
(PA) ANTI-INFLAMMATORY AGENTS
(NO) structure in first source

fenibut see 4-amino-3-phenylbutyric acid

fenicaberan see fenicoberan

fenicoberan
(RN) 51771-50-7
(SY) phenicoberan2-phenyl-3-carboxy-4-dimethylamino-methyl-5-oxybenzofuran.HCl
(SY) fenicaberan
(SY) phenacaberan
(SY) phenicaberan
(HM) *BENZOFURANS
(PA) PARASYMPATHOLYTICS
(PA) VASODILATOR AGENTS
(PA) ANTI-ARRHYTHMIA AGENTS
(NO) experimental acid neutralizer in peptic ulcer; exhibits similar therapeutic effects as carbocholen in treatment of ischemic heart disease; exhibits antiarrhytmic properties in patients with extrasystolia; Russian drug; RN given refers to HCl; RN for parent cpd not in Chemline 7/83

fenilon-2c see phenylone-2s

fenilon-2s see phenylone-2s

fenipentol
(RN) 583-03-9
(RR) 19641-53-3 ((R)-isomer)
(RR) 33652-83-4 ((S)-isomer)
(SY) 1-phenyl-1-hydroxy-n-pentane
(SY) 1-PHNP
(SY) 1-phenyl-1-hydroxypentane
(HM) *BENZYL ALCOHOLS
(NO) stimulates plasma secretion & exocrine pancreatic secretion; RN given refers to cpd with unspecified isomeric designation

fenitrooxone
(RN) 2255-17-6
(HM) FENITROTHION/*analogs
(NO) oxone metabolite of fenitrothion

fenitrothion phosphatase
(RN) EC 3.1.3.-
(SY) FNT phosphatase
(SY) fensulfothion phosphatase
(HM) *PHOSPHOMONOESTERASES
(NO) from Alcaligenes NC5, microbe from soil treated with fensulfothion; hydrolytically cleaves fensulfothion & structurally related organophosphorus cpds

fenmedifam see phenmedipham

fenmetazole
(RN) 23712-05-2
(SY) DH 524
(SY) fenmetozole
(HM) *IMIDAZOLES
(PA) ANTIDEPRESSIVE AGENTS
(PA) NARCOTIC ANTAGONISTS
(PA) ANTISICKLING AGENTS

fenmetozole see fenmetazole

fenobam
(RN) 57653-26-6
(RR) 63540-28-3 (monohydrate)
(HM) *IMIDAZOLES
(NO) RN given refers to parent cpd; in USAN fenobam refers to monohydrate

fenoctimine
(RN) 84132-11-6
(SY) 4-(diphenylimino)-1-(octylimino)methyl) piperidine
(HM) *PIPERIDINES
(PA) ANTI-ULCER AGENTS
(NO) structure & RN from first source

fenofibric acid
(RN) 26129-32-8
(RR) 51337-93-0 (K salt)
(RR) 51337-92-9 (Na salt)
(RR) 68276-89-1 ((R)-isomer)
(SY) HCG 004
(SY) 2-(4-(4'-chlorophenoxy)phenoxy)propionic acid
(HM) *PROCETOFEN/analogs
(PA) ANTILIPEMIC AGENTS
(PA) ANTICHOLESTEREMIC AGENTS
(NO) RN given refers to parent cpd without isomeric designation; structure

fenoldopam see SK&F 82526

fenoprain see propafenone

fenoprop see silvex

fenoterol glucuronide
(HM) *FENOTEROL/analogs

fenoxazoline
(RN) 4846-91-7
(RR) 81117-11-5 (mono-HF)
(RR) 23029-57-4 (mono-HCl)
(RR) 21370-21-8 (unspecified HCl)
(HM) *IMIDAZOLES
(PA) VASOCONSTRICTOR AGENTS, NASAL
(NO) RN given refers to parent cpd

fenoxedil
(RN) 54063-40-0
(RR) 27471-60-9 (mono-HCl)
(SY) suplexedil
(HM) *PHENYL ETHERS
(PA) VASODILATOR AGENTS
(PA) ANTI-ARRHYTHMIA AGENTS
(NO) RN given refers to parent cpd; structure

fenozolone
(RN) 15302-16-6
(HM) PEMOLINE/*analogs
(PA) ANALEPTICS
(NO) structure

fenpropathrin
(RN) 39515-41-8
(RR) 67890-41-9 ((S)-isomer)
(RR) 67890-38-4 ((R)-isomer)
(RR) 64257-84-7 ((+-)-isomer)
(HM) *PYRETHRINS
(NO) RN given refers to cpd without isomeric designation

fenproporex
(RN) 16397-28-7
(RR) 18305-29-8 (mono-HCl(+-)-isomer)
(RR) 15686-61-0 ((+-)-isomer)
(RR) 16359-54-9 (mono-HCl)
(HM) *AMPHETAMINES
(PA) APPETITE DEPRESSANTS
(NO) was minor descriptor; RN given refers to parent cpd

fenprostalene
(RN) 69381-94-8
(SY) methyl 7-(3,5-dihydroxy-2-(3-hydroxy-4-phenoxy-1-butenyl)cyclopentyl)-4,5-heptadienoate
(SY) synchrocept B
(HM) *PROSTAGLANDINS F, SYNTHETIC
(PA) ABORTIFACIENT AGENTS, NON-STEROIDAL
(NO) RN given refers to (1R*,2R*,3R*,5S*)-(E)-(3R*)-isomer; cpd not in Chemline 9/27/83; structure given in first source

fenquizone
(RN) 20287-37-0
(SY) MG 13054
(SY) idrolone
(HM) *QUINAZOLINES
(PA) DIURETICS, SULFAMYL
(NO) structure

fensulfothion phosphatase see fenitrothion phosphatase

fensulfothion sulfide
(RN) 3070-15-3
(HM) *FENSULFOTHION/analogs
(NO) metabolite of fensulfothion

fentanyl isothiocyanate
(RN) 85951-63-9
(SY) fentanyl NCS
(SY) FIT alkylating agent
(SY) FIT
(HM) FENTANYL/*analogs
(II) ALKYLATING AGENTS
(NO) specific reagent for irreversible inactivation of delta opiate receptors in rat brain membranes; structure given in first source

fentanyl NCS see fentanyl isothiocyanate

fentathienyl see sulfentanil

fentatienyl sulfentanyl see sulfentanil

fenthion-ethyl
(RN) 1716-09-2
(HM) FENTHION/*analogs
(PA) INSECTICIDES, ORGANOTHIOPHOSPHATE

fentiazac
(RN) 18046-21-4
(SY) Br 700
(SY) Norvedan
(SY) 2-phenyl-4-(p-chlorophenyl)thiazol-5-ylacetic acid
(SY) CH 800
(SY) 4-(p-chlorophenyl)-2-phenyl-5-thiazoleacetic acid
(HM) *ACETIC ACIDS
(HM) *THIAZOLES
(PA) ANTI-INFLAMMATORY AGENTS
(PA) ANALGESICS, ANTI-INFLAMMATORY

fentichlor
(RN) 97-24-5
(HM) *CHLOROPHENOLS
(PA) ANTI-INFECTIVE AGENTS, LOCAL
(PA) ANTIFUNGAL AGENTS
(NO) structure

fenticonazole
(RN) 72479-26-6
(RR) 73151-29-8 (mono-nitate)
(SY) Rec 15-1476
(SY) 1-(2,4-dichloro-beta-((p-(phenylthio)benzyl)oxy) phenethyl)imidazole
(HM) *IMIDAZOLES
(PA) ANTIFUNGAL AGENTS
(NO) structure given in first source; RN given refers to parent cpd

fentin acetate see phentin acetate

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fentin hydroxide see triphenyltin hydroxide

Fentiria see phentyrin

fentonium
(RN) 5868-06-4
(SY) phentonium
(SY) ulcesium
(SY) Z 326
(SY) FA 402
(SY) ketoscilium
(SY) N-(4'-phenylphenacyl)hyoscyamine
(HM) *ATROPINE DERIVATIVES
(PA) PARASYMPATHOLYTICS
(NO) less effect on eye, heart & gland functions than atropine; proposed for therapy of gastrointestinal ulcers; minor descriptor (78-84); on-line & Index Medicus search ATROPINE DERIVATIVES (78-84); RN given refers to bromide(3(S)-endo)-isomer; RN for parent cpd without isomeric designation not in Chemline 8/84

Fenton reagent see Fenton's reagent

Fenton's reagent
(SY) Fenton reagent
(HM) *HYDROGEN PEROXIDE
(HM) *IRON
(NO) used for oxidizing sugars & alcohols

fentrifanil see 2'-chloro-2,4-dinitro-5'-6-di(trifluoromethyl) diphenylamine

fenuron
(RN) 101-42-8
(SY) 3-phenyl-1,1-dimethylurea
(HM) *PHENYLUREA COMPOUNDS
(PA) HERBICIDES, UREA

fenvalarate see pydrin

fenvalerate see pydrin

feospan see ferrous sulfate

feostat see ferrous fumarate

fepiron
(RN) 72578-87-1
(SY) phepyron
(HM) *PYRROLIDINONES
(PA) CONVULSANTS

Fe(PPIXDME)(NO) see nitrosyl(protoporphyrin IX dimethyl ester)iron II

fepracet
(RN) 2792-95-2
(RR) 20977-27-9 (mono-HCl)
(SY) phepracet
(SY) IEM 366
(SY) pheprazet
(HM) *AMPHETAMINES
(NO) structure; RN given refers to parent cpd

fepromaron see phepromaron

Fe protein, nitrogenous see nitrogenase reductase

Ferastral
(RN) 73361-47-4
(SY) iron-poly(sorbitol-gluconic acid) complex
(HM) *IRON
(NO) for treatment of iron deficiency

ferbam
(RN) 14484-64-1
(SY) ferric dimethyldithiocarbamate
(SY) Ferbam 76
(SY) iron N,N-dimethyldithiocarbamate
(HM) *DIMETHYLDITHIOCARBAMATE
(PA) FUNGICIDES, INDUSTRIAL
(NO) structure

Ferbam 76 see ferbam

Ferene-S
(RN) 79551-14-7
(SY) 3-(2-pyridyl)-5,6-bis(2-(furylsulfonic acid))-1,2,4-triazine
(HM) *TRIAZINES
(II) CHROMOGENIC COMPOUNDS
(NO) used for serum iron determinations

Ferene Triazine
(RN) 90358-65-9
(SY) 3-(2-pyridyl)-5,6-bis(2-furyl)-1,2,4-triazine
(HM) *TRIAZINES
(II) CHROMOGENIC COMPOUNDS
(NO) used for serum iron determinations; structure given in first source

ferlixit
(SY) iron(III) gluconate complex
(HM) *FERRIC COMPOUNDS
(HM) *GLUCONATES
(NO) used to induce siderosis in femal Wistar albino rats

fermacto 500
(SY) fermacto-500
(HM) *BIOLOGICAL PRODUCTS
(II) STREPTOMYCES
(II) FOOD, FORTIFIED
(NO) streptomyces fermentation residue used as food supplement for turkeys

fermacto-500 see fermacto 500

fermodulin
(HM) *METALLOPROTEINS
(PA) HYDROXYMETHYLGLUTARYL COA REDUCTASES/antag
(II) FERROUS COMPOUNDS
(NO) cytosolic protein capable of binding iron

fermosin
(HM) *YEAST, DRIED
(II) ANIMAL FEED
(NO) dry fodder yeast from Candida guilliermondii

Ferogradumet see ferrous sulfate

Ferrate see ferrate ion

ferrate ion
(RN) 16836-06-9
(SY) Ferrate
(HM) *IRON
(II) INDICATORS AND REAGENTS
(NO) structure

Ferrate(3-), ((N,N',N"-(2,6,10-trioxo-1,5,9-trioxacyclododecane-3,7,11-triyl)tris(2,3-dihydroxybenzamidato))(6-)-O2,O2',O2",O3,O3',O3")-, trihydrogen, stereoisomer see ferrienterochelin

ferredoxin-CO2 oxidoreductase see carbon dioxide reductase

ferredoxin-dependent glutamate synthase see glutamate synthase (ferredoxin)

ferredoxin-NAD+ reductase
(RN) EC 1.18.1.3
(SY) NADH-ferredoxin oxidoreductase
(HM) *OXIDOREDUCTASES

ferredoxin-nitrate reductase
(RN) EC 1.7.7.1
(HM) *NITRITE REDUCTASES

ferredoxin sulfite reductase see sulfite reductase (ferredoxin)

ferretin-daunomycin conjugate see daunomycin-ferretin conjugate

ferriagrobactin see agrobactin

ferric-adenosine triphosphate complex
(SY) Fe(III)-ATP complex
(SY) adenosine triphosphate-iron complex
(SY) ATP-Fe(III) complex
(HM) *ADENOSINE TRIPHOSPHATE
(HM) *FERRIC COMPOUNDS
(NO) model for ferritin & other polynuclear iron complexes with phosphate

ferric-ADP-adriamycin complex see doxorubicin-ferric-ADP complex

ferric-aerobactin see aerobactin

ferric ammonium citrate
(RN) 1185-57-5
(RR) 7050-19-3 (unspecified NH4-Fe salt)
(HM) *FERRIC COMPOUNDS
(HM) *AMMONIUM COMPOUNDS
(NO) RN given refers to unspecified NH4-Fe(+3) salt

ferric bleomycin see iron bleomycin

ferric chloride
(RN) 7705-08-0
(RR) 66546-71-2 (55Fe-labeled cpd)
(RR) 18497-67-1 (59Fe-labeled cpd)
(RR) 10025-77-1 (hexahydrate)
(RR) 54862-84-9 (dihydrate)
(RR) 58694-80-7 (dodecahydrate)
(RR) 52948-27-3 (2H2-labeled cpd hexahydrate)
(RR) 24290-40-2 (unspecified hydrate)
(RR) 58694-77-2 (hydrate(2:9))
(RR) 58694-78-3 (hydrate(2:5))
(RR) 60684-13-1 (monohydrate)
(RR) 58694-79-4 (nonahydrate)
(RR) 58694-76-1 (sesquihydrate)
(RR) 58694-75-0 (trihydrate)
(HM) *FERRIC COMPOUNDS
(NO) RN given refers to cpd with MF of Fe-Cl3

ferric citrate
(RN) 3522-50-7
(RR) 28633-45-6 (unspecified Fe(+3) salt)
(RR) 2338-05-8 (unspecified Fe salt)
(RR) 54063-42-2 (59Fe-labeled cpd)
(RR) 50515-28-1 (59Fe-labeled cpd unspecified Fe salt)
(RR) 57979-58-5 (dihydrate)
(RR) 17217-76-4 (trihydrate)
(SY) iron(III) citrate
(HM) *FERRIC COMPOUNDS
(NO) RN given refers to Fe(+3)[1:1] salt

ferric citrate receptor
(SY) receptor, ferric citrate
(SY) receptor protein FecA
(SY) ferric citrate receptor protein
(SY) ferric citrate receptors
(HM) *RECEPTORS, DRUG
(II) CITRATES
(NO) from E coli; see also related citrate-binding transport protein

ferric citrate receptor protein see ferric citrate receptor

ferric citrate receptors see ferric citrate receptor

ferric dimethyldithiocarbamate see ferbam

ferric EDTA see Fe(III)-EDTA

ferric enterochelin see ferrienterochelin

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ferric ferrocyanide
(RN) 14038-43-8
(RR) 12240-15-2 (cpd with unknown MF)
(SY) Berlin blue
(SY) Prussian blue
(SY) ferrihexacyanoferrate
(SY) ferrotsin
(HM) *FERROCYANIDES
(PA) ANTIDOTES
(II) DYES
(NO) antidote to thallium poisoning; RN given refers to Fe(+3)[3:4] salt; structure

ferric gluconate
(RN) 88088-23-7
(RR) 34089-81-1 (Na salt)
(SY) sodium iron(III)gluconate
(SY) Ferrlecit
(HM) *FERRIC COMPOUNDS
(NO) iron important in this cpd; RN given refers to ferric cpd

ferrichrome A
(RN) 15258-80-7
(RR) 39040-69-2 (K salt)
(HM) *FERRICHROME/analogs
(II) IONOPHORES
(II) IRON CHELATES
(NO) a trihydroxamate siderophore; RN given refers to parent cpd

ferrichrome, retrohydroxamate see retrohydroxamate ferrichrome

ferric hydroxide
(RN) 1309-33-7
(RR) 1317-63-1 (limonite)
(RR) 11113-66-9 (cpd with unspecified MF)
(SY) limonite
(SY) iron hydroxide (III)
(SY) iron hydroxide (Fe(OH)3)
(HM) *FERRIC COMPOUNDS
(NO) additional RN in Chemline for limonite: 1317-63-1; additional RNs for iron hydroxide oxide: 11115-92-7, 20344-49-4; RN for unspecified iron hydroxide: 11113-66-9

ferric hydroxide-polymaltose see teferrol

ferric lactobionate see lactobionic acid

ferric Lb reductase see ferric leghemoglobin reductase

ferric leghemoglobin reductase
(RN) EC 1.6.-
(SY) leghemoglobin reductase, ferric
(SY) ferric Lb reductase
(HM) *NADH, NADPH OXIDOREDUCTASES
(NO) from cytosol of soybean root nodules; reduces ferric leghemoglobin to the ferrous state

ferric nitrate
(RN) 10421-48-4
(RR) 14104-77-9 (unspecified Fe salt)
(RR) 13476-08-9 (hexahydrate)
(RR) 7782-61-8 (nonahydrate)
(RR) 53526-88-8 (octacosahydrate)
(RR) 53526-90-2 (octapentacontahydrate)
(RR) 53526-89-9 (octatriacontahydrate)
(RR) 53526-87-7 (pentadecahydrate)
(RR) 53526-86-6 (undecahydrate)
(HM) *FERRIC COMPOUNDS
(NO) RN given refers to Fe(+3) salt

ferric nitrilotriacetate
(RN) 16448-54-7
(SY) iron nitrilotriacetate
(HM) *FERRIC COMPOUNDS
(NO) induces diabetes in animals (iron loading)

ferric oxalate see oxalic acid

ferric oxide
(RN) 1309-37-1
(RR) 1317-60-8 (hematite)
(RR) 12259-21-1 (unspecified hydrate)
(RR) 12168-55-7 (mono-hydrate)
(SY) iron oxide
(SY) colcothar
(SY) hematite
(SY) C.I. 77491
(SY) red iron oxide
(HM) *FERRIC COMPOUNDS
(NO) RN given refers to cpd with MF of Fe2-O3; structure

ferric oxide, saccharated
(RN) 8047-67-4
(SY) iron oxide (saccharated)
(SY) ferri-saccharate
(SY) iron-saccharate
(SY) hippiron
(HM) *FERRIC COMPOUNDS
(II) ANEMIA/drug ther

ferric parabactin see parabactin

ferric phosphate
(RN) 10045-86-0
(RR) 13463-10-0 (dihydrate)
(RR) 13816-45-0 (li salt)
(RR) 51833-68-2 (unspecified hydrate)
(HM) *FERRIC COMPOUNDS
(NO) RN given refers to Fe(+3)[1:1] salt

ferric polymaltose see teferrol

ferric pseudobactin see pseudobactin

ferric pyridoxal isonicotinoyl hydrazone see pyridoxal isonicotinoyl hydrazone

ferric sodium edetate see Fe(III)-EDTA

ferric subsulfate see ferric subsulfate solution

ferric subsulfate solution
(RN) 1310-45-8
(SY) Monsel's solution
(SY) ferric subsulfate
(HM) *FERRIC COMPOUNDS
(HM) *SULFATES
(PA) HEMOSTATICS
(NO) styptic or hemostatic agent after superficial skin biopsis

ferric sulfate
(RN) 10028-22-5
(RR) 13761-89-2 (hexahydrate)
(RR) 43059-01-4 (monohydrate)
(RR) 13520-56-4 (nonahydrate)
(RR) 10124-49-9 (unspecified Fe salt)
(RR) 50814-98-7 (basic Fe salt)
(RR) 35139-28-7 (heptahydrate)
(RR) 15244-10-7 (unspecified hydrate)
(RR) 51033-89-7 (Fe salt trihydrate)
(RR) 22569-95-5 (Fe(+3)[2:1] salt tetrahydrate)
(HM) *FERRIC COMPOUNDS
(NO) RN given refers to Fe(+3)[3:2] salt)

ferric-TETA see iron-triethylenetetramine complex

ferricyanide see hexacyanoferrate III

ferricyanide reductase
(RN) EC 1.6.99.-
(SY) NADPH-ferricyanide reductase
(SY) NADH-ferricyanide dehydrogenase
(SY) NADH ferricyanide reductase
(SY) NADH ferricyanide oxidoreductase
(HM) NADH, NADPH OXIDOREDUCTASES
(NO) can be substituted for cytochrome b(5) reductase assay

ferricyanohemoglobin see cyanmethemoglobin

ferricytochrome b5 see cytochrome b5

ferricytochrome C-552 see cytochrome C-552

ferri-2,3-dihydroxybenzoic acid see 2-pyrocatechuic acid

ferrienterochelin
(RN) 62280-34-6
(SY) ferric enterochelin
(SY) Ferrate(3-), ((N,N',N''-(2,6,10-trioxo-1,5,9-trioxacyclododecane-3,7,11-triyl)tris(2,3-dihydroxybenzamidato))(6-)-O2,O2',O2'',O3,O3', O3'')-, trihydrogen, stereoisomer
(HM) *ENTEROCHELIN
(NO) ferric ion enterochelin complex

ferriferrous oxide see ferrosoferric oxide

ferri-heme undecapeptide
(RN) 30975-71-4
(SY) heme undecapeptide, cytochrome C
(SY) heme undecapeptides, anionized
(SY) heme undecapeptides, cationized
(HM) *HEMIN
(HM) *OLIGOPEPTIDES

ferrihexacyanoferrate see ferric ferrocyanide

ferrioxamine see ferrioxamine B

ferrioxamine B
(RN) 14836-73-8
(RR) 66748-32-1 (55Fe-labeled cpd)
(RR) 78040-41-2 (mono-methanesulfonate salt)
(SY) ferrioxamine B mesylate
(SY) ferrioxamine
(HM) *DEFEROXAMINE
(HM) *FERRIC COMPOUNDS
(II) IRON CHELATES
(NO) RN given refers to parent cpd; structure

ferrioxamine B mesylate see ferrioxamine B

ferripolyisomaltose see teferrol

ferripyochelin-binding protein
(SY) FPC-BP
(HM) *CARRIER PROTEINS
(II) BACTERIAL PROTEINS
(II) PHENOLS
(NO) MW 14K protein from cell envelopes of Pseudomonas aeruginosa low iron grown cells

ferri-saccharate see ferric oxide, saccharated

ferrisiderophore reductase
(RN) EC 1.6.-
(HM) *OXIDOREDUCTASES

ferrite
(RN) 1317-54-0
(SY) ferrospinel
(SY) ferromagnets
(HM) *FERRIC COMPOUNDS

ferritin hydrazide
(HM) FERRITIN/*analogs
(II) INDICATORS AND REAGENTS
(NO) adipic acid dihydrazide coupled to ferritin

ferritin-peanut agglutinin conjugate
(SY) PNA-F
(SY) peanut-lectin-ferritin conjugate
(HM) FERRITIN/*analogs
(HM) *LECTINS
(II) PEANUTS

ferritin-protein conjugates
(HM) *FERRITIN

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ferritin receptor
(SY) PCFR
(SY) polycationic ferritin receptor
(SY) polycationized ferritin receptors
(SY) receptor, polycationized ferritin
(SY) polycationized ferritin receptor
(SY) ferritin receptors
(SY) receptor, ferritin
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) FERRITIN

ferritin receptors see ferritin receptor

Ferrlecit see ferric gluconate

ferroactinolite
(RN) 12172-67-7
(SY) acetinolite
(SY) ferroactinolyte
(HM) *MINERALS
(PA) CARCINOGENS
(NO) non-asbestos mineral fibers containing silicon, iron, calcium, magnesium, manganese in order of decreasing amount; RN given refers to cpd with unknown MF

ferroactinolyte see ferroactinolite

ferrocene
(RN) 102-54-5
(SY) dicyclopentadienyliron
(HM) *ORGANOMETALLIC COMPOUNDS
(HM) *FERROUS COMPOUNDS
(NO) antiknock additive for gasoline; catalyst; structure

ferrocontia see ferroglycine sulfate

ferrocontin continus see ferroglycine sulfate

ferrocyanide see hexacyanoferrate II

ferroglucon see ferrous gluconate

ferroglycine sulfate
(RN) 17169-60-7
(SY) ferrous sulfate glycine complex
(SY) glycine-ferrous sulfate complex
(SY) ferrocontin
(SY) ferrocontin continus
(HM) GLYCINE/*analogs
(HM) *FERROUS COMPOUNDS
(PA) HEMATINICS
(NO) used in iron deficiency therapy

Ferro-Gradumet see ferrous sulfate

ferroin
(RN) 14708-99-7
(RR) 14634-91-4 (sulfate[1:1])
(RR) 14586-54-0 (diperchlorate)
(SY) ortho-phenanthroline
(HM) *PHENANTHROLINES
(II) INDICATORS AND REAGENTS
(NO) RN given refers to parent cpd

ferromagnets see ferrite

Ferronyn see ferrous succinate

Ferroplex
(RN) 55128-83-1
(HM) *ASCORBIC ACID
(HM) *FERROUS COMPOUNDS
(HM) DRUG COMBINATIONS
(NO) used for treatment of latent iron deficiency; contains Fe(II) sulfate & ascorbic acid (1:1); see also eryfer (contains same plus Na bicarbonate)

ferropolysaccharide
(HM) *DEXTRANS
(HM) *CARBOXYMETHYLCELLULOSE
(HM) *IRON
(HM) *IODAMIDE/analogs
(HM) DRUG COMBINATIONS
(NO) embolic agent which contains dextran, carboxymethylcellulose, iron powder & meglumine iodamide

ferroporphyrin
(RN) 25875-11-0
(SY) ferrous porphyrin
(HM) *METALLOPORPHYRINS

ferrosoferric oxide
(RN) 1317-61-9
(RR) 12419-59-9 (cpd with unspecified MF)
(RR) 1309-38-2 (magnetite)
(SY) magnetite
(SY) ferriferrous oxide
(HM) *IRON
(NO) ferromagnetic iron oxide; RN given refers to cpd with MF of Fe3-O4

ferrospinel see ferrite

ferrosuccinate see ferrous succinate

ferrotsin see ferric ferrocyanide

ferrous ammonium sulfate see ammonium ferrous sulfate

ferrous chloride
(RN) 7758-94-3
(RR) 13478-10-9 (tetrahydrate)
(RR) 14639-84-0 (Lawrencite)
(RR) 16399-77-2 (dihydrate)
(RR) 53723-83-4 (2H2-labeled cpd dihydrate)
(RR) 18990-23-3 (hexahydrate)
(RR) 53723-84-5 (2H2-labeled cpd hexahydrate)
(RR) 23838-02-0 (unspecified hydrate)
(RR) 20049-66-5 (monohydrate)
(RR) 53723-82-3 (2H2-labeled cpd monohydrate)
(RR) 35812-55-6 (nonahydrate)
(RR) 20049-60-9 (2H2-labeled cpd tetrahydrate)
(HM) *FERROUS COMPOUNDS
(NO) induces convulsions; RN given refers to parent cpd

ferrous citrate see monoferrous acid citrate

ferrous fumarate
(RN) 141-01-5
(RR) 7705-12-6 (unspecified Fe(+2) salt)
(SY) fersamal
(SY) feostat
(SY) ferrum-Hausmann
(HM) *FERROUS COMPOUNDS
(NO) used in treatment of iron deficiency anemia; RN given refers to Fe(+2)[1:1] salt

ferrous gluconate
(RN) 18829-42-0
(SY) ferroglucon
(SY) Dextriferron
(HM) *FERROUS COMPOUNDS
(NO) iron important in this cpd; RN given refers to ferrous cpd

ferrous oxide
(RN) 1345-25-1
(HM) *FERROUS COMPOUNDS

ferrous porphyrin see ferroporphyrin

ferrous succinate
(RN) 10030-90-7
(RR) 17022-52-5 (unspecified Fe(+2) salt)
(SY) ferrosuccinate
(SY) Ferromyn
(HM) *FERROUS COMPOUNDS
(NO) RN given refers to Fe(+2)[1:1] salt); important as iron supplement

ferrous sulfate
(RN) 7720-78-7
(RR) 8060-18-2 (former CAS registry number)
(RR) 7782-63-0 (heptahydrate)
(SY) Ferogradumet
(SY) ferrous sulphate
(SY) conferon
(SY) Ferro-Gradumet
(SY) feospan
(HM) *FERROUS COMPOUNDS
(II) DELAYED-ACTION PREPARATIONS
(NO) Ferro-Gradumet is ferrous sulfate in controlled release form; RN given refers to Fe(+2)[1:1] salt

ferrous sulfate glycine complex see ferroglycine sulfate

ferrous sulfide
(RN) 1317-37-9
(RR) 12022-88-7 (mackinawite)
(RR) 1317-96-0 (trolite)
(HM) *FERROUS COMPOUNDS
(NO) RN given refers to cpd with MF of Fe-S; mackinawite & troilite both have MF Fe-S

ferrous sulphate see ferrous sulfate

ferroxidase II
(RN) EC 1.-
(HM) *OXIDOREDUCTASES
(NO) this is not ceruloplasmin

ferruginine methiodide
(RN) 85514-41-6
(HM) *PYRIDINIUM COMPOUNDS
(II) RECEPTORS, NICOTINIC/drug eff
(NO) agonist of nicotinic acetylcholine receptors; structure given in first source

ferruginous bodies
(HM) *METALLOPROTEINS
(NO) iron-containing protein body with a fibrous core thought to be formed by macrophage cells attempting to phagocytize a foreign fiber(asbestos, fibrous glass, various vegetable fibers, silicate-containing minerals)

ferrum-Hausmann see ferrous fumarate

fersamal see ferrous fumarate

fertilerine
(SY) fertilerine acetate
(HM) LH-FSH RELEASING HORMONE/*analogs
(NO) increases ovulation in cattle

fertilerine acetate see fertilerine

fertirelin see LHRH, N-Et-ProNH(2)(9)-des-GlyNH(2)(10)-

ferulic acid
(RN) 1135-24-6
(RR) 1014-83-1 ((Z)-isomer)
(RR) 537-98-4 ((E)-isomer)
(RR) 24276-84-4 (mono-Na salt)
(SY) 4-hydroxy-3-methoxycinnamic acid
(SY) sodium ferulate
(HM) *COUMARIC ACIDS
(PA) CHOLAGOGUES AND CHOLERETICS
(PA) ANTICOAGULANTS
(II) INDICATORS AND REAGENTS
(II) PLANTS, MEDICINAL
(NO) widely distributed in small amounts in plants; RN given refers to cpd with unspecified isomeric designation

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fervenulin
(RN) 483-57-8
(SY) U-7118
(HM) TRIAZINES
(PA) ANTIBIOTICS
(NO) structure

festaclavin see costaclavin

fetal hemoglobin FIc see fetal hemoglobin F(Ic)

fetal hemoglobin F(Ic)
(SY) fetal hemoglobin FIc
(HM) *FETAL HEMOGLOBIN
(NO) minor fetal hemoglobin; contains gamma chains mostly acetylated at the amino terminus

fetal sialoglycoprotein see fetal sulfoglycoprotein antigen

fetal sulfoglycoprotein antigen
(SY) FSA
(SY) gastric fetal sulphoglycoprotein antigen
(SY) fetal sialoglycoprotein
(SY) acid gastric glycoprotein
(SY) antigen, fetal sulfoglycoprotein
(HM) *ANTIGENS
(HM) *GLYCOPROTEINS
(II) ANTIGENS, NEOPLASM
(NO) for cancer screening tests; normal structure in embryonal human alimentary canal; found regularly in gastric cancer cells & cancerous gastric juice; not found in gastric mucosa or gastric juice of young healthy subjects; occasionally found in non-malignant mucosal cells of gastric cancer patients; see also record for colonic-gastric mucus-associated antigens

fetal thymocyte antigen FT-1 see differentiation antigens, T lymphocyte

fetal thymocyte antigen FT-2 see differentiation antigens, T lymphocyte

Feto-Longoral
(HM) *VITAMINS
(II) FOOD, FORTIFIED
(NO) contains vitamins A1 acetate, B1.HCl, B2, B6.HCl, B12, C, E, niacinamide, folic acid, K aspartate & Mg

1-FETS see 1-(N)-fluoresceinylestrone thiosemicarbazone

feudomycin D
(RN) 80930-59-2
(SY) 9-methyl-10-hydroxydaunomycin
(HM) DAUNORUBICIN/*analogs
(NO) semisynthetic antibiotic; structure given in first source

Feulgen
(HM) *DYES
(II) STAINS AND STAINING
(NO) a stain test for nuclear material in cells due to presence of deoxyribose

fexinidazole
(RN) 59729-37-2
(SY) HOE 239
(HM) *NITROIMIDAZOLES
(PA) ANTIPROTOZOAL AGENTS
(NO) structure given in first source

Fe 169 see tardyferon

FF-ara-UMP see 2',5-difluoro-1-arabinosyluridine monophosphate

FF-ara-Ura see 2',5-difluoro-2'-deoxy-1-arabinosyluracil

FFdUMP see 5-fluoro-2',3'-dideoxy-3'-fluorouridine 5'-phosphate

3'-FFdUrd see 5-fluoro-2',3'-dideoxy-3'-fluorouridine

2-FFI see 2-(2-furoyl)-4(5)-(2-furanyl)-1H-imidazole

FFOMI see follicular fluid oocyte maturation inhibitor

FFP 38 see FFP-38

FFP-38
(SY) fiber-forming protein, Tetrahymena pyriformis
(SY) FFP 38
(HM) *PROTEINS
(NO) isolated from acetone powder of Tetrahymena pyriformis; has mol wt 38 000 D & forms tetramer 140 000 D, 9S in physiological conditions

FF 705
(RN) 74596-17-1
(SY) FF-705
(SY) 2'-deoxy-3',5'-di-O-acetyl-5-fluoro-3-(3-methylbenzoyl)uridine
(HM) FLUORODEOXYURIDINE/*analogs
(PA) ANTINEOPLASTIC AGENTS
(NO) structure given in first source

FF-705 see FF 705

FGAM synthetase see phosphoribosylformylglycinamidine synthetase

FGAR amidetransferase see phosphoribosylformylglycinamidine synthetase

FGAR synthetase see phosphoribosylformylglycinamidine synthetase

F-glycoprotein SV see virus fusion proteins

FG 4963 see femoxetine

FG6R see O-6-deoxy-6-((2-pyridyl)amino)-alpha-D-glucopyranosyl-(1-4)-O-alpha-D-glucopyranosyl-(1-4)-O-alpha-D-glucopyranosyl-(1-4)-O-alpha-D-glucopyranosyl-(1-4)-O-alpha-D-glucopyranosyl-(1-4)-D-glucitol

FG 7051 see paroxetine

FG-7142 see FG 7142

FG 7142
(RN) 23256-12-4
(SY) 1-methyl-beta-carboline-3-carboxamide
(SY) FG-7142
(HM) *CARBOLINES

FIAC see 2'-fluoro-5-iodo-1-beta-D-arabinofuranosylcytosine

FIAU see 1-(2-deoxy-2-fluoro-beta-arabinofuranosyl)-5-iodouracil

fiber see hexon

fiber-forming protein, Tetrahymena pyriformis see FFP-38

fiberglass
(SY) glass fibers
(HM) *GLASS
(NO) synthetic mineral fiber made from sand, limestone, soda; generally coated with phenolformaldehyde resins; morphological similarity to asbestos; potential hazard from air filters

fibrillin
(HM) *MICROFILAMENT PROTEINS
(NO) from ATP-ascorbic acid-extracted vertebrate muscle residue; filaments measure about 4nm in diameter

fibrin alpha chain receptor see fibrin receptor

fibrin destabilase
(RN) EC 3.4.99.-
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) hydrolyses the epsilon-(gamma-glutamyl)-lysine bonds of stabilized fibrin

fibrin Dusard see fibrinogen Dusard

fibrin-fibrinogen-related antigen see FR antigen

fibrin fragment beta 15-42 see Bbeta 15-42 peptide

fibrin fragment D
(SY) fibrin fragment D1 dimer
(HM) *FIBRIN FIBRINOGEN DEGRADATION PRODUCTS

fibrin fragment D1 dimer see fibrin fragment D

fibrin glue see fibrinogen adhesive

Fibrin Klebe System Immuno see fibrinogen adhesive

fibrinmonomer
(SY) fibrin monomer
(SY) fibrin monomer complexes
(HM) *FIBRIN FIBRINOGEN DEGRADATION PRODUCTS
(NO) converted from fibrinogen by thrombin action

fibrin monomer see fibrinmonomer

fibrin monomer complexes see fibrinmonomer

fibrinogen Adelaide
(HM) *FIBRINOGEN
(NO) abnormal fibrinogen causing hypodysfibrinogenemia

fibrinogen adhesive
(SY) fibrin glue
(SY) Fibrin Klebe System Immuno
(SY) fibrin seal
(SY) Tissucol
(HM) *FIBRINOGEN
(HM) *THROMBIN
(HM) *FACTOR XIII
(HM) DRUG COMBINATIONS
(II) TISSUE ADHESIVES
(NO) fibrinogen adhesive system for fixation of small osteochondral fragments containing highly concentrated fibrinogen, thrombin & factor XIII; promotes early revascularization

fibrinogen Almeria I
(SY) Almeria I fibrinogen
(HM) *FIBRINOGEN
(NO) abnormal fibrinogen; has prolonged latency time & decrease in rate of gelation; has unpolymerized alpha chains

fibrinogen Baltimore II
(HM) *FIBRINOGEN
(II) BLOOD COAGULATION DISORDERS
(NO) fibrinogen found in patient with congenital hypodysfibrinogenemia; causes delayed release of fibrinopeptide B & decreased rate of fibrinogen synthesis

fibrinogen Bbeta(1-21) see Bbeta 1-21 peptide

fibrinogen Bbeta (1-42) see fibrinogen fragment Bbeta1-42

fibrinogen Bbeta (30-43)
(SY) fibrinogen-derived vasoactive peptide
(SY) Bbeta (30-43)
(SY) peptide Bbeta (30-43)
(HM) *FIBRIN FIBRINOGEN DEGRADATION PRODUCTS
(HM) *PEPTIDE FRAGMENTS
(NO) corresponds to amino acid residues 30-43 of the human fibrinogen Bbeta-chain

fibrinogen Bern II
(HM) *FIBRINOGEN
(NO) hereditary fibrinogen variant with impaired release of fibrinopeptide A & markedly prolonged coagulation time; arginine replaced by histidine in position 16 of alpha chain

fibrinogen beta 15-42 see Bbeta 15-42 peptide

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fibrinogen Copenhagen II
(HM) *FIBRINOGEN
(NO) abnormal fibrinogen with increased sialic acid content associated with thrombotic tendency & normal liver function

fibrinogen-derived pentapeptide (43–47) see fibrinogen peptide 6A

fibrinogen-derived vasoactive peptide see fibrinogen Bbeta (30–43)

fibrinogen Dusard
(SY) fibrin Dusard
(HM) *FIBRINOGEN
(NO) abnormal fibrinogen characterized by abnormal fibrin monomer polymerization & a decrease by 50% of the binding of lysyl-plasminogen to fibrin clots

fibrinogen-fibrin-related antigen see FR antigen

fibrinogen fragment Bbeta(1–21) see Bbeta 1–21 peptide

fibrinogen fragment Bbeta1–42
(SY) fibrinogen Bbeta (1–42)
(SY) Bbeta 1–42 peptide
(HM) *FIBRIN FIBRINOGEN DEGRADATION PRODUCTS
(NO) rapidly cleaved from Bbeta chain of fibrinogen or from fibrin-containing FpB(fibrin I) by plasmin when the fibrinolytic system is activated; mediates vascular endothelial cell retraction in vitro; MW less than 10,000

fibrinogen D fragment
(SY) fibrinogen fragment D
(SY) fragment D, fibrinogen
(SY) fibrinogen fragment D1
(SY) fibrinogen fragment D2
(SY) fibrinogen fragment D3
(HM) *FIBRIN FIBRINOGEN DEGRADATION PRODUCTS

fibrinogen fragment D see fibrinogen D fragment

fibrinogen fragment D1 see fibrinogen D fragment

fibrinogen fragment D2 see fibrinogen D fragment

fibrinogen fragment D3 see fibrinogen D fragment

fibrinogen fragment E
(SY) serum fragment E
(SY) fibrinogen fragment E1
(HM) *FIBRIN FIBRINOGEN DEGRADATION PRODUCTS

fibrinogen fragment E1 see fibrinogen fragment E

fibrinogen fragment (Hol-DSK)
(HM) *FIBRIN FIBRINOGEN DEGRADATION PRODUCTS
(NO) contains all three chains of fibrinogen molecule; MW appr. 43,000; has effect on immune system

fibrinogen fragment X
(HM) *FIBRIN FIBRINOGEN DEGRADATION PRODUCTS
(PA) ANTICOAGULANTS
(II) CALCIUM-BINDING PROTEINS
(NO) large fragments (MW 240,000 to 265,000) formed early in the course of fibrinogen digestion by plasma

fibrinogen fragment Y
(SY) fibrinogen Y fragment
(SY) plasmin fragment Y
(HM) FIBRIN FIBRINOGEN DEGRADATION PRODUCTS
(NO) potentiates plasminogen activation

fibrinogen Y fragment see fibrinogen fragment Y

fibrinogen-gamma chain see fibrinopeptides gamma

fibrinogen Grenoble
(HM) *FIBRINOGEN
(II) BLOOD COAGULATION DISORDERS
(NO) fibrinogen with abnormal rate of fibrin monomer aggregation; has both normal & abnormal gamma chains of greater molecular mass

fibrinogen Haifa
(HM) *FIBRINOGEN
(II) BLOOD COAGULATION DISORDERS
(NO) abnormal fibrinogen with markedly abnormal thrombin replilase time; patient presenting peripheral arterial thrombosis

fibrinogen Kawaguchi
(HM) *FIBRINOGEN
(II) BLOOD COAGULATION DISORDERS
(NO) abnormal fibrinogen characterized by defective release of fibrinopeptide A

fibrinogen Logrono
(HM) *FIBRINOGEN
(II) BLOOD COAGULATION DISORDERS

fibrinogen Manchester see fibrinogen Petoskey

fibrinogen Nagoya
(HM) *FIBRINOGEN
(II) BLOOD COAGULATION DISORDERS
(NO) abnormal fibrinogen

fibrinogen New York 1
(SY) fibrinogen NY-1
(HM) *FIBRINOGEN
(II) THROMBOSIS
(NO) abnormal fibrinogen from family with thrombotic tendency; deletion of sequence Bbeta (9–72)

fibrinogen NY-1 see fibrinogen New York 1

fibrinogen Oslo IV
(HM) *FIBRINOGEN
(II) BLOOD COAGULATION DISORDERS
(NO) abnormal fibrinogen with polymerization defect in familial dysfibrinogenemia

6A fibrinogen peptide see fibrinogen peptide 6A

fibrinogen peptide 6A
(SY) Ala-Arg-Pro-Ala-Lys
(SY) 6A fibrinogen peptide
(SY) fibrinogen-derived pentapeptide (43–47)
(SY) peptide 6A, fibrinogen
(HM) *FIBRIN FIBRINOGEN DEGRADATION PRODUCTS
(NO) found in lysate from fibrinogen degraded by plasma

6D fibrinogen peptide see fibrinogen peptide 6D

fibrinogen peptide 6D
(SY)
Ser-Gln-Leu-Gln-Lys-Val-Pro-Pro-Glu-Trp-Lys
(SY) 6D fibrinogen peptide
(HM) *FIBRIN FIBRINOGEN DEGRADATION PRODUCTS
(NO) found in lysate from fibrinogen degraded by plasma

fibrinogen Petoskey
(SY) fibrinogen Manchester
(HM) *FIBRINOGEN
(II) BLOOD COAGULATION DISORDERS
(NO) abnormal fibrinogen in which Arg-A alpha 16 is relaced by a histidyl residue causing dysfibrinogenemia

fibrinogen receptor
(SY) fibrinogen receptors
(SY) receptor, fibrinogen
(SY) glycoprotein IIb-IIIa complex
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) FIBRINOGEN
(NO) induced on human platelets by epinephrine or epinephrine & ADP

fibrinogen receptors see fibrinogen receptor

Fibrinogen Schwarzach
(HM) *FIBRINOGEN
(II) BLOOD COAGULATION DISORDERS
(NO) abnormal fibrinogen in which Fibrinopeptide A alpha 16 arginine is replaced by cysteine

fibrinogen Seattle
(HM) *FIBRINOGEN
(II) BLOOD COAGULATION DISORDERS
(NO) clinically silent, slow-clotting dysfibrinogen, releases 50% of normal amount of fibrinopeptide B

fibrinogen Seattle II
(HM) *FIBRINOGEN
(NO) exhibits delayed release of fibrinopeptide A, delayed onset of clotting & decreased rate of clot formation

fibrinogen Sydney I
(HM) *FIBRINOGEN
(II) BLOOD COAGULATION DISORDERS
(NO) fibrinogen from case of disfibrinogenemia; Aalpha arginine(16) replaced by histidine

fibrinogen Tokyo II
(HM) *FIBRINOGEN
(NO) abnormal fibrinogen with mutation in the D domain of the fibrin polymerization site

fibrinopeptide Bbeta 15–42
(SY) fibrinopeptide B beta15–42
(SY) FP-Bbeta 15–42
(HM) *FIBRINOPEPTIDES B
(HM) *PEPTIDE FRAGMENTS

fibrinopeptide B beta15–42 see fibrinopeptide Bbeta 15–42

fibrinopeptide B, desarginyl
(RN) 71494-32-1
(SY) desarginyl-FPB
(HM) *FIBRINOPEPTIDES B

fibrinopeptides gamma
(SY) fibrinogen-gamma chain
(HM) *FIBRINOGEN

fibrin receptor
(SY) receptor, fibrin
(SY) fibrin receptors
(SY) fibrin alpha chain receptor
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) FIBRIN
(NO) receptor for amino terminus of fibrin alpha chain

fibrin receptors see fibrin receptor

fibrin-related antigen see FR antigen

fibrin seal see fibrinogen adhesive

fibrin sealant system
(HM) *FIBRINOGEN
(HM) *FACTOR XIII
(HM) *FIBRONECTINS
(HM) *THROMBIN
(HM) DRUG COMBINATIONS
(PA) HEMOSTATICS
(II) FIBRIN
(II) ANTIFIBRINOLYTIC AGENTS
(II) TISSUE ADHESIVES
(NO) two component system from human plasma serving triple purpose of tissue sealing, hemostasis & wound healing; sealant contains highly concentrated fibrinogen, factor XIII, plasma fibronectin, traces of plasminogen & other plasma proteins such as albumin; second component contains thrombin & CaCl2; antifibrinolytic agent such as aprotinin or C1-esterase also added; when two components mix, clotting begins, fibrin forms & cross-links

fibroblast growth inhibitory lymphokine see fibroblast proliferation inhibitor

fibroblast growth inhibitory proteins see fibroblast proliferation inhibitor

fibroblast migration inhibitory factor
(SY) FMIF
(HM) *LYMPHOKINES
(II) CELL MIGRATION INHIBITION

fibroblast pneumonocyte factor
(HM) *FIBROBLAST GROWTH FACTOR
(NO) low-molecular wt polypeptide produced by fetal lung in response to glucocorticoids; exogenous cpd has been shown to accelerate lung maturation

fibroblast proliferation inhibitor
(SY) inhibitor of fibroblast proliferation
(SY) fibroblast growth inhibitory proteins
(SY) FBGIP
(SY) fibroblast growth inhibitory lymphokine
(HM) *GLYCOPEPTIDES
(PA) GROWTH INHIBITORS
(II) FIBROBLASTS/drug eff
(II) LYMPHOKINES

fibrolan see elase

fibrolax
(HM) *PLANT EXTRACTS
(PA) CATHARTICS
(NO) bulk forming laxative containing Isphaghula husk; RN not in Chemline 6/14/83

fibrolen see elase

fibronectin-binding glycoprotein see fibronectin receptor

fibronectin binding protein see fibronectin receptor

fibronectin, glycosylated
(SY) glycated fibronectin
(SY) glycosylated fibronectin
(HM) *FIBRONECTINS

fibronectin receptor
(SY) receptor, fibronectin
(SY) cold-insoluble globulin receptors
(SY) fibronectin receptors
(SY) fibronectin binding protein
(SY) fibronectin-binding glycoprotein
(HM) *RECEPTORS, IMMUNOLOGIC
(II) FIBRONECTINS

fibronectin receptors see fibronectin receptor

FIBS
(HM) *PLANT EXTRACTS
(NO) biostimulator

FICAM 80W see bendiocarb

ficaprenol see undecaprenol

ficaprenyl alpha-D-galactosyl diphosphate see ficaprenyl galactosyl diphosphate

ficaprenyl galactosyl diphosphate
(RN) 29560-39-2
(SY) galactosyl ficaprenyl diphosphate
(SY) ficaprenyl alpha-D-galactosyl diphosphate
(HM) *POLYISOPRENYL PHOSPHATE MONOSACCHARIDES
(NO) RN given refers to (D)-isomer; RN for cpd without isomeric designation not in Chemline 6/27/83

ficoll-fluorescein 5-isothiocyanate see fluorescein 5-isothiocyanate-Ficoll

filaggrin see Stratum corneum basic protein

filamin see filamins

filamins
(SY) merofilamins
(SY) filamin
(HM) *CONTRACTILE PROTEINS
(HM) *MICROFILAMENT PROTEINS
(II) CARRIER PROTEINS
(NO) found in smooth muscle & non-muscle cells

fillcanal
(RN) 87139-71-7
(HM) *EUGENOL
(HM) *ZINC OXIDE
(HM) *BISMUTH
(HM) *BARIUM SULFATE
(HM) *RESINS, SYNTHETIC
(HM) *BORATES
(HM) DRUG COMBINATIONS
(II) ROOT CANAL FILLING MATERIALS
(NO) combination of eugenol, zinc oxide, Staybelite resin, bismuth subcarbonate, barium sulfate, sodium borate

p-fimbriae receptors see pili, bacterial receptor

fimbrial colonization factor antigen-1 see colonization factor antigens

fimbrillin
(HM) *BACTERIAL PROTEINS
(NO) monomer protein found in Bacteroides gingivalis fimbriae; MW 43,000

fimbrin
(HM) *MEMBRANE PROTEINS
(II) CARRIER PROTEINS
(NO) microfilament-associated protein present in microvilli & other cell surface structures

F.E.I.B.A Immuno see Factor IX, activated

finesse
(RN) 76363-65-0
(HM) *COMPOSITE RESINS

Fiorinal
(RN) 51005-25-5
(SY) dolomo
(HM) *BARBITURATES
(HM) *ASPIRIN
(HM) *PHENACETIN
(HM) DRUG COMBINATIONS
(PA) ANALGESICS
(NO) combination drug of butalbital, caffeine, aspirin, and phenacetin

fipexide
(RN) 34161-24-5
(HM) *PIPERAZINES
(NO) regulates dopaminergic systems at macromolecular level

FIRA see falciparum interspersed repeat antigen

Firemaster BP-6
(RN) 59536-65-1
(SY) Firemaster BP 6
(HM) *POLYBROMOBIPHENYL COMPOUNDS
(II) FLAME RETARDANTS

Firemaster BP 6 see Firemaster BP-6

Firemaster FF-1
(RN) 67774-32-7
(SY) firemaster FF 1
(HM) *POLYBROMOBIPHENYL COMPOUNDS
(II) FLAME RETARDANTS

firemaster FF 1 see Firemaster FF-1

fisetin
(RN) 528-48-3
(HM) *FLAVONES

fisioquens see Ministat

FIT see fentanyl isothiocyanate

FIT alkylating agent see fentanyl isothiocyanate

FITC see fluorescein-5-isothiocyanate

FITC-avidin see fluorescein isothiocyanate avidin

FITC-BSA see fluorescein isothiocyanate bovine serum albumin

FITC-Con A see fluorescein isothiocyanate-concanavalin A

FITC-dextran see fluorescein isothiocyanate dextran

FITC dextrans see fluorescein isothiocyanate dextran

FITC-Ficoll see fluorescein 5-isothiocyanate-Ficoll

FITC -Lys(23)-alpha-cobratoxin see cobra alpha toxin, N(epsilon)-fluorescein isothiocyanate-lysine-23-

FITC-Lys(23)-cobratoxin see cobra alpha toxin, N(epsilon)-fluorescein isothiocyanate-lysine-23-

FITC-lysine-dextran see fluorescein isothiocyanate lysine dextran

FITT dental tissue conditioner
(SY) FITT 1.5-1
(SY) FITT 2-1
(HM) *ACRYLIC RESINS
(HM) *PHTHALIC ACIDS
(II) TISSUE CONDITIONING (DENTAL)

FITT 1.5-1 see FITT dental tissue conditioner

FITT 2-1 see FITT dental tissue conditioner

F.I. 6654 see caroxazone

FI-7303 see FI 7303

FI 7303
(RN) 51164-29-5
(SY) benzamidomethyl benzylpenicillinate
(SY) FI-7303
(SY) benzylpenicillin-benzamidomethyl ester
(HM) PENICILLIN G/*analogs
(NO) structure

FK027 see FK 027

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FK 027
(RN) 79350-37-1
(SY) FK-027
(SY) FK 27
(SY) 2-(2-amino-4-thiazolyl)-2-(carboxymethoxyimino) acetamido)-8-oxo-3-vinyl-5-thia-1-azabicyclo(4. 2.0)oct-2-ene-2-carboxyli.. acid
(SY) FK027
(SY) FR 17027
(SY) FR-17027
(HM) CEFOTAXIME/*analogs
(NO) structure given in first source

FK-027 see FK 027

FK 1160 see tiaramide

FK-156
(RN) 76490-22-7
(RR) 76548-43-1 ((D)(R)-isomer)
(SY) FK 156
(SY) Glycine, N-(2-hydroxy-1-oxopropyl)-L-alanyl-D-gamma-glutamyl-meso-alpha,epsilon- diaminopimelyl-, (R)-
(HM) *DIAMINOPIMELIC ACID/analogs
(PA) IMMUNOSTIMULANTS
(NO) structure given in first source; RN given refers to ((L)(R)-isomer; cpd without isomeric designation not in Chemline 6/84

FK 156 see FK-156

FK 27 see FK 027

FK 316
(RN) 81460-15-3
(SY) FK-316
(SY) 4-(2-(dimethylamino)ethylaminocarbonyl)phenyl 1, 2,3,4-tetrahydro-1-naphthoate hydrochloride
(HM) *ETHYLENEDIAMINES
(PA) PROTEASE INHIBITORS
(NO) structure given in first source

FK-316 see FK 316

FK33-824 see FK 33824

FK 33824
(RN) 81031-36-9
(SY) FK-33824
(SY) FK33-824
(HM) ENKEPHALIN, METHIONINE/*analogs

FK-33824 see FK 33824

FK 375
(RN) 85476-81-9
(SY) FK-375
(SY) 4-(2-(4-pyrrolidinocarbonylmethyl)piperazino) ethyloxycarbonyl)phenyl 5-methoxyindole-3- acetate dihydrochloride
(HM) *PIPERAZINES
(PA) PROTEASE INHIBITORS
(NO) structure given in first source

FK-375 see FK 375

FK 386
(RN) 85476-90-0
(SY) FK-386
(SY) 4-((2-(4-(piperazinocarbonylmethylpiperazino) ethyl)oxycarbonyl)phenyl 1-naphthylacetate dihydrochloride
(HM) *PIPERAZINES
(PA) PROTEASE INHIBITORS
(NO) structure given in first source

FK-386 see FK 386

FK 401
(RN) 85476-59-1
(RR) 85476-62-6 (tri-HCl)
(SY) FK-401
(SY) 4-((2-(4-(2-morpholino)ethyl)piperazinyl)ethyl) oxycarbonyl)phenyl 5-methoxy-2-methylindole-3-acetate trihydrochloride
(HM) *PIPERAZINES
(PA) PROTEASE INHIBITORS
(NO) RN given refers to parent cpd; structure given in first source

FK-401 see FK 401

FK 448
(RN) 85858-77-1
(SY) FK-448
(SY) 4-(4-isopropylpiperazinocarbonyl)phenyl 1,2,3,4-tetrahydro-1-naphthoate methanesulfonate
(HM) *PIPERAZINES
(PA) PROTEASE INHIBITORS
(NO) RN given refers to methanesulfonate; RN for parent cpd not in Chemline 6/84; structure given in first source

FK-448 see FK 448

FK 565
(RN) 79335-75-4
(SY) FK-565
(SY) heptanoyl-gamma-D-glutamyl-L-meso-diaminopimelyl-D-alanine
(HM) *DIAMINOPIMELIC ACID/analogs
(PA) IMMUNOSTIMULANTS
(NO) synthetic cpd; RN given refers to (D-Ala-D-Glu-erythro-L)-isomer; RN for cpd without isomeric designation not in Chemline 11/21/83; structure given in first source

FK-565 see FK 565

FK 749 see ceftizoxime

FK749 see ceftizoxime

flacitran see luteolin

flagella root protein
(HM) *CALCIUM-BINDING PROTEINS
(HM) *PHOSPHOPROTEINS
(II) FLAGELLA
(NO) phosphoprotein with MW 20,000 isolated from striated flagellar roots; largely responsible for mobile behavior of flagella

Flamin
(RN) 12737-54-1
(HM) *PLANT EXTRACTS
(PA) CHOLAGOGUES AND CHOLERETICS
(II) PLANTS, MEDICINAL
(NO) Purified prep containing all active substances in Helichrysum arenarium flowers

FLAP see dichlorobis(1-(2-hydroxyethyl)-2-methyl-5-nitroimidazole)platinum (II)

flavanhexanol see leucocyanidin

3,3',4,4',5,7-flavanhexanol see leucocyanidin

flavanone
(RN) 487-26-3
(RR) 24271-98-5 ((+-)-isomer)
(RR) 17002-31-2 ((S)-isomer)
(RR) 27439-12-9 ((R)-isomer)
(RR) 75524-43-5 (2-(14)C-labeled cpd)
(SY) (+-)-flavanone
(HM) *FLAVONES
(NO) RN given refers to cpd with unspecified isomeric designation; structure in first source

(+-)-flavanone see flavanone

flavanone synthetase
(RN) EC 2.3.1.-
(SY) chalcone synthase
(HM) *ACYLTRANSFERASES
(NO) forms naringenin & eriodictytol from malonyl-CoA & p-coumaroyl-CoA or malonyl-CoA + caffeoyl-CoA, respectively

flavaspidic acid
(RN) 114-42-1
(HM) *BUTYROPHENONES
(NO) isolated from rhizomes of male fern; structure

flavaspidic acid-N-methylglucaminate
(RN) 992-18-7
(HM) *BUTYROPHENONES

flavellagic acid
(RN) 741-67-3
(RR) 63551-30-4 (di-Na salt)
(HM) *ELLAGIC ACID/analogs
(NO) RN given refers to parent cpd; structure

flavin-containing monoxygenase see dimethylaniline monooxygenase (N-oxide forming)

flavin mononucleotidase see FMN phosphatase

flavin mononucleotide reductase
(RN) EC 1.6.99.-
(SY) flavin reductase
(SY) FMN reductase
(SY) NAD(P)H-FMN oxidoreductase
(SY) NADH-FMN oxidoreductase
(SY) NAD(P)H-flavin oxidoreductase
(SY) NADPH-flavin reductase
(SY) NADH-flavin oxidoreductase
(HM) *NADH, NADPH OXIDOREDUCTASES
(NO) NAD(P)H + H+ + FMN yields NAD(P)(+) + FMNH(2)

flavin mononucleotide semiquinone
(RN) 34469-63-1
(SY) FMN semiquinone
(HM) FMN/*analogs
(NO) RN given in first source; RN not in Chemline 12/84

flavin 2-S-oxide see blue flavin

flavin reductase see flavin mononucleotide reductase

flavin semiquinone
(SY) FAD semiquinone
(HM) FAD/*analogs
(NO) chromophore found in methanol oxidase

flaviolin
(RN) 479-05-0
(HM) *NAPHTHOQUINONES
(NO) isolated from mutants of Wangiella dermatitidis; structure given in first source

Flavobacterium heparinum 2-O-sulphatase see oligosaccharide 2-O-sulfatase

flavochrome p-cresol methylhydrolase see p-cresol oxidoreductase

flavocytochrome b2 see lactate dehydrogenase (cytochrome)

flavocytochrome C-552 see cytochrome C-552

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flavodic acid
(RN) 37470-13-6
(RR) 13358-62-8 (di-Na salt)
(SY) 2-phenyl-gamma-benzopyrone-5,7-dioxyacetate
(SY) benzogammapirone
(SY) 2-phenyl-5,7-dioxyacetate-benzo- gamma-pyrone
(SY) pericel
(SY) flavodic acid sodium salt
(HM) *FLAVONES
(NO) capillary protective agent; RN given refers to parent cpd; structure

flavodic acid sodium salt see flavodic acid

flavofungin
(RN) 11006-22-7
(HM) LACTONES
(PA) ANTIBIOTICS, ANTIFUNGAL
(NO) macrolide antifungal antibiotic; mixture of 13,15,17,19, 21,23,25,27-octahydroxy-31-isopropyl- & 13,15,17,19,21, 23,25,27-octahydroxy-31-sec-butyl-14-methylhentriaconta- 2,4,6,8,10,28-hexaene-31-olide

flavoglaucin
(RN) 523-73-9
(HM) *GENTISATES
(NO) structure

Flavokinase see riboflavin kinase

flavomycoin
(RN) 11076-76-9
(SY) roflamycoin
(HM) POLYENES
(PA) ANTIBIOTICS, ANTIFUNGAL
(NO) isolated from Streptomyces roseoflavus

flavone
(RN) 525-82-6
(RR) 78081-75-1 (14C-labeled cpd)
(HM) *FLAVONES
(NO) RN given refers to unlabeled cpd; structure given in first source

flavone O-7-beta-glucosyltransferase see UDPglucose-flavonol glucosyltransferase

flavonoid O-3-glucosyltransferase see UDPglucose-flavonol glucosyltransferase

flavonoid 3'-hydroxylase see flavonoid 3'-monooxygenase

flavonoid 3'-monooxygenase
(RN) EC 1.14.13.21
(SY) flavonoid 3'-hydroxylase
(HM) *HYDROXYLASES
(NO) NADPH, dioxygen dependent hydroxylase

flavonol 3-O-methyltransferase see quercetin O-3-methyltransferase

flavonol 4'-O-methyltransferase see apigenin O-4'-methyltransferase

flavonol 6-O-methyltransferase see 3,7,3'-trimethylquercetagetin O-6-methyltransferase

flavonol 7-O-methyltransferase see 3-methylquercetin 0-7-methyltransferase

flavonol 3-OMT see quercetin O-3-methyltransferase

flavonol 4'-OMT see apigenin O-4'-methyltransferase

flavonol 6-OMT see 3,7,3'-trimethylquercetagetin O-6-methyltransferase

flavonol 7-OMT see 3-methylquercetin 0-7-methyltransferase

flavonol RBO glucosyltransferase see UDPglucose-flavonol-ring-B-O-glucosyltransferase

flavonol-ring-B O-glucosyltransferase see UDPglucose-flavonol-ring-B-O-glucosyltransferase

flavonols
(HM) *FLAVONES
(II) BIOFLAVONOIDS

flavopentin
(RN) 68248-02-2
(HM) POLYENES
(PA) ANTIBIOTICS
(PA) ANTIBIOTICS, ANTIFUNGAL

flavopereirine
(RN) 6784-38-9
(HM) *ALKALOIDS
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(NO) structure given in first source

flavoprotein dihydrosphingosine reductase see dihydrosphingosine reductase

flavosemiquinone
(HM) *QUINONES

flavotoxin A
(HM) *BACTERIAL TOXINS
(II) FLAVOBACTERIUM
(NO) heat resistant toxin with low MW of 169; isolated from semisolid potato dextrose agar medium after inoculation with flavobacterium farinofermentans sp. nov.

FLA-136 see FLA 136

FLA 136
(RN) 55248-23-2
(RR) 55248-22-1 (mono-HCl)
(SY) 4-amino-3-(2,6-dichlorobenzylidenehydrazino)-1, 2,4-triazole
(SY) FLA-136
(HM) *TRIAZOLES
(PA) ADRENERGIC ALPHA RECEPTOR AGONISTS
(NO) RN given refers to parent cpd

FLA 336(+) see amiflamin

FLA 336 see amiflamin

FLA-336 see amiflamin

FLA 57 see FLA-57

FLA-57
(RN) 26865-04-3
(SY) 4-methyl-1-homopiperazinedithiocarboxylic acid
(SY) FLA 57
(HM) *AZEPINES
(NO) dopamine beta-hydroxylase inhibitor

FLA-731(-) see remoxipride

FLA 731(-) see remoxipride

FLA-788 see FLA 788

FLA 788
(RN) 79567-43-4
(RR) 84257-39-6 (fumarate(S)(R-(R*,R*)-isomer)
(SY) 4-methylamino-alpha,2-dimethylphenethylamine
(SY) FLA-788
(HM) *PHENETHYLAMINES
(PA) MONOAMINE OXIDASE INHIBITORS
(NO) structure given in first source; RN given refers to (+)-isomer; RN for cpd without isomeric designation not in Chemline 6/84

FLA-870 see raclopride

FLA 870 see raclopride

FLB-131 see eticlopride

FLB 131 see eticlopride

FLB 524
(SY) FLB-524
(HM) *BENZAMIDES
(NO) structure given in first source

FLB-524 see FLB 524

flecainide
(RN) 54143-55-4
(RR) 54143-56-5 (monoacetate)
(SY) R818 (acetate)
(SY) flecainide acetate
(HM) *PIPERIDINES
(PA) ANTI-ARRHYTHMIA AGENTS
(NO) RN given refers to parent cpd; structure

flecainide acetate see flecainide

flectadol see Solusprin

flectalon
(HM) *POLYVINYL CHLORIDE
(HM) *ALUMINUM
(II) BODY TEMPERATURE REGULATION
(NO) web of aluminized polyvinyl chloride fibers; used as insulating material & to maintain body temperature

fleet enema see sodium phosphate

FLETOOH see 4 alpha-hydroperoxy-5-ethyl-3,8,10-trimethylisoalloxazine

F-leurosine see formyl-leurosine

Flexeril see cyclobenzaprine

FLIT-MLO
(RN) 37223-73-7
(HM) *HYDROCARBONS
(PA) INSECTICIDES
(II) PETROLEUM

floccosin
(RN) 11055-01-9
(HM) *NAPHTHOQUINONES
(II) PIGMENTS
(II) MYCOTOXINS
(NO) from Microsporum cookei & Epidermophyton floccosum

Flogar see oxamethacin

florantyrone
(RN) 519-95-9
(SY) flurantyron
(SY) zanchol
(HM) *FLUORENES
(PA) CHOLAGOGUES AND CHOLERETICS
(NO) structure

flordipine
(RN) 77590-96-6
(SY) RHC 2906
(SY) RHC-2906
(SY) diethyl 1,4-dihydro-2,6-dimethyl-1-(2-morpholinoethyl)-4-(alpha,alpha,alpha-trifluoro-2-tolyl)-3,5-pyridinedicarboxylate
(HM) *NICOTINIC ACIDS
(PA) ANTIHYPERTENSIVE AGENTS
(NO) RN & structure from USAN 1985; RN not in Chemline 9/84

florenal
(RN) 42834-66-2
(HM) *FLUORENES
(PA) ANTIVIRAL AGENTS
(NO) structure

floridin see Fuller's Earth

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Florisil
(RN) 1343-88-0
(SY) magnesium silicate
(HM) *SILICIC ACID
(NO) hard, porous, granular substance used in vitamin analysis, chromatography, & antibiotic processing

florose see diflorasone diacetate

Florox Reagent
(RN) 57981-02-9
(SY)
O-(2,3,4,5,6-pentafluorobenzyl)hydroxylamine.HCl
(SY) pentafluorobenzyloxylamine
(SY) PFBOA
(SY) pentafluorobenzyloxylammonium
(HM) *HYDROXYLAMINES
(II) INDICATORS AND REAGENTS
(NO) reagent for analysis of ketosteroids; structure

6-flouoro-5-hydroxytryptamine see 6-fluoroserotonin

floxacrine
(RN) 53966-34-0
(SY)
7-chloro-10-hydroxy-3-(4-trifluoromethylphenyl)-3,4-dihydroacridine-1,9(2H,10H)-dione
(SY) HOE 991
(HM) *ACRIDINES
(PA) ANTIMALARIALS

FL-phalloidin
(SY) phalloidine-FTIC
(HM) *PHALLOIDINE/analogs
(II) FLUORESCENT DYES
(II) FLUORESCEINS
(NO) fluorescent derivative of Amanita phalloides toxin which stains microfilament bundles of fixed culture cells with high degree of specificity due to phalloidin binding only to F-actin & not to G-actin

FLP recombinase
(RN) EC 2.7.7.-
(HM) *DNA NUCLEOTIDYLTRANSFERASES
(NO) introduces site-specific single- & double-strand breaks into substrate DNA

FLTHS see fluorescein thiosemicarbazide

fluanisone
(RN) 1480-19-9
(RR) 17160-71-3 (mono-HCl)
(RR) 1535-12-2 (di-HCl)
(SY) haloanisone
(SY) haloanizone
(HM) *BUTYROPHENONES
(PA) BUTYROPHENONE TRANQUILIZERS
(PA) TRANQUILIZING AGENTS
(PA) HYPNOTICS AND SEDATIVES
(NO) former provisional as haloanisone; structure; RN given refers to parent cpd

flubendazole
(RN) 31430-15-6
(SY) methyl(5-(4-fluorobenzoyl)-1H-benzimidazol- 2-yl)carbamate
(SY) fluoromebendazole
(HM) MEBENDAZOLE/*analogs
(PA) ANTINEMATODAL AGENTS
(NO) the p-fluoro analog of mebendazole

fluchloralin
(RN) 33245-39-5
(SY) Basalin
(SY) N-(2-chloroethyl)-2,6-dinitro-N-propyl-4-(trifluoromethyl)aniline
(HM) *ANILINE COMPOUNDS
(PA) HERBICIDES
(NO) structure

flucloronide see flucloronide

flucloronide
(RN) 3693-39-8
(SY) flucloronide acetonide
(HM) *PREGNADIENETRIOLS
(II) GLUCOCORTICOIDS, TOPICAL
(NO) synthetic glucocorticoid with anti-inflammatory properties; minor descriptor (75-83); on-line & Index Medicus search PREGNADIENETROLS (75-83); RN given refers to (6alpha,11beta,16alpha)-isomer; RN for cpd without isomeric designation not in Chemline 8/5/83; structure

flucrylate
(RN) 23023-91-8
(SY) MBR 4197
(SY) fluoropropylcyanoacrylate
(HM) *CYANOACRYLATES
(II) TISSUE ADHESIVES

fludalanine
(RN) 35523-45-6
(SY) 3-fluoro-2-deutero-D-alanine
(HM) ALANINE/*analogs
(NO) RN from USAN; RN not in Chemline 8/85; structure given in USAN

fludarabine monophosphate
(RN) 75607-67-9
(SY) NSC 312887
(SY) 9 beta-D-arabinofuranosyl-2-fluoroadenine monophosphate
(SY) NSC-312887
(SY) fluoro-ara-AMP
(HM) *ARABINOFURANOSYLADENINE MONOPHOSPHATE/analogs
(PA) ANTIMETABOLITES, ANTINEOPLASTIC
(NO) structure given in first source

fludarene
(RN) 23915-80-2
(SY) chromocarb diethylamine
(HM) *CHROMONES
(HM) *DIETHYLAMINES
(HM) DRUG COMBINATIONS
(NO) treatment for certain forms of hemorrhagic anal inflammations

fludiazepam
(RN) 60918-52-7
(HM) DIAZEPAM/*analogs

fludiazepan
(RN) 3900-31-0
(RR) 67326-51-6 (cpd with unspecified fluorine locant)
(SY) 1-methyl-5-(2-fluorophenyl)-7-chloro-1,3-dihydro-2H-(1,4)benzodiazepin-2-one
(SY) ID 540
(HM) DIAZEPAM/*analogs
(PA) ANTICONVULSANTS
(PA) BENZODIAZEPINE TRANQUILIZERS
(NO) RN given refers to parent cpd; structure

fludrocortisone 21-acetate
(RN) 514-36-3
(SY) fluorocortisol acetate
(SY) 9 alpha-fluorocortisol acetate
(HM) FLUDROCORTISONE/*analogs

fluenethyl
(RN) 4301-50-2
(SY) 2-fluoroethyl 4-biphenylacetate
(HM) *BIPHENYL COMPOUNDS
(PA) INSECTICIDES
(NO) structure

flufyllin see flufylline

flufylline
(RN) 82190-91-8
(SY) Sgd 19578
(SY) flufyllin
(SY) 7-(2-(4-(4-fluorobenzoyl)piperidino)ethyl) theophylline
(SY) Sgd-19578
(HM) THEOPHYLLINE/*analogs
(NO) has blood pressure lowering, serotonin & histamine antagonistic & broncholytic activity; RN given from USAN 1984; RN not in Chemline 3/84; structure given in first source

flumazepil see RO 15-1788

flumecinol
(RN) 56430-99-0
(SY) zixoryn
(SY) m-trifluoromethyl-alpha-ethylbenzhydrol
(SY) 1-(3-trifluoromethylphenyl)-1-phenylpropanol
(SY) RGH 3332
(HM) *BENZHYDRYL COMPOUNDS
(II) ENZYME INDUCTION/drug eff
(NO) liver microsomal drug metabolizing enzyme inducer

flumequine
(RN) 42835-25-6
(SY) R-802
(SY) R 802
(SY) apurone
(HM) *QUINOLIZINES
(PA) ANTI-INFECTIVE AGENTS, URINARY
(PA) ANTI-INFECTIVE AGENTS
(NO) structure

flumethasone dimethylpropionate see flumethasone pivalate

flumethasone pivalate
(RN) 2002-29-1
(SY) locacorten
(SY) locorten
(SY) flumethasone dimethylpropionate
(HM) FLUMETHASONE/*analogs
(NO) structure

flumethrin
(RN) 69770-45-2
(HM) *PYRETHRINS
(NO) synthetic pyrethrin insecticide

flumezapine
(RN) 61325-80-2
(SY)
7-fluoro-2-methyl-4(4-methyl-1-piperazinyl)-10H-thieno(2,3b)(1,5)benzodiazepine
(HM) *BENZODIAZEPINES
(PA) ANTIPSYCHOTIC AGENTS
(NO) structure given in first source

flumidine see moroxydine

flumolol
(HM) *PROPANOLAMINES
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS
(NO) structure given in first source

flunarizin see flunarizine

flunarizine
(RN) 52468-60-7
(RR) 30484-77-6 (di-HCl(E)-isomer)
(RR) 27064-95-5 (di-HCl)
(SY) R 14950
(SY) Sibelium
(SY) flunarizin
(HM) CINNARIZINE/*analogs
(PA) VASODILATOR AGENTS
(PA) ANTIHISTAMINICS
(PA) CALCIUM CHANNEL BLOCKERS
(PA) ANTICONVULSANTS
(II) VERTIGO/drug ther
(NO) RN given refers to (E)-isomer; RN for parent cpd without isomeric designation not in Chemline 8/83; structure

Flunicef
(HM) *FLOXACILLIN
(HM) *CEPHACETRILE
(HM) DRUG COMBINATIONS
(NO) combination of flucloxacillin & cefacetrile

flunisolide
(RN) 3385-03-3
(RR) 79284-83-6 ((6beta,11beta,16alpha)-isomer)
(RR) 77326-96-6 (hemihydrate(6alpha,11beta,16alpha)-isomer)
(SY) RS-3999
(SY) 6 alpha-fluorodihydroxy-16 alpha,17 alpha-isopropylidenedioxy-1,4-pregnadiene-3,20- dione
(HM) FLUOCINOLONE ACETONIDE/*analogs
(PA) ANTI-INFLAMMATORY AGENTS, TOPICAL
(NO) searcher's request; references & indexing include acetate; RN given refers to (6alpha,11beta,16alpha)-isomer; RN for cpd without isomeric designation not in Chemline 8/83; structure

flunixin
(RN) 38677-85-9
(SY) Sch 14714
(HM) *CLONIXIN/analogs
(PA) ANALGESICS, ANTI-INFLAMMATORY
(PA) ANALGESICS
(NO) structure

flunixin meglumine
(RN) 42461-84-7
(SY) Sch 14714 meglumine
(HM) *CLONIXIN/analogs
(NO) structure

flunoxaprofen
(RN) 66934-18-7
(HM) *BENZOXAZOLES
(PA) ANTI-INFLAMMATORY AGENTS
(NO) RN not in Chemline 7/85; RN from USAN; structure given in first source

fluocaril
(RN) 69233-73-4
(HM) *SODIUM FLUORIDE
(HM) *PHOSPHATES
(HM) DRUG COMBINATIONS
(PA) CARIOSTATIC AGENTS
(II) DENTIFRICES
(NO) contains sodium monofluorophosphate & sodium fluoride

fluocortinbutyl see fluocortin butyl ester

fluocortin butyl ester
(RN) 41767-29-7
(SY) Vaspit
(SY) fluocortinbutyl
(HM) FLUOCORTOLONE/*analogs
(NO) structure

fluodexan
(RN) 95017-33-7
(HM) *PREGNADIENEDIOLS
(HM) *UREA
(HM) DRUG COMBINATIONS
(II) GLUCOCORTICOIDS, TOPICAL
(NO) combination of flupamesone & urea

fluometuron
(RN) 2164-17-2
(RR) 60348-39-2 (monoacetate)
(RR) 60348-37-0 (mono-HCl)
(SY) cotoran
(SY) C-2059
(SY) cotoran 80 WP
(SY) ftormeturon
(SY) pakhtaron
(SY) 1,1-dimethyl-3-(alpha,alpha,alpha-trifluoro-m-tolyl)urea
(HM) *METHYLUREA COMPOUNDS
(PA) HERBICIDES, UREA
(II) WATER POLLUTANTS, CHEMICAL
(II) AIR POLLUTANTS
(NO) RN given refers to parent cpd; structure

fluoracizine
(RN) 30223-48-4
(RR) 27312-93-2 (mono-HCl)
(SY) floratsizin
(SY) floracizin
(SY) 10-(beta-diethylaminopropionyl)-2-trifluoromethylphenothiazine
(HM) *PHENOTHIAZINES
(PA) ANTIDEPRESSIVE AGENTS, TRICYCLIC
(PA) PHENOTHIAZINE TRANQUILIZERS
(NO) Russian drug; 2-trifluoromethyl analog of chloracizine; RN given refers to parent cpd

fluoranthene
(RN) 206-44-0
(HM) *FLUORENES
(NO) structure

fluorapatite
(RN) 1306-05-4
(RR) 12525-40-5 (fluorapatite [Ca7F2(PO4)4])
(RR) 12015-73-5 (calcium fluoride phosphate [Ca5F(PO4)3])
(RR) 11080-11-8 (calcium fluoride phosphate [Ca7F2(PO4)4])
(SY) fluoroapatite
(HM) *APATITES
(NO) RN given refers to fluorapatite [Ca5F(PO4)3])

2-fluorenamine see 2-aminofluorene

fluorene
(RN) 86-73-7
(SY) 9H-fluorene
(HM) *FLUORENES
(PA) CARCINOGENS
(NO) structure in first source

2,7-fluorenediamine
(RN) 525-64-4
(RR) 5178-56-3 (mono-HCl)
(HM) *FLUORENES
(II) INDICATORS AND REAGENTS
(NO) peroxidase reagent for blood smears; RN given refers to parent cpd

N,N'-fluorene-2,7-ylenebisacetamide see 2,7-diacetylaminofluorene

9H-fluorene see fluorene

fluoren-9-ol
(RN) 1689-64-1
(RR) 28724-53-0 (cpd with unspecified hydroxy locant)
(HM) *FLUORENES

N-(9H-fluoren-9-ylacetyl)-S-methylcysteine see A 336

N-(9H-fluoren-9-ylacetyl)tryptophan see A 338

2-fluorenylamine see 2-aminofluorene

2,7-fluorenylbisacetamide see 2,7-diacetylaminofluorene

2,7-fluorenyldiacetamide see 2,7-diacetylaminofluorene

fluorescein
(RN) 2321-07-5
(RR) 13182-27-9 (mono-Na salt)
(RR) 518-47-8 (di-Na salt)
(RR) 6417-85-2 (di-K salt)
(SY) uranine
(SY) sodium fluorescein
(SY) fluorescein sodium
(SY) disodium fluorescein
(SY) D and C Yellow No. 7
(SY) D and C Yellow No. 8
(SY) C.I. 45350
(HM) *FLUORESCEINS
(NO) diagnostic aid in corneal injuries; veterinary use in diagnosis of periodic ophthalmia of horses; RN given refers to parent cpd; structure

5-fluoresceinamine see 5-aminofluorescein

fluorescein diacetate see 3',6'-diacetylfluorescein

fluorescein-di-beta-D-galactopyranoside see fluorescein-digalactoside

fluorescein diester
(RN) 75296-16-1
(SY) 3',6'-bis(4-guanidinobenzoyloxy)-5-(N'-4-carboxyphenyl)thioureidospiro(isobenzofuran-1(3H),9'-(9H)xanthen)-3-one
(SY) BGBTSBX
(HM) *FLUORESCEINS
(II) FLUORESCENT DYES
(NO) structure given in first source

fluorescein-digalactoside
(RN) 17817-20-8
(SY) fluorescein-di-beta-D-galactopyranoside
(HM) *FLUORESCEINS
(NO) RN given refers to beta-D-isomer; RN for cpd without isomeric designation not in Chemline 9/1/83

fluorescein dilaurate
(RN) 7308-90-9
(SY) pancreolauryl
(HM) *FLUORESCEINS
(II) INDICATORS AND REAGENTS
(NO) used in pancreatic function test

17-fluorescein estrone
(RN) 76841-57-1
(SY) estrone-17-fluorescein
(HM) ESTRONE/*analogs
(II) FLUORESCENT DYES

fluorescein glucuronide
(RN) 74804-84-5
(SY) fluorescein monoglucuronide
(HM) *FLUORESCEINS
(NO) fluorescein metabolite

fluorescein iodoacetamide see 5-iodoacetamidofluorescein

fluorescein isothiocyanate see fluorescein-5-isothiocyanate

fluorescein isothiocyanate bovine serum albumin
(SY) FITC-BSA
(HM) *FLUORESCEINS
(HM) *SERUM ALBUMIN, BOVINE

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fluorescein isothiocyanate–concanavalin A
(SY) FITC–Con A
(SY) Con A–FITC
(HM) *FLUORESCEINS
(HM) CONCANAVALIN A/*analogs
(II) FLUORESCENT DYES

fluorescein isothiocyanate dextran
(SY) FITC–dextran
(SY) FITC dextrans
(SY) fluoresceinthiocarbamoyl dextrans
(HM) *DEXTRANS
(HM) *FLUORESCEINS
(II) ANTIGENS
(NO) athymus–independent antigen

fluorescein 5–isothiocyanate–Ficoll
(SY) ficoll–fluorescein 5–isothiocyanate
(SY) FITC–Ficoll
(HM) *FLUORESCEINS
(HM) *FICOLL/analogs

fluorescein isothiocyanate isomer I see fluorescein–5–isothiocyanate

fluorescein isothiocyanate lysine–dextran
(SY) FITC–lysine–dextran
(HM) *FLUORESCEINS
(II) FLUORESCENT DYES

fluorescein–5–isothiocyanate
(RN) 3326–32–7
(RR) 63469–13–6 (HCl)
(RR) 27072–45–3 ((5 or 6)–isothiocyanate)
(SY) 5–isothiocyanatofluorescein
(SY) fluorescein isothiocyanate isomer I
(SY) FITC
(SY) fluorescein isothiocyanate
(HM) *FLUORESCEINS
(HM) *THIOCYANATES
(II) FLUORESCENT DYES
(NO) probe for labeling proteins & cells; FITC is synonym; RN given refers to cpd with isothiocyanate locant as specified

fluorescein isothiocyante avidin
(SY) avidin, fluorescein isothiocyanate
(SY) FITC–avidin
(HM) AVIDIN/*analogs
(HM) *FLUORESCEINS
(NO) binds to A–cells of sectioned pancreas

fluorescein 5–maleimide
(HM) *FLUORESCEINS

fluorescein mercuric acetate
(RN) 3570–80–7
(HM) *FLUORESCEINS
(HM) *ORGANOMERCURY COMPOUNDS
(NO) important as a mercurial

fluorescein monoglucuronide see fluorescein glucuronide

fluorescein–ovalbumin
(SY) fluoresceinyl ovalbumin
(HM) OVALBUMIN/*analogs
(NO) application to conjunctival sac causes sensitization for conjunctival type I hypersensitivity reactions & mast cell degranulation

fluorescein sodium see fluorescein

fluorescein thiocarbamoyl casein
(SY) FTC–casein
(HM) *CASEINS
(HM) *FLUORESCEINS
(II) FLUORESCENT DYES
(NO) casein reacted with fluorescein isothiocyanate to form fluorescein thiocarbamoyl derivative

fluoresceinthiocarbamoyl dextrans see fluorescein isothiocyanate dextran

fluorescein–thiocarbamyl–ovalbumin
(SY) FTC–ovalbumin
(HM) OVALBUMIN/*analogs

fluorescein thiosemicarbazide
(RN) 75323–82–9
(SY) FLTHS
(HM) *FLUORESCEINS
(II) FLUORESCENT DYES

1–(N)–fluoresceinylestrone thiosemicarbazone
(SY) 1–FETS
(HM) *FLUORESCEINS
(II) FLUORESCENT DYES
(NO) fluorescein–labeled estrogen; interacts with estrogen target cells like the native hormone; visualizes the uptake, transport & distribution of estrogen in intact target cells

fluoresceinyl ovalbumin see fluorescein–ovalbumin

fluoresceinylthiocarbamyl–heparin
(SY) FTC–heparin
(HM) HEPARIN/*analogs
(II) FLUORESCENT DYES

fluoresone
(RN) 2924–67–6
(HM) *SULFONES
(NO) structure in USAN & Merck

fluorexon
(RN) 1461–15–0
(SY) calcein
(HM) *FLUORESCEINS
(II) INDICATORS AND REAGENTS
(NO) structure

fluor–hydroxyapatite see fluor–hydroxylapatite

fluor–hydroxylapatite
(RN) 55575–17–2
(SY) fluor–hydroxyapatite
(SY) fluoridated hydroxyapatite
(HM) *HYDROXYAPATITES

fluoridated hydroxyapatite see fluor–hydroxylapatite

fluori–methane
(HM) *FREONS
(NO) vapocoolant spray for relief of pain from muscle spasm

3–fluor–8–isopropyl–10–(4–(2–hydroxyethyl)piperazino)–10,11–dihydrodibenzo(b,f)thiepin see isofloxythepin

fluoroacetamide
(RN) 640–19–7
(HM) *FLUOROACETATES
(PA) RODENTICIDES

7–fluoro–2–acetamidofluorene see 7–fluoro–N–2–acetylaminofluorene

fluoroacetate–specific defluorianse see fluoroacetate–specific dehalogenase

fluoroacetate–specific dehalogenase
(RN) EC 3.8.1.–
(SY) fluoroacetate–specific defluorinase
(SY) FAC dehalogenase
(HM) *HYDROLASES
(NO) acts on fluoroacetamide at 0.1 the rate for fluoroacetate

fluoroacetic acid
(RN) 144–49–0
(RR) 62–74–8 (Na salt)
(RR) 21968–18–3 (2–(14)C–labeled cpd NH4 salt)
(RR) 60916–92–9 (NH4 salt)
(RR) 14214–20–1 (Ba salt)
(RR) 53755–59–2 (Cd salt)
(RR) 41144–02–9 (Pb(+4) salt)
(RR) 23745–86–0 (K salt)
(RR) 55198–47–5 (Tb(+3) salt)
(RR) 63905–89–5 (Hg(2+) salt)
(RR) 63905–88–4 (Mg salt)
(RR) 63905–86–2 (Ca salt)
(RR) 63905–85–1 (Al salt)
(RR) 20424–95–7 ($Cu_{(2+)}$ salt)
(RR) 7574–44–9 (18F–labeled cpd)
(SY) compound 1080
(SY) monofluoroacetate
(SY) monofluoroacetic acid
(SY) sodium fluoroacetate
(HM) *FLUOROACETATES
(PA) RODENTICIDES
(NO) N1 same as NM; RN given refers to parent cpd

fluoroacetic acid fluorohydrolase see haloacetate dehalogenase

7–fluoro–N–2–acetylaminofluorene
(RN) 343–89–5
(SY) 7–fluoro–2–acetamidofluorene
(HM) 2–ACETYLAMINOFLUORENE/*analogs
(PA) MUTAGENS

2–fluoroadenine
(RN) 700–49–2
(HM) ADENINE/*analogs

2–fluoroadenosine
(RN) 146–78–1
(HM) ADENOSINE/*analogs

3–fluoroalanine
(RN) 43163–93–5
(RR) 35455–20–0 ((D–Ala)–isomer)
(RR) 35455–21–1 ((L–Ala)–isomer)
(RR) 16652–37–2 ((DL–Ala)–isomer)
(SY) 3–fluoro–D–alanine
(SY) beta–fluoroalanine
(HM) ALANINE/*analogs
(PA) ANTIMETABOLITES
(PA) ANTI–INFECTIVE AGENTS
(NO) antibacterial agent active against gram–positive & gram–negative bacteria; generated by C–fluorination of key component of bacterial cell wall; synthesized by photofluorination of D–alanine; RN given refers to cpd with unspecified isomeric designation; structure

3–fluoro–D–alanine see 3–fluoroalanine

2'–fluoroaminopterin
(RN) 85803–29–8
(RR) 85803–32–3 (di–Na salt)
(HM) AMINOPTERIN/*analogs
(PA) TETRAHYDROFOLATE DEHYDROGENASE/antag
(NO) RN & structure from first source; RN not in Chemline 8/83

3'–fluoroaminopterin
(RN) 85803–34–5
(RR) 85803–33–4 (di–NA salt)
(HM) AMINOPTERIN/*analogs
(PA) TETRAHYDROFOLATE DEHYDROGENASE/antag
(NO) RN & structure from first source; RN not in Chemline 8/83

p–fluoroamphetamine see 4–fluoroamphetamine

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4-fluoroamphetamine
(RN) 459-02-9
(RR) 72522-20-4 ((R)-isomer)
(RR) 64609-06-9 (HCl(+-)-isomer)
(RR) 2275-62-9 ((+-)-isomer)
(RR) 459-01-8 (HCl)
(SY) p-fluoroamphetamine
(SY) para-fluoroamphetamine
(HM) *AMPHETAMINES
(NO) RN given refers to parent cpd without isomeric designation

4-fluoroaniline
(RN) 371-40-4
(RR) 2146-07-8 (HCl)
(HM) *ANILINE COMPOUNDS
(NO) chemical intermediate manufactured by the Halex process; RN given refers to parent cpd; structure given in first source

4-fluoroantipyrine
(RN) 5400-60-2
(RR) 69267-62-5 (18F-labeled cpd)
(HM) ANTIPYRINE/*analogs
(NO) RN given refers to parent cpd

fluoroapatite see fluorapatite

fluoro-ara-AMP see fludarabine monophosphate

2-fluoro-araATP
(RN) 74832-57-8
(SY) 9-beta-D-arabinofuranosyl-2-fluoroadenine 5'-triphosphate
(SY) 2-F-araATP
(HM) *ARABINONUCLEOTIDES

2-fluoro-ATP
(RN) 1492-62-2
(HM) ADENOSINE TRIPHOSPHATE/*analogs

2-fluoro-8-azaadenosine
(RN) 86480-37-7
(HM) ADENOSINE/*analogs
(PA) ANTINEOPLASTIC AGENTS
(NO) RN & structure from first source; RN not in Chemline 11/7/83

7-fluorobenzanthracene
(RN) 23683-26-3
(SY) 7-FBA
(SY) 7-fluorobenz(a)anthracene
(HM) *BENZANTHRACENES

7-fluorobenz(a)anthracene see 7-fluorobenzanthracene

2-fluorobenzoic acid
(RN) 445-29-4
(RR) 50671-56-2 (Cu(+2) salt)
(SY) ortho-fluorobenzoic acid
(HM) *BENZOATES
(NO) RN given refers to parent cpd

3-fluorobenzoic acid
(RN) 455-38-9
(RR) 56413-78-6 (Co(+2) salt)
(RR) 20161-01-7 (Cu(+2) salt trihydrate)
(SY) meta-fluorobenzoic acid
(HM) *BENZOATES
(NO) RN given refers to parent cpd

4-fluorobenzoic acid
(RN) 456-22-4
(RR) 499-90-1 (mono-Na salt)
(RR) 10011-97-9 (18F-labeled cpd)
(RR) 25568-77-1 (anhydride)
(RR) 456-09-7 (Cu(+1) salt)
(RR) 32461-65-7 (Cu(+2) salt)
(RR) 32457-92-4 (Cu(+2) salt dihydrate)
(RR) 2365-27-7 (ion(1-))
(RR) 52509-80-5 (K salt)
(RR) 57665-04-0 (Ag(+1) salt)
(SY) para-fluorobenzoic acid
(HM) *BENZOATES
(NO) RN given refers to parent cpd; structure

7-fluorobenzo-2-oxa-1,3-diazole-4-sulfonate
(RN) 84806-27-9
(SY) SBD-F
(SY) ammonium-7-fluorobenzo-2-oxa-1,3-diazole-4-sulfonate
(SY) 4-fluoro-7-sulfobenzofurazan
(SY) ammonium 4-fluoro-7-sulfobenzofurazan
(SY) AFSBF
(HM) *FLUOROBENZENES
(II) FLUORESCENT DYES
(II) SULFHYDRYL REAGENTS
(NO) fluorogenic reagent for thiols; structure given in first source; RN given refers to ammonium salt; RN for parent cpd not in Chemline 9/84

6-fluorobenzo(a)pyrene-7,8-dihydrodiol
(RN) 83768-92-7
(RR) 85552-36-9 ((7R-trans)-isomer)
(SY) 6-FBP-7,8-DHD
(HM) *BENZOPYRENES
(NO) RN given refers to cpd without isomeric designation

6-fluorobenzo(a)pyrene
(RN) 59417-86-6
(HM) *BENZOPYRENES
(PA) CARCINOGENS

8-fluorobenzo(a)pyrene
(RN) 71171-92-1
(HM) *BENZOPYRENES
(PA) MUTAGENS

9-fluorobenzo(a)pyrene
(RN) 71171-93-2
(HM) *BENZOPYRENES
(PA) MUTAGENS

3-(2-(4-(4-fluorobenzoyl)piperidino)ethyl)-2-methyl-4H-pyrido(1,2-a)pyrimidin-4-one see pirenperone

7-(2-(4-(4-fluorobenzoyl)piperidino)ethyl)theophylline see flufylline

7-(2-(4-(4-fluorobenzoyl)piperidino)propyl) theophylline see fluprophylline

2-(3-(4-fluorobenzoyl)-1-propyl)-5 alpha,9 alpha-dimethyl-2'-hydroxy-6,7-benzomorphan see ID-1229

1'-(3-(4-fluorobenzoyl)propyl)-(1,4'-bipiperdine) -4'-carboxamide see pipamperone

3-(4-fluorobenzoyl)tropane
(SY) 3-FBOT
(HM) *TROPANES
(PA) TRANQUILIZING AGENTS, MAJOR

9-fluoro-11 beta,16 alpha,17,21-tetrahydroxypregna-1,4-diene-3,20-dione cyclic 16,17-acetal with acetone, 21-(3,3-dimethylbutyrate) see triamcinolone hexacetonide

2'-fluoro-1-beta-arabinofuranosyl-5-methyluracil see 2'-fluoro-5-methylarabinosyluracil

4-fluoro-17 beta-estradiol see 4-fluoroestradiol

4'-fluoro-4-biphenylacetamide
(RN) 398-32-3
(HM) *AMINOBIPHENYL COMPOUNDS
(PA) CARCINOGENS
(NO) structure

1-fluoro-3,4-bis(4-hydroxyphenyl)hexane see 1-fluorohexestrol

1-fluoro-2,3-bis(4-hydroxyphenyl)pentane see 1-fluoronorhexestrol

5-fluoro-1,3-bis(tetrahydro-2-furanyl)-2,4- pyrimidinedione see FD-1

fluorocarbon FC 70
(RN) 72433-08-0
(SY) fluorocarbon FC-70
(HM) *FLUOROCARBONS

fluorocarbon FC-70 see fluorocarbon FC 70

fluorocarbon 113 see trichlorotrifluoroethane

fluorocarbon-12 see freon-12

fluorocarbon 22
(RN) 75-45-6
(SY) monochlorodifluoromethane
(SY) freon 22
(SY) chlorodifluoromethane
(HM) *FREONS

3-fluorochloramphenicol see Sch 24893

2-fluorocinnamic acid
(RN) 20595-29-3
(RR) 18944-77-9 ((E)-isomer)
(SY) ortho-fluorocinnamate
(HM) *CINNAMATES
(NO) RN given refers to (Z)-isomer; RN for cpd without isomeric designation not in Chemline 8/84; structure given in first source

3-fluorocinnamic acid
(RN) 20595-30-6
(SY) meta-fluorocinnamate
(HM) *CINNAMATES
(NO) RN given refers to (E)-isomer; RN for cpd without isomeric designation not in Chemline 8/84; structure given in first source

4-fluorocinnamic acid
(RN) 14290-86-9
(RR) 14290-66-5 ((Z)-isomer)
(SY) para-fluorocinnamate
(HM) *CINNAMATES
(NO) RN given refers to (E)-isomer; RN for cpd without isomeric designation not in Chemline 8/84; structure given in first source

fluorocitrate
(RN) 357-89-1
(RR) 24315-15-9 ((erythro-DL)-isomer)
(RR) 14466-42-3 (unspecified Na salt)
(RR) 25487-31-4 (Na salt(erythro-DL)-isomer)
(RR) 31654-44-1 ((threo-L)-isomer)
(RR) 34917-26-5 ((erythro-D)-isomer)
(RR) 3184-15-4 (mono-Na salt)
(SY) erythrofluorocitrate (isomer)
(SY) sodium fluorocitrate
(SY) 2-fluoro-L-erythro-citrate
(HM) *CITRATES
(NO) competitve inhibitor of aconitase; effects morphology of kidney tubules in fluorocitrate poisoning; RN given refers to cpd with unspecified isomeric designation

2-fluoro-L-erythro-citrate see fluorocitrate

fluorocortisol acetate see fludrocortisone 21-acetate

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9-fluorocortisone
(RN) 79-60-7
(SY) 9alpha-fluorocortisone
(HM) CORTISONE/*analogs

5-fluoro-2,2'-cyclocytidine
(RN) 40505-45-1
(SY) NSC 166641
(SY) anhydro-ara-5-fluorocytosine
(SY) AAFC
(HM) CYCLOCYTIDINE/*analogs
(NO) structure

5-fluorocytidine
(RN) 2341-22-2
(RR) 4590-33-4 (mono-HCl)
(HM) CYTIDINE/*analogs
(NO) isolated from DNA of Escherichia coli grown in presence of 5-fluorouracil; structure; RN given refers to parent cpd

8-fluoro-8-demethylriboflavin
(RN) 1691-79-8
(SY) 8-fluororiboflavin
(HM) RIBOFLAVIN/*analogs

2'-fluoro-2'-deoxyadenosine
(RN) 64183-27-3
(SY) 2'-deoxy-2'-fluoroadenosine
(HM) DEOXYADENOSINE/*analogs

1-(2-fluoro-2-deoxy-beta-D-arabinofuranosyl)-5-iodocytosine see 2'-fluoro-5-iodo-1-beta-D-arabinofuranosylcytosine

1-(2-fluoro-2-deoxy-beta-D-arabinofuranosyl)thymine see 2'-fluoro-5-methylarabinosyluracil

9-fluorodeoxycorticosterone
(RN) 3820-06-2
(SY) 9-AFDOC
(SY) 9 alpha-fluorodeoxycorticosterone
(HM) DESOXYCORTICOSTERONE/*analogs
(NO) hypertensinogenic agent; RN given refers to cpd without isomeric designation

5-fluoro-2'-deoxycytidine
(RN) 10356-76-0
(HM) DEOXYCYTIDINE/*analogs
(NO) structure

fluorodeoxyglucose see 2-deoxy-2-fluoro-D-glucose

2-fluoro-2-deoxy-D-glucose see 2-deoxy-2-fluoro-D-glucose

3-fluoro-3-deoxyglucose see 3-deoxy-3-fluoro-D-glucose

2-fluoro-2-deoxy-D-mannose see 2-deoxy-2-fluoromannose

15-fluoro-15-deoxyprostaglandin F2alpha
(RN) 77220-88-3
(SY) 15-F PGF2
(HM) *PROSTAGLANDINS F, SYNTHETIC

5-fluoro-2'-deoxyuridine diphosphate-N-acetylglucosamine
(RN) 87810-49-9
(SY) 5-F-2'-UDP-GlcNAc
(HM) *URIDINE DIPHOSPHATE N-ACETYLGLUCOSAMINE/analogs

2'fluoro-2'-deoxyuridine
(RN) 784-71-4
(HM) *FLUORODEOXYURIDINE
(II) ISOMERISM

6-fluoro-6-desoxyoxymorphone
(SY) FOXY
(HM) OXYMORPHONE/*analogs
(NO) selectively labels mu opiate binding sites in vitro

3-fluoro-2-deutero-D-alanine see fludalanine

5-fluoro-2',3'-dideoxy-3'-fluorouridine 5'-phosphate
(RN) 87395-48-0
(SY) FFdUMP
(HM) *DEOXYURACIL NUCLEOTIDES
(PA) THYMIDINE PHOSPHORYLASE/antag
(PA) THYMIDYLATE SYNTHETASE/antag
(NO) RN & structure from first source; RN not in Chemline 2/14/84

5-fluoro-2',3'-dideoxy-3'-fluorouridine
(RN) 41107-55-5
(SY) 3'-FFdUrd
(HM) FLUORODEOXYURIDINE/*analogs
(PA) THYMIDINE PHOSPHORYLASE/antag
(NO) RN & structure from first source; RN not in Chemline 2/15/84

5-fluorodihydrouracil
(RN) 696-06-0
(RR) 14787-18-9 (Na salt)
(SY) DHFU
(SY) 5,6-dihydrofluorouracil
(HM) FLUOROURACIL/*analogs
(NO) metabolite of 5-fluorouracil; RN given refers to parent cpd

10-fluoro-7,12-dimethylbenz(a)anthracene
(RN) 71172-13-9
(SY) 10-F-DMBA
(HM) 9,10-DIMETHYL-1,2-BENZANTHRACENE/*analogs
(PA) CARCINOGENS
(NO) structure given in first source

fluoro-7,12-dimethylbenz(a)anthracene
(SY) F-DMBA
(HM) 9,10-DIMETHYL-1,2-BENZANTHRACENE/*analogs
(NO) 1-2,-,5- & 11-fluoro cpds have been tested as mutagens & carcinogens

6-fluorodopamine
(RN) 59043-70-8
(HM) DOPAMINE/*analogs

5-fluoro-DOPA see 5-fluorodopa

5-fluorodopa
(RN) 42877-15-6
(RR) 40856-89-1 (18F-labeled cpd HBr)
(RR) 40678-45-3 (18F-labeled cpd HBr(DL)-isomer)
(RR) 66414-39-9 (3-(18)F-labeled cpd (L)-isomer)
(RR) 60168-91-4 (3-(18)F-labeled cpd (DL)-isomer)
(RR) 82838-28-6 (3-(18)F-labeled cpd)
(SY) 3,4-dihydroxy-5-fluorophenylalanine
(SY) 5-fluoro-DOPA
(SY) 3,4-dihydroxy-5-fluoro-DL-phenylalanine
(HM) DOPA/*analogs
(NO) RN given refers to (DL)-isomer; RN for parent cpd without isomeric designation not in Chemline 8/83; DOPA might be a specific substance which would allow a distinction to be made between normal & abnormal brain capillaries by means of external gamma-ray detection; structure

6-fluorodopa
(RN) 75290-51-6
(SY) 2-fluoro-5-hydroxytyrosine
(SY) 3,4-dihydroxy-6-fluorophenylalanine
(HM) DOPA/*analogs
(NO) RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 12/84

16-fluoroestradiol
(RN) 84693-92-5
(SY) 16 alpha-fluoroestradiol
(SY) 16 beta-fluoroestradiol
(HM) ESTRADIOL/*analogs
(NO) RN given refers to (16beta,17beta)-isomer; RN for cpd without isomeric designation not in Chemline 12/84

2-fluoroestradiol
(RN) 16205-32-6
(HM) ESTRADIOL/*analogs
(II) ESTROGENS
(NO) in contrast to 4-fluoroestradiol above cpd is not a carcinogen

4-fluoroestradiol
(RN) 1881-37-4
(RR) 72560-41-9 (18F-labeled cpd (17beta)-isomer)
(SY) 4-fluoro-17 beta-estradiol
(HM) ESTRADIOL/*analogs
(NO) RN given refers to unlabeled (17 beta)-isomer; RN for cpd without isomeric designation not in Chemline 8/1/83

fluoroethanol see 2-fluoroethanol

2-fluoroethanol
(RN) 371-62-0
(RR) 371-58-4 (Na salt)
(SY) fluoroethanol
(HM) ALCOHOL, ETHYL/*analogs
(NO) RN given refers to parent cpd

8-(2-fluoroethyl)-3 alpha-hydroxy-1 alpha H,5 alpha H-tropanium bromide benzilate see Ba 598

2-fluoroethyl 4-biphenylacetate see fluenethyl

O(6)-(2-fluoroethyl)guanine
(SY) 2-FEG
(HM) GUANINE/*analogs
(NO) structure given in first source

4'-fluoro-4-(4-(p-fluorobenoxyl)piperidino) butyrophenone see lenperone

8-fluoro-5-(4-fluorophenyl)-2-(4-(4-fluorophenyl)-4-hydroxybutyl)-2,3,4,4a,5,9b-hexahydro-1H-pyrido(4,3-b) indole hydrochloride see flutroline

2-fluorofumarate
(RN) 672-18-4
(RR) 760-82-7 ((E)-isomer)
(SY) fluorofumaric acid
(SY) monofluorofumarate
(HM) *FUMARATES
(NO) RN given refers to (Z)-isomer; RN for cpd without isomeric designation not in Chemline 6/84

fluorofumaric acid see 2-fluorofumarate

fluoroglucose see 2-deoxy-2-fluoro-D-glucose

4-fluoroglutamic acid
(RN) 2708-77-2
(RR) 18822-84-9 ((DL)-isomer)
(RR) 26432-31-5 ((L)-isomer)
(RR) 26432-32-6 ((D)-isomer)
(SY) gamma-fluoroglutamic acid
(HM) *GLUTAMATES
(NO) RN given refers to cpd without isomeric designation

2-fluorohexadecanoic acid
(RN) 16518-94-8
(SY) 2-fluoropalmitic acid
(SY) DL-alpha-fluoropalmitic acid
(HM) *PALMITIC ACIDS
(NO) inhibits sphingosine base formation & accumulates in membrane lipids of cultured mammalian cells

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1-fluorohexestrol
(RN) 74536-79-1
(SY) 1-fluoro-3,4-bis(4-hydroxyphenyl)hexane
(HM) HEXESTROL/*analogs
(NO) estrogen-receptor-based agent for imaging of human breast tumors; RN given refers to (R*,S*)-isomer; RN for cpd without isomeric designation not in Chemline 12/84

3-fluoro-4-hydroxybenzoate
(RN) 350-29-8
(HM) *HYDROXYBENZOIC ACIDS

6-fluoro-9-(3-(4-(2-hydroxyethyl)piperidino) propylidene)-2-trifluoromethyl-thioxanthene see piflutixol

4'-fluoro-4-(4-hydroxy-4-4-tolylpiperidino) butyrophenone see moperone

2-fluoro-5-hydroxytyrosine see 6-fluorodopa

1-fluoro-25-hydroxyvitamin D3
(RN) 74041-09-1
(RR) 74041-11-5 ((3beta,5E,7E)-isomer)
(RR) 95586-94-0 ((1alpha,3beta,5Z,7E)-isomer)
(SY) 1 alpha-fluoro-25-hydroxycholecalciferol
(SY) 1 alpha-fluorocalcifediol
(HM) CALCIFEDIOL/*analogs
(NO) structure given in first source; RN given refers to (3beta,5Z,7E)-isomer; RN for cpd without isomeric designation not available 6/85

5-fluoroimidazole-TRH see thyrotropin releasing hormone 5-fluoroimidazole

4-fluoro-Im-TRH see TRH, 4-fluoroimidazole-

2'-fluoro-5-iodo-aracytosine see
2'-fluoro-5-iodo-1-beta-D-arabinofuranosylcytosine

2'-fluoro-5-iodoarauracil see
1-(2-deoxy-2-fluoro-beta-arabinofuranosyl)-5- iodouracil

2'-fluoro-5-iodo-1-beta-D-arabinofuranosylcytosine
(RN) 69123-90-6
(RR) 69124-05-6 (mono-HCl)
(RR) 79328-04-4 (2-(14)C-labeled cpd mono-HCl)
(RR) 83999-91-1 ((alpha-D)-isomer)
(SY) FIAC
(SY) 2'-deoxy-2'-fluoro-beta-D-arabinofuranosyl-5-iodocytosine
(SY) 2'-fluoro-5-iodo-aracytosine
(SY) 1-(2-deoxy-2-fluoro-beta-D-arabinofuranosyl)-5-iodocytosine
(SY) 2(1H)-pyrimidinone, 4-amino-1-(2-deoxy-2-fluoro-beta-D-arabinofuranosyl)-5-iodo-
(SY) 1-(2-fluoro-2-deoxy-beta-D-arabinofuranosyl)-5-iodocytosine
(HM) CYTARABINE/*analogs
(PA) ANTIVIRAL AGENTS
(PA) ANTINEOPLASTIC AGENTS
(NO) anti-herpes virus agent which also inhibits growth of certain human tumor cell lines in vitro; RN given refers to (beta-D)-isomer; RN for cpd without isomeric designation not in Chemline 8/83; structure given in first source

fluoromebendazole see flubendazole

fluoromethane
(RN) 593-53-3
(RR) 59122-96-2 (ion(1+))
(RR) 20666-44-8 (13C-labeled cpd)
(RR) 3832-44-8 (18F-labeled cpd)
(RR) 20666-45-9 (14C-labeled cpd)
(SY) methyl fluoride
(HM) *HYDROCARBONS, FLUORINATED
(NO) RN given refers to parent cpd

6-fluoro-1-methylamino-7-(4-methylpiperazin-1-yl)-1,4-dihydroquinolin-4-one-3-carboxylic acid see WIN 49375

2'-fluoro-5-methylarabinosyluracil
(RN) 69256-17-3
(RR) 83374-60-1 (2-(14)C-labeled cpd)
(SY) FMAU
(SY) 2'-fluoro-5-methyl-1-beta-D-arabinosyluracil
(SY) 2'-fluoro-1-beta-arabinofuranosyl-5-methyluracil
(SY) 2'-fluoro-5-methyl-1-beta-D-arabinofuranosyluracil
(SY) 1-(2-fluoro-2-deoxy-beta-D-arabinofuranosyl) thymine
(HM) ARABINOFURANOSYLURACIL/*analogs
(PA) ANTIVIRAL AGENTS
(NO) RN given refers to (D)-isomer; cpd without isomeric designation not in Chemline 12/3/82

2'-fluoro-5-methyl-1-beta-D-arabinofuranosyluracil see
2'-fluoro-5-methylarabinosyluracil

2'-fluoro-5-methyl-1-beta-D-arabinosyluracil see
2'-fluoro-5-methylarabinosyluracil

12-fluoro-5-methylchrysene
(RN) 61413-38-5
(HM) *CHRYSENES
(PA) CARCINOGENS
(NO) less carcinogenic than 5-methylchrysene

2-(fluoromethyl)-3-(3,4-dihydroxyphenyl)alanine see alpha-monofluoromethyldopa

fluoromethyl hexafluoroisopropyl ether see sevoflurane

9-fluoro-3-methyl-10-(4-methyl-1-piperazinyl)-7-oxo-2,3-dihydro-7H-pyrido-(1,2,3-de)-1,4-benzoxazine-6-carboxylic acid see DL 8280

7-fluoro-2-methyl-4(4-methyl-1-piperazinyl)-10H-thieno(2,3b)(1,5)benzodiazepine see flumezapine

2-fluoromethylornithine
(RN) 73800-85-8
(RR) 69672-36-2 ((DL)-isomer)
(SY) monofluoromethylornithine
(SY) alpha-fluoromethylornithine
(HM) ORNITHINE/*analogs
(NO) RN given refers to cpd without isomeric designation

3-fluoro-6-(4-methylpiperazinyl)-11H-dibenz[b,e] azepine see fluperlapine

6-fluoro-2-methylspiro(chroman-4,4'-imidazolidine)-2', 5'-dione see M 79175

fluoromethyl-2,2,2-trifluoro-1-(trifluoromethyl)ethyl ether see sevoflurane

fluorometmyoglobin see metmyoglobin fluoride

6-fluoromevalonate-5-pyrophosphate
(SY) 6-FMVAPP
(HM) MEVALONIC ACID/*analogs

6-fluoromevalonate see 6-fluoromevalonolactone

6-fluoromevalonolactone
(SY) 6-fluoromevalonate
(SY) 6-FMVA
(HM) MEVALONIC ACID/*analogs

1-fluoronaphthalene
(RN) 321-38-0
(HM) *NAPHTHALENES

5-fluoronicotinyl alcohol
(RN) 22620-32-2
(RR) 22620-33-3 (HCl)
(HM) *NICOTINYL ALCOHOL/analogs
(NO) structure; RN given refers to parent cpd

4-fluoro-3-nitroaniline
(RN) 364-76-1
(HM) *ANILINE COMPOUNDS

o-fluoronitrobenzene see 1-fluoro-2-nitrobenzene

1-fluoro-2-nitrobenzene
(RN) 1493-27-2
(SY) 2-fluoronitrobenzene
(SY) o-fluoronitrobenzene
(HM) *NITROBENZENES
(PA) MONOAMINE OXIDASE INHIBITORS
(NO) structure given in first source

2-fluoronitrobenzene see 1-fluoro-2-nitrobenzene

7-fluoro-4-nitrobenzofurazan see
7-fluoro-4-nitrobenzo-2-oxa-1,3-diazole

7-fluoro-4-nitrobenzo-2-oxa-1,3-diazole
(RN) 29270-56-2
(SY) NBD-fluoride
(SY) 7-fluoro-4-nitrobenzofurazan
(HM) *NBD CHLORIDE/analogs
(II) FLUORESCENT DYES

5-fluoro-5'-O-nitro-2'-deoxyuridine
(RN) 77421-85-3
(SY) FDUMN
(HM) FLUORODEOXYURIDINE/*analogs
(PA) ANTINEOPLASTIC AGENTS
(NO) structure given in first source

5-fluoro-(2'-nitrofuryl)-2-benzimidazole
(SY) FNFB
(HM) *BENZIMIDAZOLES
(PA) ANTI-INFECTIVE AGENTS
(NO) structure given in first source

4-fluoro-3-nitrophenyl azide
(RN) 28166-06-5
(HM) *AZIDES
(II) AFFINITY LABELS
(NO) used as an affinity label for insulin to give mono-azide-nitrophenyl-insulin derivatives

2-fluoronorepinephrine see 3-fluoronorepinephrine

3-fluoronorepinephrine
(RN) 71144-40-6
(RR) 70952-51-1 (mono-HCl(+-)-isomer)
(RR) 76035-71-7 ((R)-isomer)
(SY) 2-fluoronorepinephrine
(HM) NOREPINEPHRINE/*analogs
(NO) RN given refers to (+-)-isomer; RN for cpd without isomeric designation not in Chemline 8/83

5-fluoronorepinephrine
(RN) 86820-21-5
(RR) 70952-50-0 (mono-HCl(+-)-isomer)
(RR) 71924-66-8 (oxalate[1:1])
(RR) 77714-78-4 ((R)-isomer)
(RR) 71144-42-8 ((+-)-isomer)
(HM) NOREPINEPHRINE/*analogs
(NO) agonist for activation of alpha & beta adrenergic-sensitive cyclic AMP-generating systems; RN given refers to cpd without isomeric designation

6-fluoronorepinephrine
(HM) NOREPINEPHRINE/*analogs

1-fluoronorhexestrol
(RN) 83303-93-9
(RR) 87835-18-5 (18F-labeled cpd (R*,S*)-isomer)
(SY) 1-fluoro-2,3-bis(4-hydroxyphenyl)pentane
(SY) 1-fluoropentestrol
(HM) HEXESTROL/*analogs
(II) ESTROGENS, SYNTHETIC
(NO) shows highly selective receptor-mediated uptake by target tissue in vivo; RN given refers to unlabeled cpd (R*,S*)-isomer; RN for cpd without isomeric designation not in Chemline 12/84

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fluoroorotic acid
(RN) 703-95-7
(HM) OROTIC ACID/*analogs
(NO) inhibits the dietary induction of serine dehydratase

2-fluoropalmitic acid see 2-fluorohexadecanoic acid

6-fluoropalmitic acid
(RN) 86581-29-5
(HM) *PALMITIC ACIDS

7-fluoropalmitic acid
(RN) 86581-30-8
(HM) *PALMITIC ACIDS

1-fluoropostestrol see 1-fluoronorhexestrol

fluorophen
(RN) 86495-14-9
(RR) 86436-94-4
(HBr(2alpha,6alpha,11R*)-(+-)-isomer)
(SY) 5,9 alpha-dimethyl-2-(2-(4-fluorophenyl)ethyl)-2'-hydroxybenzomorphan
(HM) *BENZOMORPHANS
(II) LIGANDS
(NO) structure & RN given in first source; RN not in Chemline 12/5/83; RN given refers to (2alpha,6alpha,11R*)-(+-)-isomer

fluorophene
(RN) 4776-06-1
(HM) *SALICYLANILIDES
(PA) ANTI-INFECTIVE AGENTS, LOCAL

1-(4-(2-(fluorophenethyloxy)ethyl)phenoxy)-3-isopropylamino-2-propanol HCl see RO 31-1118

3-(4-fluorophenyl)Ala-3-(3-bis(2-chloroethyl) aminophenyl)Ala-Met ethyl ester see PTT 119

3-fluorophenylalanine
(RN) 456-88-2
(RR) 33285-27-7 (18F-labeled cpd (L)-isomer)
(RR) 2629-54-1 ((DL)-isomer)
(RR) 19883-77-3 ((L)-isomer)
(SY) meta-fluorophenylalanine
(HM) PHENYLALANINE/*analogs
(NO) p-fluorophenylalanine is a minor descriptor; RN given refers cpd with unspecified isomeric designation

3-(4-fluorophenyl)alanyl-3-(3-bis(2-chloroethyl) aminophenyl)alanyl-methionine ethyl ester see PTT 119

6-((3-fluorophenyl)amino)-5,8-quinoxalinedione see LY 151364

p-fluorophenyl-gamma-(1,4-diazabicyclo(4.3.0)nonanyl-4)propylketone see azabutyrone

3-(2-(4-((4-fluorophenyl)hydroxymethyl)-1-piperidinyl) ethyl)-2,4-(1H,3H)quinazolinedione see R 46,742

4-p-fluorophenyl)-1-isopropyl-7-methyl-quinazolin-2 (1H)-one see fluproquazone

4-4-fluorophenyl-5-N-(N'-o-methoxyphenyl) piperazinoethyl-4-oxazolin-2-one see LR 511

4-4-fluorophenyl-5-N-(N'-methoxyphenyl)piperazino- ethyl -4-oxozolin-2-one see LR 511

trans-4-(4-fluorophenyl)-3-((3,4- (methylenedioxy) phenoxy)methyl)piperidine see paroxetine

1-(4-fluorophenylmethyl) N-1-(2-(4-methoxyphenyl) ethyl)-4-piperidiyl-1H-benzimidazole-2-amine see astemizole

2'-(4-fluorophenyl)-2'-H-pregna-2,4-dien-20-yno(3,2-c) pyrazol-17-ol see nivazol

fluorophosphate
(RN) 15181-43-8
(RR) 7631-97-2 (unspecified Na salt)
(RR) 20859-37-4 (unspecified K salt)
(RR) 10163-15-2 (di-Na salt)
(RR) 66546-46-1 (unspecified St salt)
(RR) 66546-47-2 (unspecified V salt)
(RR) 20859-38-5 (mono-NH4 salt)
(RR) 14312-45-9 (di-NH4 salt)
(SY) monofluorophosphate
(SY) sodium monofluorophosphate
(SY) ammonium monofluorophosphate
(SY) Na-MFP
(HM) *PHOSPHATES
(HM) *FLUORIDES
(NO) inhibits Phosphorylas phosphatase irreversibly; RN given refers to parent cpd

9-fluoroprednisolone
(RN) 338-95-4
(SY) 9 alpha-fluoroprednisolone
(HM) *FLUPREDNISOLONE
(II) ISOMERISM
(NO) 6 alpha-isomer is Fluprednisolone (MH)

n-fluoropropane see 1-fluoropropane

1-fluoropropane
(RN) 460-13-9
(RR) 3791-33-1 (18F-labeled cpd)
(SY) n-fluoropropane
(HM) *HYDROCARBONS, FLUORINATED
(II) RADIOISOTOPES
(NO) labeled with 18F; RN given refers to unlabeled cpd

fluoropropylcyanoacrylate see flucrylate

fluoroprostacyclin see 10,10-difluoro-13-dehydroprostacyclin

7-fluoroprostacyclin
(RN) 84217-11-8
(SY) PGI2-7-F
(HM) *PROSTAGLANDINS X
(NO) RN given refers to (5Z,9alpha,11alpha,13E,15S)-isomer; RN for cpd without isomeric designation not in Chemline

1-(3-fluoro-2-pyridinyl)piperazine
(RN) 85386-84-1
(RR) 85386-83-0 (di-HCl)
(RR) 85386-89-6 (maleate)
(SY) 1-FPP
(HM) *PYRIDINES
(HM) *PIPERAZINES
(PA) ADRENERGIC ALPHA RECEPTOR BLOCKADERS
(NO) RN & structure given in first source; RN given refers to parent cpd; RN not in Chemline 12/21/83

6-fluoropyridoxal phosphate
(RN) 90932-80-2
(SY) 6-FPLP
(HM) PYRIDOXAL PHOSPHATE/*analogs
(NO) structure given in first source

6-fluoropyridoxal
(RN) 42242-42-2
(HM) PYRIDOXAL/*analogs
(NO) structure given in first source

5-fluoropyrimidine
(RN) 675-21-8
(HM) *PYRIMIDINES

5-fluoro-4-pyrimidinol see fluoxydine

3-fluoropyruvate
(RN) 433-48-7
(RR) 2923-22-0 (Na salt)
(HM) *PYRUVATES
(NO) a substrate for E coli pyruvate dehydrogenase; structure; RN given refers to parent cpd

8-fluororiboflavin see 8-fluoro-8-demethylriboflavin

6-fluoroserotonin
(RN) 62105-96-8
(SY) 6-flouoro-5-hydroxytryptamine
(HM) SEROTONIN/*analogs

D-6-fluoro-spiro(chroman-4,4'-imidazolidine)-2',5'- dione see sorbinil

29-fluorostigmasterol
(HM) *STIGMASTEROL/analogs
(PA) INSECTICIDES
(NO) pro-insecticide proposed to cause insect mortality due to release of 2-fluoroacetate by in vivo dealkylation; structure given in first source

4'-fluoro-5'-O-sulfamoyladenosine see nucleocidin

4-fluoro-7-sulfobenzofurazan see 7-fluorobenzo-2-oxa-1,3-diazole-4-sulfonate

fluorosulfonate see fluorosulfonic acid

fluorosulfonic acid
(RN) 7789-21-1
(SY) fluorosulfonate
(SY) fluorosulfuric acid
(HM) *SULFURIC ACIDS
(HM) *FLUORIDES

p-fluorosulfonylbenzoyl-5'-adenosine see 5'-(4-fluorosulfonylbenzoyl)adenosine

5'-(4-fluorosulfonylbenzoyl)adenosine
(SY) p-fluorosulfonylbenzoyl-5'-adenosine
(SY) 5'-FSBA
(HM) ADENOSINE/*analogs
(II) AFFINITY LABELS
(NO) affinity label of the inhibitory DPNH site of bovine liver dehydrogenase; structure

5'-(p-fluorosulfonyl)benzoyl)-1,N(6)-ethenoadenosine see 5'-(4-fluorosulfonylbenzoyl)-1,N(6)-ethenoadenosine

5'-(4-fluorosulfonylbenzoyl)-1,N(6)-ethenoadenosine
(RN) 76021-83-5
(SY) FSBN-ethenoadenosine
(SY) 5'-(p-fluorosulfonyl)benzoyl)-1,N(6)-ethenoadenosine
(HM) ADENOSINE/*analogs
(PA) ALKYLATING AGENTS
(II) AFFINITY LABELS

5'-p-fluorosulfonylbenzoylguanosine see 5'-(4-fluorosulfonylbenzoyl)guanosine

5'-(4-fluorosulfonylbenzoyl)guanosine
(SY) 5'-p-fluorosulfonylbenzoylguanosine
(SY) 5'-FSBG
(HM) GUANOSINE/*analogs
(II) AFFINITY LABELS

5'-(3-fluorosulfonylbenzoyl)uridine
(SY) 5'-3-FSBU
(SY) 5'-(meta-fluorosulfonylbenzoyl)uridine
(HM) URIDINE/*analogs
(NO) structure given in first source

5'-(4-fluorosulfonylbenzoyl)uridine
(SY) 5'-4-FSBU
(SY) 5'-(para-fluorosulfonylbenzoyl)uridine
(HM) URIDINE/*analogs
(NO) structure given in first source

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fluorosulfuric acid see fluorosulfonic acid

4-fluorotamoxifen
(RN) 73617-96-6
(RR) 77588-48-8 ((E)-isomer)
(SY) para-fluorotamoxifen
(HM) TAMOXIFEN/*analogs
(PA) ESTROGEN ANTAGONISTS
(NO) RN given refers to (Z)-isomer; RN for cpd without isomeric designation not in Chemline 8/1/83

5-fluoro-3-(tetrahydro-2-furyl)-uracil see 3-FT

3-fluorothiamphenicol see Sch 25298

Fluoro-Thin see silicophosphate cement

4'-fluoro-4-(4-(2-thioxo-1-benzimidazolinyl) piperidino)butyrophenone see timiperone

2-(3-fluoro-o-toluidine)-2-imidazoline see flutonidin

fluorotrimethylsilane see trimethylfluorosilane

fluorotriphenylstannane see triphenyltin fluoride

5-fluorotryptamine
(RN) 576-16-9
(RR) 2711-58-2 (mono-HCl)
(HM) *TRYPTAMINES
(NO) RN given refers to parent cpd

5-fluoro-8-tryptophan somatostatin see somatostatin, 5-fluoro-8-Trp-

4-fluorotryptophan
(RN) 25631-17-8
(RR) 25631-05-4 ((DL)-isomer)
(HM) TRYPTOPHAN/*analogs
(NO) RN given refers to cpd without isomeric designation

5-fluorotryptophan
(RN) 343-91-9
(RR) 16626-02-1 ((L)-isomer)
(RR) 154-08-5 ((DL)-isomer)
(RR) 72258-74-3 (18F-labeled cpd (L)-isomer)
(RR) 40498-29-1 (18F-labeled cpd)
(HM) TRYPTOPHAN/*analogs
(NO) RN given refers to cpd with unspecified isomeric designation

6-fluorotryptophan
(RN) 343-92-0
(RR) 19310-00-0 ((L)-isomer)
(RR) 7730-20-3 ((DL)-isomer)
(HM) TRYPTOPHAN/*analogs
(NO) an inhibitor of serotonin synthesis; RN given refers to parent cpd without isomeric designation

3-fluorotyrosine
(RN) 139-26-4
(RR) 64024-06-2 ((D)-isomer)
(RR) 403-90-7 ((DL)-isomer)
(SY) meta-fluorotyrosine
(HM) TYROSINE/*analogs
(PA) ANALEPTICS
(II) SPIN LABELS
(NO) RN given refers to cpd without isomeric designation

5-fluorouracil O-beta-D-glucuronide see MG 6758

5-fluorouracil glucuronide see MG 6758

2-fluoro-3-ureidopropionic acid see alpha-fluoro-beta-ureidopropionic acid

5-fluorouridine 5'-phosphate
(RN) 796-66-7
(RR) 82773-23-7 (18F-labeled cpd)
(RR) 67550-10-1 (di-Na salt)
(RR) 67550-09-8 (Ca salt)
(HM) *URACIL NUCLEOTIDES
(PA) ANTINEOPLASTIC AGENTS
(NO) RN given refers to parent cpd

5-fluorouridine 5'-triphosphate
(RN) 3828-96-4
(HM) *URIDINE TRIPHOSPHATE/analogs

5-fluorouridine
(RN) 316-46-1
(RR) 72156-83-3 (18F-labeled cpd)
(HM) URIDINE/*analogs
(PA) RNA, RIBOSOMAL/antag
(NO) irreversible inhibitor of ribosomal RNA biosynthesis; RN given refers to unlabeled cpd

(Z)-5-(2-fluorovinyl)-2'-deoxyuridine see 5-(2-fluorovinyl)-2'-deoxyuridine

5-(2-fluorovinyl)-2'-deoxyuridine
(SY) FVUdR
(SY) (Z)-5-(2-fluorovinyl)-2'-deoxyuridine
(HM) DEOXYURIDINE/*analogs
(II) HERPES SIMPLEX VIRUS
(NO) inhibitor of herpes simplex virus type 1 (HSV-1)

6-fluorovitamin D3
(SY) 6-fluoro-vitamin D3
(HM) *CHOLECALCIFEROLS
(PA) CHOLECALCIFEROLS/antag
(NO) vitamin D3 antagonist

6-fluoro-vitamin D3 see 6-fluorovitamin D3

Fluor Protector
(RN) 64441-49-2
(SY) Fluor-Protector
(HM) *SILANES
(HM) *FLUORIDES, TOPICAL
(HM) *POLYURETHANES
(HM) DRUG COMBINATIONS
(II) FLUORIDES, TOPICAL
(NO) polyurethane lacquer containing 3-methoxy-4-hydroxycyclohexyl ethyldifluorohydroxysilane; NI same as NM in Chemline; topical fluoride caries inhibitor

Fluor-Protector see Fluor Protector

fluosilicic acid see hexafluorosilicic acid

fluosol-DA
(RN) 75216-20-5
(HM) *FLUOROCARBONS
(HM) DRUG COMBINATIONS
(II) PLASMA SUBSTITUTES
(II) BLOOD SUBSTITUTES
(II) CONTRAST MEDIA
(NO) contains perfluorodecalin, perfluorotripropylamine, pluronic F-68, yolk phospholipids, glycerol, salts, glucose, hydroxyethyl starch

fluosol-DC see perfluorodecalin

fluosol-43 see perfluorotributylamine

fluotracen
(RN) 35764-73-9
(RR) 57363-14-1 (HCl(cis-(+-))-isomer)
(SY) SK&F 28175
(SY) 9,10-dihydro-N,N-10-trimethyl-2-(trifluoromethyl)-9-anthracenepropanamine
(HM) *ANTHRACENES
(PA) ANTIDEPRESSIVE AGENTS, TRICYCLIC
(NO) structure; RN given refers to (cis(+-))-isomer; RN for cpd without isomeric designation not in Chemline 6/84

fluoxidine see fluoxydine

fluoxydine
(RN) 671-35-2
(SY) fluoxidine
(SY) 5-fluoro-4-pyrimidinol
(HM) *PYRIMIDINES
(PA) ANTIMETABOLITES
(PA) ANTINEOPLASTIC AGENTS
(NO) structure

flupamesone
(RN) 55461-42-2
(SY) flutenal
(SY) UR 105
(HM) *PREGNADIENEDIOLS
(II) GLUCOCORTICOIDS, TOPICAL
(NO) structure

flupenthixol decanoate
(RN) 30909-51-4
(RR) 69079-98-7 ((Z)-isomer)
(SY) depixol
(SY) flupentixol decanoate
(HM) *FLUPENTHIXOL/analogs
(PA) TRANQUILIZING AGENTS
(NO) structure; RN given refers to parent cpd without isomeric designation

flupentixol decanoate see flupenthixol decanoate

fluperlapine
(RN) 67121-76-0
(SY) NB 106-689
(SY) 3-fluoro-6-(4-methylpiperazinyl)-11H-dibenz[b,e] azepine
(HM) *DIBENZAZEPINES
(PA) TRANQUILIZING AGENTS, MAJOR
(NO) RN from USAN; RN not in Chemline 7/84; structure in first source

fluphenazine decanoate see fluphenazine depot

fluphenazine depot
(RN) 5002-47-1
(SY) fluphenazine decanoate
(SY) florphenazine decanoate
(SY) modecate
(SY) moditen-depot
(SY) moditen depot
(HM) FLUPHENAZINE/*analogs
(II) DELAYED-ACTION PREPARATIONS

fluphenazine enanthate see moditen enanthate

flupirtine
(RN) 56995-20-1
(RR) 75507-68-5 (maleate[1:1])
(SY) ethyl 2-amino-6-((p-fluorobenzyl)amino)-3-pyridinecarbamate
(SY) flupirtin maleate
(SY) D 9998
(SY) D-9998
(HM) *AMINOPYRIDINES
(PA) ANALGESICS
(NO) RN given refers to parent cpd without isomeric designation

flupirtin maleate see flupirtine

fluprazine see DU 27716

fluprednidene acetate
(RN) 1255-35-2
(SY) fluprednylidene acetate
(HM) *PREGNADIENETRIOLS
(II) GLUCOCORTICOIDS, TOPICAL
(NO) has anti-inflammatory & anti-allergic properties; minor descriptor (75-83); on-line & Index Medicus search PREGNADIENETRIOLS (75-83); RN given refers to (11beta)-isomer; RN for cpd without isomeric designation not in Chemline 8/5/83; structure

fluprednylidene acetate see fluprednidene acetate

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fluprophyllin see fluprophylline

fluprophylline
(RN) 85118-43-0
(SY) fluprophyllin
(SY) Sgd 14480
(SY) Sgd-14480
(SY) 7-(2-(4-(4-fluorobenzoyl)piperidino)propyl) theophylline
(HM) THEOPHYLLINE/*analogs
(NO) has blood pressure lowering, serotonin & histamine antagonistic & broncholytic activity

fluproquazone
(RN) 40507-23-1
(SY) RF 46-790
(SY) 4-p-fluorophenyl)-1-isopropyl-7-methyl-quinazolin-2(1H)-one
(HM) *QUINAZOLINES
(PA) ANALGESICS, ANTI-INFLAMMATORY
(NO) structure given in first source

fluprostenol
(RN) 40666-16-8
(RR) 55028-71-2 (mono-Na salt)
(RR) 54276-17-4 (((1R-(1alpha(Z),2beta(1E,3R*),3alpha,5alpha))-(+-))-isomer)
(RR) 40695-32-7 (((1alpha(Z),2beta(1E,3R*),3alpha,5alpha)-(+-))-isomer)
(SY) ICI 81,008
(HM) *PROSTAGLANDINS F, SYNTHETIC
(PA) LUTEOLYTIC AGENTS
(NO) synthetic prostaglandin F 2 alpha analog used as an abortifacient; RN given refers to ((1alpha(Z),2beta(1E,3R*),3alpha,5alpha)-(+-))-isomer; RN for cpd without isomeric designation not in Chemline 8/83

flurantyron see florantyrone

flurazepam AA see 7-chloro-5-(2'-fluorophenyl)-2,3-dihydro-2-oxo-1H-1,4-benzodiazepine-1-acetaldehyde

Fluress
(RN) 37209-61-3
(HM) *FLUORESCEINS
(HM) PROCAINE/*analogs
(HM) *POVIDONE
(HM) *CHLOROBUTANOL
(HM) *EDTA
(HM) DRUG COMBINATIONS
(NO) a fluorescent-anesthetic solution containing sodium fluorescein, benoxinate, povidone, chlorbutanol, EDTA & boric acid for buffering

flurfamide
(RN) 70788-28-2
(SY) flurofamide
(SY) EU-4534
(SY) N-(diaminophosphinyl)-4-fluorobenzamide
(HM) *BENZAMIDES
(PA) UREASE/antag
(NO) structure given in first source

fluridone see EL-171

flurithromycin
(HM) ERYTHROMYCIN/*analogs
(NO) fluorine derivative of erythromycin

flurofamide see flurfamide

flurofocon A
(HM) *FLUOROCARBON POLYMERS
(HM) *POVIDONE
(HM) *METHYLMETHACRYLATES
(NO) contact lens copolymer of polyperfluoroether for oxygen permeability, povidone for wetting & methyl methacrylate for strength; structure given in first source

flushing solution PBSuc 50
(SY) PBSuc-50
(HM) *PHOSPHATES
(HM) *SUCROSE
(HM) *ADENOSINE TRIPHOSPHATE
(HM) *MAGNESIUM
(II) ISOTONIC SOLUTIONS
(NO) isotonic flushing solution to protect kidneys from in situ ischemia; contains Na2HPO4, NaH2PO4, sucrose, ATP & MgCl2

flustramine A
(RN) 71239-64-0
(HM) *ALKALOIDS
(PA) PARASYMPATHOLYTICS
(PA) MUSCLE RELAXANTS, CENTRAL
(II) PLANTS, MEDICINAL
(NO) from Flustra foliacea L.; exhibits muscle relaxant activity both in vivo & in vitro; RN given from CAS Index Guide 1984; RN not in Chemline 6/84; structure given in first source

flustramine B
(RN) 71239-65-1
(HM) *ALKALOIDS
(PA) MUSCLE RELAXANTS, CENTRAL
(PA) PARASYMPATHOLYTICS
(II) PLANTS, MEDICINAL
(NO) from Flustra foliacea L.; exhibits muscle relaxant activity both in vivo & in vitro; RN given from CAS Index Guide 1984; RN not in Chemline 6/84; structure given in first source

flutazolam
(RN) 27060-91-9
(SY) MS 4101
(SY) 10-chloro-11b-(2'-fluorophenyl)-2,3,5,6,7,11b-hexahydro-7-(2"-hydroxyethyl)benzo(6,7)-1,4-diazepino(5,4-b)oxazol-6-one
(HM) *BENZODIAZEPINONES
(PA) BENZODIAZEPINE TRANQUILIZERS
(NO) structure

flutenal see flupamesone

flutiorex
(RN) 59173-25-0
(RR) 59173-22-7 ((-)-isomer)
(RR) 53993-67-2 ((+)-isomer)
(RR) 59960-78-0 (HCl(+-)-isomer)
(SY) SL 72340
(SY) tiflorex
(HM) FENFLURAMINE/*analogs
(PA) APPETITE DEPRESSANTS
(NO) structure; RN given refers to (+-)-isomer; RN for cpd without isomeric designation not in Chemline 6/84

flutonidin
(RN) 28125-87-3
(RR) 16822-88-1 (mono-HCl)
(SY) ST 600
(SY) 2-(5-fluoro-o-toluidine)-2-imidazoline
(HM) *IMIDAZOLES
(PA) ANTIHYPERTENSIVE AGENTS
(PA) ADRENERGIC ALPHA RECEPTOR AGONISTS
(NO) RN given refers to parent cpd

flutoprazepam see KB 509

flutroline
(RN) 62655-22-5
(RR) 70801-02-4 ((+-)-isomer)
(SY) CP-36,584
(SY) 8-fluoro-5-(4-fluorophenyl)-2-(4-(4-fluorophenyl)-4-hydroxybutyl)-2,3,4,4a,5,9b-hexahydro-1H-pyrido(4,3-b)indole hydrochloride
(SY) (2-parafluorophenyl-4-hydroxybutyl)-5-parafluorophenyl-8-fluoro-1,2,3,4-tetrahydro-gamma-carboline
(HM) *CARBOLINES
(PA) TRANQUILIZING AGENTS, MAJOR
(PA) ANTIPSYCHOTIC AGENTS
(NO) structure given in first source; RN given refers to cpd without isomeric designation

fluvalinate
(RN) 79472-91-6
(RR) 69409-94-5 (cpd with unspecified cyano locant (DL)-isomer)
(RR) 76821-59-5 (cpd with unspecified cyano locant ((L-Val)(R)-isomer
(RR) 76821-53-9 (cpd with unspecified cyano locant (D-Val)(S)-isomer)
(RR) 76821-52-8 (cpd with unspecified cyano locant (D-Val)(R)-isomer)
(SY) mavrik
(SY) alpha-cyano-3-phenoxybenzyl 2-(2-chloro-4-trifluoromethylanilino)-3-methylbutanoate
(HM) *PYRETHRINS
(PA) INSECTICIDES
(NO) RN given refers to 2-cyano isomer (DL)-isomer; RN for cpd with unspecified isomeric designation not in Chemline 8/83

fluvoxamine
(RN) 61718-82-9
(RR) 54739-20-7 ((E)-isomer)
(SY) DU 23000
(SY) 5-methoxy-4'-(trifluoromethyl)valerophenone O-(2-aminoethyl)oxime maleate
(HM) *OXIMES
(PA) ANTIDEPRESSIVE AGENTS
(PA) SEROTONIN ANTAGONISTS
(NO) serotonin re-uptake inhibitor; structure; RN given refers to cpd without isomeric designation

flux see borax

fluzinamide
(RN) 76263-13-3
(SY) AHR-8559
(SY) N-methyl-3-(3-(trifluoromethyl)phenoxy)-1-azetidinecarboxamide
(HM) *AZETIDINES
(PA) ANTICONVULSANTS
(NO) structure in first source

fly ash
(RN) 68131-74-8
(SY) soft coal fly ash
(HM) *CARBON
(II) INDUSTRIAL WASTE
(II) COAL
(NO) results from burning of pulverized coal in electric power generating plants

FLAc see fucosyl-N-acetylglucosaminylasparagine

F-MACHOP protocol
(HM) VINCRISTINE
(HM) CYCLOPHOSPHAMIDE
(HM) FLUOROURACIL
(HM) CYTARABINE
(HM) DOXORUBICIN
(HM) METHOTREXATE
(HM) PREDNISONE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above 7 cpds; used in treatment of non-Hodgkin's lymphomas

FMAU see 2'-fluoro-5-methylarabinosyluracil

FMC-23509 see FMC 23509

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FMC 23509
(RN) 32795-74-7
(SY) CRD 9499
(SY) juvenile hormone analog FMC 23509
(SY) FMC-23509
(HM) *EPOXIDES
(II) JUVENILE HORMONES

FMC 33297 see permethrin

F-Met-Aib-Phe see formylmethionyl-alpha-aminoisobutyryl-phenylalanine

fMet-Ala-Leu see formylmethionyl-alanyl-leucine

F-Met-cycl-Leu-Phe see N-formylmethionyl-cycloleucyl-phenylalanine

fMet-Leu-Phe receptor see N-formylmethionyl peptide receptor

fMet-Leu-Tyr see N-formylmethionyl-leucyl-tyrosine

F-Met-Met-Phe see N-formylmethionyl-methionyl-phenylalanine

F-Met-Phe see N-formylmethionylphenylalanine

N-fMet-sulfoxide-Leu-Phe see N-formylmethionyl sulfoxide-leucyl-phenylalanine

FMet-tRNA(f) deacylase see methionyl-tRNA-Met-f deacylase

fMet-Val see N-formylmethionylvaline

FMIF see fibroblast migration inhibitory factor

FMLP OMe see formylmethionyl-leucyl-phenylalanine methyl ester

FML protocol
(HM) FLUOROURACIL
(HM) MITOMYCINS
(HM) LENTINAN
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above 3 cpds

FMN adenylyltransferase
(RN) EC 2.7.7.2
(RR) 9026-37-3 (CRN)
(SY) FAD pyrophosphorylase
(SY) FAD synthetase
(HM) *NUCLEOTIDYLTRANSFERASES

FMN phosphatase
(RN) EC 3.1.3.-
(SY) flavin mononucleotidase
(HM) *NUCLEOTIDASES

FMN reductase see flavin mononucleotide reductase

FMN semiquinone see flavin mononucleotide semiquinone

FMOC-amino acids see N-alpha-fluorenylmethyloxycarbonylamino acids

FMoxLP see N-formylmethionyl sulfoxide-leucyl-phenylalanine

FMP see N-formylmethionylphenylalanine

FMR antigen
(HM) *ANTIGENS, VIRAL
(NO) from exogenous C virus of group FMR

FMRF-amide see FMRFamide

FMRFamide
(RN) 64190-70-1
(RR) 84413-35-4 ((D-phenylalaninamide)-isomer)
(RR) 84313-44-0 ((D-Arg)-isomer)
(RR) 84313-43-9 ((D-Met)-isomer)
(RR) 84313-42-8 ((D-Phe)-isomer)
(SY) phenylalanyl-methionyl-arginyl-phenylalaninamide
(SY) FMRF-amide
(SY) Phe-Met-Arg-Phe-NH2
(SY) molluscan cardio-excitatory neuropeptide
(SY) cardio-excitatory neuropeptide, molluscan
(SY) Phe-Met-Arg-Phe-amide
(HM) *OLIGOPEPTIDES
(II) NERVE TISSUE PROTEINS
(NO) molluscan tetrapeptide; RN given refers to all (L)-isomer

F-MTX see PT 430

6-FMVAPP see 6-fluoromevalonate-5-pyrophosphate

6-FMVA see 6-fluoromevalonolactone

FMVMP regimen
(HM) FLUOROURACIL
(HM) METHOTREXATE
(HM) VINCRISTINE
(HM) MELPHALAN
(HM) PREDNISONE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds; used in therapy of prostatic neoplasms

F(M)100 see FM 100

FM-100 see FM 100

FM 100
(RN) 11114-13-4
(SY) FM100
(SY) F(M)100
(SY) FM-100
(HM) *PLANT EXTRACTS
(PA) ANTI-ULCER AGENTS
(II) GLYCYRRHIZA
(NO) fraction of licorice root; affects serum gastrin concentration

FM100 see FM 100

FM-24 see FM 24

FM 24
(RN) 69319-47-7
(SY) 1-(2-exo-bicyclo(2.2.1)hept-2-ylphenoxy)-3- ((1-methylethyl)amino)-2-propanol
(SY) FM-24
(HM) *PROPANOLAMINES
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS
(NO) structure

F-3-NDEA see N-nitroso-(2,2,2-trifluoroethyl)ethylamine

F-neurotoxin (snake venom) see snake venom neurotoxin F

FNFB see 5-fluoro-(2'-nitrofuryl)-2-benzimidazole

FNLRF amide see phenylalanyl-norleucyl-arginyl-phenylalaninamide

p-FNMA see N-nitroso-N-methyl-4-fluoroaniline

fur protein see gene proteins, bacterial

FNT phosphatase see fenitrothion phosphatase

FOAM protocol
(HM) FLUOROURACIL
(HM) VINCRISTINE
(HM) DOXORUBICIN
(HM) MITOMYCINS
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

FOB blood substitute
(HM) *FLUOROCARBONS
(HM) *PHOSPHOLIPIDS
(HM) *GLYCERIN
(HM) DRUG COMBINATIONS
(II) BLOOD SUBSTITUTES
(NO) artificial blood substitute composed of perfluorooctylbromide, egg phospholipids & glycerol

FOCMA see feline oncornavirus-associated cell membrane antigen

fodrin
(SY) alpha,gamma spectrin
(SY) alpha-fodrin
(HM) *CARRIER PROTEINS
(HM) *MICROFILAMENT PROTEINS
(II) NERVE TISSUE PROTEINS
(II) MEMBRANE PROTEINS
(II) SPECTRIN
(NO) comprised of two polypeptides (mol wt 250,000 & 240,000) axonally transported; see also record for calmodulin-binding protein; may be similar to it

FokI endonuclease see endodeoxyribonuclease FokI

folacin conjugase see gamma-glutamyl hydrolase

folakor see bis(phenol A-glycidyl methacrylate)

Folaprim see maloprim

folate binding protein see folate-binding protein

folate-binding protein
(SY) folic acid binding protein
(SY) folate receptor
(SY) folate binding protein
(HM) *CARRIER PROTEINS
(II) RECEPTORS, ENDOGENOUS SUBSTANCES
(II) FOLIC ACID

folate receptor see folate-binding protein

Folbex-forte see isopropyl 4,4'-dibromobenzilate

Folbex-VA see isopropyl 4,4'-dibromobenzilate

Folch-Pi apoprotein
(HM) *MYELIN PROTEINS
(HM) *APOPROTEINS
(NO) hydrophobic myelin apoprotein

Folch-Pi PLP see Folch-Pi proteolipid protein

Folch-Pi proteolipid protein
(SY) myelin specific proteolipid protein
(SY) proteolipid protein, myelin specific
(SY) Folch-Pi PLP
(SY) myelin specific protein
(HM) *MYELIN PROTEINS
(NO) the major intrinsic protein of the myelin membrane

folcysteine
(RN) 8064-47-9
(HM) *FOLIC ACID
(HM) *CYSTEINE
(HM) DRUG COMBINATIONS
(NO) used to promote fertility in chickens

Folex see merphos

folic acid binding protein see folate-binding protein

folic acid C9-N10 cleaving enzyme see folic acid deaminase

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folic acid deaminase
(RN) EC 3.5.4.-
(SY) folic acid inactivating enzyme
(SY) folic acid C9-N10 cleaving enzyme
(HM) *AMINOHYDROLASES
(NO) chemotaxis regulating enzyme; splits folic acid into 6-hydroxymethylpterin & p-aminobenzoylglutamic acid

folic acid inactivating enzyme see folic acid deaminase

folic acid oxidase
(RN) EC 1.11.-
(HM) *PEROXIDASES
(NO) enzyme from human red blood cell membranes; catalyzes oxidation of folic acid to pterin-6-aldehyde plus p-aminobenzoylglutamic acid in presence of H2O2; singlet oxygen is involved

Folin's phenol reagent
(HM) *TUNGSTEN
(HM) *MOLYBDENUM
(II) INDICATORS AND REAGENTS
(NO) active ingredient is a phosphotungstic phosphomolybdic acid of the 1:18 series; reagent consists of sodium tungstate dihydrate, sodium molybdate dihydrate, phosphoric acid, hydrochloric acid & lithium sulfate

follicle stimulating hormone alpha subunit see alpha subunit, pituitary hormones

follicle-stimulating hormone beta subunit see FSH-beta

follicular fluid oocyte maturation inhibitor
(SY) FFOMI
(HM) *PEPTIDES
(PA) GROWTH INHIBITORS
(NO) small polypeptide; MW approx 2000; in fluid of antral porcine follicles

Folinil see stediril

folpet
(RN) 133-07-3
(SY) Phaltan
(SY) phthalan
(HM) *PHTHALIMIDES
(PA) FUNGICIDES, INDUSTRIAL
(NO) russian cpd; structure

folyl poly-gamma-glutamate carboxypeptidase see gamma-glutamyl hydrolase

folylpoly-gamma-glutamate synthetase see folylpolyglutamate synthetase

folylpolyglutamate synthetase
(RN) EC 6.3.2.-
(SY) folylpoly-gamma-glutamate synthetase
(HM) *PEPTIDE SYNTHETASES
(NO) catalyze the formation of amide bond between gamma-carboxyl of a folate and amino group of glutamic acid folate; any folic acid including polyglutamates

fomecin A
(RN) 1403-56-1
(HM) O-PHTHALALDEHYDE/analogs
(PA) ANTIBIOTICS
(NO) metabolite of basidiomycete Fomes juniperinus; structure given in first source

fonazine
(RN) 7456-24-8
(RR) 7455-39-2 (unspecified mesylate)
(RR) 13115-40-7 (monomesylate)
(SY) dimetotiazine
(SY) dimethothiazine
(SY) promaquid
(SY) banistyl
(SY) 10-(2-(dimethylamino)propyl)-N,N-dimethylphenothiazine-2-sulfonamide monomethane sulfonate
(SY) fonazine mesylate
(HM) *PHENOTHIAZINES
(PA) HISTAMINE H1 RECEPTOR BLOCKADERS
(NO) has considerable antiemetic & serotonin antagonistic action used mainly in allergic skin conditions; minor descriptor (75-84); on-line & Index Medicus search PHENOTHIAZINES (75-84); RN given refers to parent cpd

fonazine mesylate see fonazine

fonlipol see tiadenol

FoNPH see N-formyl-4-nitrophenylhydroxylamine

fonsecin monomethyl ether
(HM) *NAPHTHOLS
(HM) *PYRONES
(II) ASPERGILLUS NIGER
(NO) metabolite of Aspergillus niger; structure given in first source

food blue 2 see brilliant blue

food green 2 see Light green SF

Food Green 3 see fast green FCF

food violet No. 2 see Acid Violet 6B

fopurin
(RN) 42061-52-9
(RR) 66046-04-3 (32P-labeled cpd)
(HM) *AZIRIDINES
(PA) ANTINEOPLASTIC AGENTS
(NO) structure; RN given refers to unlabeled cpd

Foral 85
(RN) 8050-31-5
(HM) *DITERPENES
(II) RESINS
(NO) glycerol ester of hydrogenated abietic acid; causes allergic contact dermatitis

fordonal see thiazolinobutazone

forfenicin see forphenicine

Formaldehyde dehydrogenase
(RN) EC 1.2.1.1
(RR) 9028-84-6 (CRN)
(HM) *ALDEHYDE OXIDOREDUCTASES

formaldehyde, polymer with oxirane and 4-(1,1,3,3-tetramethylbutyl)phenol see tyloxapol

formaldehyde-serum albumin
(SY) F-Alb
(SY) serum albumin, bovine-formaldehyde
(HM) *FORMALDEHYDE
(HM) *SERUM ALBUMIN, BOVINE

formaldehyde-serum albumin receptor
(SY) receptor, formaldehyde-serum albumin, bovine
(SY) F-Alb receptors
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) SERUM ALBUMIN, BOVINE
(II) FORMALDEHYDE

formal glycol
(RN) 646-06-0
(SY) 1,3-dioxolane
(HM) *DIOXOLANES
(PA) MUTAGENS

formamide
(RN) 75-12-7
(HM) *FORMAMIDES

formamidine sulfinic acid
(RN) 1758-73-2
(HM) *SULFINIC ACIDS
(NO) a reducing agent

2-formamido-4,4-diphenyl-5-heptanone
(SY) FADPH
(HM) METHADONE/*analogs
(NO) methadone metabolite in rat; structure given in first source

formamidopyrimidine-DNA glycosylase
(RN) EC 3.2.2.-
(SY) FAP-DNA glycosylase
(HM) *NUCLEOSIDASES
(NO) substrate is the ring-opened form of 7-methylguanine

formamidoxime
(RN) 624-82-8
(HM) *HYDROXYLAMINES
(NO) structure

formanilide see N-phenylformamide

formate see formic acid

formate acetyltransferase
(RN) EC 2.3.1.54
(RR) 9068-08-0 (CRN)
(SY) pyruvate formate-lyase
(SY) pyruvate formate-lyase (CoA acetylating)
(HM) *ACETYLTRANSFERASES

formate dehydrogenase, ferredoxin-dependent see carbon dioxide reductase

formate dehydrogenase (NADP+)
(RN) EC 1.2.1.43
(HM) *FORMATE DEHYDROGENASES
(NO) catalyzes the formation of CO2 & NADPH from formate & NADP+

formebolone see formyldienolone

formetanate
(RN) 22259-30-9
(RR) 23422-53-9 (mono-HCl)
(HM) *CARBAMATES
(PA) INSECTICIDES, CARBAMATE
(NO) minor descriptor (72-85); on-line & Index Medicus search CARBAMATES (72-85); RN given refers to parent cpd

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formic acid
(RN) 64-18-6
(RR) 590-29-4 (K salt)
(RR) 557-41-5 (Zn salt)
(RR) 544-19-4 (Cu(+2) salt)
(RR) 544-18-3 (Co(+2) salt)
(RR) 544-17-2 (Ca salt)
(RR) 540-69-2 (NH4 salt)
(RR) 141-53-7 (Na salt)
(RR) 70179-79-2 (NH4[4:1] salt)
(RR) 592-89-2 (Sr salt)
(RR) 68310-83-8 (unspecified Cu-NH4 salt)
(RR) 68134-59-8 (unspecified Cu-Ni salt)
(RR) 64165-14-6 (NH4[2:1] salt)
(RR) 63182-21-8 (Cr(+3)-Na[4:1:1] salt)
(RR) 27115-36-2 (Cr(+3) salt)
(RR) 23102-86-5 (13C-labeled cpd Na salt)
(RR) 15907-03-6 (unspecified Cu salt)
(RR) 7360-53-4 (Al salt)
(RR) 4464-23-7 (Cd salt)
(RR) 3495-36-1 (Cs salt)
(RR) 3495-35-0 (Rb salt)
(RR) 3349-06-2 (Ni(+2) salt)
(RR) 2792-70-3 (14C-labeled cpd Na salt)
(RR) 1633-55-2 (14C-labeled cpd)
(RR) 992-98-3 (Tl(+1) salt)
(RR) 811-54-1 (Pb(+2) salt)
(RR) 557-39-1 (Mg salt)
(RR) 556-63-8 (Li salt)
(RR) 15843-02-4 (unspecified Ni salt)
(RR) 7056-83-9 (unspecified Pb salt)
(SY) formate
(SY) sodium formate
(HM) *FORMIC ACIDS
(NO) RN given refers to parent cpd

formildienolone see formyldienolone

formiloxin see pentaformylgitoxin

6'-N-formimidoylamikacin
(HM) AMIKACIN/*analogs
(NO) synthetic antibiotic; structure given in first source

6'-N-formimidoyldibekacin
(HM) DIBEKACIN/*analogs
(NO) synthetic antibiotic; structure given in first source

N-formimidoyl-thienamycin see N-formimidoylthienamycin

N-formimidoyl thienamycin see N-formimidoylthienamycin

N-formimidoylthienamycin
(RN) 64221-86-9
(RR) 74431-23-5 (mono-hydrate(5R-(5alpha,6alpha(R*)))-isomer)
(SY) MK0787
(SY) N-formimidoyl-thienamycin
(SY) N-formimidoyl thienamycin
(SY) imipemide
(SY) imipenem
(HM) *THIENAMYCINS
(NO) more stable than parent cpd; structure given in second source; RN given refers to (5R-(5alpha,6alpha(R*)))-isomer; RN for cpd without isomeric designation not in Chemline 6/84

formimino-L-glutamate tetrahydrofolate 5-formiminotransferase see glutamate formiminotransferase

formiminoglycine
(RN) 2140-03-6
(HM) GLYCINE/*analogs

formiminotetrahydrofolate cyclodeaminase
(RN) EC 4.3.1.4
(SY) formiminotransferase-cyclodeaminase
(HM) *AMMONIA-LYASES
(NO) formiminotransferase catalyzes reaction of formiminoglutamate + tetrahydrofolate giving formiminotetrahydrofolate + glutamate; copurifies with the cyclodeaminase

formiminotetrahydrofolate transferase see glutamate formiminotransferase

formimino transferase see glutamate formiminotransferase

formiminotransferase-cyclodeaminase see formiminotetrahydrofolate cyclodeaminase

formocresol
(RN) 37203-87-5
(HM) *FORMOCRESOLS
(NO) preferred agent for performing pulpotomies in primary teeth

formol sublimate
(HM) *FORMALDEHYDE
(HM) *MERCURIC CHLORIDE
(II) FIXATIVES
(NO) formol, saline & mercuric chloride

formononetin
(RN) 485-72-3
(RR) 17713-18-7 (4-(14)C-labeled cpd)
(HM) *ISOFLAVONES
(NO) a phyto-estrogen which has a deleterious effect on sheep grazing in "estrogenic clover" pastures; structure; RN given refers to unlabeled cpd

Formosan habu venom see Trimeresurus mucrosquamatus venom

formoterol
(RN) 43229-80-7
(RR) 83536-10-1 (unspecified fumarate)
(RR) 80440-59-1 (fumarate((R*,R*)-(+-))-isomer)
(RR) 73573-87-2 (((R*,R*)-(+-))-isomer)
(SY) 3-formylamino-4-hydroxy-alpha-(N-1-methyl-2-p-methoxyphenethylaminomethyl)benzyl alcohol. hemifumarate
(SY) BD 40A
(HM) *ETHANOLAMINES
(PA) ADRENERGIC BETA RECEPTOR AGONISTS
(PA) BRONCHODILATOR AGENTS
(NO) RN given refers to fumarate [2:1]; RN for parent cpd with unspecified isomeric designation not in Chemline 8/83; structure

formula F 70
(SY) F-70
(SY) Ful-Fil
(HM) *POLYMETHACRYLIC ACIDS
(HM) *POLYURETHANES
(II) COMPOSITE RESINS
(NO) urethane-modified Bis-GMA

Formvar see polyvinyl acetate

Formvar 1285 see polyvinyl acetate

formycin
(RN) 6742-12-7
(SY) formycin A
(HM) *FORMYCINS

formycin A see formycin

formycin B
(RN) 13877-76-4
(RR) 78696-41-0 (mono-PO4)
(HM) *FORMYCINS
(NO) RN given refers to (beta-D)-isomer; RN for parent cpd with unspecified isomeric designation not in Chemline 8/83

formycin 5'-monophosphate see formycin 5'-phosphate

formycin nucleotides
(HM) *FORMYCINS
(HM) *RIBONUCLEOTIDES
(NO) fluorescent analogs of adenine nucleotides FTP, FDP, FMP

formycin 5'-phosphate
(RN) 13270-66-1
(SY) formycin 5'-monophosphate
(HM) *FORMYCINS
(HM) *RIBONUCLEOTIDES

formycin triphosphate
(RN) 16409-13-5
(SY) formycin 5'-triphosphate
(SY) formycin A 5'-triphosphate
(HM) *FORMYCINS
(HM) *RIBONUCLEOTIDES
(NO) formycin ATP analog

formycin A 5'-triphosphate see formycin triphosphate

formycin 5'-triphosphate see formycin triphosphate

2-formyl-17 alpha-methylandrosta-1,4-diene-11 alpha, 17 beta-diol-3-one see formyldienolone

4-formylaminoantipyrine
(RN) 1672-58-8
(HM) AMINOPYRINE/*analogs
(NO) metabolite of aminopyrine in man

3-formylamino-4-hydroxy-alpha-(N-1-methyl-2-p-methoxyphenethylaminomethyl)benzyl alcohol. hemifumarate see formoterol

formylated initiator Met tRNA see tRNA(f)(Met), methionine-

4-(6-formyl-3-azidophenoxy)butyrimidate
(SY) FAPOBI
(HM) *IMIDOESTERS
(II) CROSS-LINKING REAGENTS
(NO) a protein cross-linking reagent; structure

N-formylbenzamide
(RN) 4252-31-7
(HM) *BENZAMIDES

formyldienolone
(RN) 2454-11-7
(RR) 26127-25-3 ((11 beta,17beta)-isomer)
(SY) esiclene
(SY) formebolone
(SY) formildienolone
(SY) 2-formyl-17 alpha-methylandrosta-1,4-diene-11 alpha,17 beta-diol-3-one
(HM) *ANDROSTENEDIOLS
(II) ANABOLIC STEROIDS
(NO) structure; RN given refers to (11alpha,17beta)-isomer; RN for cpd without isomeric designation not in Chemline 6/84

N-formyl-13-dihydrocarminomycin
(RN) 76634-96-3
(SY) NFD
(HM) CARUBICIN/*analogs
(NO) isolated from Actinomadura roseoviolacea; structure in first source

10-formylfolic acid
(RN) 134-05-4
(HM) FOLIC ACID/*analogs

16-formylgitoxin see gitaloxin

S-formylglutathione
(RN) 50409-81-9
(HM) GLUTATHIONE/*analogs

s-formylglutathione hydrolase
(RN) EC 3.1.2.12
(HM) *THIOLESTER HYDROLASES

formylglycinamide ribonucleotide see phosphoribosyl-N-formylglycineamide

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formylglycinexmide ribonucleotide amidotransferase see phosphoribosylformylglycinamidine synthetase

formylglycinexmiderfbotide see phosphoribosyl-N-formylglycineamide

N-formyl hexapeptide see F-chemotactic peptide

N-formyl hexapeptide receptor see F-chemotactic peptide receptor

N-formyl hydroxyaminoacetic acid see hadacidin

3-(N-formyl-N-hydroxy)aminopropylphosphonic acid see fosmidomycin

N-formyl-N-hydroxyglycine see hadacidin

5-(2-formyl-3-hydroxyphenoxy)pentanoic acid see BW 12C

4-formyl-3-hydroxyphenylglycine see forphenicine

1-formylisoquinoline thiosemicarbazone iron chelate

(SY) IQ-1(Fe)
(SY) iron chelate, 1-formylisoquinoline thiosemicarbazone
(HM) *ISOQUINOLINES
(HM) *IRON CHELATES
(PA) RIBONUCLEOTIDE REDUCTASES/antag

1-formylisoquinoline thiosemicarbazone

(RN) 2365-26-6
(RR) 61043-13-8 ((Z)-isomer)
(RR) 61043-12-7 ((E)-isomer)
(HM) *THIOSEMICARBAZONES
(PA) ANTINEOPLASTIC AGENTS
(NO) structure; RN given refers to parent cpd without isomeric designation

N'-formylkynurenine

(RN) 1022-31-7
(RR) 13441-52-6 ((R)-isomer)
(RR) 3978-11-8 ((S)-isomer)
(HM) KYNURENINE/*analogs
(NO) a photochemical breakdown product of tryptophan in proteins; RN given refers to parent cpd without isomeric designation

formyl leurosine see formyl-leurosine

formyl-leurosine

(RN) 54022-49-0
(RR) 58115-81-4 (sulfate[1:1](3'alpha,4'alpha)-isomer)
(RR) 54081-67-3 (sulfate[2:1](3'alpha,4'alpha)-isomer)
(SY) F-leurosine
(SY) formyl leurosine
(HM) *VINCA ALKALOIDS
(PA) ANTINEOPLASTIC AGENTS
(NO) RN given refers to (3'alpha,4'alpha)-isomer; RN for cpd without iso-meric designation not ine Chemline 6/84

N-formyl-Met-Aib-Phe see formylmethionyl-alpha-aminoisobutyryl-phenylalanine

N-formyl-Met-cycl-Leu-Phe see N-formylmethionyl-cycloleucyl-phenylalanine

formyl-methenyl-methylenetetrahydrofolate synthetase

(RN) 73699-18-0
(SY) C1-THF synthase
(SY) C1-tetrahydrofolate synthase
(SY) formyl-methenyl-methylenetetrahydrofolate synthetase (combined)
(HM) *FORMYLTETRAHYDROFOLATE SYNTHETASE
(HM) *AMINOHYDROLASES
(HM) *METHYLENETETRAHYDROFOLATE DEHYDROGENASE
(HM) *MULTIENZYME COMPLEXES
(NO) contains EC 6.3.4.3, formyltetrahydrofolate synthetase, plus EC 3.5.4.9, methenyltetrahydrofolate cyclohydrolase, and EC 1.5.1.5, methylenetetrahydrofolate dehydrogenase as a complex in sheep liver

formyl-methenyl-methylenetetrahydrofolate synthetase (combined) see formyl-methenyl-methylenetetrahydrofolate synthetase

formylmethionine-tRNA see tRNA, formylmethionine-

formylmethionyl-alanyl-leucine

(RN) 83961-79-9
(SY) fMet-Ala-Leu
(HM) *OLIGOPEPTIDES
(NO) formed by E coli ribosomal protein L10 gene

formylmethionyl-alpha-aminoisobutyryl-phenylalanine

(RN) 89026-15-3
(SY) N-formyl-Met-Aib-Phe
(SY) F-Met-Aib-Phe
(HM) N-FORMYLMETHIONINE LEUCYL-PHENYLALANINE/*analogs
(II) CHEMOTACTIC FACTORS

N-formylmethionyl-cycloleucyl-phenylalanine

(RN) 89026-13-1
(SY) N-formyl-Met-cycl-Leu-Phe
(SY) F-Met-cycl-Leu-Phe
(HM) N-FORMYLMETHIONINE LEUCYL-PHENYLALANINE/*analogs
(II) CHEMOTACTIC FACTORS

formylmethionyl-leucyl-phenylalanine methyl ester

(SY) formyl-Met-Leu-Phe OMe
(SY) FMLP OMe
(HM) N-FORMYLMETHIONINE LEUCYL-PHENYLALANINE/*analogs
(II) CHEMOTAXIS, LEUKOCYTE

N-formylmethionyl-leucyl-tyrosine

(SY) fMet-Leu-Tyr
(HM) N-FORMYLMETHIONINE LEUCYL-PHENYLALANINE/*analogs

N-formylmethionylmethionylphenylalanine see N-formylmethionyl-methionyl-phenylalanine

N-formylmethionyl-methionyl-phenylalanine

(RN) 59881-05-9
(SY) F-Met-Met-Phe
(SY) N-formyl-Met-Met-Phe
(SY) N-formylmethionylmethionylphenylalanine
(HM) N-FORMYLMETHIONINE LEUCYL-PHENYLALANINE/*analogs
(II) CHEMOTACTIC FACTORS

N-formylmethionyl peptide receptor

(SY) fMet-Leu-Phe receptor
(SY) N-formylmethionyl peptide receptors
(SY) receptor, N-formylmethionyl peptide
(HM) *RECEPTORS, IMMUNOLOGIC
(II) OLIGOPEPTIDES

N-formylmethionyl peptide receptors see N-formylmethionyl peptide receptor

N-formylmethionylphenylalanine

(RN) 22008-60-2
(SY) F-Met-Phe
(SY) FMP
(SY) N-formyl-Met-Phe
(HM) *DIPEPTIDES
(II) CHEMOTACTIC FACTORS

N-formylmethionyl sulfoxide-leucyl-phenylalanine

(RN) 77543-03-4
(SY) N-fMet-sulfoxide-Leu-Phe
(SY) NFMSLP
(SY) FMoxLP
(HM) N-FORMYLMETHIONINE LEUCYL-PHENYLALANINE/*analogs
(II) CHEMOTACTIC FACTORS

formylmethionyl-tRNA see tRNA, formylmethionine-

N-formylmethionylvaline

(RN) 29790-45-2
(SY) fMet-Val
(HM) *DIPEPTIDES
(NO) RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 8/84

formyl-Met-Leu-Phe OMe see formylmethionyl-leucyl-phenylalanine methyl ester

N-formyl-Met-Met-Phe see N-formylmethionyl-methionyl-phenylalanine

N-formyl-Met-Phe see N-formylmethionylphenylalanine

N-formyl-4-nitrophenylhydroxylamine

(SY) N-formyl-para-nitrophenylhydroxylamine
(SY) FoNPH
(HM) *HYDROXYLAMINES
(PA) MUTAGENS
(NO) structure given in first source

N-formyl-Nle-Leu-Phe-Nle-Tyr-N-epsilon-(6-(4'azido-2'-nitrophenylamino)hexanoyl)Lys see NPH-peptide

N-formyl-Nle-Leu-Phe-Nle-Tyr-Lys see F-chemotactic peptide

N-formyl-Nle-Leu-Phe-NLe-125-I-Tyr-Lys-N-epsilon-6-(4' azido-2'-nitrophenylamino)hexanoate see NPH-peptide

N-formyl-Nle-Leu-p-Phe see N-formylnorleucyl-leucyl-4-phenylalanine

N-formylnorleucyl-leucyl-p-phenylalanine see N-formylnorleucyl-leucyl-4-phenylalanine

N-formyl-norleucyl-leucyl-p-phenylalanine see N-formylnorleucyl-leucyl-4-phenylalanine

N-formylnorleucyl-leucyl-4-phenylalanine

(RN) 61864-82-2
(SY) N-formyl-Nle-Leu-p-Phe
(SY) N-formyl-norleucyl-leucyl-p-phenylalanine
(SY) N-formylnorleucyl-leucyl-p-phenylalanine
(HM) *OLIGOPEPTIDES
(NO) used to demonstrate the specific binding of chemotactic peptides to receptors in rabbit neutrophils

N-formyl-norleucyl-leucyl-phenylalanyl-norleucyl-tyrosyl-N-epsilon-(6-(4'-azido-2'-nitrophenylamino) hexanoyl)lysine see NPH-peptide

N-formyl-para-nitrophenylhydroxylamine see N-formyl-4-nitrophenylhydroxylamine

formyl peptide chemotactic receptor see chemotactic peptide receptor

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formyl-(phenylalanyl)(6)-phenylalanine methyl ester
(SY) HCO-(Phe)7-OMe
(HM) *OLIGOPEPTIDES

6-formylpteria see 2-amino-4-hydroxy-6-formylpteridine

2-formylpyridine monothiosemicarbazonato copper (II) see 2-formylpyridine thiosemicarbazonato copper (II)

2-formylpyridine thiosemicarbazonato copper (II)
(RN) 71330-80-8
(SY) 2-formylpyridine monothiosemicarbazonato copper (II)
(HM) *ORGANOMETALLIC COMPOUNDS
(PA) ANTINEOPLASTIC AGENTS
(II) CHELATING AGENTS
(NO) structure given in first source

2-formylpyridine thiosemicarbazone
(RN) 3608-75-1
(RR) 61043-11-6 ((Z)-isomer)
(RR) 61043-10-5 ((E)-isomer)
(RR) 2260-14-2 (mono-HCl)
(HM) *THIOSEMICARBAZONES
(NO) structure; RN given refers to parent cpd without isomeric designation

2-formylquinoxaline-1,4-dioxide cyanoacetylhydrazone see cyadox

3-formylrifamycin SV
(RN) 13292-22-3
(SY) 3-formylrifamycin
(HM) RIFAMPIN/*analogs

3-formylrifamycin see 3-formylrifamycin SV

2'-N-formylsisomycin
(SY) G-367 S(1)
(SY) G 367 S1
(HM) SISOMYCIN/*analogs
(NO) from Dactylosporangium thallandense G-367; structure given in first source

formyltetrahydrofolate dehydrogenase
(RN) EC 1.5.1.6
(RR) 37256-25-0 (CRN)
(SY) 10-formyltetrahydrofolate dehydrogenase
(HM) *AMINE OXIDOREDUCTASES

10-formyltetrahydrofolate dehydrogenase see formyltetrahydrofolate dehydrogenase

formyl-Tyr-relaxin see N-alpha-formyltyrosyl-relaxin

formylvaline
(RN) 4289-97-8
(HM) VALINE/*analogs

foromacidin B see acetylspiramycin

forphenicine
(RN) 57784-96-0
(SY) 4-formyl-3-hydroxyphenylglycine
(SY) forfenicin
(HM) GLYCINE/analogs
(PA) ANTIBIOTICS
(NO) alkaline phosphatase inhibitor from Actinomycetes; structure

forphenicinol
(RN) 71522-58-2
(SY) alpha-amino-3-hydroxy-4-(hydroxymethyl) benzeneacetic acid
(HM) GLYCINE/*analogs
(PA) ANTIBIOTICS
(II) ADJUVANTS, IMMUNOLOGIC

Forplix
(RN) 79127-94-9
(HM) *ZERANOL
(HM) *TRENBOLONE
(HM) DRUG COMBINATIONS
(II) ANABOLIC STEROIDS
(NO) combination of above cpds

forscarnet sodium see phosphonoformic acid

Forssman glycolipid
(RN) 60267-39-2
(SY) GL-5
(SY) para-Forsaman glycolipid
(SY) GL-4
(SY) globopentaosylceramide
(HM) *GLOBOSIDES
(II) FORSSMAN ANTIGEN
(NO) structure

fortimicin A
(RN) 55779-06-1
(RR) 66768-12-5 (cpd with unspecified sulfate)
(RR) 72275-67-3 (sulfate[1:2] salt)
(SY) fortimicin A sulfate
(SY) Abbot 44747
(SY) KW1070
(SY) astromicin
(HM) AMINOGLYCOSIDES
(PA) ANTIBIOTICS
(NO) RN given refers to parent cpd; Abbot-44747 is for disulfate; see also records for fortimicin B & fortimicins; structure in 8th source

fortimicin B
(RN) 54783-95-8
(HM) AMINOGLYCOSIDES
(PA) ANTIBIOTICS
(NO) see also records for fortimicin A & fortimicins

fortimicins
(RN) 71426-83-0
(RR) 62874-51-5 (fortimicin C)
(HM) AMINOGLYCOSIDES
(PA) ANTIBIOTICS
(NO) includes fortimicins C,D, & KE; RN given refers to cpd with unknown MF; see also records for fortimicin A & fortimicin B

fortimicin A sulfate see fortimicin A

fortuitin
(RN) 9012-94-6
(HM) *LIPOPROTEINS
(NO) linear acylnonapeptide methyl ester from Mycobacterium fortuitum; structure given in first source

fosalon see phosalone

fosazepam
(RN) 35322-07-7
(HM) DIAZEPAM/*analogs
(NO) dimethylphosphinyl derivative of diazepam; structure

foscarnet see phosphonoformic acid

fosfedil
(RN) 75889-62-2
(SY) KB-944
(SY) diethyl 4-(benzothiazol-2-yl)benzylphosphonate
(SY) KB 944
(SY) Abbott 53986
(SY) fostedil
(HM) *THIAZOLES
(PA) CALCIUM CHANNEL BLOCKERS
(NO) structure

fosfemid see phosphazine

fosfenopril
(HM) *ORGANOPHOSPHORUS COMPOUNDS
(PA) KININASE II/antag
(PA) ANTIHYPERTENSIVE AGENTS
(NO) binds zinc with phosphinic acid group; structure given in first source

fosfesterol see fosfestrol

fosfestrol
(RN) 13425-53-1
(RR) 522-40-7 ((E)-isomer)
(RR) 5965-09-3 (di-Na salt(E)-isomer)
(RR) 4719-75-9 (tetra-Na salt(E)-isomer)
(RR) 23519-26-8 (unspecified Na salt(E)-isomer)
(RR) 65582-50-5 (99Tc-labeled cpd)
(SY) ST-52
(SY) cytonal
(SY) fostestrolum
(SY) Honvan
(SY) diethyldioxystilbene diphosphate
(SY) diethylstilbestrol diphosphate
(SY) fostrolin
(SY) Kyorin
(SY) Stilphostrol
(SY) difostilben
(SY) fosfesterol
(HM) DIETHYLSTILBESTROL/*analogs
(PA) ANTINEOPLASTIC AGENTS
(NO) Rx of prostatic carcinoma; RN given refers to parent cpd with unspecified isomeric designation; structure

fosfolip
(RN) 88689-69-4
(HM) *PANTETHEINE
(HM) *PHOSPHORYLCHOLINE
(HM) DRUG COMBINATIONS
(NO) contains pantethine & phosphorylcholine chloride; has lipotropic activity

fosfosal see 2-carboxyphenylphosphoric acid

fosmidomycin
(RN) 66508-53-0
(RR) 66508-37-0 (mono-Na salt)
(RR) 66508-38-1 (mono-K salt)
(RR) 82138-55-4 (unspecified Na salt)
(RR) 66508-36-9 (mono-NH4 salt)
(SY) 3-(N-formyl-N-hydroxy)aminopropylphosphonic acid
(SY) FR-31564
(HM) FOSFOMYCIN/*analogs
(NO) from Streptomyces lavendulae; RN given refers to parent cpd; structure in second source

fospirate
(RN) 5598-52-7
(SY) DH-818
(HM) *ORGANOPHOSPHORUS COMPOUNDS
(PA) ANTHELMINTICS
(NO) structure

fostedil see fosfedil

fostestrolum see fosfestrol

fostrolin see fosfestrol

fotofil
(RN) 65256-47-5
(HM) *COMPOSITE RESINS
(NO) visible light-cured, single paste composite dental restoration resin

fotrin
(RN) 37132-72-2
(SY) 2,2,4,4,6-pentaethyleneimino-6-morpholinocyclotriphosphazatriene
(HM) *AZIRIDINES
(PA) ANTINEOPLASTIC AGENTS
(PA) MUTAGENS
(NO) ethyleneamine derivative; antineoplastic; Russian drug; structure

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Fowler's solution see potassium arsenite solution

FOXY see 6-fluoro-6-desoxyoxymorphone

FOY see (ethyl 4-(6-guanidinohexanoyloxy)benzoate) methanesulfonate

foypan see Foy-305

Foy-007 see (ethyl 4-(6-guanidinohexanoyloxy)benzoate) methanesulfonate

Foy 007 see (ethyl 4-(6-guanidinohexanoyloxy)benzoate) methanesulfonate

FOY 129
(SY) FOY-129
(SY) 4-ethoxycarbamoylthio-6-guanidinocaproate phosphate
(HM) *GUANIDINES
(PA) TRYPSIN INHIBITORS

FOY-129 see FOY 129

FOY 251
(RN) 71079-09-9
(SY) FOY-251
(SY) 4-(4-guanidinobenzoyloxy)phenylacetic acid
(HM) *GUANIDINES
(PA) TRYPSIN INHIBITORS
(NO) RN given refers to monomethanesulfonate; RN for cpd without isomeric designation not in Chemline 5/85

FOY-251 see FOY 251

Foy 305 see Foy-305

Foy-305
(RN) 59721-28-7
(RR) 59721-29-8 (monomethanesulfonate)
(SY) N,N-dimethylcarbamoylmethyl-4-(4-guanidinobenzoyloxy)phenylacetate) methanesulfonate
(SY) Foy 305
(SY) camostate
(SY) foypan
(HM) *GUANIDINES
(PA) PROTEASE INHIBITORS
(NO) RN given refers to parent cpd; FOY-305 refers to methanesulfonate; structure given in first source

fozalone see phosalone

FP-Bbeta 15-42 see fibrinopeptide Bbeta 15-42

FPC-BP see ferripyochelin-binding protein

FPCoA see beta-(2-furyl)propionyl coenzyme A

FPCTR see chemotactic peptide receptor

FPD-PDAP see alpha-N-fluorodinitrophenyl-beta-N-phosphopyridoxyldiaminopropionate

F-peptide see F-chemotactic peptide

F pilin see pilin

6-FPLP see 6-fluoropyridoxal phosphate

FPL-52694
(RN) 58974-93-9
(RR) 58974-94-0 (mono-Na salt)
(SY) FPL 52694
(HM) *CHROMONES
(NO) mast cell stabilizer; RN given refers to parent cpd; FPL-52694 is mono-Na salt; structure given in first source

FPL 52694 see FPL-52694

FPL-52757 see FPL 52757

FPL 52757
(RN) 37467-41-7
(RR) 65653-50-1 (mono-Na salt)
(SY) 6,8-diethyl-5-hydroxychromone-2-carboxylic acid
(SY) FPL 52758
(SY) FPL-52757
(HM) *CHROMONES
(PA) HISTAMINE ANTAGONISTS
(NO) FPL 52758 is Na salt of FPL 52757; structure in first source; RN given refers to parent cpd

FPL 52758 see FPL 52757

FPL 55712
(RN) 40786-08-1
(SY) FPL-55712
(HM) *CHROMONES
(PA) SRS-A/antag
(NO) inhibitor of SRS-A; structure

FPL-55712 see FPL 55712

FPL 57231
(RN) 76833-60-8
(SY) FPL-57231
(HM) *CHROMONES
(PA) SRS-A/antag
(NO) structure given in first source

FPL-57231 see FPL 57231

FPL57787 see proxicromil

FPL 57787 see proxicromil

FPL 58668 see probicromil

FPL-58668 see probicromil

FPL-59002 see nedocromil

FPL 59002 see nedocromil

FPL 59002K see nedocromil

FPL-59002K see nedocromil

FPL-59257 see FPL 59257

FPL 59257
(RN) 76847-71-7
(SY) 3-(7-(3-(4-acetyl-3-hydroxy-2-propylphenoxy) propyloxy)-4-oxo-8-propyl-4H-1-benzopyran)-2-propionic acid
(SY) FPL-59257
(HM) *CHROMONES
(NO) abolishes cough response & partly inhibits bronchoconstriction produced by leukotrienes C & D

F1 polypeptide (Paramyxovirus) see virus fusion proteins

1-FPP see 1-(3-fluoro-2-pyridinyl)piperazine

FPRMeCl see phenylalanyl-prolyl-arginine chloromethyl ketone

F-protein
(HM) *MUSCLE PROTEINS
(NO) myofibrillar protein; its binding to myosin inhibited by C-protein

F protein (Sendai Virus) see virus fusion proteins

F protein SV see virus fusion proteins

FR
(SY) FR powder
(SY) FR liquid
(HM) *CALCIUM HYDROXIDE
(HM) *ZINC OXIDE
(HM) *BARIUM SULFATE
(HM) *GUAIACOL
(HM) *FORMALDEHYDE
(HM) DRUG COMBINATIONS
(II) ROOT CANAL FILLING MATERIALS
(NO) contains powder consisting of calcium hydroxide 50%, zinc oxide 20%, barium sulfate 30% & liquid consisting of guaiacol-formaldehyde cpd 40%, propylene glycol 30%, dehydrated alcohol 15%, & castor oil 15%

FRA antigen see FR antigen

fragment A diphtheria toxin see diphtheria toxin fragment A

fragment B diphtheria toxin see diphtheria toxin fragment B

fragment D, fibrinogen see fibrinogen D fragment

fragment C tetanus toxin see tetanus toxin fragment C

fragmin
(HM) *MUSCLE PROTEINS
(HM) *MICROFILAMENT PROTEINS
(NO) fragmin & actin are a complex found in Physarum actinin; fragmin reacts with both G- & F-actin making actin polymers very short; reaction requires calcium

FR antigen
(SY) fibrinogen-fibrin-related antigen
(SY) antigen, FR
(SY) fibrin-fibrinogen-related antigen
(SY) fibrin-related antigen
(SY) FRA antigen
(HM) *ANTIGENS
(II) FFDP/immunol

FR-300-BA
(RN) 1163-19-5
(SY) decabromodiphenyl oxide
(HM) *BROMOBENZENES
(II) FLAME RETARDANTS
(NO) structure

freamine see travasol

freamine III see travasol

Fredericamycin A see fredericamycin A

fredericamycin A
(RN) 80455-68-1
(SY) FCRC-A48
(SY) NSC-305263
(SY) Fredericamycin A
(SY) Spiro(2H-benz(f)indene-2,8'-(8H)cyclopent(g) isoquinoline)-1,1';3,5,8,(2'H)-pentone, 6',7'-dihydro-4,9,9'-trihydroxy-6-methoxy-3'-(1,3-pentadienyl)-, (E,E)-
(HM) *ANTIBIOTICS, ANTINEOPLASTIC
(NO) from Streptomyces griseus (FCRC-48); no other information available 2/9/82

free fatty aldehydes see fatty aldehyde

free secretory component (lung)
(HM) *GLYCOPROTEINS
(NO) glycoprotein found in lung lavage fluid; synthesized by serous cells of the bronchial epithelium

Fremy's salt
(RN) 14293-70-0
(SY) potassium nitrosodisulfonate
(HM) *NITROSO COMPOUNDS
(II) INDICATORS AND REAGENTS
(NO) mild reagent for conversion of phenols to quinones; structure

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frenolone see metofenazate

frentizole
(RN) 26130-02-9
(RR) 76556-01-9 (mono-hydrate)
(HM) *PHENYLUREA COMPOUNDS
(PA) IMMUNOSUPPRESSIVE AGENTS
(NO) RN given refers to parent cpd

Freon C 318 see Freon C-318

Freon C-318
(RN) 115-25-3
(SY) octafluorocyclobutane
(SY) Freon C 318
(HM) *FREONS
(NO) structure

freon-FT see trichlorotrifluoroethane

freon 11 see trichlorofluoromethane

freon 113 see Frigen 113 TR

freon-12
(RN) 75-71-8
(RR) 53779-02-5 (18F-labeled cpd)
(SY) fluorocarbon-12
(SY) F-12
(SY) dichlorodifluoromethane
(SY) Genetron 12
(SY) FC 12
(HM) *FREONS
(NO) refrigerant,aerosol propellant;structure; RN given refers to unlabeled parent cpd

Freon 13B1 see bromotrifluoromethane

freon 22 see fluorocarbon 22

Frenon see trifenmorph

FRgp-100-K see fucose-rich glycoprotein 100-K

Frialit
(RN) 80738-39-2
(HM) *ALUMINUM OXIDE
(II) DENTAL PORCELAIN
(NO) West German aluminum oxide ceramic

Frigen
(RN) 55585-03-0
(HM) *FREONS

Frigen 113 TR
(RN) 76-13-1
(SY) 1,1,2-trichloro-1,2,2-trifluoroethane
(SY) freon 113
(HM) *FREONS
(NO) structure

Frisium see clobazam

FR liquid see FR

FR powder see FR

frubiase
(RN) 56391-76-5
(HM) *CALCIUM
(HM) *ERGOCALCIFEROL
(HM) DRUG COMBINATIONS
(NO) combination of calcium gluconate, calcium lactate, ergocalciferol, phosphoric acid & ascorbic acid; used in treatment of erythema & urticaria

fructanase see levanase

fructan beta-fructosidase
(RN) EC 3.2.1.80
(SY) exo-beta-D-fructosidase
(SY) beta-D-fructan fructohydrolase
(HM) *GLYCOSIDE HYDROLASES

Fructan S see polyfructosan

fructokinase
(RN) EC 2.7.1.4
(RR) 9030-51-7 (CRN)
(SY) fructokinase I
(HM) *FRUCTOKINASES
(NO) catalyzes D-fructose to yield D-fructose 6-phosphate & ADP in the presence of ATP

fructokinase I see fructokinase

fructosamine
(RN) 4429-04-3
(HM) *HEXOSAMINES
(NO) for determination of serum glycosylprotein; glucose bound to protein by aldimine linkage undergoes an Amadori rearrangement to the ketamine (fructosamine)

fructose 2,6-biphosphate see fructose 2,6-diphosphate

fructose 1,6-bisphosphatase converting enzyme
(RN) EC 3.4.-
(SY) F-1,6-BPase convertase
(HM) *PEPTIDE HYDROLASES
(NO) from rabbit liver lysosomes, increases fructose-diphosphatase activity

fructose-2,6-bisphosphatase
(RN) EC 3.1.3.46
(SY) fructose-2,6-diphosphatase
(HM) *PHOSPHOMONOESTERASES
(NO) copurifies with 6-phosphofructo-2-kinase; probably is a single protein with both activities

fructose 1,6-bisphosphate see fructose-1,6-diphosphate

fructose 2,6-bisphosphate see fructose 2,6-diphosphate

fructose-2,6-diphosphatase see fructose-2,6-bisphosphatase

fructose-1,6-diphosphate
(RN) 488-69-7
(RR) 38099-82-0 (tri-Na salt)
(RR) 26177-85-5 (di-Na salt)
(RR) 23558-08-9 (unspecified Na salt)
(RR) 15499-52-2 (tetra-K salt)
(RR) 14453-43-1 ((L)-isomer)
(RR) 6055-82-9 (Ca[1:2] salt)
(RR) 6035-52-5 (Ba[1:2] salt)
(RR) 3573-59-9 (mono-Na salt)
(RR) 23784-19-2 (tetra-Na salt)
(RR) 34378-77-3 (unspecified Ca salt)
(RR) 41012-14-0 (unspecified Na salt monohydrate)
(RR) 57514-07-5 (2-(18)O-labeled cpd)
(RR) 34693-23-7 ((alpha-D)-isomer)
(RR) 34693-15-7 ((beta-D)-isomer)
(SY) fructose 1,6-diphosphate
(SY) fructose 1,6-bisphosphate
(HM) *FRUCTOSEDIPHOSPHATES
(NO) RN given refers to (D)-isomer; RN for parent cpd without isomeric designation not in Chemline 8/83

fructose 1,6-diphosphate see fructose-1,6-diphosphate

fructose 2,6-diphosphate
(SY) fructose 2,6-biphosphate
(SY) phosphofructokinase activation factor
(SY) phosphofructokinase activator
(SY) fructose 2,6-bisphosphate
(HM) *FRUCTOSEDIPHOSPHATES
(NO) phosphofructokinase activator synthesized via Mg-ATP & fructose-6-P

fructoseglycine see fructosyl-glycine

fructose glycine see fructosyl-glycine

fructose lysine see fructosyl-lysine

fructose-6-phosphatase
(RN) EC 3.1.3.-
(HM) *PHOSPHOMONOESTERASES

fructose-6-phosphate,2-kinase see 6-phosphofructo-2-kinase

fructose-1-phosphate
(RN) 15978-08-2
(RR) 34079-63-5 (unspecified Ba salt(D)-isomer)
(RR) 19456-80-5 ((L)-isomer)
(RR) 3615-14-3 (mono-Na salt(D)-isomer)
(HM) *FRUCTOSEPHOSPHATES
(NO) RN in Chemline for alpha-D-fructopyranose-cpd:126-25-0; RN given refers to (D)-isomer; RN for cpd without isomeric designation not in Chemline 6/84

fructose 6-phosphate
(RN) 6814-87-5
(RR) 643-13-0 ((D)-isomer)
(RR) 6035-54-7 (Ba[1:1] salt(D)-isomer)
(RR) 6035-55-8 (Mg[1:1] salt(D)-isomer)
(RR) 26177-86-6 (di-Na salt(D)-isomer)
(RR) 37564-55-9 (unspecified Na salt(D)-isomer)
(RR) 34405-73-7 (unspecified Ca salt(D)-isomer)
(RR) 19074-67-0 (unspecified Na salt)
(RR) 41452-28-2 ((alpha-D)-isomer)
(RR) 41452-29-3 ((beta-D)-isomer)
(RR) 56401-18-4 (unspecified Ba salt(D)-isomer)
(RR) 36702-67-7 (1-(14)C-labeled cpd (D)-isomer)
(RR) 40615-87-0 (2-(14)C-labeled cpd (D)-isomer)
(HM) *FRUCTOSEPHOSPHATES
(NO) RN given refers to parent cpd with unspecified isomeric designation

fructosyl-glycine
(RN) 4429-05-4
(SY) fructosylglycine
(SY) fructose glycine
(SY) fructoseglycine
(HM) GLYCINE/*analogs

fructosylglycine see fructosyl-glycine

fructosyl-lysine
(RN) 21291-40-7
(SY) fructosyllysine
(SY) fructose lysine
(HM) LYSINE/*analogs

fructosyllysine see fructosyl-lysine

fructosyltransferase see inulosucrase

fructosylvaline
(RN) 10003-64-2
(RR) 60644-21-5 ((beta)-isomer)
(SY) Fru-Val
(HM) VALINE/*analogs
(NO) RN given refers to (S)-isomer; RN for cpd without isomeric designation not in Chemline 6/85; structure given in first source

Fruglumin
(HM) *ADJUVANTS, IMMUNOLOGIC
(NO) an agent for producing high titer hemagglutinating sera; no other information available 1/19/82

fructose-6-P,2-kinase see 6-phosphofructo-2-kinase

Fru-Val see fructosylvaline

FR 17027 see FK 027

FR-17027 see FK 027

FR 1881 see bicozamycin

FR-31564 see fosmidomycin

FR-34235 see FR 34235

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FR 34235
(RN) 75530-68-6
(SY) 5-isopropyl-3-methyl-2-cyano-6-methyl-4-(3-nitrophenyl)-1,4-dihydro-3,5-pyridinecarboxylate
(SY) FR-34235
(HM) NIFEDIPINE/*analogs
(PA) CALCIUM CHANNEL BLOCKERS

FR 35447
(RN) 76841-00-4
(SY) FR-35447
(SY) 2-(5-chloro-2-phenoxyanilino)-2-imidazoline
(HM) *IMIDAZOLES
(PA) CARDIOVASCULAR AGENTS
(NO) used in prevention & treatment of experimental cerebral infarction; structure given in first source

FR-35447 see FR 35447

FR-54 see pargyropyranone

FR 54 see pargyropyranone

FR-7534 see FR 7534

FR 7534
(RN) 62760-70-7
(SY) 1,4-dihydro-2-hydroxymethyl-4-(m-nitrophenyl)-6-methyl-3,5-pyridine dicarboxylic acid diethyl ester
(SY) FR-7534
(HM) NIFEDIPINE/*analogs
(PA) CALCIUM CHANNEL BLOCKERS
(PA) VASODILATOR AGENTS
(NO) calcium antagonist structurally similar to nifedipine

FR 900109
(RN) 83512-61-2
(SY) FR-900109
(HM) *ANTIBIOTICS
(NO) isolated from Streptomyces prunicolor; MF: C27-H32-O9

FR-900109 see FR 900109

FR-900201 see lavendomycin

FR-900318 see 6-sulfoaminopenicillanic acid

FR 900318 see 6-sulfoaminopenicillanic acid

FR 900336
(SY) FR-900336
(HM) QUINONES
(PA) ANTIBIOTICS
(PA) ANTIBIOTICS, ANTIFUNGAL
(NO) from Streptomyces sioyaensis subsp. tanegashimaensis; MF C30-H30-Cl-N-O13

FR-900336 see FR 900336

FSA see fetal sulfoglycoprotein antigen

5'-FSBA see 5'-(4-fluorosulfonylbenzoyl)adenosine

5'-FSBG see 5'-(4-fluorosulfonylbenzoyl)guanosine

FSBN-ethenoadenosine see 5'-(4-fluorosulfonylbenzoyl)-1,N(6)-ethenoadenosine

5'-3-FSBU see 5'-(3-fluorosulfonylbenzoyl)uridine

5'-4-FSBU see 5'-(4-fluorosulfonylbenzoyl)uridine

FSH-alpha see alpha subunit, pituitary hormones

FSH-beta
(SY) follicle-stimulating hormone beta subunit
(SY) FSH beta subunit
(HM) *FSH
(HM) *PEPTIDE FRAGMENTS

FSH beta subunit see FSH-beta

FSH-binding inhibitor
(HM) *HORMONE ANTAGONISTS
(HM) FSH/*antag
(NO) no other information available 2/12/80

FSH receptor
(SY) receptor, FSH
(SY) FSH receptors
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) FSH

FSH receptors see FSH receptor

FSV P140 see phosphoprotein pp60(src)

FS32 see FS-32

FS 32 see FS-32

FS-32
(RN) 57614-23-0
(SY) 1-(3-(dimethylamino)propyl)-5-methyl-3-phenyl- 1H-indazole
(SY) FS32
(SY) FS 32
(HM) *INDAZOLES
(PA) ANTIDEPRESSIVE AGENTS
(NO) structure

FS 97 see FS-97

FS97 see FS-97

FS-97
(RN) 61365-76-2
(SY) 1-(3-(methylamino)-propyl)-5-methyl-3-phenyl-1H-indazole
(SY) FS97
(SY) FS 97
(HM) *INDAZOLES
(PA) ANTIDEPRESSIVE AGENTS
(NO) non-tricyclic antidepressants; structure given in first source

FTC-AIA see angiotensin II, N-(alpha)-(N-fluoresceinthiocarbamoyl) -1-Asp-5-Ile-

FTC-casein see fluorescein thiocarbamoyl casein

FTC-heparin see fluoresceinylthiocarbamyl-heparin

FTC-ovalbumin see fluorescein-thiocarbamyl-ovalbumin

ftoksilol see carbon tetrafluoride

ftoracizin see fluoracizine

ftoratsizin see fluoracizine

ftorlak
(RN) 85898-14-2
(HM) *FLUORIDES, TOPICAL
(II) LACQUER
(NO) fluoride containing lacquer used in prevention of dental caries

ftormeturon see fluometuron

ftorphenazine decanoate see fluphenazine depot

ftoxycol see carbon tetrafluoride

ftsZ gene product see gene proteins, bacterial

FT-2 thymocyte antigen see differentiation antigens, T lymphocyte

FT-124 see penfluzide

3 FT see 3-FT

3-FT
(RN) 63901-83-7
(SY) 3-(tetrahydro-2-furanyl)-5-fluoro-2,4-pyrimidinedione
(SY) 5-fluoro-3-(tetrahydro-2-furyl)-uracil
(SY) 3-(tetrahydro-2-furanyl)-5-fluorouracil
(SY) 3 FT
(HM) *FTORAFUR
(II) ISOMERISM
(NO) metabolite of FD-1; positional isomer of FTORAFUR

fuchsin NB see new fuchsin

4-fucofuranosyl-1-hydroxy-10,12-dimethoxy-8-ethyl-6H-benzo(d)naphtho(1,2b)pyran-6-one see gilvocarcin E

4-fucofuranosyl-1-hydroxy-10,12-dimethoxy-8-vinyl-6H-benz(d)naphtho(1,2b)pyran-6-one 8-methyl ester see gilvocarcin M

4-fucofuranosyl-1-hydroxy-10,12-dimethoxy-8-vinyl-6H-benz(d)naphtho(1,2b)pyran-6-one see gilvocarcin V

fucogangliosides
(SY) fucoganglioside 6B
(SY) difucoganglioside
(HM) *GANGLICSIDES
(NO) gangliosides found in rabbit brain which contain fucose; often found in neoplasms, but absent in normal cells

fucoganglioside 6B see fucogangliosides

fucoidan
(RN) 9072-19-9
(SY) fucoidin
(HM) *POLYSACCHARIDES
(NO) fucose-sulfate polymer found in brown algae

fucoidin see fucoidan

fucokinase
(RN) EC 2.7.1.52
(RR) 37278-00-5 (CRN)
(HM) *PHOSPHOTRANSFERASES, ATP

fucolectin see fucose-binding protein

fucolipids
(HM) *GLYCOLIPIDS

fucoproteins
(HM) *GLYCOPROTEINS

fucose-binding lectin see fucose-binding protein

fucose-binding protein
(SY) fucolectin
(SY) fucose-binding lectin
(SY) eel fucose-binding lectin
(SY) SFL 100-2
(SY) L-fucose-D-mannose-specific-lectin
(HM) *LECTINS
(II) FUCOSE
(NO) fucolectin from Lotus tetragonolobus; interacts with macrophages to inhibit their migration; non-mitogenic for lymphocytes; dimer of MW 40,000 from European eel Anguilla; SFL 100-2 from Streptomyces anguilla

L-fucose dehydrogenase
(RN) EC 1.1.1.122
(SY) fucose dehydrogenase
(HM) *CARBOHYDRATE DEHYDROGENASES

fucose dehydrogenase see L-fucose dehydrogenase

L-fucose-D-mannose-specific-lectin see fucose-binding protein

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fucose-rich glycoprotein 100-K
(SY) FRgp-100-K
(HM) *GLYCOPROTEINS
(II) FUCOSE
(NO) acidic glycoprotein from calf skin; MW 100,000

fucosterol
(RN) 17605-67-3
(RR) 18472-36-1 ((3beta)-isomer)
(RR) 6793-19-7 ((3beta)-isomer)
(RR) 26575-12-2 (28-(14)C-labeled cpd (E)-isomer)
(SY) 28-isofucosterol
(SY) 24-isoethylidenecholest-5-en-3 beta-ol,delta(5)-avenasterol
(SY) stigmasta-5,24-dien-3 beta-ol
(SY) (24E)-24-N-propylidenecholesterol
(HM) *STIGMASTEROL/analogs
(NO) major sterol of a marine sponge C. difussa; structure; RN given refers to (3beta,24E)-isomer; RN for cpd without isomeric designation not in Chemline 6/84

fucosyl-N-acetylglucosaminylasparagine
(SY) FL4c
(HM) ASPARAGINE/*analogs
(HM) FUCOSE/*analogs
(NO) transformation sensitive cpd

3-fucosyl-N-acetyllactosamine
(RN) 71208-06-5
(SY) 3-FALA
(SY) myoloid-associated surface antigen
(HM) *TRISACCHARIDES
(II) ANTIGENIC DETERMINANTS
(II) ANTIGENS, SURFACE
(II) ANTIGENS, NEOPLASM
(NO) marker of peripheral blood granulocytes & monocytes; found in hematopoietic & malignant human & mouse tissue

fucosyl ferritin
(HM) FERRITIN/*analogs

fucosylgloboside
(RN) 86168-21-0
(HM) *GLOBOSIDES
(II) ANTIGENS, NEOPLASM
(NO) isolated from human teratocarcinoma cells

fucosylglycoprotein alpha-D-galactosyltransferase see blood-group-substance alpha-D-galactosyltransferase

fucosylglycoprotein 3-alpha-galactosyltransferase see blood-group-substance alpha-D-galactosyltransferase

fucosyl-GM1 galactosyltransferase see UDPgalactose-fucosyl-GM1 alpha galactosyltransferase

fucosyl GM1 ganglioside
(RN) 71812-11-8
(HM) G(M1) GANGLIOSIDE/*analogs

2'-fucosyllactose
(RN) 41263-94-9
(HM) *TRISACCHARIDES
(NO) found in human milk

3'-fucosyllactose
(RN) 24667-52-5
(HM) *OLIGOSACCHARIDES
(II) ANTIGENS
(NO) antiserum against fuc alpha 1-3 gal linkage reacted with human colon adenocarcinoma cells

2-fucosyltransferase see GDP L-fucose-beta-D-galactosyl alpha-2-L- fucosyltransferase

3-fucosyltransferase see beta-N-acetylglucosaminide alpha 1-3- fucosyltransferase

4-fucosyltransferase see beta-N-acetylglucosaminylsaccharide fucosyltransferase

fucoxanthin
(RN) 3351-86-8
(RR) 17257-05-5 ((3S,3'S,5R,5'R,6S,6'R,cis)-isomer)
(RR) 55659-36-4 ((6'R,13-cis)-isomer)
(RR) 55659-37-5 ((6'R,13'-cis)-isomer)
(RR) 55659-38-6 ((6'S)-isomer)
(HM) CAROTENE/*analogs
(NO) RN given refers to (3S,3'S,5R,5'R,6S,6'R)-isomer; RN for cpd without isomeric designation not in Chemline 11/83

FUDRAM
(HM) FLUORODEOXYURIDINE
(HM) DOXORUBICIN
(HM) MITOMYCINS
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

Fugoo depot see norpseudoephedrine

fujianmycin A
(HM) ANTHRAQUINONES
(PA) ANTIBIOTICS
(NO) from a Streptomyces; structure given in first source

fujianmycin B
(HM) ANTHRAQUINONES
(PA) ANTIBIOTICS
(NO) from Streptomyces; structure given in first source

Fuji-ionomer
(RN) 70644-84-7
(HM) *GLASS IONOMER CEMENTS

Fujinami sarcoma virus transforming protein P140 see phosphoprotein pp60(src)

Ful-Fil see formula F 70

Fuller's Earth
(RN) 8031-18-3
(SY) floridin
(HM) *ALUMINUM SILICATES
(HM) *KAOLIN
(NO) contains magnesium aluminum silicate; additional RN in Chemline: 1337-77-5

fulvic acid
(RN) 479-66-3
(HM) *BENZOPYRANS

fulvine
(RN) 6029-87-4
(RR) 57495-69-9 ((12xi,13xi)-isomer)
(RR) 6029-88-5 ((14alpha)-isomer)
(HM) *PYRROLIZIDINE ALKALOIDS
(NO) structure given in first source; RN given refers to (13alpha,14alpha)-isomer; RN for cpd without isomeric designation not in Chemline 6/84

fumaraldehyde see malealdehyde

fumaramidmycin
(RN) 57687-92-0
(SY) Ro 09-0049
(SY) N-(phenylacetyl)fumaramide
(SY) C-9154
(HM) PHENYLACETATES
(PA) ANTIBIOTICS
(NO) structure

N-(N(3)-fumaramoyl-2,3-diaminopropanoyl)alanine see antibiotic A 19009

fumarate see fumaric acid

fumarate reductase complex
(RN) EC 1.3.99.-
(HM) *SUCCINATE DEHYDROGENASE
(HM) *MULTIENZYME COMPLEXES
(NO) Vibrio succinogenes enzyme; catalyzes reduction of fumarate by reduced menaquinone; contains FAD, an iron-sulfur protein & cytochrome b

fumarate reductase (NADH)
(RN) EC 1.3.1.6
(RR) 9076-99-7 (CRN)
(HM) *OXIDOREDUCTASES

fumaric acid
(RN) 110-17-8
(SY) fumarate
(SY) ammonium fumarate
(SY) sodium fumarate
(HM) *FUMARATES
(NO) see also record for ferrous fumarate

fumaric acid diethyl ester see diethyl fumarate

fumarine see protopine

fumarylacetoacetase
(RN) EC 3.7.1.2
(RR) 9032-59-1 (CRN)
(SY) fumarylacetoacetate hydrolase
(SY) fumarylacetoacetate fumarylhydrolase
(HM) *HYDROLASES

fumarylacetoacetate fumarylhydrolase see fumarylacetoacetase

fumarylacetoacetate hydrolase see fumarylacetoacetase

fumazone see 1,2-dibromo-3-chloropropane

Fumigant 93
(RN) 8003-19-8
(RR) 61829-08-1 (cpd with unspecified chlorine locants)
(SY) D-D
(SY) D-D mixture
(HM) *HYDROCARBONS, CHLORINATED
(PA) INSECTICIDES, ORGANOCHLORINE
(II) FUMIGATION
(NO) mixture of 1,3-dichloropropane & 1,3-dichloropropene; may also contain epichlorohydrin; RN given refers to 1,3-dichloro cpd

Fumitremorgin A
(RN) 12626-18-5
(RR) 73367-07-4 (5S-(5alpha,10beta,10abeta,14aalpha,15balpha)-isomer)
(HM) *INDENES
(II) MYCOTOXINS
(NO) isolated from fungus Aspergillus fumigatus; structure given in first source; RN given refers to (5R-(5alpha,10alpha,10aalpha,14aalpha,15balpha))-isomer; RN for cpd without isomeric designation not in Chemline 6/84

fumitremorgin B
(RN) 12626-17-4
(HM) *INDOLES
(II) MYCOTOXINS
(NO) intermediary in TR-2 mycotoxin biosyn; RN given refers to (5aR-(5aalpha,6alpha,12beta,14aalpha))-isomer; parent cpd not in Chemline 11/83; structure given in first source

fungichromin
(RN) 6834-98-6
(SY) cogomycin
(SY) lagosin
(SY) pentamycin
(SY) NSC-277813
(HM) POLYENES
(PA) ANTIBIOTICS, ANTIFUNGAL
(NO) structure

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fungitetraose
(SY) O-beta-D-Fru(2-1)-O-beta-D-Fru-(2-1)-O-beta-D-Fru-(2-1)-alpha-D-Glc
(HM) *OLIGOSACCHARIDES

funiculosin (anthraquinone)
(RN) 476-56-2
(SY) 1,4,5-trihydroxy-2-methylanthraquinone
(SY) islandicin
(HM) ANTHRAQUINONES
(PA) ANTIBIOTICS, ANTIFUNGAL
(NO) see also a pyridone cpd called funiculosin; structure

FU-O-G see methyl 1-(5-fluoro-1H-2-oxopyrimidin-4-yl)-beta-D-glucopyranuronate

FUPA see alpha-fluoro-beta-ureidopropionic acid

Furacin Topical Cream
(HM) *NITROFURAZONE
(HM) *FATTY ALCOHOLS
(HM) DRUG COMBINATIONS
(NO) topical antibacterial; effective in treatment of fire ant bites; contains 0.2% nitrofurazone in water miscible base consisting of glycerin, cetyl alcohol, mineral oil, an ethoxylated fatty alcohol, methylparaben, propylparaben & water

furaltadon
(RN) 139-91-3
(RR) 3759-92-0 (mono-HCl)
(RR) 3031-51-4 (mono-HCl(S)-isomer)
(RR) 13146-28-6 (unspecified HCl(S)-isomer)
(RR) 3795-88-8 ((S)-isomer)
(SY) furazolin
(SY) levofuraltodone
(SY) NF 602
(SY) NF 902
(SY) Altabactin
(SY) furaltadone
(HM) *NITROFURANS
(PA) ANTI-INFECTIVE AGENTS, URINARY
(NO) structure; RN given refers to parent cpd without isomeric designation

furaltadone see furaltadon

furamide see diloxanide furoate

furan
(RN) 110-00-9
(HM) *FURANS

furanacrylic acid
(RN) 539-47-9
(HM) *ACRYLATES

2-furanacryloyl-phenylalanyl-glycyl-glycine
(RN) 64967-39-1
(SY) FA-Phe-Gly-Gly
(SY) FAPGG
(SY) 3-(2-furylacryloyl)phenylalanyl-glycyl-glycine
(HM) *OLIGOPEPTIDES
(NO) substrate for kininase II

2-furancarbinol see furfuryl alcohol

furanogermenone
(RN) 81678-18-4
(HM) *SESQUITERPENES

furapromide
(RN) 1951-56-0
(RR) 31365-44-3 ((E)-isomer)
(SY) F-30066
(SY) furapromidum
(SY) cis-beta-(5-nitro-2-furyl)-N-isopropylacrylamide
(HM) *NITROFURANS
(PA) SCHISTOSOMICIDES
(PA) ANTHELMINTICS
(II) IRRITANTS
(NO) structure; RN given refers to parent cpd without isomeric designation

furapromidum see furapromide

furapyrimidone
(RN) 75888-03-8
(HM) *NITROFURANS
(PA) FILARICIDES

furazabol
(RN) 1239-29-8
(SY) 17 alpha-methyl-5 alpha-androstano(2,3-c) furazan-17 beta-ol
(HM) *ANDROSTANOLS
(PA) ANTILIPEMIC AGENTS
(II) ANABOLIC STEROIDS
(NO) structure

furazlocillin
(RN) 66327-51-3
(RR) 61835-48-1 (mono-Na salt)
(SY) Bay k 4999
(SY) 6-(D-2-(3-furfurylidenamino-2-oxoimidazolidine-1-carboxamido)-2-(4-hydroxyphenyl)acetamido) penicillanic acid
(SY) fuzlocillin
(HM) AZLOCILLIN/*analogs
(NO) RN given refers to (2S-(2alpha,5alpha,6beta(S*(E))))-isomer; RN for cpd without isomeric designation not in Chemline 8/83; structure

furazolin see furaltadon

furazolium chloride
(RN) 5118-17-2
(HM) *NITROFURANS
(NO) structure

Fura-2
(HM) *BENZOFURANS
(II) FLUORESCENT DYES
(II) CHELATING AGENTS
(NO) fluorescent calcium chelator; structure given in first source

furbenicillin
(RN) 54661-82-4
(RR) 25673-17-0 (mono-K salt)
(RR) 64912-75-0 ((2S-(2alpha,5alpha,6beta))-isomer)
(SY) 6-(D-alpha(3-(2-furoyl)ureido)phenylacetamido) penicillinic acid potassium salt;
(SY) BL-P1597
(HM) *PENICILLINS
(NO) RN given refers to (2S-(2alpha,5alpha,6beta(S*)))-isomer; RN for cpd without isomeric designation not in Chemline 8/83; structure

furegrelate see U 63557A

9-furfuryladenine
(RN) 2296-08-4
(SY) SQ 4647
(SY) SQ-4647
(HM) ADENINE/*analogs

furfuryl alcohol
(RN) 98-00-0
(SY) 2-furancarbinol
(SY) 2-furylcarbinol
(HM) *FURANS
(II) AIR POLLUTANTS, OCCUPATIONAL
(NO) structure

6-(D-2-(3-furfurylidenamino-2-oxoimidazolidine-1-carboxamido)-2-(4-hydroxyphenyl)acetamido) penicillanic acid see furazlocillin

fur gene product see gene proteins, bacterial

Furin-M
(RN) 59473-26-6
(HM) *ANTI-INFLAMMATORY AGENTS
(NO) anti-inflammatory for gums; used in treatment of gingivitis catarrhalis; no other information available 12/21/81

furisyl
(RN) 72239-53-3
(RR) 67026-22-6 ((trans)-isomer)
(RR) 67026-18-0 ((cis)-isomer)
(SY) 2-(2-furyl)-5-hydroxymethyl-5-(2,4-diethyleneimino-1,3,5-triazin-6-yl)amino-1,3- dioxane
(HM) *TRIAZINES
(HM) *AZIRIDINES
(PA) ANTINEOPLASTIC AGENTS
(NO) RN given refers to cpd without isomeric designation; structure given in first source

furmethide see furtrethonium

7H-furo(3,2-g)(1)benzopyran-3-carboxylic acid, 7-oxo-, ethyl ester see 3-carbethoxypsoralen

furofenac
(RN) 56983-13-2
(SY) 2-ethyl-2,3-dihydro-5-benzofuranylacetic acid
(HM) *ACETIC ACIDS
(PA) ANTI-INFLAMMATORY AGENTS
(NO) structure given in first source

furosemide glucuronate see furosemide glucuronide

furosemide glucuronide
(RN) 72967-59-0
(SY) furosemide glucuronate
(HM) FUROSEMIDE/*analogs
(NO) urinary metabolite of furosemide

furosine
(RN) 19746-33-9
(HM) LYSINE/*analogs

furostanol I
(SY) furost-5-ene-3,22,26-triol 3-chacotrioside-26-glucopyranoside
(HM) *STEROLS
(NO) from Dioscorea deltoidea; intermediate in "in vivo" diosgenin biosynthesis; structure given in first source

furost-5-ene-3,22,26-triol 3-chacotrioside-26-glucopyranoside see furostanol I

furothiazole
(RN) 531-82-8
(SY) NFTA
(SY) N-(4-(5-nitro-2-furyl)-2-thiazolyl)acetamide
(HM) *NITROFURANS
(PA) ANTI-INFECTIVE AGENTS
(PA) CARCINOGENS
(NO) carcinogen for mouse, rat, dog, hamster; structure

furotriam
(RN) 75945-58-3
(HM) *FUROSEMIDE
(HM) *TRIAMTERENE
(HM) DRUG COMBINATIONS
(NO) combination of above 2 diuretic cpds

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2-(2-furoyl)-4(5)-(2-furanyl)-1H-imidazole
(RN) 91037-91-1
(SY) 2-FFI
(HM) *IMIDAZOLES
(II) FLUORESCENT DYES
(NO) fluorescent chromophore from reaction of polypeptides with glucose; structure given in first source

2-furoylhydrazine
(HM) *HYDRAZINES
(HM) *FURANS
(II) INDICATORS AND REAGENTS
(NO) used for determination of carbohydrates

furoyl saccharin
(RN) 79642-61-8
(HM) SACCHARIN/*analogs
(PA) PROTEASE INHIBITORS

furozin see carpronium

furtrethonium
(RN) 7618-86-2
(RR) 6035-90-1 (chloride)
(RR) 73664-18-3 (bromide)
(RR) 3481-26-3 (benzenesulfonate)
(RR) 541-64-0 (iodide)
(RR) 503-94-6 (hydroxide)
(SY) furtrethonium iodide
(SY) furmethide
(HM) *AMMONIUM COMPOUNDS
(NO) RN given refers to parent cpd; minor descriptor (75-79); on-line and Index Medicus search AMMONIUM COMPOUNDS (75-81)

furtrethonium iodide see furtrethonium

N-(3-(2-furyl)acryloyl)phenylalanine
(RN) 4950-66-7
(SY) FA-Phe
(HM) PHENYLALANINE/*analogs
(NO) RN given refers to (E)-isomer; RN for cpd without isomeric designation not in Chemline 5/85

3-(2-furylacryloyl)phenylalanyl-glycyl-glycine see 2-furanacryloyl-phenylalanyl-glycyl-glycine

furylacryloylphosphate see beta-(2-furyl)acryloyl phosphate

1-furyl-beta-carboline-3-carboxylic acid see 1-(2-furyl)-1,2,3,4-tetrahydro-9H-pyrido(3,4-b)indole-3-carboxylic acid

2-furylcarbinol see furfuryl alcohol

2-furyl-4-ethoxymethylene-5-oxazolone
(RN) 80589-23-7
(SY) furyl ox
(HM) *OXAZOLONE/analogs

2-(2-furyl)-5-hydroxymethyl-5-(2,4-diethyleneimino-1,3,5-triazin-6-yl)amino-1,3-dioxane see furisyl

1-(3-furyl)-4-hydroxypentanone see 4-ipomeanol

(+/-)-2-(3-furylmethyl)-2'-hydroxy-5,9 alpha-diethyl-6,7-benzomorphan.HCl see MR 2266

furylmethylnormetazocine see Mr 1452

furyl ox see 2-furyl-4-ethoxymethylene-5-oxazolone

1-(2-furyl)-1,2,3,4-tetrahydro-9H-pyrido(3,4-b)indole-3-carboxylic acid
(SY) 1-furyl-beta-carboline-3-carboxylic acid
(SY) FCCA
(HM) *CARBOLINES
(NO) structure given in first source

fusafungin
(RN) 1393-87-9
(SY) locabiotal
(SY) fusafungine
(HM) AEROSOLS
(PA) ANTIBIOTICS
(NO) antibiotic from Fusarium lateritium; for treatment of respiratory infections

fusafungine see fusafungin

fusarenon-X
(RN) 23255-69-8
(HM) *TRICHOTHECENES
(II) MYCOTOXINS
(NO) mycotoxin isolated from Fusarium nivale; belongs to 12,13-epoxytrichothecene group; structure

Fusarex see tetrachloronitrobenzene

fusaric acid N,N-diethylaminoethylamide
(RN) 78272-90-9
(SY) N,N-diethylaminoethylamide fusaric acid
(SY) FADAE
(HM) *FUSARIC ACID/analogs
(PA) ANTI-ARRHYTHMIA AGENTS

fusarin C
(RN) 79748-81-5
(HM) *POLYENES
(PA) MUTAGENS
(NO) structure given in first source

fusarinine C see fusigen

fuscin
(RN) 83-85-2
(SY) 9,10-dihydro-5-hydroxy-4,8,8-trimethyl-2-H,4-H-benzo(1,2-b-4,3-c)-dipyran-2,6(8H)-dione
(HM) *BENZOPYRANS
(NO) antibacterial pigment produced by the fungus Didiodendron fuscom; minor descriptor (75-82); online & Index Medicus search BENZOPYRANS (75-82)

fusicoccin
(RN) 20108-30-9
(HM) *GLYCOSIDES
(NO) phytotoxic glycoside from Fusicoccum amydali; structure

fusigen
(RN) 19624-79-4
(SY) fusarinine C
(HM) *FERRIC COMPOUNDS
(II) IRON CHELATES
(NO) a siderochrome found in Aspergillus; structure

fusion glycoprotein, viral see virus fusion proteins

fusion proteins, viral see virus fusion proteins

fusion VP1 protein see virus fusion proteins

FUT 175
(RN) 81525-10-2
(RR) 80251-32-7 (di-HCl)
(SY) FUT-175
(SY) 6'-amidino-2-naphthyl-4-guanidinobenzoate
(SY) nafamstat mesilate
(HM) *GUANIDINES
(PA) PROTEASE INHIBITORS
(PA) THROMBIN/antag
(PA) FIBRINOLYSIN/antag
(PA) KALLIKREIN/antag
(PA) TRYPSIN INHIBITORS
(PA) COMPLEMENT INACTIVATORS
(NO) inhibitor of trypsin, plasmin, pancreatic kallikrein, plasma kallikrein & thrombin; strongly inhibits esterolytic activities of C1r & C1 esterase complement-mediated hemolysis; RN given refers to parent cpd; structure in first source

FUT-175 see FUT 175

fuzlocillin see furazlocillin

FVII-C see factor VII clotting antigen

F VIII-C see factor VIII clotting antigen

FVUdR see 5-(2-fluorovinyl)-2'-deoxyuridine

FV 82
(RN) 88154-94-3
(SY) FV-82
(HM) *LEUCOMYCINS
(HM) *VITAMIN B 12
(HM) *PYRIDOXINE
(HM) *IRON-DEXTRAN COMPLEX
(HM) DRUG COMBINATIONS
(NO) combination of tylosin tartrate, cyanocobalamin, pyridoxine & ferridextran

FV-82 see FV 82

FW-34569 see FW 34569

FW 34569
(RN) 70021-31-7
(SY) FW 34-569
(SY) enkephalin, 1-N-methyl-Ala(2)-N-(1-(hydroxymethyl)-3-(methylsulfinyl)propyl)-N(alpha)-methyl-PheNH(4)-
(SY) 1-N-methyl-2-alanyl-N-(1-(hydroxymethyl)-3-(methylsulfinyl)propyl)-N(alpha)-methyl-4-phenylalaninamide enkephalin
(SY) FW-34569
(HM) *ENKEPHALINS

FW 34-569 see FW 34569

Fx1A renal tubular antigen see nephritis antigen

Fy(a) antigen
(SY) Fy1 antigen
(HM) *DUFFY BLOOD-GROUP SYSTEM

Fy1 antigen see Fy(a) antigen

fybex
(RN) 59766-31-3
(SY) potassium octatitanate
(HM) *TITANIUM
(II) MINERALS

Fybogel
(RN) 77462-61-4
(HM) *PLANT EXTRACTS
(HM) *BICARBONATES
(HM) *CITRATES
(HM) DRUG COMBINATIONS
(NO) for treatment of patients requiring high fiber regimen; contains ispaghula husk, sodium bicarbonate & citric acid

fyrol CEF see tris(chloroethyl)phosphate

Fyrol FR 2 see tris(1,3-dichloro-2-propyl)phosphate

fyrol PCF
(RN) 6145-73-9
(RR) 26248-87-3 (cpd with unspecified locants)
(SY) tri(2-chloropropyl)phosphate
(SY) tris(2-chloropropyl)phosphate
(SY) tris(chloropropyl)phosphate
(SY) tri(chloropropyl) phosphate
(HM) *PHOSPHORIC ACID ESTERS
(II) FLAME RETARDANTS
(NO) RN given refers to parent cpd

F-080 see F080

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F080
(SY) F 080
(SY) F-080
(HM) *AMINO ACIDS, BRANCHED CHAIN
(II) FOOD, FORMULATED
(II) DIETARY PROTEINS
(II) FOOD, FORTIFIED
(NO) protein formula enriched with branched-chain amino acids & decreased amounts of aromatic amino acids for parenteral nutrition in hepatic encephalopathy & cirrhosis

F 080 see F080

F-12 see freon-12

F 1379 see itanoxone

F 1459
(RN) 63207-78-3
(SY) F-1459
(SY) N-(2'-ethylpyrrolidino)diphenylacetamide hydrochloride
(HM) *PYRROLIDINES
(PA) ANTITUSSIVE AGENTS
(NO) RN given refers to HCl; RN for parent cpd not in Chemline 10/83

F-1459 see F 1459

F-1686 see lotifazole

F 1686 see lotifazole

F 1797
(RN) 71119-12-5
(SY) F-1797
(SY) N-methyl-N'-methyl-2'-allyl-2-benzoyl-4-chloroglycinanilide
(HM) *ANILIDES
(PA) ANTICONVULSANTS
(NO) structure given in first source

F-1797 see F 1797

F-1865 see F 1865

F 1865
(RN) 74604-51-6
(SY) ethyl 3-methoxyphenyl-4-thiazolyl-2-oxamate
(SY) F-1865
(HM) *OXAMIC ACID/analogs
(PA) HISTAMINE ANTAGONISTS
(NO) structure given in first source

F 1983 see pyrovalerone

F-30066 see furapromide

F-369 see 6-isopropylaminopiperazino-2-carbothioamide

F 369 see 6-isopropylaminopiperazino-2-carbothioamide

F-390-A see coenzyme F 390 A

F-390-G see coenzyme F 390 G

F(420) see factor 420

F(430) see factor F430

F562 see MP35N alloy

F-70 see formula F 70

F-7302 see F 7302

F 7302
(RN) 78995-14-9
(SY) N-(1-(beta-hydroxy beta-phenethy)-3-methyl-4-piperidyl)-N-phenylpropionamide
(SY) F-7302
(SY) 7302
(SY) ohmefentanyl
(HM) FENTANYL/*analogs
(PA) ANALGESICS
(NO) structure given in first source

F 801
(RN) 95751-66-9
(SY) F-801
(HM) *ANTIOXIDANTS
(NO) no other information available

F-801 see F 801

GaAs see gallium arsenide

GABA cetyl ester see gamma-aminobutyric acid cetyl ester

gabaculine
(RN) 87980-11-8
(RR) 59556-29-5 ((-)-isomer)
(RR) 74032-85-2 (HCl)
(RR) 59556-18-2 ((+-)-isomer)
(RR) 59556-17-1 (HCl(+-)-isomer)
(HM) *CYCLOHEXANECARBOXYLIC ACIDS
(NO) potent inhibitor of aminobutyrate aminotransferase from Streptomyces toyocaensis.; structure; RN given refers to cpd without isomeric designation

GABA dehydrogenase
(RN) EC 1.-
(HM) *OXIDOREDUCTASES
(NO) from crude mitochondrial fraction of rat brain; reported first product is gamma-aminocrotonic acid; p-iodonitrotetrazolium violet can serve as acceptor of electrons

GABA-glutamate antiport
(SY) GABA-glutamate binding protein
(HM) *CARRIER PROTEINS
(NO) removes GABA from cytosol after accumulation by cell bodies & synaptical terminals

GABA-glutamate binding protein see GABA-glutamate antiport

GABA-hydroxamic acid see gamma-aminobutyric acid hydroxamate

GABA-IG see isonicotinylamide GABA

GABA isonicotinoylamide see isonicotinylamide GABA

gabalid
(RN) 84393-31-7
(SY) GABA-linoleamide
(SY) GABA linoleamide
(HM) GABA/*analogs
(PA) PSYCHOTROPIC DRUGS

GABA linoleamide see gabalid

GABA-linoleamide see gabalid

GABA methyl ester see 4-aminobutyric acid methyl ester

GABA modulin
(SY) GABA-modulin
(HM) *NERVE TISSUE PROTEINS
(II) GABA/metab
(II) CARRIER PROTEINS
(NO) endogenous thermostable protein in crude synaptic brain membranes which allosterically modulates high-affinity binding of GABA to its postjunctional receptor sites

GABA-modulin see GABA modulin

GABA-NG see nicotinoyl-GABA

GABA pantoate see pantogab

GABA-pantoyl see pantogab

gabapentin
(RN) 60142-96-3
(SY) 1-(aminomethyl)cyclohexaneacetic acid
(HM) *ACETIC ACIDS
(NO) inhibits dopamine release from rabbit caudate nucleus

GABA tetrazole see 3-aminopropyl-5-tetrazole

gabexate mesilate see (ethyl 4-(6-guanidinohexanoyloxy)benzoate) methanesulfonate

GABMTP see guanosine 5'-(alpha,beta-methylene)triphosphate

GABOB see 4-amino-3-hydroxybutyric acid

gaboxadol see 4,5,6,7-tetrahydroisoxazolo(5,4-c)pyridin-3-ol

gadolinia see gadolinium oxide

gadolinium chloride
(RN) 10138-52-0
(HM) *GADOLINIUM
(II) CONTRAST MEDIA

gadolinium EDTA
(RN) 15213-88-4
(SY) Gd-EDTA
(SY) Gd EDTA
(HM) *EDTA
(HM) *GADOLINIUM
(II) CONTRAST MEDIA
(NO) contrast agent in NMR imaging

gadolinium oxalate
(RN) 867-64-1
(HM) *GADOLINIUM
(II) CONTRAST MEDIA

gadolinium oxide
(RN) 12064-62-9
(RR) 11129-31-0 (cpd with unspecified MF)
(SY) gadolinium oxide (Gd2O3)
(SY) digadolinium trioxide
(SY) gadolinia
(HM) *GADOLINIUM
(II) CONTRAST MEDIA
(NO) RN given refers to cpd with MF of Gd2-O3

gadolinium oxide (Gd2O3) see gadolinium oxide

gadolinium oxysulfide see gadolinium sulfoxylate

gadolinium sulfoxylate
(RN) 12339-07-0
(SY) gadolinium oxysulfide
(HM) *GADOLINIUM
(NO) used in radiation-protective screen; structure

gag-gene related protein P75 see gag viral proteins

gag-mos hybrid protein (Moloney murine Sarcoma virus) see gag viral proteins

gag-myc fused protein p110 see gag viral proteins

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gag viral proteins
(SY) group antigen glycoproteins
(SY) gag-gene related protein P75
(SY) gag-myc fused protein p110
(SY) P140gag-Fps protein
(SY) FeLV p10
(SY) BLV p12
(SY) viral protein gag-mos
(SY) P85 gag-mos protein
(SY) viral gag proteins
(SY) glycosylated gag polyprotein
(SY) murine retrovirus Pr65(gag)
(SY) p200 gag-pol-myc
(SY) pol gene protein
(SY) gag-mos hybrid protein (Moloney murine Sarcoma virus)
(SY) FELV p27
(HM) *RETROVIRIDAE PROTEINS
(II) ANTIGENS, VIRAL

galactal
(RN) 29485-85-6
(RR) 21193-75-9 ((D)-isomer)
(SY) d-galactal
(HM) GALACTOSE/*analogs
(NO) RN given refers to cpd with unspecified isomeric designation; structure

d-galactal see galactal

galactan polysulfate
(SY) DH 6322
(SY) DH-6322
(HM) *GALACTANS
(PA) FIBRINOLYTIC AGENTS

1,6-galactan
(SY) beta-(1,6)-galactan
(HM) *GALACTANS

galactaric acid
(RN) 526-99-8
(RR) 36389-87-4 (unspecified Na salt)
(SY) mucic acid
(HM) *SUGAR ACIDS
(NO) STRUCTURE; RN given refers to parent cpd

galactocerebroside
(RN) 9027-89-8
(HM) *GALACTOSYLCERAMIDES

galactocerebroside sulfotransferase see galactosylceramide sulphotransferase

galactoflavin
(RN) 5401-05-8
(HM) RIBOFLAVIN/*analogs
(PA) RIBOFLAVIN/antag

galactogen
(RN) 37208-43-8
(HM) *GALACTANS

galactolipids
(SY) monogalactolipid
(SY) digalactolipid
(HM) *GLYCOLIPIDS

galactomannan
(RN) 11078-30-1
(RR) 54391-46-7 (galactomannan Type I)
(RR) 54391-45-6 (galactomannan Type II)
(HM) *MANNANS
(NO) RN given refers to cpd with unknown MF

galactomannoxylan see galactoxylomannan

galactonate dehydrase see galactonate dehydratase

D-galactonate dehydratase see galactonate dehydratase

galactonate dehydratase
(RN) EC 4.2.1.6
(SY) galactonate dehydrase
(SY) D-galactonate dehydratase
(SY) D-galactonate-D-fuconate dehydratase
(HM) *HYDRO-LYASES
(NO) in mutant of Klebsiella pneumoniae also functions in catabolism of D-fuconate

D-galactonate-D-fuconate dehydratase see galactonate dehydratase

galactonic acid
(RN) 13382-27-9
(RR) 28278-17-3 ((L)-isomer)
(RR) 3324-36-5 (mono-K salt)
(RR) 576-36-3 ((D)-isomer)
(HM) *SUGAR ACIDS
(NO) RN given refers to parent cpd without isomeric designation

galactonolactone
(RN) 2426-46-2
(RR) 2782-07-2 ((D)-isomer)
(RR) 1668-08-2 ((L)-isomer)
(HM) *SUGAR ACIDS
(NO) used in detecting a galactosemic fetus; a presumed inhibitor of one of the alternate pathways for galactose utilization; RN given refers to cpd without isomeric designation

L-galactonolactone oxidase
(RN) EC 1.3.3.-
(HM) *SUGAR ALCOHOL DEHYDROGENASES
(NO) flavin-containing enzyme from yeast which utilizes oxygen as electron acceptor

galactoproteins
(HM) *GLYCOPROTEINS

6-O-galactopyranosyl-2-acetamido-2-deoxygalactose
(SY) beta-D-Gal(1-6)-GalNAC
(HM) *DISACCHARIDES

galactopyranosyl(1-4)-N-acetylgalactosaminyl(1-6)galactose
(SY) betaDGal(1-4)betaDGalNAc(1-6)betaDGal
(SY) Gal(1-4)GalNAc(1-6)Gal
(HM) *TRISACCHARIDES
(NO) structure given in first source

galactopyranosyl(1-4)acetylglucosaminyl(1-3)acetylgalactosamine
(SY) Gal(1-4)GlcNAc(1-3)GalNAc
(HM) *TRISACCHARIDES

1-O-galactopyranosyl-N-(10-(1-pyrene-9- enedecanoyl)sphingosine)
(SY) PyrGalCer
(HM) *GALACTOSYLCERAMIDES

galactosamine-6-phosphate see galactose-2-amino-6-phosphate

galactosaminoglycan
(RN) 9056-34-2
(HM) *POLYSACCHARIDES

galactose-N-acetylgalactosamine receptor
(SY) receptor, galactose-N-acetylgalactosamine
(SY) Gal-GalNAc receptors
(SY) galactose-N-acetylgalactosamine receptors
(HM) *RECEPTORS, IMMUNOLOGIC
(II) GALACTOSE
(II) ACETYLGALACTOSAMINE

galactose-N-acetylgalactosamine receptors see galactose-N-acetylgalactosamine receptor

galactose-2-amino-6-phosphate
(RN) 6665-06-1
(SY) Gal-6-HPO3
(SY) galactosamine-6-phosphate
(HM) GALACTOSAMINE/*analogs
(NO) comprises the phosphorous-containing skeleton structure of the spore coat of the Bacillus megaterium QM B1551 spore

galactose-binding lectin see galaptins

galactose-binding protein
(SY) D-galactose-binding protein
(SY) beta-D-galactoside transport protein
(SY) galactose transport protein
(HM) *CARRIER PROTEINS
(II) CHEMOTAXIS
(II) GALACTOSE
(NO) periplasmic receptor for galactose chemotaxis & transport in E coli

D-galactose-binding protein see galactose-binding protein

galactose epimerase
(RN) EC 5.1.3.-
(HM) *CARBOHYDRATE ISOMERASES

galactose permease
(RN) 39279-39-5
(HM) *PERMEASES

galactose-6-phosphate dehydrogenase
(RN) EC 1.1.1.-
(SY) hexose-6-phosphate dehydrogenase
(HM) *CARBOHYDRATE DEHYDROGENASES
(NO) possibly a ketoaldose, phosphorylated at primary alcoholic group; found in goat liver cytoplasm, requires NAD, has high substrate specificity

galactose-6-phosphate isomerase
(RN) EC 5.3.1.-
(HM) *CARBOHYDRATE ISOMERASES
(NO) converts galactose 6-phosphate to tagatose 6-phosphate

galactose 1-phosphate
(RN) 2255-14-3
(RR) 56971-39-2 (14C-labeled cpd)
(RR) 16450-65-0 (Na salt)
(RR) 20299-62-1 ((beta-L-Gal)-isomer)
(RR) 51261-80-4 (di-Ag(+1) salt(D-Gal)-isomer)
(RR) 2520-52-7 ((beta-D-Gal)-isomer)
(HM) *GALACTOSEPHOSPHATES
(NO) RN given refers to (alpha-D-Gal)-isomer; RN for cpd without isomeric designation not in Chemline 8/83

galactose-6-phosphate
(RN) 6665-00-5
(RR) 4198-47-4 (Ba salt[1:1](D)-isomer)
(RR) 70442-24-9 (mono-Na salt[1:1](D)-isomer)
(HM) *GALACTOSEPHOSPHATES
(NO) RN given refers to D-isomer; RN for cpd without isomeric designation not in Chemline 7/1/83

galactose-phosphoenolpyruvate-dependent phosphotransferase system see phosphoenolpyruvate-galactose phosphotransferase

galactose-1-phosphotransferase see UDPgalactose-N-acetylglucosamine galactose-1-phosphotransferase

galactose 4,6-pyruvate acetal see 4,6-pyruvylated galactose

galactose receptor
(SY) receptor, galactose particle
(SY) galactose receptors
(SY) Gal receptors
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) GALACTOSE

galactose receptors see galactose receptor

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galactose-specific lectin RCA1 see galaptins

galactose-6-sulfatase
(RN) EC 3.1.6.-
(SY) galactose-6-sulfate sulfatase
(SY) 6-O-sulfogalactose sulfatase
(HM) *SULFATASES
(NO) not same as EC 2.5.1.5; forms free galactose in degrading keratan sulfate

galactose-6-sulfate sulfatase see galactose-6-sulfatase

galactose transport protein see galactose-binding protein

galactoside acetyltransferase
(RN) EC 2.3.1.18
(RR) 9029-94-1 (CRN)
(RR) 9029-91-8 (CRN)
(SY) thiogalactoside transacetylase
(HM) *ACETYLTRANSFERASES

galactoside binding protein see galaptins

galactoside-blockable lectin see galaptins

galactosone
(RN) 54142-77-7
(SY) D-lyxo-2-hexosulose
(SY) 2-ketogalactose
(HM) GALACTOSE/*analogs

galactosyl(alpha1-4)galctosyl)beta1-4)glycosylceramide see globotriaosylceramide

1-O-galactosyl-2-N-(6-(2-anthroyl) hexanoyl)-4-sphingenine
(SY) Gal-AH-sphingenin
(HM) PSYCHOSINE/*analogs
(II) FLUORESCENT DYES
(NO) fluorescent substrate for galactosylceramidase

galactosyl-BSA see bovine serum albumin-galactose(39)

galactosylceramide sulphotransferase
(RN) EC 2.8.2.11
(RR) 9081-06-5 (CRN)
(SY) cerebroside sulfotransferase
(SY) galactocerebroside sulfotransferase
(SY) glycosphingolipid sulfotransferase
(HM) *SULFURTRANSFERASES
(NO) models for the study of inborn errors of metabolism

galactosyl-N-dansyl-sphingosine
(SY) 1-O-galactosyl-2-N-1-dimethylaminonaphthalene-5-sulfonyl-sphingosine
(SY) gal-DANS-sphingosine
(HM) PSYCHOSINE/*analogs
(NO) substrate for galactocerebroside beta-galactosidase

galactosyl diacylglycerol see monogalactosyldiglycerides

galactosyl diglycerides see monogalactosyldiglycerides

1-O-galactosyl-2-N-1-dimethylaminonaphthalene-5-sulfonyl-sphingosine see galactosyl-N-dansyl-sphingosine

galactosyl ficaprenyl diphosphate see ficaprenyl galactosyl diphosphate

galactosylhydroxylysine
(RN) 32448-36-5
(SY) beta-1-galactosyl-O-hydroxylysine
(HM) HYDROXYLYSINE/*analogs
(NO) found in collagen & basement membranes; presence in urine can be used to determine collagen metabolism

galactosylhydroxylysyl glucosyltransferase see UDP glucose-collagen glucosyltransferase

galactosylpyridinoline
(RN) 87672-07-9
(SY) pyridinoline galactoside
(HM) *GALACTOSIDES
(HM) *AMINO ACIDS

galactosyltransferase acceptor
(SY) cancer-associated galactosyltransferase acceptor
(HM) *GLYCOPEPTIDES
(HM) *GALACTOSYLTRANSFERASES

galactoxylomannan
(RN) 70903-49-0
(SY) galactomannoxylan
(HM) *POLYSACCHARIDES, BACTERIAL
(NO) from Cryptococcus neoformans; contains xylose, mannose & galactose

galacturonan see polygalacturonic acid

galacturonic acid
(RN) 14982-50-4
(RR) 685-73-4 ((D)-isomer)
(RR) 6294-16-2 ((alpha-D)-isomer)
(RR) 14984-39-5 (mono-Na salt(D)-isomer)
(RR) 15077-61-9 (Ca-Na salt(D)-isomer)
(HM) *HEXURONIC ACIDS
(NO) N1 same as NM; RN given refers to parent cpd with unspecified isomeric designation

Gal-AH-sphingenin see 1-O-galactosyl-2-N-(6-(2-anthroyl)hexanoyl)-4-sphingenine

Gal(alpha1-3)Gal(beta1-4)Glc(beta1-1)Cer see isoglobotriaosylceramide

galangin
(RN) 548-83-4
(HM) *FLAVONES
(PA) MUTAGENS

galanin
(RN) 88813-36-9
(HM) *PEPTIDES
(NO) biologically active peptide from porcine intestine; contracts smooth muscle; amino acid sequence given in first source

galaptins
(SY) beta-D-galactosyl-specific lectin
(SY) thiogalactoside- blockable lectin activity
(SY) galactoside-blockable lectin
(SY) galactose-binding lectin
(SY) thiodigalactoside-binding lectin
(SY) galactoside binding protein
(SY) erythroid developmental agglutinin
(SY) electrolectin
(SY) beta-galactoside binding lectin
(SY) beta-D-Gal(1-3)D-GalNAc specific lectins
(SY) carbohydrate-binding proteins (galactose- specific)
(SY) CBP-35
(SY) CBP-16
(SY) CBP-13.5
(SY) galactose-specific lectin RCA1
(SY) Aplysia gonad lectin
(HM) *HEMAGGLUTININS
(II) MUSCLE PROTEINS
(II) CARRIER PROTEINS
(II) GALACTOSIDES
(NO) galaptins is generic term for galactoside-specific protein lectins that have been isolated from a variety of animal tissues & thought to have a role in cell-recognition & adhesion; electolectin agglutinates trypsin-treated rabbit erythrocytes; erythroid developmental agglutinin was isolated from bone marrow & mediates intererythroblast adhesion; MW 13,000; see also lactose-binding agglutination factor

galascorbin
(RN) 80e5-60-9
(HM) *ASCORBIC ACID
(HM) *BIOFLAVONOIDS
(HM) *TANNINS
(HM) DRUG COMBINATIONS
(NO) contains vitamin C, vitamin P complex, tannins; used in burn therapy; Russian drug

Gal beta 1-4 GlcNA beta 1-3 Gal beta 1-4 Glc-Cer see paragloboside

Gal-BSA see bovine serum albumin-galactose(39)

Gal(39)-BSA see bovine serum albumin-galactose(39)

gal-DANS-sphingosine see galactosyl-N-dansyl-splingosine

galenika
(RN) 86336-32-5
(HM) *PHOSPHATES
(II) DENTAL CEMENTS
(NO) dental phosphate cement; no other info available 2/28/83

Gal(1-4)GalNAc(1-6)Gal see galactopyranosyl(1-4)-N-acetylgalactosaminyl(1-6) galactose

Gal-GalNAc receptors see galactose-N-acetylgalactosamine receptor

Gal(1-4)GlcNAc(1-3)GalNAc see galactopyranosyl(1-4)acetylglucosaminyl(1-3) acetylgalactosamine

Gal-1-3-GlcNAc-sialyltransferase see beta-galactosyl(1-3)N-acetylglucosaminide alpha(2-3)-sialyltransferase

Gal-GlcNAc(2-3) sialyltransferase see beta-galactosyl(1-4)N-acetylglucosaminide alpha(2-3)-sialyltransferase

Gal-GlcNAc(2-6)-sialyltransferase see beta-galactosyl(1-4)N-acetylglucosaminide alpha(2-6)-sialyltransferase

Gal-6-HPO3 see galactose-2-amino-6-phosphate

Galirubine see epsilon-pyrromycinone

gallanilide
(RN) 6262-27-7
(SY) N-(beta-diethylaminoethyl)-N-(2-methylphenyl)-3',4',5'-trimethoxycarboxamide maleate
(SY) gallanilide (603)
(HM) GALLIC ACID/*analogs
(PA) ANTI-ARRHYTHMIA AGENTS
(NO) RN given from Toxline; RN not in Chemline 12/84

gallanilide (603) see gallanilide

gallein
(RN) 2103-64-2
(HM) *XANTHENES
(II) DYES
(NO) do not confuse with gallin; structure

gallimycin see erythromycin stearate

gallium arsenide
(RN) 1303-00-0
(SY) GaAs
(HM) *GALLIUM
(HM) *ARSENIC

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gallium chloride
(RN) 13450-90-3
(RR) 41776-77-1 (67Ga-labeled cpd)
(SY) gallium-67-chloride
(HM) *GALLIUM
(II) GALLIUM RADIOISOTOPES
(NO) RN given refers to parent cpd

gallium-67-chloride see gallium chloride

gallium-67 citrate
(RN) 41183-64-6
(RR) 56578-07-5 (68Ga-labeled cpd)
(RR) 30403-03-3 (unlabeled cpd)
(HM) *GALLIUM RADIOISOTOPES
(NO) used for scintigraphic evaluation of primary bone tumors; RN given refers to 67Ga-labeled cpd citrate[1:1]

gallium nitrate
(RN) 13494-90-1
(RR) 25482-71-7 (heptahydrate)
(RR) 73216-04-3 (67Ga-labeled cpd)
(SY) NSC 15200
(HM) *GALLIUM
(PA) ANTINEOPLASTIC AGENTS
(NO) RN given refers to parent cpd

gallium oxide
(RN) 12024-21-4
(RR) 80913-33-2 (67Ga-labeled cpd)
(HM) *GALLIUM
(NO) RN given refers to unlabeled cpd

gallium-68 1,1,1-tris(5-methoxysalicylaldiminomethyl) ethane see 1,1,1-tris(5-methoxysalicylaldiminomethyl)ethane

gallocyanine
(RN) 1562-85-2
(SY) C.I. mordant blue 10
(SY) anthracene blue SWGG
(HM) *OXAZINES
(II) DYES
(II) STAINS AND STAINING
(NO) structure

gallotannic acid
(RN) 1401-55-4
(HM) *TANNINS
(NO) MF unknown in Chemline 11/84

GalNAc beta1-4Gal beta1-4Glc beta1-1Cer see ganglio-N-triaosylceramide

GalNAc(1-4)NeuGc(2-3)Gal(1-4)Glc(1-1)Cer see GM2 N-glycolylneuraminic acid ganglioside

4-GalNActransferase see UDP-GalNAc-beta-galactose beta 1,4-N- acetylgalactosaminyltransferase

Gal-PEPPTS see phosphoenolpyruvate-galactose phosphotransferase

Galphimia glauca extract
(HM) *PLANT EXTRACTS
(PA) HISTAMINE ANTAGONISTS
(II) PLANTS, MEDICINAL
(NO) anti-allergy agent

Gal receptors see galactose receptor

gamaquil see phenprobamate

Gamimune
(HM) IGG/*analogs
(NO) reduced & alkylated IgG preparation

gamma-acetylenic-GABA see RMI 71645

gamma-acetylenic GABA see RMI 71645

gamma-allenyl-GABA see gamma-allenyl GABA

gamma-allenyl GABA
(SY) 4-aminohepta-5,6-dienoic acid
(SY) gamma-allenyl-GABA
(HM) GABA/*analogs
(PA) AMINOBUTYRATE AMINOTRANSFERASE/antag

gamma-amino-beta-hydroxybutyric acid see 4-amino-3-hydroxybutyric acid

gamma-aminobutyric acid cetyl ester
(RN) 34562-99-7
(RR) 55327-73-6 (HCl)
(SY) CEGABA
(SY) cetyl GABA
(SY) GABA cetyl ester
(HM) GABA/*analogs
(NO) RN given refers to parent cpd

gamma-aminobutyric acid hydroxamate
(RN) 81485-19-0
(SY) GABA-hydroxamic acid
(HM) GABA/*analogs
(PA) ANTICONVULSANTS
(NO) structure given in first source

gamma-aminobutyric acid methyl ester see 4-aminobutyric acid methyl ester

gamma-aminobutyrylcholine
(RN) 541-18-4
(HM) CHOLINE/*analogs

gamma-aminobutyryl-L-histidine see homocarnosine

gamma-(4-aminophenyl) 7-methylguanosine 5'-triphosphate
(RN) 88106-70-1
(SY) 7-methylguanosine 5'-triphosphate 4-aminophenyl gamma-ester
(SY) 4-AP-m(7)GTP
(HM) GUANOSINE TRIPHOSPHATE/*analogs
(II) AFFINITY LABELS
(II) RNA CAP ANALOGS
(NO) RN & structure given in first source; RN not in Chemline 4/84

gamma-aminopropyltriethoxysilane
(RN) 919-30-2
(SY) 3-aminopropyltriethoxysilane
(HM) *SILANES

gamma ATP-DNP see 8-(2,4-dinitrophenyl-2,6-aminohexyl)aminoadenosine 5'-triphosphate

gamma-(p-azidoanilide)-ATP see ATP gamma-p-azidoanilide

gamma-(p-azidoanilide)-GTP see GTP gamma-4-azidoanilide

gamma-(4-(benzoylphenyl)methylamido)-7- methylguanosine-5'-triphosphate
(RN) 80904-71-8
(SY) BP-m(7)GTP
(HM) GUANOSINE TRIPHOSPHATE/*analogs
(II) AFFINITY LABELS

gamma-butyrobetaine
(RN) 407-64-7
(SY) deoxycarnitine
(SY) 4-trimethylaminobutyrate
(HM) BETAINE/*analogs
(NO) RN given refers to hydroxide inner salt; RN for parent cpd not in Chemline 6/83

gamma-butyrobetaine hydroxylase see gamma-butyrobetaine,2-oxoglutarate dioxygenase

gamma-butyrobetaine,2-oxoglutarate dioxygenase
(RN) EC 1.14.11.1
(SY) butyrobetaine hydroxylase
(SY) gamma-butyrobetaine hydroxylase
(SY) 4-trimethylaminobutyrate, 2-oxoglutarate oxygen oxidoreductase (3-hydroxylating)
(SY) trimethylaminobutyrate hydroxylase
(HM) *HYDROXYLASES

gamma-butyrolactone-gamma-carbonyl-histidyl- prolinamide citrate see DN-1417

gamma-butyrolactone receptors see 4-butyrolactone receptor

gamma-carboxyglutamic acid n-heptafluorobutyryl isobutyl ester see n-heptafluorobutyryl isobutyl ester of gamma-carboxyglutamic acid

gamma-carboxymuconolactone decarboxylase see 4-carboxymuconolactone decarboxylase

gamma-(2-chlorophenothiazinyl-10)-propylamine see didemethylchlorpromazine

DL-1-(gamma-chloropropyl)-2-chloromethylpiperidine hydrobromide see 1-(gamma-chloropropyl)-2-chloromethylpiperidine

DL-1-(gamma-chloropropyl)-2-chloromethylpiperidine see 1-(gamma-chloropropyl)-2-chloromethylpiperidine

1-(gamma-chloropropyl)-2-chloromethylpiperidine
(RN) 81241-79-4
(RR) 63958-56-5 (HBr)
(RR) 43115-62-4 ((+-)-isomer)
(RR) 74214-65-6 (HBr(+-)-isomer)
(SY) DL-1-(gamma-chloropropyl)-2-chloromethylpiperidine hydrobromide
(SY) DL-1-(gamma-chloropropyl)-2-chloromethylpiperidine
(HM) *PIPERIDINES
(PA) ANTINEOPLASTIC AGENTS
(NO) nitrogen mustard type antitumor agent; RN given refers to parent cpd; structure in first source

gamma-collidine
(RN) 108-75-8
(RR) 29611-84-5 (cpd with unspecified methyl locants)
(SY) 2,4,6-trimethylpyridine
(HM) *PYRIDINES
(NO) structure

gamma-coniceine
(RN) 1604-01-9
(SY) 2,3,4,5-tetrahydro-6-propylpyridine
(HM) *PYRIDINES
(PA) TERATOGENS
(II) PLANT EXTRACTS
(NO) isolated from seeds of Conium maculatum (poison hemlock); structure given in first source

gamma CSF see post gamma-globulins

gamma-cyclodextrin see cyclooctaamylose

gamma-cyclodextrins see cyclooctaamylose

gamma,delta-dioxovalerate
(RN) 5976-90-9
(SY) 4,5-dioxovaleric acid
(HM) *VALERATES

gamma delta resolvase see transposase

1-gamma-diethylamino propyl amino)-5-methyl-dipyrido (4,3-b)(3,4-f)indole see BD 40

gamma-EGE see gamma-endorphin generating enzyme

gamma-endonuclease see gamma endonuclease, Micrococcus luteus

gamma endonuclease, Micrococcus luteus
(RN) EC 3.1.21.-
(SY) M luteus gamma endonuclease
(SY) gamma-endonuclease
(HM) *ENDODEOXYRIBONUCLEASES
(NO) cleaves preferentially at the 3' side of thymine and cytosine residues in gamma-irradiated DNA, giving fragments that terminate in a 5'-phosphate group

gamma-endorphin
(RN) 60893-02-9
(RR) 61512-77-4 (cpd with unknown MF)
(SY) beta-LPH(61-77)
(HM) *ENDORPHINS
(NO) the 61-77 amino acid fragments of beta-lipotropin; RN given refers to cpd with MF of C83-H131-N19-O27-S

gamma-endorphin generating enzyme
(RN) EC 3.4.99.-
(SY) gamma-EGE
(HM) *PEPTIDE PEPTIDOHYDROLASES
(II) ENDORPHINS
(NO) cleaves Leu(17)-Phe(18) bond of beta-endorphin to form gamma-endorphin

gamma-fetal antigen
(HM) *ANTIGENS, NEOPLASM
(HM) *FETAL PROTEINS
(NO) late-gestational neo-natal phase antigen in tumor tissue & serum of mice inoculated with cultured hepatoma cells

gamma-fluoroglutamic acid see 4-fluoroglutamic acid

gamma-fluoromethotrexate
(HM) METHOTREXATE/*analogs
(PA) TETRAHYDROFOLATE DEHYDROGENASE/antag
(NO) contains fluorine at the gamma-carbon of the glutamate moiety; structure given in first source

gamma,gamma-bis(4-ethylphenyl)-alpha,beta-dibromoisocrotonic acid see edikron

6-(gamma,gamma-dimethylamino)purine riboside see N(6),N(6)-dimethyladenosine

gamma-GHA synthetase see gamma-glutamylhistamine synthetase

gamma-Glu-Gly see gamma-glutamylglycine

gamma globulin see post gamma-globulins

anti-D-gamma globulin see RHo(D) Immune Globulin

gamma-Glu-Ala-CH2Cl see gamma-glutamylalanine chloromethyl ketone

gamma-Glu-Ala-Gly see norophthalamic acid

gamma-Glu-alpha-aminobutyrate see gamma-glutamyl-alpha-aminobutyrate

gamma-Glu-Cys see gamma-glutamylcysteine

(gamma-Glu-L-Cys-Gly)-NEM see N-ethylmaleimide-gamma-glutamyl-cysteinyl-glycine

gamma-Glu-DAP see N-gamma-glutamyldiaminopropionic acid

gamma-Glu-Orn see gamma-glutamylornithine

gamma-Glu-Ser-Gly see gamma-glutamyl-seryl-glycine

gamma-glutamine-4-nitroanilide
(RN) 7300-59-6
(RR) 67953-08-6 (mono-HCl(L)-isomer)
(SY) L-gamma-glutamyl-p-nitroanilide
(SY) D-gamma-glutamyl-4-nitroanilide
(SY) gamma-glutamyl-4-nitroanilide
(HM) *GLUTAMATES
(NO) substrate for glutaminase B.; RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 6/83

gamma-L-glutaminyl-3,4-dihydroxybenzene see agaridoxin

gamma-L-glutaminyl-4-hydroxybenzene
(RN) 30382-24-2
(SY) N-(gamma-L-glutamyl)-4-hydroxyaniline
(HM) GLUTAMINE/*analogs
(II) SULFHYDRYL REAGENTS
(NO) sulfhydryl reagent from sporulating gill of mushroom Agaricus bisporus; structure

gamma-glutamylalanine chloromethyl ketone
(SY) gamma-Glu-Ala-CH2Cl
(HM) *AMINO ACID CHLOROMETHYL KETONES
(NO) structure given in first source

gamma-glutamyl-alanyl-glycine see norophthalamic acid

gamma-glutamyl-alpha-aminobutyrate
(SY) Glu-(Abu)
(SY) gamma-Glu-alpha-aminobutyrate
(HM) *DIPEPTIDES
(NO) natural substrate of glutathione synthetase

gamma-D-glutamylaminomethylphosphonate see gamma-D-glutamylaminomethylphosphonic acid

gamma-D-glutamylaminomethylphosphonic acid
(SY) Glu-Amp
(SY) gamma-D-glutamylaminomethylphosphonate
(HM) *GLUTAMATES

gamma-glutamylaminomethylsulfonic acid
(SY) GAMS
(HM) *GLUTAMATES

gamma-glutamyl-3-carboxy-4-nitroanilide
(RN) 53602-84-9
(SY) GlucNA
(HM) *1-CARBOXYGLUTAMIC ACID/analogs
(NO) RN given refers to (S)-isomer; RN for cpd without isomeric designation not in Chemline 8/83

gamma-glutamyl(o-carboxy)phenylhydrazide see anthglutin

1-gamma-L-glutamyl-2-(2-carboxyphenyl)hydrazine see anthglutin

gamma-glutamylcysteine
(RN) 636-58-8
(SY) gamma-Glu-Cys
(HM) *DIPEPTIDES

gamma-glutamyl-L-cysteinylglycyl ethyl ester see S-ethylglutathione

gamma-D-glutamyl-L-diaminoacid endopeptidase
(RN) EC 3.4.99.-
(SY) GGDA endopeptidase
(SY) Bacillus sphaericus endopeptidase II
(HM) *PEPTIDE PEPTIDOHYDROLASES

gamma-D-glutamyl-meso-diaminopimelate endopeptidase
(RN) EC 3.4.99.-
(SY) GGMDP endopeptidase
(SY) Bacillus sphaericus endopeptidase I
(HM) *PEPTIDE PEPTIDOHYDROLASES

N(2)-(gamma-D-glutamyl)-meso-2,2'-diaminopimelic acid
(RN) 71974-09-9
(RR) 83461-57-8 ((L)-isomer)
(SY) GGMDA
(SY) Heptanedioic acid, 2-amino-6-((4-amino-4-carboxy-1-oxobutyl)amino)-, (2R-(2R*,6S*(R*)))-
(HM) *DIAMINOPIMELIC ACID/analogs
(NO) intermediate in synthesis of FK-156 which is an immunostimulant; structure given in first source; RN given refers to (D)-isomer; RN for cpd without isomeric designation not in Chemline 6/84

N-gamma-glutamyldiaminopropionic acid
(RN) 86860-76-6
(SY) gamma-Glu-DAP
(HM) *DIPEPTIDES
(PA) CONVULSANTS
(PA) GLUTAMATE DECARBOXYLASE/antag

N-(gamma-L-glutamyl)-3,4-dihydroxyaniline see agaridoxin

gamma-glutamyl DOPA
(RN) 52370-58-8
(SY) gamma-glutamyl L-dopa
(HM) DOPA/*analogs

gamma-glutamyl L-dopa see gamma-glutamyl DOPA

gamma-glutamyl dopamide see gamma-glutamyl dopamine

gamma-glutamyldopamine see gamma-glutamyl dopamine

gamma-glutamyl dopamine
(RN) 56104-03-1
(SY) L-gamma-glutamyldopamine
(SY) gamma-glutamyl dopamide
(SY) gamma-glutamyldopamine
(HM) DOPAMINE/*analogs

L-gamma-glutamyldopamine see gamma-glutamyl dopamine

gamma-glutamylglycine
(RN) 1948-29-4
(RR) 6729-55-1 ((D)-isomer)
(SY) gamma-Gln-Gly
(HM) *DIPEPTIDES
(NO) RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 6/84

gamma-glutamylhistamine
(RN) 46843-88-3
(HM) HISTAMINE/*analogs

gamma-glutamylhistamine synthetase
(RN) EC 6.3.2.-
(SY) gamma-GHA synthetase
(HM) *PEPTIDE SYNTHETASES
(NO) incorporates histamine into peptide linkage with glutamate; from Aplysia ganglia

gamma-glutamylhydrazide see L-glutamic acid-gamma-hydrazide

gamma-glutamyl hydrolase
(RN) EC 3.4.22.12
(SY) folacin conjugase
(SY) folyl poly-gamma-glutamate carboxypeptidase
(HM) *HYDROLASES

N-(gamma-L-glutamyl)-4-hydroxyaniline see gamma-L-glutaminyl-4-hydroxybenzene

gamma-glutamyl kinase see glutamate kinase

gamma-glutamylmethylamide
(RN) 3081-62-7
(HM) *GLUTAMATES

L-gamma-glutamyl-2-naphthylamide see gamma-glutamyl-2-naphthylamide

gamma-glutamyl-2-naphthylamide
(RN) 635-86-9
(SY) N-2-naphthylglutamine
(SY) L-gamma-glutamyl-2-naphthylamide
(HM) GLUTAMINE/*analogs
(II) FLUORESCENT DYES
(NO) RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 8/83

L-gamma-glutamyl-p-nitroanilide see gamma-glutamine-4-nitroanilide

D-gamma-glutamyl-4-nitroanilide see gamma-glutamine-4-nitroanilide

gamma-glutamyl-4-nitroanilide see gamma-glutamine-4-nitroanilide

gamma-glutamylornithine
(SY) gamma-Glu-Orn
(HM) *DIPEPTIDES
(NO) from urine of patients with hyperornithinemia

gamma-glutamyl phosphate reductase see glutamate-semialdehyde dehydrogenase

gamma-glutamylphosphate reductase see glutamate-semialdehyde dehydrogenase

gamma-glutamyl semialdehyde see glutamic acid gamma-semialdehyde

gamma-glutamyl-seryl-glycine
(SY) gamma-Glu-Ser-Gly
(SY) GGSG
(HM) *OLIGOPEPTIDES
(NO) serine replaced by cysteine in glutathione structure

gamma-L-glutamyl-taurine see glutaurin

gamma-L-glutamyltaurine see glutaurin

gamma-glycidoxypropyltrimethoxysilane
(RN) 2530-83-8
(HM) *SILANES

gamma-guanidinobutyramide see tiformin

gamma-guanidinobutyrate
(RN) 463-00-3
(RR) 6610-06-6 (mono-Na salt)
(SY) gamma-guanidinobutyric acid
(HM) *GUANIDINES
(NO) RN given refers to parent cpd

gamma-guanidinobutyric acid see gamma-guanidinobutyrate

gamma heavy chain disease protein CHA see heavy chain disease proteins

gamma 1 heavy chain disease protein FOR see heavy chain disease proteins

gamma 3 heavy-chain disease protein Wis see heavy chain disease proteins

gamma hemolysin, Staphylococcus see staphylococcal gamma-toxin

gamma-hydroxybutyrate dehydrogenase see 4-hydroxybutyrate dehydrogenase

gamma-hydroxybutyric acid receptors see 4-hydroxybutyric acid receptor

gamma-hydroxyphenylbutazone
(RN) 568-76-3
(RR) 36039-31-3 ((+-)-isomer)
(SY) 1,2-diphenyl-3,5-dioxo-4-(3-hydroxybutyl) pyrazolidine
(HM) PHENYLBUTAZONE/*analogs
(NO) metabolite of phenylbutazone; RN given refers to cpd with unspecified isomeric designation

gamma-hydroxyvitamin K
(RN) 1181-23-3
(SY) hydroxyvitamin K
(HM) VITAMIN K/*analogs

gamma-linolenate see naudicelle

gamma-linolenic acid
(RN) 1686-12-0
(RR) 506-26-3 ((Z,Z,Z)-isomer)
(RR) 79178-13-5 (Zn salt(Z,Z,Z)-isomer)
(SY) 6,9,12-octadecatrienoic acid
(HM) *LINOLENIC ACIDS
(PA) ANTINEOPLASTIC AGENTS
(II) DIETARY FATS
(NO) RN given refers to cpd without isomeric designation

gamma-lipotropin
(RN) 39422-22-5
(RR) 11088-23-6 (pig)
(SY) lipotropin, gamma
(HM) *LIPOTROPIN
(NO) from human pituitary gland; consists of 56 amino acids; amino acid sequence given in first source; RN given refers to cpd with unknown MF

gamma-MBMTX see 5-monobutyl methotrexate

gamma-melanotropin precursor see MSH, pro-gamma-

gamma-methacryloxypropyltrimethoxysilane see methacryloxypropyltrimethoxysilane

gamma-methylene glutamic acid see 4-methyleneglutamic acid

gamma-methylleucine
(RN) 57224-50-7
(SY) neopentylglycine
(SY) gamma-methyl-L-leucine
(SY) 2-amino-3-tert-butylpropionic acid
(HM) LEUCINE/*analogs
(NO) high lipophilicity; structure given in first source

gamma-methyl-L-leucine see gamma-methylleucine

gamma 3 myeloma protein Jir see heavy chain disease proteins

gamma-oryzanol
(RN) 11042-64-1
(RR) 12738-23-7 (oryzanol with unknown MF)
(SY) triacontane 3-(4-hydroxy-3-methoxyphenyl)-2-propenate
(HM) *PHENYLPROPIONATES
(PA) ANTI-ULCER AGENTS
(NO) RN given refers to gamma-oryzanol

gamma-oxalomesaconate hydratase
(RN) EC 4.2.1.-
(SY) GOM hydratase
(HM) *HYDRO-LYASES
(NO) from Pseudomonas ochraceae; forms gamma-oxalocitramalate

gamma-oxo(1,1'-biphenyl)-4-butanoic acid see fenbufen

gamma-oxybutyric acid see succinic semialdehyde

gamma-(PGGAG)amide see gamma-(pyroglutamyl-glutamyl-asparaginyl-glycine)amide

gamma-(pGlu-Glu-Asp-Gly)amide see gamma-(pyroglutamyl-glutamyl-asparaginyl-glycine)amide

gamma 5 protein
(SY) cerebrospinal fluid gamma 5 band protein
(HM) *CEREBROSPINAL FLUID PROTEINS
(NO) non-immunoglobulin in cerebrospinal fluid of patients with Alzheimer's disease & cerebral amyloid angiopathy

gamma-(pyroGlu-Glu-Asp-Gly)amide see gamma-(pyroglutamyl-glutamyl-asparaginyl-glycine)amide

gamma-(pyroglutamyl-glutamyl-asparaginyl- glycine)amide
(SY) gamma-(pyroGlu-Glu-Asp-Gly)amide
(SY) gamma-(pGlu-Glu-Asp-Gly)amide
(SY) gamma-(PGGAG)amide
(HM) *OLIGOPEPTIDES
(NO) found in urine of lipodystrophic patients with insulin-resistant diabetes; induces insulin release only at high blood glucose levels

gamma-renin
(RN) EC 3.4.99.-
(HM) *RENIN
(NO) cleaves synthetic renin substrate tetradecapeptide between the Leu-Leu bond but is not able to cleave the natural renin substrate; homologous in NH2-terminal amino acid sequences, with 57 of 76 residues the same, to the gamma-subunit of nerve growth factor; amino acid sequence given in first source

gamma-seminoprotein see seminal plasma proteins

5-((1-gamma-sodium sulfopropyl-4(1H)-quinolylidene)-2-butenylidene)-3-ethylrhodanine see merocyanine-rhodanine

5-(1-gamma-sodiumsulfopropyl-4(1H)-quinolylidene)-2-butenylidene-3-ethylrhodanine see WW 375

gamma-staphylolysin see staphylolysin

gamma-tBAMT see gamma-tert-butyl aminopterin

gamma-tBMTX see gamma-tert-butyl methotrexate

gamma-tert-butyl aminopterin
(RN) 95484-98-3
(SY) gamma-tBAMT
(HM) AMINOPTERIN/*analogs
(PA) ANTINEOPLASTIC AGENTS
(NO) RN & structure given in first source; RN not in Chemline 5/85

gamma-tert-butyl methotrexate
(RN) 79640-76-9
(SY) gamma-tBMTX
(HM) METHOTREXATE/*analogs
(PA) ANTINEOPLASTIC AGENTS
(NO) structure given in first source

gamma-thiaproline see thiazolidine-4-carboxylic acid

gamma-thio-ATP see adenosine 5'-O-(3-thiotriphosphate)

gamma-thio-GTP see GTPgammaS

gamma toxin (Staph) see staphylococcal gamma-toxin

gamma-trace see post gamma-globulins

gamma-trace alkaline microprotein see post gamma-globulins

gamma-valerolactone
(RN) 108-29-2
(RR) 82000-10-0 (cpd with unspecified methyl locants)
(HM) *LACTONES
(NO) metabolite of n-hexane; RN given refers to cpd with methyl moiety in position 5

Gamma Veinine see Gamma-Venin

gammavenin see Gamma-Venin

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Gamma-Venin
(SY) Gamma Veinine
(SY) gammavenin
(HM) *GAMMA GLOBULINS
(PA) ANTIVIRAL AGENTS
(NO) enzymatically disaggregated human gamma globulin containing 84% IGG, 10% IGA & 6% IGM

gamma-vinyl-GABA see 4-aminohex-5-enoic acid

gamma-vinyl GABA see 4-aminohex-5-enoic acid

gamma-vinyl-gamma-aminobutyric acid see 4-aminohex-5-enoic acid

Gammonativ
(HM) *IGG
(NO) IGG preparation containing more than 90% IGG with only traces of IGG fragments & dimers; from pooled plasma purified by DEAE-Sephadex & stabilized with 5% albumin & 2.5% glucose

GAMS see gamma-glutamylaminomethylsulfonic acid

gamulin Rh see RHo(D) Immune Globulin

ganglefen see ganglerone

ganglefene see ganglerone

ganglerone
(RN) 299-61-6
(RR) 1510-29-8 (HCl)
(RR) 80677-45-8 (citrate[1:1])
(SY) ganglefen
(SY) ganglefene
(SY) 3-diethylamino-1,2-dimethylpropyl-p-isobutoxybenzoate
(HM) *BENZOATES
(PA) PARASYMPATHOLYTICS
(NO) RN given refers to parent cpd

ganglioside, asialo GM1 see asialo GM1 ganglioside

ganglioside degradation activator protein see ganglioside hydrolysis activator proteins

ganglioside GD1b-di-(N-glycolylneuraminic acid) see di-(N-glycolylneuraminic acid)ganglioside GD1b

ganglioside, GD1a
(RN) 12707-58-3
(SY) GD(1a) ganglioside
(SY) GD1a ganglioside
(HM) *GANGLIOSIDES

ganglioside, GD1b
(RN) 19553-76-5
(SY) GD1b ganglioside
(HM) *GANGLIOSIDES

ganglioside, GD2
(RN) 65988-71-8
(SY) GD2 ganglioside
(HM) *GANGLIOSIDES

ganglioside, GD3
(RN) 62010-37-1
(SY) ganglioside GD3
(SY) N-acetylneuraminyl N-acetylneuraminylgalactosylglucosylceramide
(SY) G(D3) ganglioside
(SY) disialosyllactosylceramide
(SY) GD(3)
(HM) *GANGLIOSIDES
(NO) enhances binding of serotonin to serotonin-binding protein

ganglioside GD3 see ganglioside, GD3

ganglioside GM1 synthetase see G(M1)ganglioside synthetase

ganglioside, GM4
(RN) 66456-69-7
(SY) sialosylgalactosylceramide G(M4)
(SY) G(M4) ganglioside
(SY) GM4 ganglioside
(HM) *GANGLIOSIDES
(NO) separated from a sulfoglycosphingolipid from rat kidney

ganglioside GQ1B see GQ1b ganglioside

ganglioside, GT1
(RN) 59247-13-1
(SY) N-acetylneuraminylgalactosyl-N-acetylgalactosaminyl -(N-acetylneuraminyl-N-acetylneuraminyl)galactosyl- glucosylceramide
(SY) polysialoganglioside
(SY) GT1b ganglioside
(SY) trisialoganglioside GT1b
(SY) GT(1)ganglioside
(SY) ganglioside GT1b
(HM) *GANGLIOSIDES

ganglioside, GT1a see trisialoganglioside GT1a

ganglioside GT1b see ganglioside, GT1

ganglioside, Gx
(RN) 69345-48-8
(HM) *GANGLIOSIDES
(NO) from mouse cerebellum

ganglioside hydrolysis activator proteins
(SY) hexosaminidase A activating protein
(SY) hexosaminidase A activator
(SY) hexosaminidase activating factor
(SY) G(M1) ganglioside activating factor
(SY) ganglioside degradation activator protein
(SY) GM1 activator protein
(SY) sphingolipid activator protein-1
(SY) SAP-1
(SY) SAP-2
(HM) *PROTEINS
(NO) isolated from human liver & kidney; MW appr 25,000-27,000; found in patients suffering from gangliosidosis; see also record for GM(2) activator

ganglioside M1b
(RN) 57576-20-2
(SY) GM1b
(SY) cer-glc-gal-galNAc-gal-NeuNAc
(HM) G(M1) GANGLIOSIDE/*analogs
(NO) monosialoganglioside containing a neuraminidase-labile neuraminic acid

ganglioside receptor
(SY) ganglioside receptors
(SY) receptor, ganglioside
(HM) *RECEPTORS, IMMUNOLOGIC
(II) GANGLIOSIDES

ganglioside receptors see ganglioside receptor

ganglioside sialidase see GM3 ganglioside sialidase

gangliotetraosylceramide see G(A1) ganglioside

ganglio-N-tetraosylceramide see asialo GM1 ganglioside

ganglio-N-triaosylceramide
(RN) 35960-33-9
(SY) acetylgalactosaminyl-1-4-galactosyl-1-4-glucosyl-1-1-ceramide
(SY) GalNAc beta1-4Gal beta1-4Glc beta1-1Cer
(SY) glycolipid G(A2)
(SY) asialo GM2
(SY) gangliotriosylceramide
(HM) *GLYCOSPHINGOLIPIDS
(NO) tumor associated marker for L5178 cells

gangliotriaosylceramide 3'-sulfate
(SY) CgOse(3)Cer-II
(HM) *G(M2) GANGLIOSIDE/analogs

gangliotriosylceramide see ganglio-N-triaosylceramide

Ganoderma see Lingzhi

GANU
(RN) 58484-07-4
(SY) NSC D 254157
(HM) *NITROSOUREA COMPOUNDS
(HM) STREPTOZOTOCIN/*analogs
(PA) ANTINEOPLASTIC AGENTS
(NO) differs from chlorozotocin by placement of cytotoxic group on C-1 of the glucose ring; less myelosuppressive than chlorozotocin; structure

gapicomine
(RN) 1539-39-5
(RR) 22164-96-1 (citrate[1:1])
(RR) 24631-38-7 (unspecified citrate)
(SY) bis(4-pyridylmethyl)amine citrate
(SY) bicordin
(SY) gapicomine citrate
(HM) *PYRIDINES
(PA) VASODILATOR AGENTS
(NO) RN given refers to parent cpd

gapicomine citrate see gapicomine

gap junction protein
(SY) connexin
(SY) connexon
(HM) *MEMBRANE PROTEINS
(NO) from plasma membrane of mouse liver

gardimycin
(RN) 59165-34-3
(HM) PEPTIDES
(PA) ANTIBIOTICS
(NO) from actinoplanes

gardneramine
(RN) 34274-91-4
(HM) *ALKALOIDS
(NO) isolated from Gardneria nutans

Gardol see sarkosyl

GAR synthetase see phosphoribosyl-glycineamide synthetase

GAR transformylase see phosphoribosylglycinamide formyltransferase

gastramyl see amylopectin sulfate

gastric M1 antigens see colonic-gastric mucus-associated antigens

gastric fetal sulphoglycoprotein antigen see fetal sulfoglycoprotein antigen

gastric inhibitory polypeptide receptor
(SY) receptor, gastric inhibitory polypeptide
(SY) GIP receptor
(SY) gastric inhibitory polypeptide receptors
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) GASTRIC INHIBITORY POLYPEPTIDE

gastric inhibitory polypeptide receptors see gastric inhibitory polypeptide receptor

gastricsin
(RN) EC 3.4.23.3
(SY) pepsin C
(SY) pepsin II
(HM) *PEPSIN

gastrinase
(RN) EC 3.4.99.-
(SY) gastrin-34 protease
(SY) gastrin-34 degrading enzyme
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) highly specific for the 34 amino acid gastrin

gastrin-34 degrading enzyme see gastrinase

gastrin heptadecapeptide see heptadecapeptide gastrin

gastrin heptadecapeptide, leucine (15)
(RN) 39024-57-2
(SY) little gastrin I, Leu(15)
(HM) *GASTRINS
(II) HORMONES, SYNTHETIC

gastrin heptadecapeptide, methoxine (15)
(RN) 85774-38-5
(SY) little gastrin I, methoxine(15)
(HM) *GASTRINS
(II) HORMONES, SYNTHETIC

gastrin heptadecapeptide, norleucine (15)
(RN) 82695-69-0
(SY) little gastrin I, Nle(15)
(HM) *GASTRINS
(II) HORMONES, SYNTHETIC

gastrin hexapeptide
(RN) 20994-88-1
(SY) gastrin C-terminal hexapeptide
(HM) *GASTRINS
(NO) hexapeptide from porcine antral mucosa

gastrin I
(RN) 9045-90-3
(HM) *GASTRINS
(NO) heptadecapeptide amide, H-Pyr-Gly-Pro-Trp-Leu-Glu-Glu-Glu-Glu-Glu-Ala-Tyr-Gly-Trp-Met-Asp-Phe-NH2

gastrin-34 protease see gastrinase

gastrin receptor
(SY) gastrin receptors
(SY) receptor, gastrin
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) GASTRINS

gastrin receptors see gastrin receptor

gastrin-releasing peptide see gastrin releasing peptide

gastrin releasing peptide
(RN) 74815-57-9
(SY) PB 27
(SY) PB-27
(SY) bombesin-like heptacosapeptide
(SY) gastrin-releasing peptide
(SY) bombesin-gastrin releasing peptide
(HM) *PEPTIDES
(II) BOMBESIN
(II) GASTROINTESTINAL HORMONES
(II) GASTRIN
(NO) similar to frog skin bombesin; postulated to be mammalian bombesin; heptacosapeptide from porcine non-antral gastric & intestinal tissue

gastrin releasing peptide (14-27)
(SY) GRP (14-27)
(HM) *PEPTIDES
(HM) *PEPTIDE FRAGMENTS
(NO) C-terminal portion of gastrin-releasing peptide

gastrin C-terminal hexapeptide see gastrin hexapeptide

gastrin tetradecapeptide see minigastrin

gastrin (13-15) see methionyl-aspartyl-phenylalaninamide

gastrin 14 see minigastrin

gastrin-14 see minigastrin

gastrin-17 see heptadecapeptide gastrin

gastrin 34 see big gastrin

gastro-caine
(SY) gastrocaine gel
(HM) *ATROPINE
(HM) *ALUMINUM HYDROXIDE
(HM) *AMINOBENZOIC ACIDS
(HM) *MAGNESIUM
(HM) DRUG COMBINATIONS
(PA) ANTACIDS
(NO) combination of atropine sulfate, bethoxycaine, aluminum hydroxide, and magnesium trisilicate; used in treatment of duodenal ulcers

gastrocaine gel see gastro-caine

gastrodin
(RN) 62499-27-8
(SY) gastrodine
(HM) *GLUCOSIDES
(II) PLANTS, MEDICINAL
(NO) isolated from Gastrodia elata Blume

gastrodine see gastrodin

gastrointestinal cancer-associated fetal antigen see oncofetal antigens

gastrolyte
(HM) *ISOTONIC SOLUTIONS
(II) FLUID THERAPY
(NO) oral rehydration fluid containing sodium, potassium & reducing sugars with 310 mmol/kg osmolality, close to that of serum (300mmol/kg)

Gastrone, uro- see human urinary gastric inhibitor

Gastropharm
(RN) 68333-15-3
(HM) *BIOLOGICAL PRODUCTS
(PA) ANTI-ULCER AGENTS
(NO) capsules containing dried Lactobacillus bulgaricus cells; Russian drug

Gastrosol see Gastrozol

gastrozepin see pirenzepin

Gastrozol
(RN) 79933-26-9
(SY) Gastrosol
(SY) statizol
(HM) *ANTI-ULCER AGENTS
(II) OCCLUSIVE DRESSINGS
(NO) membrane forming composition; no other information available 6/15/81

gas-vehicle protein (Anabaena)
(HM) *PLANT PROTEINS
(NO) shell of protein enclosing gas filled space in planktonic cyanobacteria; MW 20,600

GAT
(RN) 31325-29-8
(RR) 26161-32-0 ((all-D)-isomer)
(RR) 30600-70-5 (homopolymer (all-L)-isomer)
(SY) L-glutamic acid(60)-L-alanine(30)-L-tyrosine(10)
(SY) poly(Glu(60)Ala(30)Tyr(10))
(SY) glutamic acid-alanine-tyrosine terpolymer
(HM) *PEPTIDES
(II) T-LYMPHOCYTES/immunol
(NO) terpolymer; RN given refers to (all-L)-isomer

anti-GAT antibodies, idiotypic
(HM) *IMMUNOGLOBULIN IDIOTYPES
(II) PEPTIDES/immunol
(NO) idiotypic antibodies of inbred mice to synthetic terpolymer poly(Glu,L-Ala,L-Tyr)

GATase see glutamate acetyltransferase

Gaviscon
(RN) 66220-44-8
(SY) AAC
(SY) alginic acid compound
(SY) AAC (Combination)
(SY) Quigel
(HM) *ALGINATES
(HM) *ALUMINUM HYDROXIDE
(HM) *BICARBONATES
(HM) *SILICIC ACID
(HM) DRUG COMBINATIONS
(PA) ANTACIDS
(NO) foaming antacid containing aluminum hydroxide gel, magnesium trisilicate, sodium bicarbonate & alginic acid; infant Gaviscon reported in ref 7 to contain sucrose (chocolate) or sucrose (peppermint)

GAWK
(HM) *NERVE TISSUE PROTEINS
(NO) isolated from human pituitary glands; contains 74 amino acids

GA(1) see G(A1) ganglioside

GA-30905 see valperinol

GA 30-905 see valperinol

6-GBC see 6-(glutathion-S-yl)-4-bromocatechol

G(m1)-beta-galactosidase see lactosylceramidase II

GBRS see glutathione-bicarbonate-Ringer solution

GBR 12909
(RN) 67469-78-7
(SY) GBR-12909
(SY) 1-(2-(bis(4-fluorophenyl)methoxy)ethyl)-4-(3-phenylpropyl)piperazine di-HCl
(HM) *PIPERAZINES
(PA) TRANSMITTER UPTAKE INHIBITORS, NEURONAL
(NO) structure given in first source

GBR-12909 see GBR 12909

GBR 12921
(RN) 67469-57-2
(SY) GBR-12921
(SY) 1-(2-(diphenylmethoxy)ethyl)-4-(3-phenyl-2-propenyl)piperazine
(HM) *PIPERAZINES
(PA) DOPAMINE/antag

GBR-12921 see GBR 12921

GBR 12935
(RN) 76778-22-8
(SY) GBR-12935
(SY) 1-(2-(diphenylmethoxy)ethyl)-4-(3-phenylpropyi) piperazine
(HM) *PIPERAZINES
(II) LIGANDS

GBR-12935 see GBR 12935

GBR-13069 see GBR 13069

GBR 13069
(RN) 77862-93-2
(SY) 1-(2-(bis(4-fluorophenyl)methoxy)ethyl)-4-(3-phenyl-2-propenyl)piperazine dimethanesulfonate
(SY) GBR-13069
(HM) *PIPERAZINES
(PA) TRANSMITTER UPTAKE INHIBITORS, NEURONAL
(NO) RN given refers to dimethanesulfonate salt; RN for parent cpd not in Chemline 12/84; structure given in first source

GBR-13098 see GBR 13098

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GBR 13098
(RN) 77862-94-3
(SY) 1-(2-(bis(4-fluorophenyl)methoxy)ethyl)-4-(3-(4-fluorophenyl)propyl)piperazine dimethanesulfonate
(SY) GBR-13098
(HM) *PIPERAZINES
(PA) TRANSMITTER UPTAKE INHIBITORS, NEURONAL
(NO) RN given refers to dimethanesulfonate salt; RN for parent cpd not in Chemline 12/84; structure given in first source

GBR 21450
(SY) GBR-21450
(HM) *FUNGICIDES, INDUSTRIAL
(NO) used for control of dust mites

GBR-21450 see GBR 21450

GBTS-Pt complex see glyoxal bis(thiosemicarbazone)-platinum complex

GBZ-SBZL see benzyl 4-guanidinothiobenzoate

G-CAT see glycerophospholipid-cholesterol acyltransferase

GCDCS see glycochenodeoxycholate-3-sulfate

GCDFP
(SY) GCDFP-15
(SY) gross cyst disease fluid protein
(SY) gross cyst disease fluid protein-15
(SY) gross cystic disease fluid protein
(HM) *GLYCOPROTEINS
(II) NEOPLASM PROTEINS
(NO) glycoprotein elevated in plasma of women with breast cancer & bone metastases used as neoplasm marker

GCDFP-15 see GCDFP

GCG-NEM see N-ethylmaleimide-gamma-glutamyl-cysteinyl-glycine

G(1) chalone
(SY) epidermal G1-chalone
(HM) *CHALONES
(NO) inhibits the G1-S transition in mouse epidermal cells; see also related G(2) chalone

G(2) chalone
(SY) epidermal G2 chalone
(HM) *CHALONES
(NO) inhibits entry of mouse epidermal cells from G2 phase into mitosis; see also related G(1) chalone

GcNeu see N-glycolylneuraminic acid

G-2,3-CPTT see glycerol 2,3-cyclic phosphorothioate

G-1,2-CP see glucopyranose-1,2-cyclic phosphate

GCSTF see glia cell stimulating factor

GC-9160 see kelevan

Gd EDTA see gadolinium EDTA

Gd-EDTA see gadolinium EDTA

GD1a ganglioside see ganglioside, GD1a

GD(1a) ganglioside see ganglioside, GD1a

GD1b ganglioside see ganglioside, GD1b

GD2 ganglioside see ganglioside, GD2

GD1b-(NeuGc)2 see di-(N-glycolylneuraminic acid)ganglioside GD1b

GDP-beta-N-acetylglucosaminide alpha-3-L-fucosyltransferase see beta-N-acetylglucosaminide alpha 1-3- fucosyltransferase

GDP(beta-S) see guanosine 5'-O-(2-thiodiphosphate)

GDP-CAH see guanosine diphosphate N-chloroacetylhydrazone

GDPE see 1-(1-glycero)dodeca-1,3,5,7,9-pentaene

GDP exchange factor see eIF-2 stimulating protein

GDPFG-2-fucosyltransferase see GDP L-fucose-beta-D-galactosyl alpha-2-L- fucosyltransferase

GDP-FGlc see guanosine-2-deoxy-2-fluoro-D-glucose diphosphate ester

GDPfucose-2-acetamido-2-deoxy-beta-D-glucopyranoside (1-4)alpha-L-fucosyltransferase see N-acetylglucosaminide alpha 1-4-fucosyltransferase

GDP-fucose-N-acetylglucosaminyl saccharide 3-alpha-L-fucosyltransferase see beta-N-acetylglucosaminide alpha 1-3- fucosyltransferase

GDP-fucose-asialofetuin fucosyltransferase see GDPfucose-glycoprotein fucosyltransferase

GDP L-fucose-beta-D-galactosyl alpha-2-L- fucosyltransferase
(RN) EC 2.4.1.-
(SY) GDPFG-2-fucosyltransferase
(SY) GDP-L-fucose-galactoside-2'-fucosyltransferase
(SY) beta-galactoside alpha-1,2-fucosyltransferase
(SY) alpha-2'-L-fucosyltransferase
(SY) 2-fucosyltransferase
(HM) *FUCOSYLTRANSFERASES

GDP-L-fucose-galactoside-2'-fucosyltransferase see GDP L-fucose-beta-D-galactosyl alpha-2-L- fucosyltransferase

GDPfucose-glycoprotein fucosyltransferase
(RN) EC 2.4.1.68
(RR) 9033-08-3 (CRN)
(SY) GDP-fucose-asialofetuin fucosyltransferase
(SY) glycoprotein fucosyltransferase
(HM) *FUCOSYLTRANSFERASES

GDPfucose-GM1 ganglioside alpha-fucosyltransferase
(RN) EC 2.4.1.-
(SY) GMI-fucosyltransferase
(HM) *FUCOSYLTRANSFERASES

GDPG see guanosine diphosphate glucose

GDP glucose see guanosine diphosphate glucose

GDP-GTP reversing factor see eIF-2 stimulating protein

GDP-D-mannose-4,6-dehydratase see GDPmannose 4,6-dehydratase

GDPmannose 4,6-dehydratase
(RN) EC 4.2.1.47
(SY) GDP-D-mannose-4,6-dehydratase
(HM) *HYDRO-LYASES

GDPmannose dolicholphosphate mannosyltransferase
(RN) EC 2.4.1.83
(RR) 62213-44-9 (CRN)
(SY) dolichol phosphate GDP mannose mannosyltransferase
(SY) dolichol phosphate mannose synthase
(SY) dolichyl mannosyl transferase
(HM) *MANNOSYLTRANSFERASES

GDP-mannose-dolichyldiphosphate chitobiose mannosyltransferase
(RN) EC 2.4.1.-
(SY) dolichyl diP mannosyltransferase
(SY) dolichol pathway enzyme III
(HM) *MANNOSYLTRANSFERASES

GDPmannose-dolichylpyrophosphate trisaccharide alpha (1-3)-D-mannosyltransferase see glycolipid 3-mannosyltransferase

GDPmannose-glycolipid-3-mannosyltransferase see glycolipid 3-mannosyltransferase

GDP mannuronate see GDP mannuronic acid

GDP mannuronic acid
(RN) 10485-25-3
(SY) GDP mannuronate
(HM) *NUCLEOSIDE DIPHOSPHATE SUGARS

GDP phosphohydrolase see nucleosidediphosphatase

8-N(3)GDP see 8-azidoguanosine-3',5'-diphosphate

GD 131 see GD-131

GD-131
(RN) 3772-64-3
(RR) 21658-44-6 (HCl)
(SY) N-cyclohexylmethyl-N-ethyl-beta-chloroethylamine
(SY) GD 131
(HM) *DIETHYLAMINES
(NO) inhibitor of extraneural uptake; RN given refers to parent cpd

GD(3) see ganglioside, GD3

GD-42 see methylsulfomethylate

GEA 6414 see tolfenamic acid

GEGSH see S-(2-(N(7)-guanyl)ethyl)glutathione

Geigy 30,028 see propazine

gelactin see actin gelation proteins

gelastyp S see gelastypt S

Gelastypt M
(RN) 79983-00-9
(HM) *GELATIN SPONGE, ABSORBABLE
(HM) *ETHACRIDINE
(HM) DRUG COMBINATIONS
(PA) ANTI-INFECTIVE AGENTS, LOCAL
(NO) used for filling periodontal bone pockets; contains rivanol, an anti-infective agent

gelastypt S
(SY) gelastyp S
(HM) *GELATIN SPONGE, ABSORBABLE
(HM) UREA/*analogs
(HM) DRUG COMBINATIONS
(PA) ANTI-INFECTIVE AGENTS, LOCAL
(NO) antibacterial, antihemorrhagic resorbable gelatin sponge containing aminoquinuride; used as tampon in dental surgery

gelatinase
(RN) EC 3.4.23.2
(RR) 9025-48-3 (CRN)
(HM) *PEPSIN

gelatin-binding glycoprotein
(SY) gelatin binding protein
(SY) polynectin
(SY) glycine-rich gelatin-binding protein
(HM) *CARRIER PROTEINS
(II) GELATIN
(NO) 70,000-dalton glycoprotein synthesized from fibronectin by normal & malignant adherent cells

gelatin binding protein see gelatin-binding glycoprotein

anti-gelatin factor
(HM) *CRYOGLOBULINS
(II) AUTOANTIGENS

gelatin film see Gelfilm

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Gelatinol
(RN) 39340-56-2
(HM) *GELATIN
(II) PLASMA SUBSTITUTES
(NO) 8% gelatin solution containing various salts.

gelatin-resorcinol-formaldehyde tissue adhesive
(SY) GRF tissue adhesive
(HM) *GELATIN
(HM) *FORMALDEHYDE
(HM) *RESORCINOLS
(HM) DRUG COMBINATIONS
(II) TISSUE ADHESIVES

gelborange S see FD & C Yellow No. 6

geldanamycin
(RN) 30562-34-6
(HM) QUINONES
(PA) ANTIBIOTICS
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) from culture filtrates of Streptomyces hygroscopicus var. geldanus var. Nova.

Gelfilm
(SY) gelatin film
(HM) *GELATIN
(NO) a non-porous, rigid, cellophane-like absorbable gelatin; prevents adhesions

Geliperm
(HM) *ACRYLAMIDES
(HM) *AGAR
(II) BANDAGES
(II) GELS
(NO) polyacrylamide-agar-hydrogel used for wound dressings

gelonin
(RN) 75037-46-6
(HM) *PLANT PROTEINS
(NO) from Gelonium multiflorum; inhibitor of protein synthesis; nontoxic to intact cells

gelopectose
(HM) *PECTINS
(HM) *SILICON
(NO) used as thickening agent in food; my cause intestinal occlusion & enterocolitis

gelox
(RN) 90954-79-3
(HM) *BENTONITE
(HM) *ALUMINUM SILICATES
(HM) *ALUMINUM HYDROXIDE
(HM) *MAGNESIUM HYDROXIDE
(HM) DRUG COMBINATIONS
(PA) ANTACIDS
(NO) shielding antacid containing montmorillonite beidellite, aluminum hydroxide & magnesium hydroxide

gelrite
(SY) PS-60
(SY) PS 60
(SY) S-60
(SY) S 60
(HM) *GELS
(NO) gellan gum developed as agar substitute

gelsolin
(HM) *CALCIUM-BINDING PROTEINS
(HM) *MICROFILAMENT PROTEINS
(II) BLOOD PLATELETS
(II) MACROPHAGES
(II) NERVE TISSUE PROTEINS
(NO) calcium-binding protein isolated from macrophages & platelets; in neurons from brain & spinal cord

gel tears
(HM) *ACRYLIC RESINS
(II) OPHTHALMIC SOLUTIONS
(II) GELS
(NO) ocular lubricant high viscosity carboxypolymethylene gel of synthetic high MW cross-linked acrylic acid polymers

gelusil
(RN) 8077-28-9
(HM) *ALUMINUM HYDROXIDE
(HM) *SILICIC ACID
(HM) *MAGNESIUM HYDROXIDE
(HM) DRUG COMBINATIONS
(PA) ANTACIDS
(NO) antacid containing Al-H3-O3.Mg2-O8-Si3

Gelvisol
(SY) Helvisol
(HM) *HEXOSES
(HM) *VITAMINS
(HM) *GLUTAMATES
(HM) DRUG COMBINATIONS
(II) CHOLECYSTITIS/drug ther
(II) PLASMA SUBSTITUTES
(II) PALLIATIVE TREATMENT
(NO) Russian drug; contains sucrose 50g, nutritive sorbitol 50g, redistilled ethanol 50g, caffeine 0.1g, bendazol 0.05g, citric acid 2g, KCl 0.42g, NaCl 8.5g, MgCl2 0.025g, ascorbic acid 0.6g, glutamic acid 0.1g, vitamins B1, B2, B6 0.004g, solution of partially hydrolyzed nutritive gelatin (8%, 200ml), & distilled H2O to one liter

gemeprost see 16,16-dimethyl-delta(2)-prostaglandin E1 methyl ester

gemfibrozil
(RN) 25812-30-0
(SY) 2,2-dimethyl-5-(2,5-xylyloxy)-valeric acid
(SY) CI-719
(SY) CI 719
(HM) *PENTANOIC ACIDS
(PA) ANTILIPEMIC AGENTS
(NO) structure

gemodes see hemodes

GEMSA see guanidinoethylmercaptosuccinic acid

gene b exonuclease
(RN) EC 3.1.11.-
(SY) T7 exonuclease
(HM) *EXODEOXYRIBONUCLEASES

gene II-protein (bacteriophage fd) see gene proteins, viral

gene product 18-bacteriophage T3 see gene proteins, viral

gene A protein see gene proteins, viral

gene proteins, bacterial
(SY) dnaZ protein
(SY) dnaG protein
(SY) dnaG (Primase)
(SY) dnaB protein
(SY) dnaB gene product
(SY) Lon (capR) gene product
(SY) DNA gene proteins, bacterial
(SY) nusA gene protein (E. coli)
(SY) uvrc protein
(SY) nusA1 gene product
(SY) nusB5 gene product
(SY) DNAQ gene product
(SY) putA protein
(SY) nusB gene product
(SY) nifJ protein
(SY) DNA A protein
(SY) dnaA protein
(SY) uvrA gene product
(SY) primosomal DNA replication protein n, E coli
(SY) dnaC protein
(SY) umuc protein
(SY) fnr protein
(SY) RNA primase
(SY) TonB protein
(SY) dnaK protein
(SY) E protein, E Coli
(SY) Hin protein
(SY) gyrB protein
(SY) recN protein
(SY) lambda N gene product
(SY) nusB protein
(SY) lac Z protein
(SY) umu C gene product
(SY) ada(+) gene product
(SY) TrpA protein
(SY) tsM gene product
(SY) sfiA gene product
(SY) ftsZ gene product
(SY) secY gene product
(SY) cpxA gene product
(SY) fur gene product
(SY) L Factor (E coli)
(SY) spo0A protein
(SY) nifA protein
(SY) Hexa protein
(SY) recF gene product
(HM) *BACTERIAL PROTEINS
(II) DNA REPLICATION
(II) PHOSPHATASES
(II) TRANSCRIPTION FACTORS
(II) REPRESSOR PROTEINS

gene proteins, mammalian
(SY) CAD gene protein, Chinese hamster cells
(SY) CAD protein
(HM) *PROTEINS
(II) ASPARTATE CARBAMOYLTRANSFERASE
(II) MULTIENZYME COMPLEXES
(II) CARBAMYL PHOSPHATE SYNTHASE (GLUTAMINE)
(II) DIHYDRO-OROTASE
(NO) CAD is large multifunctional protein in mammalian cells that catalyzes first 3 steps of de novo pyrimidine biosynthetic pathway; contains carbamoylphosphate synthetase, aspartate carbamoyltransferase & dihydro-orotase

gene proteins, viral
(SY) T4 DNA replication protein
(SY) T4 gene 41 protein
(SY) bacteriophage fd gene II-protein
(SY) gene II-protein (bacteriophage fd)
(SY) B-fd gene 2 protein
(SY) bacteriophage A protein
(SY) A protein
(SY) gene A protein
(SY) bacteriophage G4 A protein
(SY) DNA gene proteins, viral
(SY) himA gene product
(SY) phimA
(SY) lambda regulatory protein cII
(SY) T4 gene 32 protein
(SY) bacteriophage f1 gene II protein
(SY) X proteins (genes)
(SY) regA gene product
(SY) beta protein, bacteriophage lambda
(SY) avian sarcoma virus p90
(SY) T4 mot regulatory protein
(SY) Cre recombinase protein
(SY) bacteriophage F1 gene V protein
(SY) Mu A protein
(SY) V-abl protein
(SY) T4 bacteriophage gene 44 replication protein
(SY) T4 bacteriophage gene 62 replication protein
(SY) T4 bacteriophage gene 45 replication protein
(SY) dda protein
(SY) phage Mu gene B product
(SY) unf gene product
(SY) alc gene product
(SY) Salmonella phage P22 gene 8 product scaffolding protein
(SY) gene product 18-bacteriophage T3
(SY) Xis protein
(SY) v-erbB gene product
(SY) T4 bacteriophage gene 61 priming protein
(HM) *VIRAL PROTEINS
(II) DNA REPLICATION
(II) ENDONUCLEASES
(II) NUCLEOTIDYLTRANSFERASES
(II) PHAGE LAMBDA
(II) RECOMBINATION, GENETIC
(II) TRANSCRIPTION, GENETIC
(II) REPRESSOR PROTEINS
(II) TRANSCRIPTION FACTORS
(II) ONCOGENE PROTEINS, VIRAL
(II) RETROVIRIDAE PROTEINS

O(2)-generating enzyme see superoxide-forming enzyme

5S gene-specific transcription factor
(SY) TFIIIA
(SY) 5S RNA gene transcription factor
(SY) transcription factor IIIA
(HM) *TRANSCRIPTION FACTORS
(II) RNA, RIBOSOMAL
(NO) monomer of 38,6000 Da; does not contain ATPase or protein kinase activity

geneticin see antibiotic G-418

Genetron 11 see trichlorofluoromethane

Genetron 12 see freon-12

genipin
(RN) 6902-77-8
(HM) *PYRANS
(PA) CHOLAGOGUES AND CHOLERETICS
(II) PLANTS, MEDICINAL
(NO) from gardenia plant; structure

genistein
(RN) 446-72-0
(SY) differenol A
(HM) *ISOFLAVONES
(NO) structure

genistein 4-methyl ether see biochanin A

genistin
(RN) 529-59-9
(HM) *ISOFLAVONES
(II) ESTROGENS, NONSTEROIDAL
(NO) glycoside of soy bean isoflavone, gentistein

genkwadaphnin
(RN) 55073-32-0
(HM) *DITERPENES
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(NO) from Daphne genkwa; structure given in first source

genome-linked protein, VPg poliovirus see viral proteins, genome-linked

genomoll P see tris(chloroethyl)phosphate

gentamicin acetyltransferase I see gentamicin 3-acetyltransferase

gentamicin acetyltransferase III see gentamicin 3-acetyltransferase

gentamicin acetyltransferase IV see gentamicin 3-acetyltransferase

gentamicin 3-acetyltransferase
(RN) EC 2.3.1.60
(RR) 58500-58-6 (CRN)
(SY) gentamicin acetyltransferase I
(SY) gentamicin acetyltransferase III
(SY) gentamicin acetyltransferase IV
(HM) *ACETYLTRANSFERASES

gentamicin C
(RN) 11097-82-8
(RR) 59751-72-3 (gentamicin C2a)
(RR) 37229-04-2 (sulfate)
(RR) 26098-04-4 (gentamicin C1a)
(RR) 25876-11-3 (gentamicin C2)
(RR) 25876-10-2 (gentamicin C1)
(RR) 38539-12-7 (gentamicin C1 sulfate)
(RR) 51540-67-1 (gentamicin C1 sulfate [5:2])
(SY) gentamicin C2
(SY) gentamicin C1
(SY) Sch 13706
(HM) *GENTAMICINS
(NO) RN given refers to cpd with unknown MF; see also record for micronomicin for which gentamicin C2b is synonym

gentamicin C1 see gentamicin C

gentamicin C2 see gentamicin C

gentamicin C2b see micronomicin

gentamicin 2"-nucleotidyltransferase
(RN) EC 2.7.7.46
(RR) 70356-34-2 (CRN)
(SY) gentamycin adenylase
(SY) gentamycin adenylyltransferase
(SY) aminoglycoside adenylyltransferase
(SY) aminoglycoside 2"-O-nucleotidyltransferase
(SY) 2"-O-adenylyltransferase
(HM) *NUCLEOTIDYLTRANSFERASES

gentamicin PMMA see gentamicin-polymethylmethacrylate bead

gentamicin-polymethylmethacrylate bead
(SY) G-PMMA
(SY) gentamicin-polymethyl-methacrylate chain
(SY) gentamicin PMMA
(SY) septopal
(SY) refobacin
(SY) Refobacin-Palacos R
(HM) *GENTAMYCINS
(HM) *METHYLMETHACRYLATES
(NO) for treatment of chronic bone sepsis; available as loose beads or chain with 30 beads strung on multistranded surgical wire; each bead has a gentamicin content of 4.5mg

gentamicin-polymethyl-methacrylate chain see gentamicin-polymethylmethacrylate bead

gentamycin adenylase see gentamicin 2"-nucleotidyltransferase

gentamycin adenylyltransferase see gentamicin 2"-nucleotidyltransferase

gentiobiose
(RN) 554-91-6
(SY) amygdalose
(HM) *DISACCHARIDES
(NO) disaccharide consisting of two glucose units in a beta (1-6) glycosidic linkage; minor descriptor (79-83); on-line & Index Medicus search DISACCHARIDES (79-83); RN given refers to (D)-isomer; RN for cpd without isomeric designation not in Chemline 8/4/83; structure

gentiopicroside
(RN) 20831-76-9
(HM) *PYRANS
(HM) *GLUCOSIDES
(NO) from Gentianae Radix & Gentianae Scabrae Radix; structure

gentisate 1,2-dioxygenase
(RN) EC 1.13.11.4
(RR) 9029-48-5 (CRN)
(HM) *OXYGENASES

gentisic acid see 2,5-dihydroxybenzoic acid

gentisin
(RN) 437-50-3
(HM) *XANTHENES
(PA) MUTAGENS
(II) PLANT EXTRACTS
(II) PLANTS, MEDICINAL
(NO) methanol extract of Gentianae radix

geographutoxin I
(RN) 86394-16-3
(SY) GTX I
(HM) *MOLLUSK VENOMS
(NO) toxic peptide from Conus geographus with 22 amino acids; different from conotoxin GI; amino acid sequence given in first source

geographutoxin II
(RN) 86414-29-1
(SY) GTX II
(HM) *MOLLUSK VENOMS
(NO) toxic peptide from Conus geographus with 22 amino acids; different from conotoxin GI; amino acid sequence given in first source

geosmin
(RN) 19700-21-1
(HM) *NAPHTHOLS
(II) ODORS
(NO) earthy smelling cpd from sediment in Lake Biwa; structure

GeO2 see germanium oxide

gepefrin see gepefrine

gepefrine
(RN) 18840-47-6
(SY) gepefrin
(HM) *PROPYLAMINES
(NO) structure given in USAN

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gephyrotoxin
(RN) 55893-12-4
(SY) (1S,3aS,5aS,6S(Z),9aR,10R)dodecahydro-6-(2-penten-4-yl)pyrrolo(1,2-a)quinoline-1-ethanol
(SY) Pyrrolo(1,2-a)quinoline-1-ethanol, dodecahydro-6-(2-penten-4-ynyl)-, (1S-(1alpha,3abeta, 5aalpha,6alpha(Z),9aalpha))-
(HM) *ALKALOIDS
(II) AMPHIBIAN VENOMS
(NO) alkaloid from Colombian frog Dendrobates histrionicus

Geraniin
(RN) 60976-49-0
(HM) *GLUCOSIDES
(NO) from Geranium thunbergii; structure in first source

geraniol
(RN) 624-15-7
(RR) 106-25-2 ((Z)-isomer)
(RR) 106-24-1 ((E)-isomer)
(RR) 53955-18-3 (Ti(4+) salt)
(RR) 21709-14-8 (1-(14)C-labeled cpd (E)-isomer)
(RR) 6065-30-1 (2-(14)C-labeled cpd (E)-isomer)
(SY) nerol
(HM) *TERPENES
(NO) used in perfumery; structure; RN given refers to cpd without isomeric designation

geraniol acetate
(RN) 16409-44-2
(RR) 105-87-3 ((E)-isomer)
(RR) 141-12-8 ((Z)-isomer)
(SY) nerol acetate
(HM) *TERPENES
(NO) RN given refers to cpd without isomeric designation

geraniol 3-chlorophenyl ether
(RN) 76265-73-1
(RR) 60462-78-4 ((E)-isomer
(SY) 3-chlorophenyl geraniol ether
(HM) *TERPENES
(II) JUVENILE HORMONES
(NO) RN given refers to cpd without isomeric designation

geranoyl-CoA carboxylase
(RN) EC 6.4.1.5
(SY) geranyl-CoA carboxylase
(HM) *LIGASES

geranyl-CoA carboxylase see geranoyl-CoA carboxylase

geranyl-diphosphate cyclase
(RN) EC 5.5.1.8
(SY) bornylpyrophosphate synthase
(SY) bornyl pyrophosphate cyclase
(SY) bornyl pyrophosphate synthetase
(HM) *ISOMERASES

geranylfarnesol
(RN) 79577-58-5
(RR) 22488-05-7 ((all-E)-isomer)
(SY) 3,7,11,15,19-pentamethyleicosa-2,6,10,14,18-pentaenol
(HM) *GEFARNATE/analogs
(NO) RN given refers to cpd without isomeric designation in Chemline

geranylgeranic acid
(RN) 83807-40-3
(RR) 35750-48-2 ((E,E,E,)-isomer)
(SY) geranylgeranoic acid
(HM) *DITERPENES
(NO) RN given refers to cpd without isomeric designation

geranylgeraniol
(RN) 7614-21-3
(RR) 24034-73-9 ((E,E,E)-isomer)
(RR) 1945-42-2 ((Z,Z,Z)-isomer)
(HM) *DITERPENES
(NO) RN given refers to cpd without isomeric designation

geranylgeraniol diphosphate see geranylgeranyl pyrophosphate

geranylgeranoic acid see geranylgeranic acid

geranylgeranylacetone
(RN) 6809-52-5
(RR) 3796-64-3 ((Z,E,E)-isomer)
(RR) 3796-63-2 ((E,E,E)-isomer)
(SY) geranyl-geranyl-acetone
(HM) *DITERPENES
(PA) ANTI-ULCER AGENTS
(NO) structure in first source; RN given refers to isomeric cpd without isomeric designation

geranyl-geranyl-acetone see geranylgeranylacetone

geranylgeranyl pyrophosphate
(RN) 6699-20-3
(RR) 69442-60-2 (14C-labeled cpd (E,E,E)-isomer)
(RR) 64732-91-8 ((Z,E,E)-isomer)
(SY) GGDP
(SY) geranylgeraniol diphosphate
(HM) *POLYISOPRENYL PHOSPHATES
(NO) RN given refers to (E,E,E)-isomer; RN for cpd without isomeric designation not in Chemline 8/83

N'-geranylpiperazinylfarnesyl acetamide
(SY) GPFA
(HM) *SESQUITERPENES
(PA) ANTI-ULCER AGENTS
(NO) structure given in first source

geranyl pyrophosphate
(RN) 763-10-0
(RR) 21141-43-5 (Li salt(E)-isomer)
(RR) 15132-09-9 (14C-labeled cpd (E)-isomer)
(RR) 16751-02-3 ((Z)-isomer)
(SY) neryl pyrophosphate
(HM) *POLYISOPRENYL PHOSPHATES
(NO) RN given refers to (E)-isomer; RN for cpd without isomeric designation not in Chemline 6/84

geranyl pyrophosphate-pinene cyclase I see pinene cyclase I

geranylpyrophosphate-pinene cyclase II see pinene cyclase II

geranyltransferase
(RN) EC 2.5.1.10
(HM) *TRANSFERASES

Germall II see diazolidinylurea

germall 115
(RN) 39236-46-9
(RR) 71042-94-9 (mono-Na salt)
(SY) imidazolidinyl urea
(SY) imidazolidinylurea
(HM) UREA/*analogs
(II) PHARMACEUTIC AIDS
(II) PRESERVATIVES, PHARMACEUTICAL
(NO) RN given refers to parent cpd

German chamomile oil see chamomile

germanium dioxide see germanium oxide

germanium oxide
(RN) 1310-53-8
(RR) 20619-16-3 (GeO)
(SY) GeO2
(SY) germanium dioxide
(HM) *GERMANIUM
(NO) has antimutagenic effects; RN given refers to cpd with MF GeO2

germekil
(HM) *FORMALDEHYDE
(HM) *AMMONIUM COMPOUNDS
(II) DISINFECTANTS
(II) SURFACE-ACTIVE AGENTS
(NO) sterilizing agent with synergistic action of formaldehyde solution & quaternary ammonium cpd used in disinfection of jet injection apparatus

germine
(RN) 508-65-6
(RR) 5750-58-3 (HCl)
(HM) *CEVANES
(NO) alkamine; present in many polyester alkaloids which occur in Veratrum & Zydadenus species; may be used medically as an antihypertensive agent; minor descriptor (75-83); on-line & Index Medicus search CEVANES (75-83); RN given refers to parent cpd; structure

Gerovital H3
(RN) 12663-50-2
(HM) *PROCAINE
(NO) Contains mainly procaine & small amounts of benzoic acid, potassium metabisulfite & disodium phosphate

gesamil see propazine

Gestodene
(RN) 60282-87-3
(RR) 73322-80-2 (((17alpha)-(+-))-isomer)
(SY) SH B 3331
(SY) 13-ethyl-17-hydroxy-18,19-dinor-17 alpha-pregna- 4,15-dien-20-yn-3-one
(SY) 17-alpha-ethinyl-13-ethyl-17 beta-hydroxy-4,15-gonadien-3-one
(HM) *NORPREGNENES
(II) CONTRACEPTIVES, ORAL
(II) PROGESTATIONAL HORMONES, SYNTHETIC
(NO) RN given refers to (17alpha)-isomer; RN for cpd without isomeric designation not in Chemline 8/83

gestranol see ovosiston

gestyl
(RN) 9002-70-4
(SY) prolon A
(SY) prolosan
(HM) *GONADOTROPINS, EQUINE
(NO) active principle is gonadotrophic; from serum of pregnant mare

Ge 132 see carboxyethylgermanium sesquioxide

GFA-protein
(HM) *NERVE TISSUE PROTEINS
(II) NEOPLASM PROTEINS
(NO) astroglia-specific protein in culture of rat C6 glioma

GFA-2 see L1 antigen

G1549 ferric complex see BN-227-F

d(GGAATTCC)
(HM) *OLIGODEOXYRIBONUCLEOTIDES
(NO) double-stranded oligonucleotide

G(M1) ganglioside activating factor see ganglioside hydrolysis activator proteins

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G(A1) ganglioside
(SY) asialoganglioside G(A1)
(SY) GA(1)
(SY) gangliotetraosylceramide
(HM) *GLYCOSPHINGOLIPIDS
(NO) Gal-N-acetylgalactosaminyl-gal-glc-ceramide; structure

G(D3) ganglioside see ganglioside, GD3

G(m1)-ganglioside galactosidase see lactosylceramidase II

G(M4) ganglioside see ganglioside, GM4

G(M1)ganglioside synthetase
(RN) EC 2.4.1.-
(SY) ganglioside GM1 synthetase
(HM) *HEXOSYLTRANSFERASES

GGBCE see guaiacylglycerol-beta-coniferyl ether

GGBEGG see beta-endorphin, Gln(8),Gly(31)-Gly-Gly-NH2-

GGBGE see guaiacylglycerol-beta-guaiacyl ether

GGBP see globin gene-binding protein

GGCC specific methyltransferase see DNA modification methylase BsuR

GGCPH see anthglutin

GGDA endopeptidase see gamma-D-glutamyl-L-diaminoacid endopeptidase

GGDP see geranylgeranyl pyrophosphate

GGG(Y2)-speract see glycyl-glycyl-glycyl-glycyl-tyrosyl-aspartyl-leucyl-asparaginyl-glycyl-glycyl-glycyl-valyl-glycine

GGGTMPMG see glutamyl-glutamyl-glutamyl-glutamyl-tyrosyl-methionyl-prolyl-methionyl-glutamic acid

G1-globulin see vicilin

GGMDA see N(2)-(gamma-D-glutamyl)-meso-2,2'-diaminopimelic acid

GGMDP endopeptidase see gamma-D-glutamyl-meso-diaminopimelate endopeptidase

GGSG see gamma-glutamyl-seryl-glycine

GGTBzA see glycyl-glycyl-tyrosyl(O-benzyl)-arginine

P-GHA see N-(pivaloyl)glycinohydroxamic acid

GHMD see glutathione hexane maleimide

GHM 10
(RN) 37291-87-5
(SY) GHM-10
(SY) nitrox
(HM) *NITROGEN
(HM) *OXYGEN
(PA) RADIATION-PROTECTIVE AGENTS
(NO) gas hypoxic mixture of 90% N2 & 10% O2

GHM-10 see GHM 10

GH receptor see somatotropin receptor

GHRH(1-29)NH2 see somatotropin releasing hormone(1-29)amide

GHRIH-A see somatostatin, D-Trp-D-Cys-

GHRP see histidyl-tryptophyl-alanyl-tryptophyl-phenylalanyl-lysinamide

GHRP, His(1)-Lys(6)- see histidyl-tryptophyl-alanyl-tryptophyl-phenylalanyl-lysinamide

GH-74 see GH 74

GH 74
(RN) 26258-70-8
(SY) 1,1-bis(p-ethoxyphenyl)-2-nitropropane
(SY) GH-74
(HM) *NITRO COMPOUNDS
(PA) INSECTICIDES
(NO) easily degradable non-halogenated insecticide

giant dRNA see DNA-like RNA

giant vasopressin precursors see neurophysin precursors

giardin
(SY) giardins
(HM) *PROTEINS
(II) GIARDIA
(NO) protein from Giardia axonemes & disc cytoskeletins

giardins see giardin

gibberellic acid
(RN) 77-06-5
(RR) 125-67-7 (mono-K salt)
(RR) 30759-71-8 (unspecified K salt)
(RR) 3835-78-7 (mono-Na salt)
(RR) 32450-00-3 ((1alpha,2beta,4aalpha,4bbeta,6alpha,10beta)-isomer)
(RR) 73339-11-4 (mono-NH4 salt((1alpha,2beta,4aalpha,4bbeta,10beta)-isomer)
(HM) *GIBBERELLINS
(II) PLANT GROWTH REGULATORS
(NO) RN given refers to (1alpha,2beta,4aalpha,4bbeta,10beta)-isomer; RN for cpd without isomeric designation not in Chemline 8/83; structure

Gibbs Reagent see N,2,6-trichloro-4-benzoquinone imine

gibitan see chlorhexidine gluconate

GIKCS see glucose-insulin-potassium cardioplegic solution

GIK solution see glucose-insulin-potassium cardioplegic solution

gilatoxin
(RN) 77641-30-6
(HM) *PEPTIDES
(II) VENOMS
(II) LIZARDS
(NO) major toxin from Heloderma (Gila monster) venom

Gillazym
(RN) 66143-04-2
(HM) *DIMETHYLPOLYSILOXANES
(HM) *PANCREATIN
(HM) *DEHYDROCHOLIC ACID
(HM) DRUG COMBINATIONS
(PA) GASTROINTESTINAL AGENTS
(NO) biliary enzyme prep; contains pancreatin, dehydrocholic acid & dimethylpolysiloxane

gillusdin
(SY) 5,7-dichloro-5',6'-dihydroxy-6'-methoxy-4-methyl-3,4-dioxospiro(benzofuran-2(3H)-1'-(2,5)-cyclohexadiene)-2-carboxylic acid methyl ester
(HM) *BENZOFURANS
(NO) structure given in first source; Aspergillus terreus metabolite

gilvocarcin E
(RN) 80937-34-4
(SY) 4-fucofuranosyl-1-hydroxy-10,12-dimethoxy-8-ethyl-6H-benzo(d)naphtho(1,2b)pyran-6-one
(HM) GLYCOSIDES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) from Streptomyces anandii; structure given in first source

gilvocarcin M
(RN) 77879-89-1
(SY) 4-fucofuranosyl-1-hydroxy-10,12-dimethoxy-8-vinyl-6H-benz(d)naphtho(1,2b)pyran-6-one 8- methyl ester
(HM) GLYCOSIDES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) from Actinomycete DO-38; structure given in first source

gilvocarcin V
(RN) 77879-90-4
(SY) 4-fucofuranosyl-1-hydroxy-10,12-dimethoxy-8-vinyl-6H-benz(d)naphtho(1,2b)pyran-6-one
(SY) 2064A
(HM) GLYCOSIDES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) from Actinomycete DO-38; structure given in first source

GIM-HU see gonadotropin inhibitor

gindarin see tetrahydropalmatine

gingerol
(RN) 1391-73-7
(SY) (6)-gingerol
(HM) *FATTY ALCOHOLS
(PA) MUTAGENS
(II) PLANTS, MEDICINAL
(NO) structure

(6)-gingerol see gingerol

Ginkgolip
(HM) *PLANT EXTRACTS
(HM) *VITAMIN E
(HM) *GLUTAMATES
(HM) DRUG COMBINATIONS
(NO) geriatric drug; contains estracts of Crataegi, Eleutherococci, Ginkgo biloba, alli sativi, Faex medicinalis, Vitamin E, Tritici germinis & glutamic acid

ginkor see tebonin

ginsenoside Rb1
(RN) 41753-43-9
(SY) sanchinoside E1
(HM) *SAPONINS
(II) GINSENG

ginsenoside Rb3
(RN) 68406-26-8
(SY) ginsenoside-Rb3
(HM) *SAPONINS
(II) GINSENG

ginsenoside-Rb3 see ginsenoside Rb3

ginsenoside Rc
(RN) 11021-14-0
(SY) ginsenoside-Rc
(HM) *SAPONINS
(II) GINSENG

ginsenoside-Rc see ginsenoside Rc

ginsenoside Rg1 see sanchinoside C1

ginsenosides
(HM) *SAPONINS
(II) GINSENG
(NO) saponins from root of Panax ginseng; structures of ginsenosides Rg1, Rb1, Re, Rf, Rc, Rg2, Rb2, Rd in 5th source

Gipan see Hypan

GIP receptor see gastric inhibitory polypeptide receptor

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gisadent NCA
(RN) 85764-88-1
(HM) *CHROMIUM ALLOYS
(II) DENTAL ALLOYS
(NO) nickel-chromium alloy

gitaloxin
(RN) 3261-53-8
(RR) 73987-01-6 ((3beta,5beta)-isomer)
(SY) 16-formylgitoxin
(HM) DIGOXIN/*analogs
(NO) RN given refers to (3beta,5beta,16beta)-isomer; RN for cpd without isomeric designation not in Chemline 6/84

GITC see 2,3,4,6-tetra-O-acetyl-beta-D-glucopyranosyl isothiocyanate

gitoformate see pentaformylgitoxin

gitoxin
(RN) 4562-36-1
(SY) 16alpha-gitoxin
(HM) *DIGOXIN
(II) ISOMERISM
(NO) an isomer of digoxin; the OH group which is in the C16 position while it is in the C12 position for Digoxin

Gly-Tan F
(RN) 1322-65-2
(SY) 4-ethoxyethyl-p-methoxycinnamate
(HM) *CINNAMATES
(II) COSMETICS

gizzerosine
(RN) 89238-78-8
(SY) 2-amino-9-(4-imidazolyl)-7-azanonanoic acid
(HM) *IMIDAZOLES
(II) FISH FLOUR
(NO) found in overheated fish meal; causes gizzard erosion in chicks; RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 5/85; structure given in first source

GK 101 see GK-101

GK-101
(RN) 35065-59-9
(SY) N-monochloroglycine
(SY) GK 101
(HM) GLYCINE/*analogs
(NO) removes dental caries

Glabrin
(RN) 35024-30-7
(HM) *NEUROTOXINS
(II) PLANTS
(NO) from Cnestis glabra root bark inhibits protein synthesis in cell culture; MW less than 500

glacial acetic acid see acetic acid glacial

glandular kallikrein see tissue kallikrein

glanduphen
(RN) 80955-19-7
(SY) glanduphen forte
(HM) *OXYTOCIN
(HM) *VASOPRESSINS
(HM) DRUG COMBINATIONS
(NO) combination of oxytocin & vasopressin

glanduphen forte see glanduphen

gla-protein see osteocalcin

glass fibers see fiberglass

glass ionomer
(SY) silicopolyacrylate
(HM) *ACRYLIC RESINS
(HM) *SILICA
(II) DENTAL CEMENTS

glass-succinamidopropyl see succinamidopropyl-glass

glaucarubinone
(RN) 1259-86-5
(HM) *GLAUCARUBIN/analogs
(NO) structure

glaucasterol
(RN) 84871-06-7
(SY) 24,25-24,26-cyclocholesta-5,22-dien-3 beta-ol
(HM) *CHOLESTADIENOLS
(NO) from soft coral Sarcophyton glaucum; natural C27 sterol with cyclopropane ring in side chain; structure given in first source

glaucine
(RN) 5630-11-5
(RR) 81662-74-0 (phosphate[5:8](+-)-isomer)
(RR) 81662-73-9 (phosphate[5:7](+-)-isomer)
(RR) 81609-57-6 (unspecified tartrate(+-)-isomer)
(RR) 80685-28-5 (unspecified tartrate(S)-isomer)
(RR) 79551-88-5 (unspecified phosphate(S)-isomer)
(RR) 76849-41-7 (tartrate[1:1](S)-isomer)
(RR) 76849-40-6 (phosphate[2:3](S)-isomer)
(RR) 73239-96-0 (unspecified tartrate(R)-isomer)
(RR) 73239-95-9 (unspecified tosylate(R)-isomer)
(RR) 73239-92-6 (unspecified maleate(+-)-isomer)
(RR) 73239-91-5 (unspecified sulfate(+-)-isomer)
(RR) 73239-90-4 (unspecified citrate(+-)-isomer)
(RR) 73239-89-1 (unspecified mesylate(+-)-isomer)
(RR) 73239-88-0 (unspecified acetate(+-)-isomer)
(RR) 73239-87-9 (phosphate[2:3](+-)-isomer)
(RR) 73239-86-8 (phosphate[2:3](R)-isomer)
(RR) 68742-87-0 (unspecified HI(S)-isomer)
(RR) 68742-86-9 (unspecified HBr(R)-isomer)
(RR) 68716-41-6 (unspecified HCl(+-)-isomer)
(RR) 68716-40-5 (tartrate[1:1](+-)-isomer)
(RR) 68716-37-0 (unspecified HI(R)-isomer)
(RR) 68716-36-9 (unspecified HCl(R)-isomer)
(RR) 68716-35-8 (tartrate[1:1](R)-isomer)
(RR) 50722-32-2 (unspecified HBr(+-)-isomer)
(RR) 38325-02-9 ((R)-isomer)
(RR) 5996-06-5 (unspecified HBr(S)-isomer)
(RR) 2269-06-9 (unspecified HCl(S)-isomer)
(RR) 475-81-0 ((S)-isomer)
(SY) tussiglaucin
(SY) glaucine phosphate
(HM) *APORPHINES
(PA) ANTITUSSIVE AGENTS
(NO) RN given refers to (+-)-isomer; RN for cpd without isomeric designation not in Chemline 8/83

glaucine phosphate see glaucine

glauplex see piloplex

glautaurine see glutaurin

glaxo 87-312 see nitrocefin

glaziovine
(RN) 6808-72-6
(RR) 17127-48-9 ((+-)-isomer)
(HM) *APORPHINES
(PA) TRANQUILIZING AGENTS, MINOR
(NO) a proaporphine alkaloid isolated from Ocotea glaziovii (Lauraceae) found to be similar in activity as an anxiolitic drug to diazepam; structure; RN given refers to (S)-isomer; RN for cpd without isomeric designation not in Chemline 6/84

Glc alpha 1-6 Glc alpha 1-4 Glc alpha 1-4 Glc see glucose tetrasaccharide

GLC-LDL see glycosylated lipoproteins, LDL

GlcNAc-DP-1-phosphotransferase see UDPacetylglucosamine-dolichyl-phosphate acetylglucosamine- 1-phosphate transferase

GlcNAc(1-3)GalNAc see acetylglucosaminyl(1-3)acetylgalactosamine

GlcNAc-transferase IV see UDP-GlcNAc-GnGn(GlcNAc to Man alpha1-3)beta 4-N- acetylglucosaminyltransferase IV

(GlcNAc)6 (1-4) see N-acetylglucosamine hexasaccharide 1-4

GLCNBRAC see N-bromoacetylglucosamine

Glc-1,6-P(2) phosphatase see glucose 1,6-diphosphate phosphatase

GlcPTase see UDPglucose-glycoprotein glucose-1-phosphotransferase

(Glc)4 see glucose tetrasaccharide

gleptoferron
(RN) 57680-55-4
(HM) *IRON-DEXTRAN COMPLEX
(HM) *SUGAR ACIDS
(HM) DRUG COMBINATIONS
(NO) colloid solution of ferric hydroxide, dextran & glucoheptonic acid

G-b-LG see glucosaminyl beta-lactoglobulin

GLGG see glycyl-leucyl-glycyl-glycine

glia cell stimulating factor
(SY) GCSTF
(HM) *LYMPHOKINES
(NO) secreted by T & B lymphocytes; increases DNA & RNA synthesis of cultured glia cells

gliadin peptide B-3142 see gliadin peptide B 3142

gliadin peptide B 3142
(SY) peptide B 3142
(SY) peptide B-3142
(SY) gliadin peptide B-3142
(HM) *PEPTIDES
(II) GLIADIN
(NO) 53-amino acid peptide from gliadin; amino acid sequence given in first source; shows coeliac specific effect

glial growth factor see glial maturation factor

glial maturation factor
(SY) glial growth factor
(SY) GMF
(SY) Glia maturation factor
(SY) astrocytoma-derived glial proliferation factor
(SY) astroglial growth factor
(HM) *NERVE TISSUE PROTEINS
(II) GROWTH SUBSTANCES
(II) NEOPLASM PROTEINS
(NO) synthesized by the glial cells during development; MW 350,000

Glia maturation factor see glial maturation factor

glicentin see proglucagon

glicentine see proglucagon

glicentin-related pancreatic peptide
(RN) 80317-95-9
(SY) GRPP
(SY) glicentin 1-30
(HM) *GLUCAGON
(HM) *PEPTIDE FRAGMENTS
(NO) amino acid sequence 1-30 of glicentin (proglucagon); structure in first source

glicentin 1-30 see glicentin-related pancreatic peptide

glimarit see Glimarite

Glimarite
(SY) glimarit
(HM) *DIURETICS, OSMOTIC
(NO) no other information available 4/85

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gliovirin
(RN) 83912-90-7
(SY) 12H-8,11a-(Iminomethano)-1aH,7H-(1,2,4) dithiazepino(4,3-b)oxireno(e)(1,2)benzoxazine-7, 13-dione, 4,4a,8,9-tetrahydro-4-hydroxy-9-(2-hydroxy-3,4-dimethoxyphenyl)-, (1aS-(1aalpha, 4beta,4abeta,8alpha,9beta,11aalpha,12aR*))-
(HM) PIPERAZINES
(PA) ANTIBIOTICS
(NO) from Gliocladium virens; structure given in first source

glipentida see glypentide

glipentide see glypentide

glipin
(RN) 3736-36-5
(RR) 74051-39-1 ((exo)-isomer)
(RR) 1674-94-8 (HCl(endo)-isomer)
(RR) 36173-66-7 (HCl(exo)-isomer)
(RR) 35080-14-9 ((endo)-isomer)
(SY) glypin
(SY) tropine benzilate
(HM) *TROPANES
(II) PARASYMPATHOLYTICS
(NO) RN given refers to (endo)-isomer; RN for cpd without isomeric designation not in Chemline 6/84

gliptide see sulglicotide

gliquidone
(RN) 33342-05-1
(RR) 87619-73-6 (Ca salt)
(RR) 62783-47-5 (mono-Na salt)
(SY) AR-DF 26
(SY) glurenorm
(HM) *SULFONYLUREA COMPOUNDS
(PA) HYPOGLYCEMIC AGENTS
(NO) structure; RN given refers to parent cpd

glisolamide
(RN) 24477-37-0
(SY) N-(4-(beta-(5-methylisoxazol-3-carboxamido)-ethyl)benzenesulfonyl)-N(1)-cyclohexylurea
(SY) glysolamide
(HM) *SULFONYLUREA COMPOUNDS
(PA) HYPOGLYCEMIC AGENTS
(NO) structure

glisoxepid see glisoxepide

glisoxepide
(RN) 25046-79-1
(SY) 4-(4-)beta-(5-methylisoxazol-3-carboxamido) ethyl)phenylsulfonyl)-1,1- hexamethylenesemicarbazide
(SY) glisoxepid
(SY) RP 22410
(SY) BS 4231
(SY) Pro-diaban
(SY) RP-22410
(SY) BS-4231
(HM) *SULFONYLUREA COMPOUNDS
(PA) HYPOGLYCEMIC AGENTS
(NO) oral sulfonylurea hypoglycemic agent which stimulates insulin secretion; minor descriptor (75-85); on-line & Index Medicus search SULFONYLUREA COMPOUNDS (75-85); RN given refers to parent cpd

GLI-1 see glucagon-like-immunoreactivity

9-Gln-beta-lipotropin see beta-lipotropin, Gln(9)-

Gln(8),Gly(31)-beta-endorphin-Gly-Gly-NH2 see beta-endorphin, Gln(8),Gly(31)-Gly-Gly-NH2-

Gln (B30)insulin see insulin, Gln (B30)-

Gln(4)neurotensin see 4-L-glutamine-neurotensin

GLn-24-PHI see PHI peptide-GLn-24

GLn-24-PHI see PHI peptide-GLn-24

Gln(9) secretin (5-27) see secretin (5-27), Gln(9)

Gln-tRNA see tRNA, glutamine-

globin gene binding protein see globin gene-binding protein

globin gene-binding protein
(SY) GGBP
(SY) globin gene binding protein
(HM) *CARRIER PROTEINS
(II) GENES, REGULATOR
(NO) non-histone protein fraction which has a role in globin gene regulation in chicken reticulocytes

Globin-N
(HM) *IGG
(HM) *IGA
(II) EPILEPSY/*drug ther
(NO) stabilized non-modified human IgG (90%) & IgA preparation having antiepileptic effects

globomycin
(RN) 67076-74-8
(RR) 69639-47-0 (SF-1902 A5)
(SY) SF-1902
(SY) SF-1902 A5
(SY) SF-1902 A2
(SY) SF-1902 A3
(SY) SF-1902 A4a
(SY) SF-1902 A4b
(SY) Glycine, N-(N-(N-(N-(N-(3-hydroxy-2-methyl-1-oxononyl)-N-methylleucyl)-L-alloisoleucyl)-L-seryl)-L-allothreonyl)-, rho-lactone
(HM) PEPTIDES
(PA) ANTIBIOTICS
(NO) SF-1902 A2,SF-1902 A3,SF-1902 A4a,SF-1902 A4b & SF-1902 A5 are minor components of globomycin; RN given refers to (L)-isomer

globopentaosylceramide see Forssman glycolipid

globoside beta GalNAc transferase see UDP-N-acetylgalactosamine-globoside beta-N-acetylgalactosaminyltransferase

globoside GL-4 see globotetraosylceramide

globotetaos see globotetraose

globotetraose
(RN) 75660-79-6
(SY) globotetaos
(HM) *GLOBOSIDES

globotetraosylceramide
(RN) 11034-93-8
(SY) globoside GL-4
(HM) *GLOBOSIDES

globotriaosylceramide
(RN) 71965-57-6
(SY) galactosyl(alpha1-4)galctosyl)beta1-4) glycosylceramide
(HM) *GLOBOSIDES

globotriaosylceramide synthase see UDP-galactose-lactosylceramide alpha 1-4-galactosyltransferase

glokill 77
(RN) 56996-62-4
(HM) *FORMALDEHYDE
(NO) formaldehyde release biocide produced by condensation of formaldehyde & amines to give cpd which is hydrolytically unstable

glomerular mucosubstance see glomerular sialoprotein

glomerular polyanion see glomerular sialoprotein

glomerular sialoprotein
(SY) glomerular polyanion
(SY) glomerular mucosubstance
(SY) podocalyxin
(HM) *GLYCOPROTEINS

glomerulopressin
(RN) 39372-38-8
(HM) *GLUCURONATES
(II) HORMONES
(II) KIDNEY GLOMERULUS
(NO) glucuronic acid conjugate which increases glomerular pressure in toads & glomerular filtration rate in rats

GL2 synthase see UDPgalactose-glucosylceramide galactosyltransferase

Glt-AAP-2-NA see glutaryl-alanyl-alanyl-phenylalanine-2-naphthylamide

Glt-Ala-Ala-Ala-ethylamide see glutaryl-alanyl-alanyl-alanyl-ethylamide

Glt(Ala)3)NHET see glutaryl-alanyl-alanyl-alanyl-ethylamide

Glt(Ala)3)NHPr see glutaryl-alanyl-alanyl-alanyl-propylamide

GLTPTPAT amide see glutamyl-leucyl-threonyl-phenylalanyl-threonyl-prolyl-asparaginyl-tryptophanamide

Glu-(Abu) see gamma-glutamyl-alpha-aminobutyrate

Glu-Amp see gamma-D-glutamylaminomethylphosphonic acid

Glu-Asn-Pro-Ser-Gln-Phe-Tyr-Glu-Arg-Leu-Cys-NH2 see glutamyl-asparaginyl-prolyl-seryl-glutaminyl-phenylalanyl-tyrosyl-glutamyl-arginyl-leucyl- cysteinamide

glubionate calcium
(RN) 31959-85-0
(RR) 12569-38-9 (monohydrate)
(SY) calcium glubionate
(HM) *CALCIUM
(HM) *TRISACCHARIDES
(II) INFANT FOOD
(NO) RN given refers to anhydrous cpd; structure in USAN

glucagon, (1-N-(alpha)-trinitrophenylhistidyl-12-homoarginine)- see (1-N-(alpha)-trinitrophenylhistidine-12-homoarginine) glucagon

glucagon, 12-(N(6)-(4-azidophenylamidino) lysine)-
(SY) 12-(N(6)-(4-azidophenylamidino)lysine)glucagon
(SY) glucagon, 12-(N-epsilon-4-azidophenylamidino) Lys-
(SY) APA-glucagon
(HM) GLUCAGON/*analogs
(HM) *AZIDES
(II) AFFINITY LABELS
(NO) azidophenylamidino moiety incorporated into glucagon at lysine 12

glucagon, carboxymethylmethionine(27)-
(SY) carboxymethylmethionine(27)-glucagon
(SY) carboxymethyl-(27)methionine glucagon
(SY) CMMet-glucagon
(HM) GLUCAGON/*analogs
(NO) carboxymethylated methionine in position 27 of glucagon

glucagon, 12-(N-epsilon-4-azidophenylamidino)Lys- see glucagon, 12-(N(6)-(4-azidophenylamidino)lysine)-

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glucagon-like-immunoreactivity
(SY) gut GLI
(SY) GLI-1
(SY) gut glucagon-like immunoreactants
(SY) glucagon-like polypeptides
(SY) glucagon-like peptide
(SY) biliary glucagon-like substance
(SY) IRG 2000
(HM) *PEPTIDES
(II) GASTROINTESTINAL HORMONES
(II) PROTEIN PRECURSORS
(II) GLUCAGON/immunol
(NO) has 100 amino acid residues; extracted from porcine gut; peptides which have an immunodeterminant similar to the 2-23 region of glucagon, but not immunodeterminant similar to glucagon

glucagon-like peptide see glucagon-like-immunoreactivity

glucagon-like polypeptides see glucagon-like-immunoreactivity

glucagon-NAPS
(RN) 76359-36-9
(SY) glucagon-2-nitro-4-azidophenylsulfenyl
(HM) *GLUCAGON
(HM) *AZIDES
(NO) photoreactive glucagon derivative

glucagon-2-nitro-4-azidophenylsulfenyl see glucagon-NAPS

glucagonoid see big plasma glucagon

glucagon-(1-21)-peptide see glucagon(1-21)

glucagon precursor
(HM) *PROTEIN PRECURSORS
(HM) *GLUCAGON

glucagon receptor
(SY) glucagon receptors
(SY) receptor, glucagon
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) GLUCAGON

glucagon receptors see glucagon receptor

glucagon releasing peptide
(RN) 85205-36-3
(SY) hypothalamic glucagon releasing peptide
(HM) *PEPTIDES
(II) GLUCAGON
(II) HYPOTHALAMIC HORMONES
(NO) peptide of 30-31 amino acids from rat hypothalamus capable of stimulating glucagon release from endocrine pancreas

glucagon THG see (1-N-(alpha)-trinitrophenylhistidine-12-homoarginine) glucagon

glucagon(1-17)
(RN) 88389-49-5
(SY) des(18-29) glucagon
(HM) *GLUCAGON
(HM) *PEPTIDE FRAGMENTS

glucagon(1-21)
(RN) 36489-11-9
(SY) glucagon-(1-21)-peptide
(HM) *GLUCAGON
(HM) *PEPTIDE FRAGMENTS
(NO) RN given refers to all-L isomer; RN for cpd without isomeric designation not in Chemline 12/84

glucagon (1-6)
(RN) 69658-84-0
(HM) *GLUCAGON
(HM) *PEPTIDE FRAGMENTS
(NO) has lipolytic & adenyl cyclase stimulating activity

glucagon(19-29)
(RN) 64790-15-4
(SY) des(1-18) glucagon
(HM) *GLUCAGON
(HM) *PEPTIDE FRAGMENTS

d-glucal
(RN) 13265-84-4
(SY) 1,2-dideoxy-D-arabino-hex-1-enopyranose
(HM) DEOXYGLUCOSE/*analogs
(NO) structural analog of d-glucose; do not confuse with glucal synonym to calcium gluconate; structure

glucametacin see glucometacin

glucametacine see glucometacin

glucamethacin1-(p-chlorobenzoyl)-5-methoxy-2-methylindole-3-acetic acid monohydrate glucosamide see glucometacin

glucan-alpha-D (1-4) see alpha-1,4-glucan

S-glucanase see exo-1,3-alpha-glucanase

glucan-binding protein
(SY) glucan binding protein
(HM) *CARRIER PROTEINS
(II) GLUCANS

glucan binding protein see glucan-binding protein

glucan nigeran
(RN) 31799-84-5
(SY) mycodextran
(SY) nigeran
(HM) *GLUCANS

glucansucrase see alternansucrase

glucan synthase
(RN) EC 2.4.1.-
(HM) *GLUCOSYLTRANSFERASES

glucantime
(RN) 133-51-7
(SY) N-methylglucamine antimonate
(SY) meglumine antimoniate
(HM) *ANTIMONY
(PA) ANTIPROTOZOAL AGENTS
(NO) used in treatment of leishmaniasis

glucarate dehydratase
(RN) EC 4.2.1.40
(HM) *HYDRO-LYASES

D-glucaro-delta-lactam
(RN) 31675-02-2
(RR) 65634-31-3 (Mg salt)
(RR) 65634-30-2 (mono-Ce salt)
(RR) 65634-29-9 (mono-Rb salt)
(RR) 60619-40-1 (mono-Li salt)
(RR) 53834-55-2 (mono-K salt)
(RR) 53701-65-8 (mono-Na salt)
(SY) glucaro-1,5-lactam
(HM) *GLUCARIC ACID/analogs
(NO) RN given refers to parent cpd

glucaro-1,5-lactam see D-glucaro-delta-lactam

1,4-glucarolactone see saccharolactone

D-glucaro-1,4-lactone see saccharolactone

1,4-D-glucarolactone see saccharolactone

glucaron see aceglatone

gluceptate see alpha-glucoheptonic acid

D-Glucitol, 6-O-alpha-D-glucopyranosyl-, mixture with 1-O-alpha-D-glucopyranosyl-D-mannitol see Palatinit

D-glucitol hexanicotinate see glucitol hexanicotinate

glucitol hexanicotinate
(RN) 6184-06-1
(RR) 75178-19-7 (unspecified HCl)
(SY) nicotinic hexaester of D-glucitol
(SY) sorbinicate
(SY) D-glucitol hexanicotinate
(HM) *NICOTINIC ACIDS
(HM) SORBITOL/*analogs
(PA) ANTILIPEMIC AGENTS
(NO) RN given refers to parent cpd

glucitol-lysine see glucitollysine

glucitollysine
(RN) 64609-73-0
(SY) epsilon-N-(1-deoxy-D-glucitol-1-yl)L-lysine
(SY) glucitol-lysine
(HM) LYSINE/*analogs
(NO) glycosylated amino acid elevated in proteins from diabetics; structure given in first source

glucitol-6-phosphate dehydrogenase see sorbitol-6-phosphate dehydrogenase

glucitolvaline
(RN) 88455-08-7
(SY) glucitol-valine
(HM) VALINE/*analogs

glucitol-valine see glucitolvaline

GlucNA see gamma-glutamyl-3-carboxy-4-nitroanilide

glucocerebroside synthetase see UDPglucose-ceramide glucosyltransferase

glucocorticoid sulfotransferase I
(RN) EC 2.8.2.-
(SY) STI
(HM) *SULFURTRANSFERASES
(NO) substrate GLUCOCORTICOIDS may be replaced by specific glucocorticoid

glucocorticoid sulfotransferase II
(RN) EC 2.8.2.-
(SY) STII
(HM) *SULFURTRANSFERASES
(NO) substrate GLUCOCORTICOIDS may be replaced by specific glucocorticoid

glucocorticoid sulfotransferase III
(RN) EC 2.8.2.-
(SY) STIII
(SY) sulfotransferase III
(SY) steroid sulfotransferase III
(HM) *SULFURTRANSFERASES
(NO) substrate glucocorticoids may be replaced by specific glucocorticoid

glucodextranase see exo-1,6-alpha-glucosidase

glucoheptonate see alpha-glucoheptonic acid

glucomanna
(SY) manna
(HM) *DIETARY FIBER
(PA) CATHARTICS
(NO) bulk forming agent consisting of vegetable matter

glucometacin
(RN) 52443-21-7
(SY) glucamethacin1-(p-chlorobenzoyl)-5-methoxy-2-methylindole-3-acetic acid monohydrate glucosamide
(SY) glucometacine
(SY) teoremac
(SY) glucametacine
(SY) teorema
(SY) glucametacin
(HM) INDOMETHACIN/*analogs
(PA) ANTI-INFLAMMATORY AGENTS
(NO) indomethacin analog; structure

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glucometacine see glucometacin

gluconate see gluconic acid

D-gluconate see gluconic acid

gluconate dehydratase
(RN) EC 4.2.1.39
(HM) *HYDRO-LYASES

gluconate 2-dehydrogenase
(RN) EC 1.1.99.3
(RR) 9028-81-3 (CRN)
(HM) *CARBOHYDRATE DEHYDROGENASES

gluconate kinase see gluconokinase

gluconate 6-phosphate dehydrogenase see phosphogluconate dehydrogenase (decarboxylating)

gluconate 6-phosphate see 6-phosphogluconate

gluconate 6-sulfate
(SY) gluconic acid-6-sulfate
(HM) *GLUCONATES

gluconic acid
(RN) 526-95-4
(RR) 82139-35-3 (unspecified Zn salt)
(RR) 60816-70-8 (mono-Li salt)
(RR) 60007-93-4 (Al[3:1] salt)
(RR) 50320-76-8 (unspecified La(+3) salt)
(RR) 35984-19-1 (unspecified Sn(+2) salt)
(RR) 35087-77-5 (unspecified K salt)
(RR) 33033-18-0 (14C-labeled cpd)
(RR) 22830-45-1 (unspecified Fe(+2) salt dihydrate)
(RR) 16960-18-2 (6-(14)C-labeled cpd)
(RR) 16775-10-3 (1-(14)C-labeled cpd)
(RR) 14933-21-2 (unspecified Ca salt)
(RR) 14906-97-9 (unspecified Na salt)
(RR) 13005-35-1 (unspecified Cu salt)
(RR) 10361-31-6 (unspecified NH4 salt)
(RR) 10101-21-0 (Sr[2:1] salt)
(RR) 6485-39-8 (Mn[2:1] salt)
(RR) 3632-91-5 (Mg[2:1] salt)
(RR) 527-07-1 (mono-Na salt)
(RR) 299-27-4 (mono-K salt)
(RR) 50515-31-6 (159Dy-labeled salt)
(RR) 3791-65-9 (Co(+2)[2:1] salt with unspecified isomeric designation)
(RR) 53611-15-7 (unspecified Ce(+3) salt)
(RR) 50515-27-0 (113In-labeled salt)
(RR) 71519-73-8 (Co salt[2:1])
(RR) 78812-55-2 (unspecified (99)Tc(5+) salt)
(RR) 13005-35-1 (unspecified Cu salt)
(SY) D-gluconic acid
(SY) D-gluconate
(SY) gluconate
(SY) sodium gluconate
(SY) lithium gluconate
(SY) zinc gluconate
(HM) *GLUCONATES
(II) ZINC
(II) LITHIUM
(NO) RN given refers to (D)-isomer; RN for cpd without isomeric designation not in Chemline 8/83; all RRs refers to (D)-isomer unless otherwise noted

D-gluconic acid see gluconic acid

gluconic acid-6-sulfate see gluconate 6-sulfate

gluconimycin
(RN) 11003-95-5
(HM) *ACTINOMYCIN
(NO) difffers from actinomycins of Z-group by presence of proline; amino acid composition is similar to actinomycins of X-group

glucono-delta-lactam see 5-amino-5-deoxygluconic acid delta-lactam

D-glucono-delta-lactone hydrolase see 6-phosphogluconolactonase

gluconokinase
(RN) EC 2.7.1.12
(RR) 9030-55-1 (CRN)
(SY) gluconate kinase
(HM) *PHOSPHOTRANSFERASES, ATP

gluconolactonase
(RN) EC 3.1.1.17
(HM) *CARBOXYLIC ESTER HYDROLASES

gluconolactone
(RN) 90-80-2
(SY) delta-gluconolactone
(HM) *GLUCONATES
(NO) structure

D-Glucopyranose, 1,16-anhydro-1-C-(2,4-dihydroxy-6-(hydroxymethyl)phenyl)-4-O-(6-O-(8-hydroxy-1-oxo-2,4,6-decatrienyl)-beta-D-galactopyranosyl)-, 3-(7-hydroxy-8,14-dimethyl-2,4,8,10-hexadecatetraenoate) see papulacandin B

glucopyranose-1,2-cyclic phosphate
(RN) 64161-84-8
(SY) G-1,2-CP
(SY) glucose-1,2-cyclic phosphate
(HM) *GLUCOSEPHOSPHATES
(PA) PHOSPHORYLASE B/antag

glucopyranosyl-(1-3)-deltonin
(SY) deltonin glucoside
(HM) *SPIROSTANS
(II) SAPONINS
(NO) oligospirostanoside from rhizomes of Dioscorea caucasica

N(4)-glucopyranosylsulfamethazine
(RN) 55101-26-3
(RR) 82801-83-0 ((alpha-D)-isomer)
(SY) N(4)-GPSM
(HM) SULFAMETHAZINE/*analogs
(NO) metabolite of sulfamethazine; RN given refers to beta-D-isomer

glucoreceptors see glucose receptor

D-glucosaminate dehydratase see aminodeoxygluconate dehydratase

glucosamine acetyltransferase
(RN) EC 2.3.1.3
(RR) 9032-94-4 (CRN)
(SY) acetyl-CoA-alpha-glucosaminide N-acetyltransferase
(HM) *ACETYLTRANSFERASES

glucosamine-phosphate acetyltransferase
(RN) EC 2.3.1.4
(RR) 9031-91-8 (CRN)
(HM) *ACETYLTRANSFERASES

glucosamine-6-phosphate deaminase see glucosaminephosphate isomerase

glucosaminephosphate isomerase
(RN) EC 5.3.1.10
(RR) 9013-10-9 (CRN)
(SY) glucosamine-6-phosphate deaminase
(HM) *CARBOHYDRATE ISOMERASES

glucosamine 1-phosphate
(RN) 2152-75-2
(HM) GLUCOSAMINE/*analogs

glucosamine 6-phosphate
(RN) 3616-42-0
(RR) 70442-23-8 (mono-Na salt)
(RR) 13012-65-2 (di-Na salt)
(HM) GLUCOSAMINE/*analogs
(HM) *GLUCOSEPHOSPHATES
(NO) RN given refers to parent cpd

glucosaminic acid
(RN) 6165-14-6
(RR) 3646-68-2 ((D)-isomer)
(SY) D-glucosaminic acid
(HM) GLUCOSAMINE/*analogs
(NO) RN given refers to cpd with unspecified isomeric designation

D-glucosaminic acid see glucosaminic acid

glucosaminitol see 2-amino-2-deoxyglucitol

glucosaminoglycans
(HM) *GLYCOSAMINOGLYCANS

glucosaminyl beta-lactoglobulin
(SY) G-b-LG
(HM) *LACTOGLOBULINS

glucoscan see technetium Tc 99m gluceptate

glucose bisphosphatase see glucose 1,6-diphosphate phosphatase

glucose 1,6-bisphosphatase see glucose 1,6-diphosphate phosphatase

glucose 1,6-bisphosphate synthase
(RN) EC 2.7.1.106
(HM) *PHOSPHOTRANSFERASES
(NO) glycerate-1,3-P(2) + glucose -1-P yields glycerate-P + glucose-1,6-P(2)

glucose 1,6-bisphosphate
(RN) 10139-18-1
(SY) glucose-1,6-diphosphate
(SY) glucose 1,6-diphosphate
(HM) *GLUCOSEPHOSPHATES

glucose-1,2-cyclic phosphate see glucopyranose-1,2-cyclic phosphate

glucose dehydrogenase
(RN) EC 1.1.1.47
(RR) 9028-53-9 (CRN)
(HM) *GLUCOSE DEHYDROGENASES

D-Glucose, O-4,6-dideoxy-4-((2,3,4,6-tetrahydroxy-5-(hydroxymethyl)cyclohexyl)amino)-alpha-D-glucopyranosyl-(1-4)-O-alpha-D-glucopyranosyl-(1-4)-O-alpha-D-glucopyranosyl-(1-4)-O-alpha-D-glucopyranosyl-(1-4)-, (1S-(1alpha,2alpha,3beta,4alpha,5beta,6beta))- see oligostatin D

glucose 1,6-diphosphate phosphatase
(RN) EC 3.1.3.-
(SY) Glc-1,6-P(2) phosphatase
(SY) glucose bisphosphatase
(SY) glucose 1,6-bisphosphatase
(HM) *PHOSPHOMONOESTERASES

glucose 1,6-diphosphate see glucose 1,6-bisphosphate

glucose-1,6-diphosphate see glucose 1,6-bisphosphate

glucose-insulin-potassium cardioplegic solution
(SY) glucose-insulin-potassium substrate
(SY) GIKCS
(SY) GIK solution
(HM) *GLUCOSE
(HM) *INSULIN
(HM) *POTASSIUM
(II) HEART ARREST, INDUCED
(NO) cardioplegic solution used during myocardial revascularization

glucose-insulin-potassium substrate see glucose-insulin-potassium cardioplegic solution

glucose isomerase see xylose isomerase

glucose-1-(1-naphthalene)acetate
(RN) 40681-78-5
(SY) beta-D-glucose 1-(1-naphthalene)acetate
(HM) *NAPHTHALENEACETIC ACIDS
(NO) RN given refers to (beta-D)-isomer

glucose peroxidase
(RN) EC 1.11.1.-
(HM) *PEROXIDASES

glucose-1-phosphate adenylyltransferase
(RN) EC 2.7.7.27
(RR) 9027-71-8 (CRN)
(SY) ADPG synthetase
(SY) ADPglucose pyrophosphorylase
(SY) ADP-glucose synthetase
(HM) *NUCLEOTIDYLTRANSFERASES

glucose-1-phosphate kinase see phosphoglucokinase

glucose-1-phosphate phosphodismutase
(RN) EC 2.7.1.41
(SY) glucose-1-phosphate transphosphorylase
(HM) *PHOSPHOTRANSFERASES

glucose-6-phosphate translocase
(RN) EC 2.7.-
(SY) glucose-6-P translocase
(HM) *PHOSPHOTRANSFERASES
(NO) a component of EC 3.1.3.9 which transports glucose phosphate into endoplasmic reticulum

glucose-1-phosphate transphosphorylase see glucose-1-phosphate phosphodismutase

glucose-1-phosphate
(RN) 59-56-3
(RR) 68901-12-2 (Pb salt)
(RR) 56401-20-8 (di-Na salt)
(RR) 32972-46-6 (di-Na salt(D-Glc)-isomer)
(RR) 29732-59-0 (di-K salt(D-Glc)-isomer)
(RR) 17364-14-6 (unspecified Na salt(D-Glc)-isomer)
(RR) 14048-34-1 ((beta-D-Glc)-isomer)
(RR) 6997-09-7 (mono-Ca salt)
(RR) 6736-77-2 (di-K salt)
(RR) 77280-79-6 ((D-Glc)-isomer)
(SY) alpha-glucose-1-phosphate
(SY) beta-glucose-1-phosphate
(HM) *GLUCOSEPHOSPHATES
(NO) RN given refers to (alpha-D-Glc)-isomer; RN for cpd without isomeric designation not in Chemlin 8/83

glucose-6-phosphate
(RN) 56-73-5
(RR) 299-31-0 (duplicate RN)
(RR) 15209-11-7 ((alpha-D-Glc)-isomer)
(RR) 15209-12-8 ((beta-D-Glc)-isomer)
(RR) 54010-71-8 (mono-Na salt)
(RR) 34378-76-2 (unspecified Mg salt)
(RR) 15912-94-4 (Ca[1:1] salt)
(RR) 6810-04-4 (Mg[1:1] salt)
(RR) 5996-17-8 (di-K salt)
(RR) 5996-16-7 (Ba[1:1] salt)
(RR) 5720-38-7 (1-(14)C-labeled cpd)
(RR) 3671-99-6 (di-Na salt)
(RR) 69937-50-4 (14C-labeled cpd)
(HM) *GLUCOSEPHOSPHATES
(NO) RN given refers to (D-Glc)-isomer; RN for cpd without isomeric designation not in Chemline 8/83

glucose polymer mixture X-2616 see X 2616

glucose receptor
(SY) glucoreceptors
(SY) glucose receptors
(SY) receptor, glucose
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) GLUCOSE

glucose receptors see glucose receptor

glucose-regulated proteins
(HM) *MEMBRANE PROTEINS
(NO) produced in chick embryo fibroblast cultures deprived of glucose; increases in transformed cells

glucose-specific enzyme III see factor III(Glc)

glucose tetrasaccharide
(RN) 35175-16-7
(SY) (Glc)4
(SY) Glc alpha 1-6 Glc alpha 1-4 Glc alpha 1-4 Glc
(HM) *OLIGOSACCHARIDES
(NO) urinary tetrasaccharide

glucose tolerance factor
(HM) *CHROMIUM
(HM) *AMINO ACIDS
(HM) *NICOTINIC ACIDS
(NO) organic cpd of low molecular wt (400-600); good source Saccharomyces cerevisiae; contains amino acids, trivalent chromium & nicotinic acid; chromium necessary; may be natural or synthetic

glucose-6-P translocase see glucose-6-phosphate translocase

glucose utilization inhibitor
(SY) IGU
(SY) inhibitor, glucose utilization
(HM) *PEPTIDES
(PA) GLUCOSE/antag

glucose-6-vanadate
(SY) G-6-VAN
(HM) GLUCOSE/*analogs
(HM) *VANADIUM

glucosidase I
(RN) EC 3.2.1.-
(SY) alpha-1,2-glucosidase
(HM) *ALPHA GLUCOSIDASES
(NO) high specificity for hydrolysis of terminal (alpha -1,2)-linked glucose residue of glycoprotein oligosaccharides

glucosidase II see 4-nitrophenyl-alpha-glucosidase

glucosilsteviol
(HM) *DITERPENES
(NO) sophorose moiety of steviol replaced by glucose; structure given in first source

glucosone
(RN) 26345-59-5
(RR) 1854-25-7 ((D)-isomer
(SY) D-arabino-2-hexosulose
(SY) arabino-hexosulose
(HM) *KETOSES
(PA) MUTAGENS
(NO) RN given refers to cpd with unspecified isomeric designation

glucosteroid response modifying factor see concanavalin A-induced helper factors

glucosulfone
(RN) 551-89-3
(RR) 554-18-7 (di-Na salt)
(SY) promin
(HM) DAPSONE/*analogs
(PA) ANTITUBERCULAR AGENTS
(NO) RN given refers to parent cpd; synonym promin refers to di-Na salt

glucosyl (1-4) N-acetylglucosamine
(RN) 85441-65-2
(SY) Glu(1-4)GlnAc
(HM) *DISACCHARIDES
(NO) found in Bacillus coagulans

glucosylated blood proteins see glucosylated serum protein

glucosylated collagen see glycosylated collagen

glucosylated hemoglobin A
(SY) hemoglobin A, glucosylated
(HM) HEMOGLOBIN A, GLYCOSYLATED/*analogs
(NO) serves as a sensitive, short-term integrator of blood glucose homeostasis in diabetes; see also glycosylated hemoglobin

glucosylated LDL see glycosylated lipoproteins, LDL

glucosylated serum albumin
(HM) *SERUM ALBUMIN
(NO) serves as a sensitive, short-term integrator of blood glucose homeostasis in diabetes; see also recored for glycosylated serum albumin

glucosylated serum protein
(SY) glucosylated blood proteins
(SY) serum protein, glucosylated
(HM) *BLOOD PROTEINS
(NO) serve as a sensitive, short-term integrator of blood glucose homeostasis in diabetes; see also glycosylated hemoglobins; see also record for glycosylated serum protein

glucosyl diacylglycerol
(SY) monoglucosyl diacylglycerol
(SY) monoglucosyl diglyceride
(HM) *GLYCOLIPIDS

glucosyl fluoride
(RN) 2106-10-7
(RR) 7617-95-0 ((beta-D)-isomer)
(SY) alpha-D-glucopyranosyl fluoride
(SY) beta-D-glucopyranosyl fluoride
(HM) GLUCOSE/*analogs
(NO) RN given refers to (alpha-D)-isomer; RN for cpd without isomeric designation not in Chemline 8/83

glucosylgalactosylhydroxylysine
(RN) 32448-35-4
(SY) 1,2 alpha-glucosylgalactosyl-O-hydroxylysine
(HM) HYDROXYLYSINE/*analogs
(NO) from sponge & sea anemone collagen

glucosyl-galactosyl-hydroxylysine glucohydrolase
(RN) EC 3.2.1.-
(SY) collagen disaccharide alpha-glucosidase
(SY) Glu-Gla-OH-Lys-glucohydrolase
(HM) *ALPHA-GLUCOSIDASES

glucosylphosphoryldolicholbeta-D-Glucopyranose, 1- ester with dolichol dihydrogen phosphate see dolichol-D-glucosylmonophosphate

glucosyl psychosine see sphingosyl beta-glucoside

glucosyl sphingosine see sphingosyl beta-glucoside

glucosylurea
(RN) 5962-14-1
(RR) 33204-32-9 ((beta-D-Glc)-isomer)
(SY) glucosyl urea
(HM) UREA/*analogs
(HM) GLUCOSE/*analogs
(NO) RN given refers to (D-Glc)-isomer; RN for cpd without isomeric designation not in Chemline 8/83

glucosyl urea see glucosylurea

glucoxylan see xyloglucan

gluculase
(RN) EC 3.-
(HM) *HYDROLASES
(NO) snail gut juice which degrades cell walls; no other information available 6/84

glucuronate see glucuronic acid

glucuronate isomerase
(RN) EC 5.3.1.12
(RR) 9023-87-4 (CRN)
(SY) uronic isomerase
(SY) uronic acid isomerase
(HM) *CARBOHYDRATE ISOMERASES

glucuronate reductase
(RN) EC 1.1.1.19
(RR) 9028-29-9 (CRN)
(SY) glucuronoreductase
(SY) hexonate dehydrogenase
(HM) *CARBOHYDRATE DEHYDROGENASES
(NO) alpha-1-6 in the presence of alpha-1, 3 glucosidic linkages; text

glucuronate 2-sulfatase
(RN) EC 3.1.6.-
(SY) glucurono-2-sulfatase
(HM) *SULFATASES
(NO) does not act on iduronate-2-sulfate

glucuronate 2-sulfate see glucuronic acid 2-sulfate

glucuronic acid
(RN) 576-37-4
(RR) 22163-21-9 (mono-K salt(D)-isomer)
(RR) 21598-11-8 (unspecified K salt(D)-isomer)
(RR) 16977-55-2 (unspecified Na salt(D)-isomer)
(RR) 15086-22-3 (Ca[2:1] salt(D)-isomer)
(RR) 14984-34-0 (mono-Na salt(D)-isomer)
(RR) 10587-95-8 (mono-K salt)
(RR) 10048-73-4 (6-(14)C-labeled cpd (D)-isomer)
(RR) 6556-12-3 ((D)-isomer)
(RR) 4934-42-3 (mono-Na salt(alpha-D-glucopyranuronic)-isomer)
(RR) 70021-34-0 ((alpha-D-glucopyranuronic)-isomer)
(RR) 24016-65-7 (mono-Na salt(D-glucopyranuronic)-isomer)
(RR) 528-16-5 ((D-glucopyranuronic)-isomer)
(SY) potassium glucuronate
(SY) glucuronate
(HM) *GLUCURONATES
(NO) RN given refers to parent cpd with unspecified isomeric designation

glucuronic acid conjugates of bilirubin see bilirubin glucuronate

glucuronic acid, gamma-lactone see glucuronolactone

glucuronic acid 2-sulfate
(SY) glucuronate 2-sulfate
(HM) *GLUCURONATES

glucuronolactonase see uronolactonase

glucuronolactone
(RN) 32449-92-6
(RR) 23784-13-6 (6-(14)C-labeled cpd)
(SY) glucuronic acid, gamma-lactone
(HM) *GLUCURONATES
(NO) RN given refers to (D)-isomer; RN for cpd without isomeric designation not in Chemline 8/83

glucuronolactone reductase
(RN) EC 1.1.1.20
(RR) 9028-30-2 (CRN)
(SY) NADP L-hexanoate dehydrogenase
(HM) *CARBOHYDRATE DEHYDROGENASES

glucuronoreductase see glucuronate reductase

glucurono-2-sulfatase see glucuronate 2-sulfatase

glucuronosyl(1-4)-rhamnose
(RN) 84366-53-0
(SY) glucuronyl-rhamnose
(HM) *DISACCHARIDES

glucuronoxylan
(HM) *XYLANS

glucuronyl glucosamine glycan sulfate
(RN) 58915-48-3
(SY) vessel (polysaccharide)
(SY) glucuronyl glucosaminoglycan sulfate
(SY) Vessel
(SY) 3GS
(SY) 3 GS
(SY) glucuronylglucosaminoglycan sulfate
(SY) sulodexide
(HM) *GLYCOSAMINOGLYCANS
(PA) ANTILIPEMIC AGENTS

glucuronyl glucosaminoglycan sulfate see glucuronyl glucosamine glycan sulfate

glucuronylglucosaminoglycan sulfate see glucuronyl glucosamine glycan sulfate

glucuronyl-rhamnose see glucuronosyl(1-4)-rhamnose

gludiase see glybuzole

Glu-DNDPS-SL(5) see 4-(glutamo)-4'-((1-oxy-2,2,5,5-tetramethyl-3-pyrrolidinyl)amino)-3,3'-dinitrophenyl sulfone

Glu2-EPE see diglutamylphosphatidlyethanolamine dihexadecyl ether

glugicire see tsolipk 7b

Glu-Glu-OH-Lys-glucohydrolase see glucosyl-galactosyl-hydroxylysine glucohydrolase

Glu(1-4)GlnAc see glucosyl (1-4) N-acetylglucosamine

Glu-Glu-Glu-Glu-Tyr-Met-Pro-Met-Glu see glutamyl-glutamyl-glutamyl-glutamyl-tyrosyl-methionyl-prolyl-methionyl-glutamic acid

Glu-Glu-Glu-Glu-Tyr-Pro-Met-Glu see MT Peptide

Glu-Gly-Arg-p-NA see glutamyl-glycyl-arginine-4-nitroanilide

Glu-Gly-Lys-Arg-Pro-Trp-Ile-Leu see xenopsin

p-Glu-Leu-Asn-Phe-Ser-Pro-Gly-Trp-amide see red pigment-concentrating hormone

Glu-Leu-Thr-Phe-Thr-Pro-Asn-Trp-NH2 see glutamyl-leucyl-threonyl-phenylalanyl-threonyl-prolyl-asparaginyl-tryptophanamide

Glu-Leu-Tyr-Leu-Gln-Ser-Leu-Thr see thymopoietin(38-45)

Glu-Lys-Ala terpolymer see glutamic acid-lysine-alanine polymer

Glu-Lys-Phe-terpolymer see poly(Glu(56)-Lys(35)-Phe(9))n

Gluma
(RN) 95918-03-9
(HM) *POLYMETHACRYLIC ACIDS
(HM) *GLUTARALDEHYDE
(II) DENTAL CEMENTS
(II) COMPOSITE RESINS
(NO) bonding agent; aqueous solution of hydroxyethylmethacrylate & glutaraldehyde

p(Glu(5)-MePhe(8)-Sar(9)-substance P see substance P, pGlu(5)-MePhe(8)-Sar(9)-

Glu-NA see glutamic acid beta-naphthylamide

glunicate
(RN) 80763-86-6
(SY) LG-13979
(SY) 2-(3-pyridinecarbonylamino)-2-deoxyglucose tetra-3-pyridinecarboxylate
(SY) LG 13979
(HM) NICOTINAMIDE/*analogs
(NO) structure in first source

Glu P-1 see Glu-P-1

Glu-P-1
(RN) 67730-11-4
(SY) 2-amino-6-methyldipyrido(1,2-a-3',2'-d)imidazole
(SY) Glu P-1
(HM) *IMIDAZOLES
(PA) MUTAGENS
(NO) structure

Glu P-2 see Glu-P-2

Glu-P-2
(RN) 67730-10-3
(RR) 68739-13-9 (mono-HBr)
(SY) 2-aminodipyridoimidazole
(SY) 2-aminodipyrido(1,2-a-3',2'-d)imidazole
(SY) Glu P-2
(HM) *IMIDAZOLES
(PA) MUTAGENS
(PA) CARCINOGENS
(NO) RN given refers to parent cpd

glurenorm see gliquidone

Glu-R-S-P see glutamyl ribose 5-phosphate

glusulase
(HM) *GLUCURONIDASE
(HM) *SULFATASES
(HM) MULTIENZYME COMPLEXES
(NO) consists of beta-glucuronidase and sulfatase; from snails

glutaconate see glutaconic acid

glutaconic acid
(RN) 1724-02-3
(RR) 4950-62-3 (ion(2-))
(RR) 52003-66-4 (unspecified Cu salt)
(RR) 628-48-8 ((E)-isomer)
(SY) glutaconate
(HM) *GLUTARATES
(NO) RN given refers to parent cpd without isomeric designation; structure

glutaconyl CoA decarboxylase
(RN) EC 4.1.1.-
(HM) *CARBOXY-LYASES
(NO) forms crotonyl CoA

D-glutamate see glutamic acid

glutamate see glutamic acid

glutamate acetyltransferase
(RN) EC 2.3.1.35
(RR) 37257-14-0 (CRN)
(SY) ornithine acetyltransferase
(SY) GATase
(SY) acetylornithine glutamate acetyltransferase
(HM) *ACETYLTRANSFERASES

glutamate-binding proteins see glutamate receptor

glutamate carboxylase see glutamyl carboxylase

glutamate dehydrogenase (NADP+)
(RN) EC 1.4.1.4
(RR) 9029-11-2 (CRN)
(SY) NADP-specific glutamate dehydrogenase
(HM) *GLUTAMATE DEHYDROGENASE

L-glutamate diethylester see glutamic acid diethyl ester

glutamate dimethyl ester see glutamic acid dimethyl ester

glutamate formiminotransferase
(RN) EC 2.1.2.5
(RR) 9032-83-1 (CRN)
(SY) formimino-L-glutamate tetrahydrofolate 5-formiminotransferase
(SY) formimino transferase
(SY) formiminotetrahydrofolate transferase
(SY) glutamate formyltransferase
(HM) *TRANSFERASES
(NO) also catalyzes formyl transfer from 5-formyltetrahydrofolate to L-glutamate (reaction formerly listed as EC 2.1.2.6)

glutamate formyltransferase see glutamate formiminotransferase

glutamate-glyoxylate aminotransferase
(RN) EC 2.6.1.-
(HM) *AMINOTRANSFERASES

glutamate kinase
(RN) EC 2.7.2.11
(RR) 54596-30-4 (CRN)
(SY) gamma-glutamyl kinase
(SY) ATP L-glutamate 5-phosphotransferase
(HM) *PHOSPHOTRANSFERASES, ATP

glutamate-preferring receptors see glutamate receptor

glutamate receptor
(SY) glutamate receptors
(SY) receptor, glutamate
(SY) glutamate-preferring receptors
(SY) glutamate-binding proteins
(HM) *SYNAPTIC RECEPTORS
(II) GLUTAMATES

glutamate receptors see glutamate receptor

glutamate-semialdehyde dehydrogenase
(RN) EC 1.2.1.41
(SY) gamma-glutamylphosphate reductase
(SY) gamma-glutamyl phosphate reductase
(HM) *ALDEHYDE OXIDOREDUCTASES

glutamate-sodium carrier see sodium-glutamate cotransporter

glutamate synthase (ferredoxin)
(RN) EC 1.4.7.1
(RR) 62213-56-3 (CRN)
(SY) ferredoxin-dependent glutamate synthase
(HM) *AMINO ACID OXIDOREDUCTASES

glutamate translocase
(RN) 70025-48-8
(HM) GLUTAMATES/*metab
(II) BIOLOGICAL TRANSPORT

glutamic acid
(RN) 56-86-0
(RR) 83592-20-5 (5-(11)C-labeled cpd)
(RR) 83592-19-2 (1-(11)C-labeled cpd)
(RR) 64407-99-4 (Mg[1:1] salt)
(RR) 55695-80-2 (mono-Li salt)
(RR) 52458-30-7 (13N-labeled cpd)
(RR) 50610-37-2 (mono-Na salt carbonate[2:1])
(RR) 25677-11-6 (unspecified NH4 salt)
(RR) 24595-14-0 (unspecified K salt)
(RR) 24016-48-6 (5-(14)C-labeled cpd)
(RR) 24016-47-5 (1-(14)C-labeled cpd)
(RR) 23009-64-5 (14C-labeled cpd)
(RR) 19473-49-5 (mono-K salt)
(RR) 19238-49-4 (unspecified Ca salt)
(RR) 17173-47-6 (Ca[1:1] salt)
(RR) 16690-92-9 (di-Na salt)
(RR) 16177-21-2 (unspecified Na salt)
(RR) 13552-27-7 (2-(14)C-labeled cpd)
(RR) 10366-72-0 (di-NH4 salt)
(RR) 7558-63-6 (mono-NH4 salt)
(RR) 138-15-8 (unspecified HCl)
(RR) 6893-26-1 ((D)-isomer)
(RR) 32342-59-9 (unspecified Na salt(D)-isomer)
(RR) 28223-73-6 (di-Na salt(D)-isomer)
(RR) 15383-53-6 (mono-Na salt(D)-isomer)
(RR) 617-65-2 ((DL)-isomer)
(RR) 32221-81-1 (mono-Na salt(DL)-isomer)
(RR) 15767-75-6 (unspecified HCl(DL)-isomer)
(RR) 4219-88-9 (3,4-(14)C-labeled cpd (DL)-isomer)
(RR) 4219-86-7 (5-(14)C-labeled cpd (DL)-isomer)
(RR) 4219-85-6 (4-(14)C-labeled cpd (DL)-isomer)
(RR) 4219-84-5 (3-(14)C-labeled cpd (DL)-isomer)
(RR) 4219-83-4 (2-(14)C-labeled cpd (DL)-isomer)
(RR) 4219-82-3 (1-(14)C-labeled cpd (DL)-isomer)
(RR) 149-65-5 (di-Na salt(DL)-isomer)
(RR) 5231-55-0 (1-(14)C-labeled cpd without isomeric designation)
(RR) 2782-29-8 (duplicate RN for 14C-labeled cpd (L)-isomer)
(RR) 54262-86-1 (HBr)
(RR) 25677-11-6 (unspecified NH4 salt)
(SY) glutamate
(SY) potassium glutamate
(SY) D-glutamate
(HM) *GLUTAMATES
(NO) RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 8/83; all RRs refers to (L)-isomer unless otherwise noted

glutamic acid-alanine-tyrosine terpolymer see GAT

L-glutamic acid(60)-L-alanine(30)-L-tyrosine(10) see GAT

glutamic acid (60)-alanine (40) see poly(glutamic acid-alanine)

glutamic acid beta-naphthylamide
(SY) Glu-NA
(HM) *GLUTAMATES

glutamic acid diethyl ester
(RN) 16450-41-2
(RR) 1118-89-4 (HCl)
(RR) 1001-19-0 (HCl(D)-isomer)
(SY) L-glutamate diethylester
(HM) *GLUTAMATES
(PA) GLUTAMATES/antag
(PA) ANTICONVULSANTS
(NO) glutamic acid antagonist; RN given refers to (L)-isomer; RN for parent cpd without isomeric designation not in Chemline 8/83

glutamic acid dimethyl ester
(RN) 6525-53-7
(RR) 23150-65-4 (HCl(L)-isomer)
(SY) dimethyl glutamate
(SY) glutamate dimethyl ester
(HM) *GLUTAMATES
(NO) RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 8/83

glutamic acid di-tert-butyl ester see di-tert-butyl glutamate

glutamic acid-5-ethyl glutamate copolymer
(RN) 29323-51-1
(HM) *POLYGLUTAMIC ACID/analogs
(II) BIOCOMPATIBLE MATERIALS
(II) DRUG IMPLANTS
(NO) RN given refers to all L-isomer; RN for cpd without isomeric designation not in Chemline 6/84; structure given in first source

L-glutamic acid-gamma-ethylamide see theanine

L-glutamic acid-gamma-hydrazide
(RN) 1820-73-1
(RR) 69637-76-9 (unspecified Na salt(L)-isomer)
(RR) 34271-53-9 ((DL)-isomer)
(SY) gamma-glutamylhydrazide
(SY) glutamic acid-gamma-semihydrazide
(HM) *GLUTAMATES
(NO) RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 7/84

glutamic acid gamma-semialdehyde
(RN) 496-92-4
(RR) 2886-91-1 ((L)-isomer)
(SY) gamma-glutamyl semialdehyde
(HM) *GLUTAMATES
(NO) straight-chain form of delta(1)-pyrroline-5-carboxylate; RN given refers to cpd with unspecified isomeric designation

glutamic acid-gamma-semihydrazide see L-glutamic acid-gamma-hydrazide

glutamic acid-lysine-alanine polymer
(RN) 27456-63-9
(RR) 74485-17-9 ((D-Glu-DL-Ala-L-Lys)-isomer)
(RR) 51750-98-2 ((L-Glu-DL-Ala-L-Lys)-isomer)
(SY) Glu-Lys-Ala terpolymer
(HM) *PEPTIDES
(NO) RN given refers to all L-isomer; RN for cpd without isomeric designation not in Chemline 3/85

glutamic acid (60)-lysine (40) copolymer see poly(glutamic acid-lysine)

glutamic acid-lysine-tyrosine terpolymer
(RN) 28675-46-9
(SY) poly(Glu(52)Lys(33)Tyr(15))
(HM) *PEPTIDES

glutamic acid-rich protein
(SY) micro glutamic acid protein
(HM) *NERVE TISSUE PROTEINS
(NO) from bovine brain; isoelectric point of 3.9; MW = 10,000; composed of very limited amino acid constituents; glutamic acid/glutamine accounted for 51% of the total amino acid composition

glutamic acid-tRNA see tRNA, glutamic acid-

glutamic acid -tRNA(glutamine) see tRNA(glutamine), glutamic acid-

L-glutamic acid-L-tyrosine copolymer
(RN) 31325-39-0
(SY) poly(L-glutamyl-L-tyrosine)
(SY) poly(Glu(50)Tyr(50))
(SY) poly (GT)
(HM) *PEPTIDES
(PA) IMMUNOSUPPRESSIVE AGENTS
(NO) synthetic polypeptide which has suppressive effect on delayed-type hypersensitivity

L-glutaminase-L-asparaginase see glutamin-(asparagin-)ase

glutamin-(asparagin-)ase
(RN) EC 3.5.1.38
(SY) L-glutaminase-L-asparaginase
(HM) *AMIDOHYDROLASES
(NO) catalyzes hydrolysis of both glutamine & asparagine with a ratio of glutaminase to asparaginase of 1.45:1.0

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glutamine alpha-ketoacid transaminase see glutamine oxo-acid aminotransferase

glutamine amidotransferase
(RN) EC 2.6.-
(HM) *TRANSFERASES

9-glutamine-beta-lipotropin see beta-lipotropin, Gln(9)-

glutamine-binding protein see glutamine transport protein

glutamine B(30)insulin see insulin, Gln (B30)-

8-glutamine-LHRH see LHRH, Gln(8)-

4-L-glutamine-neurotensin
(RN) 61445-54-3
(SY) Gln(4)neurotensin
(HM) NEUROTENSIN/*analogs
(NO) same pharmacological & physiological activity as neurotensin

glutamine oxo-acid aminotransferase
(RN) EC 2.6.1.15
(RR) 9030-44-8 (CRN)
(SY) glutamine alpha-ketoacid transaminase
(SY) glutamine transaminase
(HM) *AMINOTRANSFERASES

glutamine-24-PHI see PHI peptide-GLn-24

glutamine-synthetase adenylyltransferase
(RN) EC 2.7.7.42
(SY) adenylyl transferase
(SY) ATASE
(SY) ATP glutamine synthease adenylyltransferase
(HM) *NUCLEOTIDYLTRANSFERASES

glutamine transaminase see glutamine oxo-acid aminotransferase

glutamine transport protein
(SY) glutamine-binding protein
(HM) *CARRIER PROTEINS
(II) GLUTAMINE

glutamine-tRNA see tRNA, glutamine-

glutamine-tRNA-glutamic acid see tRNA(glutamine), glutamic acid-

8-glutaminyl-31-glycyl-beta-endorphin-glycyl- glycinamide see beta-endorphin, Gln(8),Gly(31)-Gly-Gly-NH2-

glutaminyl-tRNA see tRNA, glutamine-

glutaminyl-tRNA synthetase
(RN) EC 6.1.1.18
(RR) 9075-59-6 (CRN)
(HM) *AMINO ACYL T RNA SYNTHETASES

4-(glutamo)-4'-((1-oxy-2,2,5,5-tetramethyl-3-pyrrolidinyl)amino)-3,3'-dinitrophenyl sulfone
(RN) 92958-30-0
(SY) Glu-DNDPS-SL(5)
(HM) GLUTAMINE/*analogs
(HM) *SULFONES
(II) SPIN LABELS
(NO) RN & structure given in first source; RN refers to (L)-isomer; RN not in Chemline 4/85

glutamyl-p-aminobenzoic acid see 4-aminobenzoylglutamic acid

glutamyl-asparaginyl-prolyl-seryl-glutaminyl-phenylalanyl-tyrosyl-glutamyl-arginyl-leucyl-cysteinamide
(SY)
Glu-Asn-Pro-Ser-Gln-Phe-Tyr-Glu-Arg-Leu-Cys-NH2
(SY) syncytiotrophoblastic polypeptide
(SY) CGAPSGPTGAL
(HM) *OLIGOPEPTIDES
(NO) MW 75,000

glutamyl carboxylase
(RN) EC 6.4.-
(SY) vitamin K-dependent carboxylase
(SY) glutamate carboxylase
(SY) vitamin K dependent carboxylase
(SY) vitamin K-dependent gamma-glutamyl carboxylase
(SY) K-dependent carboxylase
(HM) *LIGASES
(NO) carboxylates glutamyl residues in a microsomal protein precursor of plasma prothrombin to form gamma-carboxyglutamic acid residues

glutamyl-glutamyl-glutamyl-glutamyl-tyrosyl-methionyl-prolyl-methionyl-glutamic acid
(RN) 82123-81-7
(SY) Glu-Glu-Glu-Glu-Tyr-Met-Pro-Met-Glu
(SY) GGGTMPMG
(HM) *OLIGOPEPTIDES
(HM) *PEPTIDE FRAGMENTS
(II) ANTIGENS, VIRAL, TUMOR
(NO) amino acid residue 311-319 from middle T antigen of polyoma

glutamyl-glutamyl-glutamyl-glutamyl-tyrosyl-prolyl-methionyl-glutamic acid see MT Peptide

glutamyl-glycyl-arginine-4-nitroanilide
(RN) 67615-71-8
(SY) Glu-Gly-Arg-p-NA
(SY) S 2227
(SY) chromogenic substrate S-2227
(HM) *OLIGOPEPTIDES
(II) CHROMOGENIC COMPOUNDS
(NO) chromogenic substrate for tissue plasminogen activator; RN given refers to all L-isomer; RN for cpd without isomeric designation not in Chemline 6/84

glutamyl-glycyl-lysyl-arginyl-prolyl-tryptophanyl-isoleucyl-leucyl see xenopsin

glutamyl-leucyl-threonyl-phenylalanyl-threonyl-prolyl-asparaginyl-tryptophanamide
(SY) Glu-Leu-Thr-Phe-Thr-Pro-Asn-Trp-NH2
(SY) GLTPTPAT amide
(HM) *NERVE TISSUE PROTEINS
(II) COCKROACHES

glutamyl ribose 5-phosphate
(RN) 89026-42-6
(SY) Glu-R-5-P
(HM) *RIBOSEMONOPHOSPHATES
(NO) from patient with lysosomal storage disease; from linkage region in ADP ribosylation of proteins

glutamyl-tRNA see tRNA, glutamic acid-

glutamyl-tRNA(glutaminyl) see tRNA(glutamine), glutamic acid-

glutamyl-valyl-asparaginyl-phenylalanyl-seryl-prolyl-asparaginyl-tryptophanamide
(SY) Glu-Val-Asn-Phe-Ser-Pro-Asn-Trp-NH2
(SY) GVAPSPAT amide
(HM) *NERVE TISSUE PROTEINS
(II) COCKROACHES

glutaredoxin
(HM) *PROTEINS
(II) BACTERIAL PROTEINS
(NO) required for glutathione-dependent formation of deoxyribonucleotides by ribonucleotide reductase; from E coli and thymus

glutaric acid
(RN) 110-94-1
(RR) 76822-36-1 (ion(i-))
(RR) 52009-16-2 (unspecified Ca salt)
(RR) 52009-16-2 (unspecified Na salt)
(RR) 13521-83-0 (di-Na salt)
(RR) 7268-93-1 (Cu(2+) salt[1:1])
(RR) 3343-88-2 (mono-Na salt)
(HM) *GLUTARATES
(NO) RN given refers to parent cpd

glutarimide
(RN) 1121-89-7
(RR) 52009-18-4 (Ca salt)
(HM) *PIPERIDONES
(NO) RN given refers to parent cpd; structure

glutaryl-Ala-Ala-Ala-propylamide see glutaryl-alanyl-alanyl-alanyl-propylamide

glutaryl-Ala-Ala-Phe-2-NA see glutaryl-alanyl-alanyl-phenylalanine-2-naphthylamide

glutaryl-Ala-Ala-Pro-NH-ET see glutaryl-alanyl-alanyl-prolylethylamide

glutaryl-alanyl-alanyl-alanyl-ethylamide
(RN) 83808-35-9
(SY) glutaryl-trialanyl-ethylamide
(SY) Glt(Ala)(3)NHET
(SY) Glt-Ala-Ala-Ala-ethylamide
(HM) *OLIGOPEPTIDES
(PA) ELASTASE/antag

glutaryl-alanyl-alanyl-alanyl-propylamide
(RN) 83808-39-3
(SY) glutaryl-trialanyl-propylamide
(SY) Glt(Ala)(3)NHPr
(SY) glutaryl-Ala-Ala-Ala-propylamide
(HM) *OLIGOPEPTIDES
(PA) PANCREATOPEPTIDASE/antag
(NO) elastase inhibitor

glutaryl-alanyl-alanyl-phenylalanine-2-naphthylamide
(SY) glutaryl-Ala-Ala-Phe-2-NA
(SY) Glt-AAP-2-NA
(HM) *OLIGOPEPTIDES
(NO) substrate for thermolysin-like metalloendopeptidase

glutaryl-alanyl-alanyl-prolylethylamide
(RN) 83808-37-1
(SY) glutaryl-Ala-Ala-Pro-NH-ET
(HM) *OLIGOPEPTIDES
(PA) PANCREATOPEPTIDASE/antag
(NO) elastase inhibitor

glutaryl CoA see glutaryl-coenzyme A

glutaryl CoA dehydrogenase see glutaryl-coenzyme A dehydrogenase

glutaryl-CoA oxidase see glutaryl coenzyme A oxidase

glutaryl-coenzyme A
(RN) 3131-84-8
(SY) glutaryl CoA
(SY) coenzyme A, glutaryl-
(HM) *ACYL COENZYME A

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glutaryl-coenzyme A dehydrogenase
(RN) EC 1.3.99.7
(RR) 37255-38-2 (CRN)
(SY) glutaryl CoA dehydrogenase
(HM) *OXIDOREDUCTASES
(NO) glutaric aciduria may be due to deficiency of this enzyme

glutaryl coenzyme A oxidase
(RN) EC 1.3.3.-
(SY) glutaryl-CoA oxidase
(HM) *OXIDOREDUCTASES
(NO) in peroxisomes; forms hydrogen peroxide

glutaryl-trialanyl-ethylamide see glutaryl-alanyl-alanyl-alanyl-ethylamide

glutaryl-trialanyl-propylamide see glutaryl-alanyl-alanyl-alanyl-propylamide

glutathione-S-acetaminophen conjugate see 3-(glutathion-S-yl)acetaminophen

glutathione-bicarbonate-Ringer solution
(SY) GBRS
(SY) BSS plus
(HM) *GLUTATHIONE
(HM) *BICARBONATES
(HM) DRUG COMBINATIONS
(II) OPHTHALMIC SOLUTIONS
(II) ADENOSINE
(NO) protects corneal endothelial function & ultra during in vitro perfusion up to 6 hours; BSS plus contains reduced glutathione & no adenosine; structure

glutathione-CoA mixed disulfide see coenzyme A-glutathione mixed disulfide

glutathione-dehydroascorbate oxidoreductase see glutathione dehydrogenase (ascorbate)

glutathione dehydrogenase (ascorbate)
(RN) EC 1.8.5.1
(RR) 9026-38-4 (CRN)
(SY) glutathione-dehydroascorbate oxidoreductase
(SY) dehydroascorbate reductase
(HM) *OXIDOREDUCTASES
(II) DEHYDROASCORBIC ACID

glutathione disulfide
(RN) 27025-41-8
(RR) 40055-98-9 (ion(1-))
(SY) GSSG
(SY) glutathione, oxidized
(SY) oxidized glutathione
(HM) GLUTATHIONE/*analogs
(NO) RN given refers to parent cpd

glutathione-disulfide oxidoreductase see thioltransferase

glutathionedopa see glutathionyldopa

5-S-glutathionedopa see glutathionyldopa

glutathione hexane maleimide
(SY) GHMD
(HM) *MALEIMIDES
(II) SULFHYDRYL REAGENTS

glutathione maleimide
(SY) GS-Mal
(HM) *MALEIMIDES
(II) SULFHYDRYL REAGENTS

glutathione monoethyl ester see S-ethylglutathione

glutathione oxidase
(RN) EC 1.8.4.-
(SY) renal thiol oxidase
(SY) renal sulfhydryl oxidase
(SY) intestinal thiol oxidase
(HM) *OXIDOREDUCTASES
(NO) oxygen-dependent conversion of glutathione to glutathione disulfide

glutathione, oxidized see glutathione disulfide

glutathione peroxidase II
(RN) EC 1.11.1.-
(HM) *PEROXIDASES
(NO) does not contain Se; smaller than EC 1.11.1.9; mol wt 40,000-43,000; associated with glutathione S-transferase peaks aa & aa'

glutathione receptor
(SY) receptor, glutathione
(SY) glutathione receptors
(SY) GSH receptor
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES

glutathione receptors see glutathione receptor

glutathione-sulfobromophthalein conjugate see sulfobromophthalein-glutathione conjugate

glutathione sulfonate
(RN) 1637-70-3
(HM) GLUTATHIONE/*analogs

3-(glutathion-S-yl)acetaminophen
(RN) 64889-81-2
(RR) 79032-41-0 (mono-K salt)
(SY) 3-GSH-acetaminophen
(SY) glutathione-S-acetaminophen conjugate
(SY) AA-glutathion
(SY) AA-GSH
(SY) acetaminophen glutathion
(HM) ACETAMINOPHEN/*analogs
(NO) biliary metabolite of acetaminophen; RN given refers to parent cpd

6-(glutathion-S-yl)-4-bromocatechol
(SY) 6-GBC
(HM) *CATECHOLS
(HM) GLUTATHIONE/*analogs
(NO) microsomal metabolite of 4-bromophenol; structure given in first source

glutathionyldopa
(RN) 55136-58-8
(SY) 5-S-glutathionedopa
(SY) glutathionedopa
(HM) *CYSTEINYLDOPA/analogs
(NO) glutathione metabolite; precursor of cysteinyldopa

2-(S-glutathionyl)hydroquinone
(RN) 76726-99-3
(SY) HQ-SG
(HM) GLUTATHIONE/*analogs

glutaurin
(RN) 56488-60-9
(RR) 80267-15-8 ((D)-isomer)
(SY) Litoralon
(SY) gamma-L-glutamyltaurine
(SY) glautaurine
(SY) glutaurine
(SY) gamma-L-glutamyl-taurine
(HM) TAURINE/*analogs
(HM) GLUTAMINE/*analogs
(II) PARATHYROID HORMONES
(NO) recently detected hormone of parathyroid gland; structure; RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 7/84

glutaurine see glutaurin

glutenin
(HM) *PLANT PROTEINS
(II) WHEAT
(NO) [illegible] amino acid protein present in wheat flour

Glu-tRNA see tRNA, glutamic acid-

Glu-tRNA(Gln) see tRNA(glutamine), glutamic acid-

Glu-Trp-Pro-Arg-Pro-Glu-Ile-Pro-Pro-OH see angiotensin II converting enzyme inhibitor

Glu-Val-Asn-Phe-Ser-Pro-Asn-Trp-NH2 see glutamyl-valyl-asparaginyl-phenylalanyl-seryl-prolyl-asparaginyl-tryptophanamide

Gly-Asn-His-Trp-Ala-Val-Gly-His-Leu-Met-NH2 see neuromedin C

Gly-Asn-Leu-Trp-Ala-Thr-Gly-His-Phe-Met-NH2 see neuromedin B

glybuzole
(RN) 1492-02-0
(SY) desaglybuzole
(SY) gludiase
(HM) *SULFONAMIDES
(PA) ANTIDIABETICS
(NO) structure

glycamide see glycarbylamide

glycanase
(RN) EC 3.2.1.-
(HM) *GLYCOSIDE HYDROLASES
(NO) catalyzes hydrolysis of beta-D-glucosido-(1-73)-D-glucuronic acid link in capsular glycan of Klebsiella bacteriophage No. 11.

glycan polymerase see peptidoglycan transglycosylase

glycarbylamide
(RN) 83-39-6
(SY) glycamide
(HM) *IMIDAZOLES
(PA) ANTIPROTOZOAL AGENTS
(PA) COCCIDIOSTATS

glycated fibronectin see fibronectin, glycosylated

glyceollin
(RN) 57103-57-8
(HM) *BENZOPYRANS
(II) PLANT EXTRACTS
(NO) found in plants; structure

glyceraldehyde kinase see triokinase

glyceraldehyde reductase
(RN) EC 1.1.1.-
(HM) *SUGAR ALCOHOL DEHYDROGENASES

glycerate 1,3-biphosphate
(RN) 1981-49-3
(SY) 1,3-diphosphoglycerate
(SY) 1,3-biphosphoglyceric acid
(HM) *DIPHOSPHOGLYCERIC ACIDS

glycerate 2,3-bisphosphate see 2,3-diphosphoglycerate

glycerate dehydrogenase
(RN) EC 1.1.1.29
(RR) 9028-37-9 (CRN)
(HM) *CARBOHYDRATE DEHYDROGENASES

glycerate kinase
(RN) EC 2.7.1.31
(RR) 9026-61-3 (CRN)
(HM) *PHOSPHOTRANSFERASES, ATP

glycerate-2,3-P2 phosphatase see bisphosphoglycerate phosphatase

glycerate-2,3-P2 synthase see bisphosphoglycerate phosphatase

glyceric acid
(RN) 473-81-4
(RR) 43110-90-3 (mono-K salt)
(RR) 28305-26-2 ((S)-isomer)
(RR) 6000-40-4 ((R)-isomer)
(RR) 600-19-1 ((+-)-isomer)
(HM) *GLYCERIC ACIDS
(NO) found in urine of patient with D-glyceric acidemia & hyperglycinaemia; RN given refers to parent cpd without isomeric designation

glycerinformale see glycerol formal

D-glycero-D-altro-octulose 1,8-bisphosphate
(RN) 16656-02-3
(HM) *SUGAR PHOSPHATES
(HM) *KETOSES

1-(1-glycero)dodeca-1,3,5,7,9-pentaene
(RN) 84000-59-9
(SY) GDPE
(SY) fecapentaene-12
(HM) *POLYENES
(PA) MUTAGENS
(NO) fecapentaene mutagen of bacterial origin from human feces; structure given in first source

glyceroglucolipids
(HM) *GLYCOLIPIDS

D-glycero-D-ido-octulose 1,8-bisphosphate
(RN) 70005-40-2
(HM) *SUGAR PHOSPHATES

glycerol 1-2 cyclic phosphate
(RN) 5695-96-5
(HM) *GLYCEROPHOSPHATES

glycerol 2,3-cyclic phosphorothioate
(SY) G-2,3-CPTT
(HM) *ORGANOPHOSPHORUS COMPOUNDS
(NO) structure given in first source

glycerol dehydratase
(RN) EC 4.2.1.30
(HM) *HYDRO-LYASES

glycerol dehydrogenase
(RN) EC 1.1.1.6
(RR) 9028-14-2 (CRN)
(SY) 1,2-propanediol dehydrogenase (NAD-linked)
(HM) *SUGAR ALCOHOL DEHYDROGENASES

glycerol 1,3-dichlorohydrin see 1,3-dichloro-2-propanol

glycerol dioleate see diolein

glycerol ether lipids
(HM) *LIPIDS
(HM) GLYCERIN/*analogs

glycerol formal
(RN) 5464-28-8
(SY) Sericosol N
(SY) glycerinformale
(HM) *DIOXOLANES
(II) TERATOGENS
(II) SOLVENTS
(NO) condensation product of glycerin & formaldehyde; teratogenic action

glycerol monolaurate see monolaurin

glycerol-1-monooctanoate see monooctanoin

glycerol monooleate see monoolein

glycerol oxidase
(RN) EC 1.1.3.-
(HM) *SUGAR ALCOHOL DEHYDROGENASES
(NO) oxidizes glycerol in the presence of oxygen to glyceraldehyde & hydrogen peroxide without the requirement of any exogenous cofactors; protoheme IX & copper are in prosthetic group

glycerol-3-phphate-CMP phosphatidyltransferase see glycerophosphate phosphatidyltransferase

glycerol-1-phosphatase
(RN) EC 3.1.3.21
(SY) glycerol-3-phosphatase
(HM) *PHOSPHOMONOESTERASES

glycerol-2-phosphatase
(RN) EC 3.1.3.19
(RR) 9027-39-8 (CRN)
(SY) beta-glycerophosphatase
(HM) *PHOSPHOMONOESTERASES

glycerol-3-phosphatase see glycerol-1-phosphatase

glycerol-3-phosphate-binding protein
(SY) sn-glycerol 3-phosphate-binding protein
(SY) G3PBP
(HM) *CARRIER PROTEINS
(II) GLYCEROPHOSPHATES

glycerol-3-phosphate cytidylyltransferase
(RN) EC 2.7.7.39
(SY) CDPglycerol pyrophosphorylase
(HM) *NUCLEOTIDYLTRANSFERASES

glycerol 3-phosphate dehydrogenase (NAD+)
(RN) EC 1.1.1.8
(RR) 9075-65-4 (CRN)
(HM) *GLYCEROLPHOSPHATE DEHYDROGENASE

glycerolphosphate oxidase see L-alpha-glycerol-phosphate oxidase

glycerol 1-phosphate see alpha-glycerophosphoric acid

glycerol 3-phosphate see alpha-glycerophosphoric acid

glycerol 3-phosphorothioate
(HM) *GLYCEROPHOSPHATES

L-glycero-D-manno-heptose
(RN) 4305-74-2
(RR) 1883-14-3 ((D-glycero-L-manno)-isomer)
(RR) 1961-73-5 ((D-glycero-D-manno)-isomer)
(SY) D-glycero-D-manno-heptose
(HM) *HEPTOSES
(NO) N1 same as NM; RN given refers to (L-glycero-D-manno)-isomer; RN for cpd without isomeric designation not in Chemline 8/83

D-glycero-D-manno-heptose see L-glycero-D-manno-heptose

glycerophosphate phosphatidyltransferase
(RN) EC 2.7.8.5
(RR) 9068-49-9 (CRN)
(SY) CDPdiglyceride-glycerol-3-phosphate phosphatidyltransferase
(SY) PGP synthetase
(SY) glycerol-3-phophate-CMP phosphatidyltransferase
(SY) phosphatidylglycerophosphate synthetase
(HM) *PHOSPHOTRANSFERASES

glycerophosphinicocholine diesterase see glycerophosphocholine phosphodiesterase

glycerophosphocholine phosphodiesterase
(RN) EC 3.1.4.2
(RR) 9025-85-8 (CRN)
(SY) glycerylphosphorylcholine diesterase
(SY) glycerophosphinicocholine diesterase
(HM) *PHOSPHODIESTERASES

glycerophosphodiester phosphodiesterase
(RN) EC 3.1.4.-
(SY) GPDE-phosphodiesterase
(HM) *PHOSPHODIESTERASES
(NO) E coli enzyme; acts on variety of substrates to give glycerol-3-phosphate plus an alcohol, such as ethanolamine, choline, glycerol or glycerophosphoglycerol

glycerophosphoethanolamine
(RN) 1190-00-7
(HM) *PHOSPHATIDYLETHANOLAMINES
(NO) additional RN in Chemline: 23919-24-6

glycerophospholipid-cholesterol acyltransferase
(RN) EC 2.3.1.-
(SY) G-CAT
(HM) *ACYLTRANSFERASES

2-glycerophosphoric acid see beta-glycerophosphoric acid

1-(1-glycero)tetradeca-1,3,5,7,9-pentaene
(RN) 84000-58-8
(SY) GTPE
(SY) fecapentaene-14
(HM) *POLYENES
(PA) MUTAGENS
(NO) fecapentaene mutagen of bacterial origin from human feces; structure given in first source

L-glycero-tetrulose see erythrulose

glycerotoxin
(HM) *NEUROTOXINS
(NO) from Glycera convoluta venom glands; MW 300,000; devoid of lipolytic & proteolytic activity

glycerylarachidonate see 1-arachidonyl monoglyceride

D-glyceryl beta-galactopyranoside see isofloridoside

glyceryl dinitrate see dinitroglycerol

glyceryl-ether monooxygenase
(RN) EC 1.14.16.5
(RR) 37256-82-9 (CRN)
(SY) alkylglycerolmonooxygenase
(SY) alkylglycerol cleavage enzyme (oxidative)
(HM) *HYDROXYLASES

glyceryl methyl methacrylate
(SY) GMMA
(HM) *METHYLMETHACRYLATES

glyceryl monoacetate see monoacetin

glyceryl monoarachidonate see 1-arachidonyl monoglyceride

glyceryl mononitrate see mononitroglycerol

glyceryl-1-monooctanoate see monooctanoin

glycerylmonooleate see monoolein

glyceryl monooleate see monoolein

glyceryl monothioglycolate
(RN) 30618-84-9
(HM) *GLYCERIDES
(II) ALLERGENS

glyceryl 1-octadecyl ether see batyl alcohol

glyceryl-1-palmityl ether see chimyl alcohol

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glycerylphosphorylcholine diesterase see glycerophosphocholine phosphodiesterase

glyceryltransferase see phosphatidylglycerol glyceryl transferase

glyceryl tributyrate see tributyrin

glyceryl tricaprylate see tricaprylin

glyceryl trimyristate see trimyristin

glyceryl trioleyl ether
(SY) trioleyl glyceryl ether
(HM) GLYCERIN/*analogs

glyceryl tripalmitate see tripalmitin

glycidaldehyde see glycinaldehyde

glycidic acid
(RN) 503-11-7
(SY) ethoxypropionic acid
(HM) *PROPIONIC ACIDS
(HM) *EPOXY COMPOUNDS
(NO) an inhibitor of glycolate synthesis; structure

glycidol
(RN) 556-52-5
(RR) 61915-27-3 ((+-)-isomer)
(RR) 57044-25-4 ((R)-isomer)
(SY) epihydrin alcohol
(HM) *EPOXY COMPOUNDS
(HM) ALCOHOL, PROPYL/*analogs
(II) SPERMATOGENESIS/drug eff
(NO) structure; RN given refers to parent cpd without isomeric designation

glycidonitrile see 2-cyanoethylene oxide

7-glycidoxycoumarin
(HM) *COUMARINS
(II) FLUORESCENT DYES
(NO) structure given in first source

glycidyl ethers
(HM) *EPOXY COMPOUNDS
(NO) structure

glycidyl methacrylate
(RN) 106-91-2
(SY) monomethacrylate propylene oxide
(SY) 2,3-epoxypropyl methacrylate
(SY) Sta-Lock
(HM) *EPOXY COMPOUNDS
(HM) *METHACRYLATES
(II) AIR POLLUTANTS, OCCUPATIONAL
(NO) RN given refers to monomer

glycidyl trimethylammonium
(RN) 3033-77-0
(SY) glycidyl trimethylammonium chloride
(SY) G-MAC
(HM) *AMMONIUM COMPOUNDS
(HM) *EPOXY COMPOUNDS
(NO) causes dermatitis on contact; structure given in first source; RN given refers to chloride; RN for parent cpd not in Chemline 5/85

glycidyl trimethylammonium chloride see glycidyl trimethylammonium

glycinaldehyde
(RN) 765-34-4
(SY) epihydrinaldehyde
(SY) glycidaldehyde
(HM) *ALDEHYDES
(HM) *EPOXY COMPOUNDS
(PA) CARCINOGENS
(NO) structure

glycinamide see glycine amide

Glycinamide, N,N-di-2-propenyl-L-tyrosyl-N-(2-((2-((1-carboxy-3-methylbutyl)amino)-2-oxo-1-(phenylmethyl) ethyl)thio)ethyl)- see ICI 154129

glycinamide ribonucleotide synthetase see phosphoribosyl-glycineamide synthetase

glycinamideribotide transformylase see phosphoribosyiglycinamide formyltransferase

glycine acetyltransferase
(RN) EC 2.3.1.29
(SY) aminoacetone synthase
(SY) 2-amino-3-oxobutyrate CoA ligase
(SY) aminoketobutyric acid ligase
(SY) AKB ligase
(HM) *ACETYLTRANSFERASES

glycine acyltransferase
(RN) EC 2.3.1.13
(RR) 9029-95-2 (CRN)
(HM) *ACYLTRANSFERASES

glycine-alanine polymers see poly(alanylglycine)

glycine amide
(RN) 598-41-4
(RR) 55264-42-1 (HBr)
(RR) 1668-10-6 (HCl)
(SY) glycinamide
(HM) GLYCINE/*analogs
(NO) RN given refers to parent cpd

glycineamide ribonucleotide
(RN) 10074-18-7
(SY) glycineamideribotide
(SY) 5'-phosphoribosylglycineamide
(HM) *RIBONUCLEOTIDES
(NO) structure

glycineamideribotide see glycineamide ribonucleotide

glycine amidinotransferase
(RN) EC 2.1.4.1
(RR) 9027-35-4 (CRN)
(SY) arginine-glycine transamidinase
(HM) *AMIDINOTRANSFERASES
(HM) GLYCINE

glycine aminopeptidase see glycyl aminopeptidase

glycine N-choloyltransferase
(RN) EC 2.3.1.65
(SY) amino acid N-choloyltransferase
(HM) *ACYLTRANSFERASES

glycine cleavage system see glycine synthase

glycine decarboxylase see glycine synthase

glycine ethyl ester
(RN) 459-73-4
(RR) 623-33-6 (HCl)
(RR) 24715-39-7 (1-(14)C-labeled cpd)
(RR) 55101-43-4 ((aminomethyl)phosphonate[1:1])
(SY) ethyl glycinate
(HM) GLYCINE/*analogs
(NO) RN given refers to parent cpd

glycine-ferrous sulfate complex see ferroglycine sulfate

glycine(8)-human calcitonin see calcitonin, human, Gly(8)-

Glycine, N-(N-(N-(N-(N-(3-hydroxy-2-methyl-1-oxononyl) -N-methylleucyl)-L-alloisoleucyl)-L-seryl)-L-allothreonyl)-, rho-lactone see globomycin

Glycine, N-(2-hydroxy-1-oxopropyl)-L-alanyl-D-gamma-glutamyl-meso-alpha,epsilon-diaminopimelyl-, (R)- see FK-156

glycine methyl ester
(RN) 616-34-2
(RR) 5680-79-5 (HCl)
(RR) 84508-21-4 (conjugate monoacid)
(HM) GLYCINE/*analogs
(NO) RN given refers to parent cpd

glycinemethyltetracycline see glycocycline

glycine methyltransferase
(RN) EC 2.1.1.20
(RR) 37228-72-1 (CRN)
(SY) glycine N-methyltransferase
(HM) *METHYLTRANSFERASES

glycine N-methyltransferase see glycine methyltransferase

glycine receptor
(SY) glycine receptors
(SY) receptor, glycine
(HM) *SYNAPTIC RECEPTORS
(II) GLYCINE
(NO) glycine receptor is reduced in spinal cord in amyotrophic lateral sclerosis

glycine receptors see glycine receptor

glycine reductase
(RN) EC 1.4.1.-
(HM) *AMINO ACID OXIDOREDUCTASES
(HM) *MULTIENZYME COMPLEXES
(NO) glycine is reductively deaminated to acetate & ammonia by a complex requiring a dithiol & synthesizing ATP

glycine-rich gelatin-binding protein see gelatin-binding glycoprotein

glycine(8)-salmon calcitonin see calcitonin, salmon, Gly(8)-

glycine synthase
(RN) EC 2.1.2.10
(RR) 37257-08-2 (CRN)
(SY) glycine decarboxylase
(SY) glycine synthase system
(SY) glycine cleavage system
(SY) T protein, glycine cleavage system
(SY) H-protein, glycine cleavage system
(SY) P-protein, glycine cleavage system
(HM) *TRANSFERASES
(NO) T-protein & H-protein are components of glycine cleavage system which oxidatively decarboxylates glycine

glycine synthase system see glycine synthase

glycine tert-butyl ester
(RN) 6456-74-2
(RR) 27532-96-3 (HCl)
(HM) GLYCINE/*analogs

glycine-tRNA see tRNA, glycine-

glycine ursodeoxycholic acid see glycoursodeoxycholic acid

glycinexylidide
(RN) 18865-38-8
(RR) 70527-05-8 (cpd with unspecified locants)
(RR) 35891-83-9 (mono-HCl)
(SY) GX
(SY) glycylxylidide
(HM) LIDOCAINE/*analogs
(NO) dealkylated metabolite of lidocaine; structure; RN given refers to parent cpd with dimethylphenyl moiety in positions 2,6

glycinin
(RN) 9007-93-6
(HM) *GLOBULINS
(II) VEGETABLE PROTEINS
(NO) major storage protein of soybean, the 11S globulin

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glyciphosphoramide
(RN) 7568-40-3
(SY) M 256202
(SY) M-25,6202
(HM) *PHOSPHORAMIDE MUSTARDS
(PA) ANTINEOPLASTIC AGENTS
(NO) structure given in first source

9-GlyCN-oxytocin see oxytocin, 9 alpha-aminoacetonitrile-

glycoasparagines
(HM) *GLYCOPEPTIDES
(II) OLIGOSACCHARIDES
(NO) found in urine of patients with aspartylglycosaminuria; contains 1 mole each of N-acetylneuraminic acid, galactose, N-acetylglucosamine & asparagine

glycocalicin
(HM) *MEMBRANE PROTEINS
(HM) *GLYCOPROTEINS
(II) PLATELET AGGREGATION/drug eff
(NO) glycoprotein component of outer surface of intact platelets; inhibits platelet aggregation induced by thrombin or by ristocetin (mol wt 150,000)

glycocalyx
(HM) *GLYCOPROTEINS
(HM) *POLYSACCHARIDES
(NO) found in microvilli of intestinal brush border cells; glycoprotein & polysaccharide covering that surrounds many cells

glycochenodeoxycholate-3-sulfate
(RN) 67030-54-0
(SY) GCDCS
(HM) GLYCOCHENODEOXYCHOLIC ACID/*analogs

glycocholase see choloylglycine hydrolase

glycocyaminase
(RN) EC 3.5.3.2
(SY) guanidino acetate amidinohydrolase
(HM) *UREOHYDROLASES
(NO) hydrolyzes the guanidino group to guanidine & urea

glycocyamine
(RN) 352-97-6
(RR) 19193-26-1 (2-(14)C-labeled cpd)
(RR) 14901-20-3 (mono-HCl)
(RR) 4294-32-0 (ion(1-))
(SY) guanidinoacetic acid
(SY) guanidoacetic acid
(SY) N-amidinoglycine
(SY) guanidinoacetate
(HM) GLYCINE/*analogs
(NO) RN given refers to parent cpd; structure

glycocycline
(RN) 751-98-4
(SY) glycinemethyltetracycline
(HM) *TETRACYCLINES

glycodihydrofusidate
(HM) FUSIDIC ACID/*analogs
(II) BILE ACIDS AND SALTS

glycofurol
(RN) 9004-76-6
(SY) tetrahydrofurfuryl alcohol polyethylene glycol ether
(HM) *POLYETHYLENE GLYCOLS
(II) SOLVENTS

glycogen synthase kinase see glycogen synthetase kinase

glycogen synthetase kinase
(RN) EC 2.7.1.-
(SY) glycogen synthase kinase
(SY) synthase kinase
(SY) glycogen synthetase kinase 3
(SY) glycogen synthetase kinase 4
(SY) glycogen synthetase kinase 5
(SY) kinase FA
(SY) FA-GSK-3 protein kinase
(HM) *PROTEIN KINASES
(NO) an aspect of protein kinase, EC 2.7.1.37

glycogen synthetase kinase 3 see glycogen synthetase kinase

glycogen synthetase kinase 4 see glycogen synthetase kinase

glycogen synthetase kinase 5 see glycogen synthetase kinase

glycohyodeoxycholic acid
(RN) 13042-33-6
(HM) *GLYCODEOXYCHOLIC ACID

glycolaldehyde
(RN) 141-46-8
(SY) hydroxyacetaldehyde
(HM) ACETALDEHYDE/*analogs
(NO) structure

glycolaldehyde dehydrogenase
(RN) EC 1.2.1.21
(HM) *ALDEHYDE OXIDOREDUCTASES

glycolate see glycolic acid

glycolate oxidase see glycollate oxidase

glycolate oxidoreductase see glycollate oxidase

glycolate-2-P see phosphoglycolate

L-glycol dehydrogenase
(RN) EC 1.1.1.-
(SY) L-(+)-glycol-NAD(P) oxidoreductase
(SY) alpha-dicarbonyl reductase
(SY) L-(+)-alpha-hydroxycarbonyl-NAD(P) oxidoreductase
(HM) *ALCOHOL OXIDOREDUCTASES
(NO) catalyzes NAD(P)H linked reversible reduction of uncharged vicinal dicarbonyls & alpha-hydroxycarbonyls to L-(+)-glycols

glycolic acid
(RN) 79-14-1
(RR) 39663-84-8 (mono-Li salt)
(RR) 35249-89-9 (mono-NH4 salt)
(RR) 26257-13-6 (unspecified Ca salt)
(RR) 25904-89-6 (unspecified K salt)
(RR) 16504-51-1 (2-(14)C-labeled cpd)
(RR) 10326-78-0 (1-(14)C-labeled cpd)
(RR) 2836-32-0 (mono-Na salt)
(RR) 1932-50-9 (mono-K salt)
(SY) glycolate
(HM) *GLYCOLATES
(NO) RN given refers to parent cpd

glycolic acid dehydrogenase
(RN) EC 1.1.-
(HM) *ALCOHOL OXIDOREDUCTASES
(NO) enzyme from human liver converts glycolate to oxalate, acceptor not identified, not oxygen; free glyoxylate is not an intermediate

glycolic acid oxidase see glycollate oxidase

glycolipid exchange protein see lipid transfer protein

glycolipid G(A2) see ganglio-N-triosylceramide

glycolipid I, M leprae see phenolic glycolipid I, Mycobacterium leprae

glycolipid 3-mannosyltransferase
(RN) EC 2.4.1.132
(SY) GDPmannose-dolichylpyrophosphate trisaccharide alpha(1-3)-D-mannosyltransferase
(SY) GDPmannose-glycolipid-3-mannosyltransferase
(HM) *MANNOSYLTRANSFERASES

glycolipid receptor
(SY) receptor, glycolipid
(SY) glycolipid receptors
(SY) sialo-glycolipid receptor
(SY) sialoglycolipid receptors
(SY) receptor, sialoglycolipid
(HM) *RECEPTORS, IMMUNOLOGIC
(II) GLYCOLIPIDS
(NO) on human erythrocytes & uroepithelial cells for uropathogenic E coli

glycolipid receptors see glycolipid receptor

glycolipid transfer protein see lipid transfer protein

glycolipoprotein, extracellular slime
(SY) extracellular slime glycolipoprotein
(HM) *GLYCOPROTEINS
(HM) *LIPOPROTEINS
(II) ANTIGENS, BACTERIAL
(II) BACTERIAL PROTEINS
(NO) found in exopolysaccharide slime of Pseudomonas aeruginosa; elicits same toxic, leukopenic, & lethal manifestations that have been observed after lethal infection of mice by viable bacteria; also acts as protective antigen in active & passive immunization in mice challenged by viable cells

glycolithocholate see glycolithocholic acid

glycolithocholic acid
(RN) 474-74-8
(RR) 24404-83-9 (mono-Na salt)
(SY) lithocholylglycine
(SY) glycolithocholate
(HM) LITHOCHOLIC ACID/*analogs
(NO) RN given refers to (3alpha,5beta)-isomer; RN for cpd without isomeric designation not in Chemline 8/83

glycolithocholic acid sulfate see sulfolithocholylglycine

glycollate-NADP+ oxidoreductase see glyoxylate reductase (NADP+)

glycollate oxidase
(RN) EC 1.1.3.1
(RR) 9028-71-1 (CRN)
(SY) glycolate oxidoreductase
(SY) glycolic acid oxidase
(SY) glycolate oxidase
(HM) *ALCOHOL OXIDOREDUCTASES

glycol methacrylate see hydroxyethyl methacrylate

glycol monosalicylate see glycol salicylate

L-(+)-glycol-NAD(P) oxidoreductase see L-glycol dehydrogenase

N-glycoloylneuraminic acid see N-glycolylneuraminic acid

glycol salicylate
(RN) 87-28-5
(SY) glycol monosalicylate
(SY) menthoneurin
(SY) ethyleneglycolmonosalicylic acid ester
(HM) *SALICYLATES
(PA) ANTI-INFLAMMATORY AGENTS, TOPICAL
(NO) component of Piadar; topical ointment of the above including 1% methanol in base

glycolthymidine see thymidine glycol

glycolthymine see thymine glycol

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N(1)-glycolylbiuret
(RN) 89802-97-1
(HM) BIURET/*analogs
(NO) radiation product of cytosine in aerated aqueous solution; structure given in first source

N-glycolylneuraminic acid
(RN) 1113-83-3
(RR) 26230-28-4 ((alpha-D-Gal)-isomer)
(SY) NGNA
(SY) GcNeu
(SY) N-glycoloylneuraminic acid
(HM) *NEURAMINIC ACIDS
(NO) RN given refers to (all-D)-isomer; RN for cpd without isomeric designation not in Chemline 8/83

N-glycolylneuraminyllactosylceramide
(SY) GM3-NeuGc
(HM) *G(M3) GANGLIOSIDE/analogs
(NO) influenza A virus receptor which mediates the adsorption-fusion process of viral infection

glycopeptidase
(RN) EC 3.5.1.52
(SY) N-oligosaccharide glycopeptidase
(SY) peptide-N4-(acetyl-beta-glucosaminyl)asparagine amidase
(SY) glycopeptidase A
(HM) *AMIDOHYDROLASES
(NO) cleaves beta-asparty-glycosylamine linkages in glycopeptides with 3-11 amino acid residues

glycopeptidase A see glycopeptidase

glycopeptide N-glycosidase
(RN) EC 3.2.2.18
(SY) peptide N-glycosidase
(SY) peptide N-glycosidase F
(HM) *GLYCOSIDE HYDROLASES

glycophen saphor see rovrol

P-glycoprotein
(SY) glycoprotein P
(HM) *GLYCOPROTEINS
(NO) modulates either directly or indirectly membrane permeability of mutant cells to variety of cpds

glycoprotein, 3.1S-alpha(2) see 3.1S-alpha(2)-glycoprotein

glycoprotein AM1
(SY) AM1 glycoprotein
(HM) *SALIVARY PROTEINS
(II) AMIDOHYDROLASES
(II) CARBOXYLIC ESTER HYDROLASES
(NO) glycoprotein from mouse submandibular glands with amidase & esterase activity

glycoprotein 40 antigen
(SY) gp40 antigen
(HM) *ANTIGENS, NEOPLASM
(HM) *GLYCOPROTEINS
(NO) major component of immune complexes isolated from sera of patients with Burkitt's lymphoma & nasopharyngeal carcinoma

glycoprotein 52 antigen
(SY) GP52 antigen
(HM) *ANTIGENS, NEOPLASM
(NO) major glycoprotein of mouse mammary tumor virus; weight 52,000 daltons

glycoprotein C see glycoprotein gC, herpes simplex type 1

glycoprotein cerebral ANS3 see brain glycoprotein NSA 3

glycoprotein 71A (Friend virus)
(SY) GP71A
(HM) *RETROVIRIDAE PROTEINS
(II) GLYCOPROTEINS
(NO) isolated from Friend murine leukemia virus

glycoprotein fucosyltransferase see GDPfucose-glycoprotein fucosyltransferase

glycoprotein G
(SY) thrombin-sensitive protein
(SY) thrombospondin
(HM) *GLYCOPROTEINS
(II) BLOOD PLATELETS
(II) LECTINS
(NO) one of the major components of alpha-granules which are secreted by platelets during thrombin-induced activation; glycoprotein that appears to be unique to platelets; endogenous lectin of human platelets

glycoprotein gB, herpes simplex virus type 1 see glycoprotein B, herpes simplex virus type 1

glycoprotein gB, herpes simplex virus type 2 see glycoprotein B, herpes simplex virus type 2

glycoprotein gC, herpes simplex type 1
(SY) HSV type 1 glycoprotein gC
(SY) herpes simplex virus type 1 glycoprotein gC
(SY) glycoprotein C
(SY) HSV glycoprotein C
(HM) *VIRAL PROTEINS
(II) HERPES SIMPLEX VIRUS
(NO) MW 130,000

glycoprotein gE herpes simplex virus type 1 see glycoprotein E, herpes simplex virus type 1

glycoprotein gF, herpes simplex virus type 2
(SY) HSV type 2 glycoprotein gF
(SY) herpes simplex virus type 2 glycoprotein gF
(HM) *VIRAL PROTEINS
(II) HERPES SIMPLEX VIRUS
(NO) MW 75,000; sensitive to neuraminidase digestion

glycoprotein gG, herpes simplex virus type 2 see glycoprotein G, herpes simplex virus type 2

glycoprotein gH-1, herpes simplex virus see glycoprotein H, herpes simplex virus type 1

glycoprotein glycosyltransferase
(RN) EC 2.4.1.-
(HM) *HEXOSYLTRANSFERASES
(NO) enzymes which add monosaccharides from nucleoside mono-or diphosphate monosaccharides onto glycoproteins

glycoprotein GP III
(SY) s-GP III
(SY) m-GP III
(HM) *GLYCOPROTEINS
(II) MEMBRANE PROTEINS
(NO) found in adrenal chromaffin granules; MW 43,000

glycoprotein gp70, murine serum
(SY) murine serum glycoprotein gp70
(SY) MSG gp70
(SY) MuLV gp70
(HM) *GLYCOPROTEINS
(NO) mol wt 70,000 with structural & immunologic similarity to retroviral envelope protein; do not confuse with viral envelope gp70

glycoprotein GP90, Trypanosoma cruzi
(SY) GP90 glycoprotein
(HM) *GLYCOPROTEINS
(II) MEMBRANE PROTEINS
(II) ANTIGENS, PROTOZOAN
(II) TRYPANOSOMA CRUZI
(NO) 90 kDa cell surface glycoprotein from Trypanosoma cruzi

glycoprotein GP138
(SY) gp138
(HM) *GLYCOPROTEINS
(II) NEUTROPHILS
(NO) polymorphonuclear leukocyte (PMN) surface glycoprotein; high MW; heritable deficiency of the above glycoprotein is associated with abnormalities of PMN function

glycoprotein gp68 see alpha(1)-antichymotrypsin

glycoprotein B, herpes simplex virus type 1
(SY) HSV type 1 glycoprotein B
(SY) herpes simplex virus type 1 glycoprotein B
(SY) glycoprotein gB, herpes simplex virus type 1
(HM) *VIRAL PROTEINS
(II) HERPESVIRUS HOMINIS

glycoprotein B, herpes simplex virus type 2
(SY) HSV type 2 glycoprotein B
(SY) herpes simplex virus type 2 glycoprotein B
(SY) glycoprotein gB, herpes simplex virus type 2
(HM) *VIRAL PROTEINS
(II) HERPES SIMPLEX VIRUS

glycoprotein D, herpes simplex virus type 1
(SY) HSV-1 glycoprotein D
(SY) herpes simplex virus type 1 glycoprotein D
(SY) herpes simplec virus type 1 gD
(HM) *VIRAL PROTEINS
(II) HERPES SIMPLEX VIRUS

glycoprotein D, herpes simplex virus type 2
(SY) HSV-2 glycoprotein D
(SY) herpes simplex virus type 2 glycoprotein D
(HM) *VIRAL PROTEINS
(II) HERPES SIMPLEX VIRUS
(NO) DNA sequence analysis given in first source

glycoprotein E, herpes simplex virus type 1
(SY) HSV type 1 glycoprotein E
(SY) herpes simplex virus type 1 glycoprotein E
(SY) glycoprotein gE herpes simplex virus type 1
(HM) *VIRAL PROTEINS
(II) HERPESVIRUS HOMINIS

glycoprotein G, herpes simplex virus type 2
(SY) HSV type 2 glycoprotein G
(SY) glycoprotein gG, herpes simplex virus type 2
(HM) *VIRAL PROTEINS
(II) HERPESVIRUS HOMINIS

glycoprotein H, herpes simplex virus type 1
(SY) HSV-1 glycoprotein H
(SY) herpes simplex virus type 1 glycoprotein H
(SY) glycoprotein gH-1, herpes simplex virus
(HM) *VIRAL PROTEINS
(II) HERPES SIMPLEX VIRUS
(NO) MW 115,000

glycoprotein Ib
(HM) *GLYCOPROTEINS
(II) MEMBRANE PROTEINS
(NO) major membrane glycoprotein; MW 170,000; receptor for Factor VIII/vWF; deficient in Bernard-Soulier syndrome

glycoprotein IIb-IIIa complex see fibrinogen receptor

glycoprotein 90 kD see adhesive 90 kD glycoprotein

glycoprotein P see P-glycoprotein

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glycoprotein PAS-0 see epithelial membrane glycoprotein

glycoprotein I, platelet membrane see platelet membrane glycoproteins

glycoprotein, PO see PO glycoprotein

glycoprotein p31 see XM1 protein

glycoprotein receptor
(SY) receptor, glycoprotein
(SY) glycoprotein receptors
(HM) *RECEPTORS, IMMUNOLOGIC
(II) GLYCOPROTEINS

glycoprotein receptors see glycoprotein receptor

glycoproteins IIb-IIIa see platelet membrane glycoproteins

glycoprotein, spike see spike glycoprotein

glycoprotein, structural see structural glycoprotein

glycoprotein sulfotransferase
(RN) EC 2.8.2.-
(SY) N-linked glycoprotein sulfurtransferase
(HM) *SULFURTRANSFERASES

glycoprotein, Tamm-Horsfall see uromucoid

glycoprotein, Thy-1 see Thy-1 antigen

glycoprotein, viral fusion see virus fusion proteins

glycoprotein, zinc-alpha(2) see zinc-alpha(2)-glycoprotein

glycoprotein, ZP2 see zona pellucida glycoproteins

glycoprotein 110
(SY) GP 110
(SY) glycoprotein 180
(SY) GP 180
(SY) glycoprotein 115
(SY) neutrophil adhesion glycoproteins
(HM) *GLYCOPROTEINS
(II) BLOOD PROTEINS
(II) MEMBRANE PROTEINS
(NO) inherited deficiency of these cpds in neutrophils causes defective neutrophil adhesion & increased susceptibility to bacterial infections; MW was thought to be 110,000, but was subsequently determined to be 180,000

glycoprotein 115 see glycoprotein 110

glycoprotein 140 see GP140

glycoprotein 180 see glycoprotein 110

glycoprotein 300-350 see GP 300-350 (Epstein-Barr virus)

glycoprotein 88
(SY) GP88
(SY) GP-88
(HM) *GLYCOPROTEINS
(II) ANTIGENIC DETERMINANTS
(II) INFLUENZA VIRUSES
(NO) influenza virus glycoprotein antigenic determinant

glycorea see prethcamide

glycosaminoglucuronates
(SY) glycosaminoglycuronans
(HM) *GLYCOSAMINOGLYCANS

glycosaminoglycan polysulfate see A73025

glycosaminoglycan polysulphate see A73025

glycosaminoglycan sulfotransferase see chondroitin sulfotransferase

glycosaminoglycuronans see glycosaminoglucuronates

glycosphingolipid beta1-3-N-acetylglucosaminyltransferase
(RN) EC 2.4.1.-
(SY) GSP(1-3)AGTase
(SY) glycosphingolipid beta 3-GlcNAcTase
(HM) *GLUCOSYLTRANSFERASES
(NO) involved in blood group I-antigensynthesis

glycosphingolipid beta1-6-N-acetylglucosaminyltransferase
(RN) EC 2.4.1.-
(SY) GSP(1-6)AGTase
(SY) glycosphingolipid beta 6-GlcNacTase
(HM) *GLUCOSYLTRANSFERASES
(NO) involved in blood group I-antigen synthesis

glycosphingolipid beta-galactosidase
(RN) EC 3.2.1.-
(HM) *BETA-GALACTOSIDASES

glycosphingolipid beta 3-GlcNAcTase see glycosphingolipid beta1-3-N- acetylglucosaminyltransferase

glycosphingolipid beta 6-GlcNacTase see glycosphingolipid beta1-6-N- acetylglucosaminyltransferase

glycosphingolipid sulfotransferase see galactosylceramide sulphotransferase

glycosyl-albumin see glycosylated serum albumin

glycosylated Aalpha chain fibrinogen see glycosylated fibrinogen

glycosylated AFP see alpha-glycoprotein, fetospecific

glycosylated apo-B see glycosylated lipoproteins, LDL

glycosylated apo-B (LDL) see glycosylated lipoproteins, LDL

glycosylated blood proteins see glycosylated serum protein

glycosylated collagen
(SY) glucosylated collagen
(HM) COLLAGEN/*analogs

glycosylated fetal hemoglobin
(SY) HbF, glycosylated
(SY) hemoglobin F, glycosylated
(HM) FETAL HEMOGLOBIN/*analogs
(NO) glycosylated minor components of human fetal hemoglobin designated as F(IA1), F(Ia2), F(Ib) & F(Ic)

glycosylated fibrinogen
(SY) glycosylated Aalpha chain fibrinogen
(HM) FIBRINOGEN/*analogs

glycosylated fibronectin see fibronectin, glycosylated

glycosylated gag polyprotein see gag viral proteins

glycosylated hydroxylysine
(HM) HYDROXYLYSINE/*analogs

glycosylated IgA
(SY) IgA, glycosylated
(SY) immunoglobulin A, glycosylated
(HM) *IGA

glycosylated IgG
(SY) IgG, glycosylated
(SY) immunoglobulin G, glycosylated
(HM) *IGG

glycosylated IgM
(SY) IgM, glycosylated
(SY) immunoglobulin M, glycosylated
(HM) *IGM

glycosylated insulin see insulin, glycosylated

glycosylated lipoproteins, LDL
(SY) apo B, glycosylated
(SY) apolipoprotein B, glycosylated
(SY) glycosylated apo-B (LDL)
(SY) glycosylated apo-B
(SY) LDL, glycosylated
(SY) glucosylated LDL
(SY) GLC-LDL
(HM) *LIPOPROTEINS, LDL
(NO) gluose covalently bound to epsilon-lysine of human apolipoprotein B of LDL; this cpd is elevated in diabetic patients

glycosylated lysine
(HM) LYSINE/*analogs

glycosylated prolactin see prolactin, glycosylated

glycosylated serum albumin
(SY) serum albumin, glycosylated
(SY) glycosyl-albumin
(HM) *SERUM ALBUMIN
(NO) used to measure control of glycemia; see also record for glucosylated serum albumin

glycosylated serum protein
(SY) serum protein, glycosylated
(SY) glycosylated blood proteins
(HM) *BLOOD PROTEINS
(NO) used to measure control of glycemia; see also record for glucosylated serum protein

glycosylated triiodothyronine
(SY) triiodothyronine, glycosylated
(HM) TRIIODOTHYRONINE/*analogs

glycosylation-enhancing factor see interleukin 3

N-glycosyltransferase see asparagine-N-glycosyltransferase

glycoursodeoxycholic acid
(RN) 64480-66-6
(SY) glycine ursodeoxycholic acid
(HM) URSODEOXYCHOLIC ACID/*analogs

glycprotein gp 118, varicella-zoster virus
(SY) varicella-zoster virus glycoprotein gp-118
(SY) VZ gp118
(HM) *VIRAL PROTEINS
(II) VARICELLA-ZOSTER VIRUS

2'-O-glycyl acyclovir
(RN) 84499-62-7
(RR) 84499-61-6 (HCl)
(SY) acyclovir 2'-O-glycyl ester
(HM) ACYCLOVIR/*analogs
(PA) ANTIVIRAL AGENTS
(NO) water-soluble ester of acyclovir; RN given refers to parent cpd

N-glycyl-4-aminobenzoic acid ethyl ester
(RN) 38219-44-2
(SY) glycylanesthesin
(HM) BENZOCAINE/*analogs
(NO) structure given in first source; RN given refers to parent cpd

glycyl aminopeptidase
(RN) EC 3.4.11.-
(SY) glycine aminopeptidase
(HM) *AMINOPEPTIDASES
(NO) N-glycyl-gamma-L-glutamyl naphthylamide used as substrate

glycylanesthesin see N-glycyl-4-aminobenzoic acid ethyl ester

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N-glycylglutamic acid
(RN) 7412-78-4
(SY) Gly-Glu
(HM) *DIPEPTIDES
(NO) RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 9/85

glycylglutamine
(RN) 13115-71-4
(SY) Gly-Gln
(HM) *DIPEPTIDES
(II) NEURAL INHIBITION
(NO) inhibitory neuropeptide derived from beta-endorphin; RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 12/22/83

glycyl-L-glutaminyl-L-prolyl-L-arginine see rigin

glycyl-glycine dipeptidase
(RN) EC 3.4.13.-
(SY) glycylglycine dipeptidase
(HM) *DIPEPTIDASES

glycylglycine dipeptidase see glycyl-glycine dipeptidase

glycyl-glycyl-O-benzyltyrosyl-arginine see glycyl-glycyl-tyrosyl(O-benzyl)-arginine

glycyl-glycyl-cysteine
(RN) 95416-30-1
(SY) Gly-Gly-Cys
(HM) *OLIGOPEPTIDES
(NO) substrate for renal sulfhydryl oxidase; RN given refers to (L)-isomer; RN for cpd without isomeric designation not available 6/85

glycyl-glycyl dipeptidyl aminopeptidase
(RN) EC 3.4.14.-
(SY) Gly(2)-Gly(3)-dipeptidase
(SY) Gly-Gly-DA
(HM) *DIPEPTIDYL PEPTIDASES

glycyl-glycyl-glycine
(RN) 556-33-2
(SY) Gly-Gly-Gly
(SY) triglycine
(HM) *OLIGOPEPTIDES

glycyl-glycyl-glycyl-glycine
(RN) 637-84-3
(SY) Gly-Gly-Gly-Gly
(SY) (Gly)4
(HM) *OLIGOPEPTIDES

glycyl-glycyl-glycyl-glycyl-tyrosyl-aspartyl-leucyl-asparaginyl-glycyl-glycyl-glycyl-valyl-glycine
(SY) GGG(Y2)-speract
(SY) Gly-Gly-Gly-Gly-Tyr-Asp-Leu-Asn-Gly-Gly-Gly-Val- Gly
(HM) *PEPTIDES
(NO) speract analog with action similar to speract

glycyl glycyl histidine see diglycyl-histidine

N-(N-glycylglycyl)-8-lysine vasopressin see vasopressin, N-(N-Gly-Gly-Gly)-8-Lys-

glycyl-glycyl-tyrosine N-methylamide
(RN) 82486-67-7
(SY) Gly-Gly-Tyr N-methylamide
(HM) *OLIGOPEPTIDES

glycyl-glycyl-tyrosyl(O-benzyl)-arginine
(SY) Gly-Gly-Tyr(OBz)-Arg
(SY) glycyl-glycyl-O-benzyltyrosyl-arginine
(SY) GGTBzA
(HM) *OLIGOPEPTIDES
(PA) PAPAIN/antag

glycylhistidylarginine see glycyl-histidyl-arginine

glycyl-histidyl-arginine
(RN) 82224-83-7
(SY) Gly-His-Arg
(SY) glycylhistidylarginine
(HM) *OLIGOPEPTIDES

glycylhistidyllysine see glycyl-histidyl-lysine

glycyl-histidyl-lysine
(RN) 49557-75-7
(RR) 72957-37-0 (monoacetate)
(SY) Gly-His-Lys
(SY) glycylhistidyllysine
(SY) copper glycyl-histidyl-lysine
(HM) *OLIGOPEPTIDES
(II) GROWTH SUBSTANCES
(NO) found in human plasma; promotes proliferation of hepatoma cells, lymphocytes & mycoplsma; maintains viability of hepatocytes, eosinophils and macrophages; inhibits growth of glial cells; RN given refers to (L)-isomer; RN for cpd without isomeric designation not in chemline 7/84

glycyl-4-hydroxyproline
(RN) 24587-32-4
(SY) Gly-Hyp
(SY) Gly-4-hydroxy-Pro
(HM) *DIPEPTIDES
(NO) RN given refers to (trans)-isomer; RN for cpd without isomeric designation not in Chemline 1/85

glycylleucine
(RN) 869-19-2
(RR) 688-13-1 ((D)-isomer)
(SY) glycyl-L-leucine
(SY) Leu-Gly
(SY) Gly-Leu
(SY) leucylglycine
(HM) *DIPEPTIDES
(NO) RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 8/83

glycylleucine dipeptidase see glycyl-leucine dipeptidase

glycyl-leucine dipeptidase
(RN) EC 3.4.13.-
(SY) glycyl-L-leucine hydrolase
(SY) glycylleucine dipeptidase
(HM) *DIPEPTIDASES

glycyl-L-leucine hydrolase see glycyl-leucine dipeptidase

glycyl-L-leucine see glycylleucine

glycyl-leucyl-glycyl-glycine
(SY) Gly-Leu-Gly-Gly
(SY) GLGG
(HM) *OLIGOPEPTIDES

glycyl(12)-lysine(13)-substance P see substance P, Gly(12)-Lys(13)-

4-N-glycyllysinomicin
(RN) 84373-74-0
(HM) AMINOGLYCOSIDES
(PA) ANTIBIOTICS
(NO) structure given in first source

glycyl-lysyl-arginine-oxytocin see oxytocin, Gly-Lys-Arg-

glycyl(12)-lysyl(13)-substance P see substance P, Gly(12)-Lys(13)-

glycylphenylalanine
(RN) 721-66-4
(RR) 34258-14-5 ((D)-isomer)
(RR) 3321-03-7 ((L)-isomer)
(RR) 40301-90-4 (monobrosylate(L)-isomer)
(RR) 35195-44-9 (mono-HCl monohydrate(L)-isomer)
(RR) 40301-89-1 (monotosylate(L)-isomer)
(SY) gly-L-phenylalanine
(SY) gly-D-phenylalanine
(SY) glycyl-L-phenylalanine
(SY) glycyl-D-phenylalanine
(SY) Gly-Phe
(HM) *DIPEPTIDES
(NO) RN given refers to (DL)-isomer; RN for cpd without isomeric designation not in Chemline 8/83

glycyl-D-phenylalanine see glycylphenylalanine

glycyl-L-phenylalanine see glycylphenylalanine

glycyl-L-phenylalanine 2-naphthylamide see glycylphenylalanine 2-naphthylamide

glycylphenylalanine 2-naphthylamide
(RN) 21438-66-4
(SY) glycyl-L-phenylalanine 2-naphthylamide
(SY) Gly-Phe-naphthylamide
(HM) *DIPEPTIDES
(NO) cathepsin C substrate; RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 8/84

glycylpressin see glypressin

glycylproline
(RN) 704-15-4
(SY) glycyl-L-proline
(SY) Gly-Pro
(HM) *DIPEPTIDES

glycylproline dipeptidyl aminopeptidase
(RN) EC 3.4.11.-
(SY) Gly-Pro-aminopeptidase
(HM) *AMINOPEPTIDASES

glycyl-L-proline see glycylproline

glycyl-proline-1-naphthylamide
(RN) 69519-57-9
(SY) Gly-Pro-1-naphthylamide
(SY) Gly-Pro-NA
(HM) *DIPEPTIDES
(NO) dipeptidyl peptidase substrate

glycylproline p-nitroanilidase see glycylproline 4-nitroanilidase

glycylproline 4-nitroanilidase
(RN) EC 3.4.14.-
(SY) GPNAase
(SY) glycylproline p-nitroanilidase
(HM) *DIPEPTIDYL PEPTIDASES
(NO) splits of glycylproline from p-nitroaniline

glycylproline 4-nitroanilide
(SY) glycylproline para-nitroanilide
(SY) GP 4-NA
(HM) *DIPEPTIDES
(NO) substrate for dipeptidyl peptidase IV

glycylproline para-nitroanilide see glycylproline 4-nitroanilide

glycylprolylarginine see glycyl-prolyl-arginine

glycyl-prolyl-arginine
(RN) 47295-77-2
(SY) Gly-Pro-Arg
(SY) glycylprolylarginine
(HM) *OLIGOPEPTIDES

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glycyl-prolyl-arginyl-proline
(RN) 67869-62-9
(SY) Gly-Pro-Arg-Pro
(HM) *OLIGOPEPTIDES
(NO) synthetic peptide which prevents polymerization of fibrin molecules

glycyl-prolyl-arginyl-valine
(RN) 61067-05-8
(SY) Gly-Pro-Arg-Val
(HM) *OLIGOPEPTIDES

glycylprolyl dipeptidylaminopeptidase see dipeptidyl peptidase IV

glycyl-prolyl-4-methoxy-beta-naphthylamide peptidase see dipeptidyl peptidase IV

glycylsarcosine
(RN) 29816-01-1
(SY) Gly-Sar
(HM) *DIPEPTIDES

glycyl-seryl-histidyl-lysine
(SY) Gly-Ser-His-Lys
(SY) GSHL
(HM) *OLIGOPEPTIDES
(PA) ANTI-ULCER AGENTS
(NO) tetrapaptide from rabbit skin tissues infected with vaccinia virus

glycyl-seryl-phenylalanine
(RN) 87494-17-5
(SY) Gly-Ser-Phe
(HM) *OLIGOPEPTIDES

glycyl(12)-substance P see substance P, Gly(12)-

glycyl-tRNA see tRNA, glycine-

glycyltryptophan
(RN) 2390-74-1
(RR) 2189-26-6 ((DL)-isomer)
(SY) Gly-Trp
(HM) *DIPEPTIDES
(NO) RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 7/84

glycyltyrosine
(RN) 658-79-7
(SY) glycyl-L-tyrosine
(SY) Gly-Tyr
(HM) *DIPEPTIDES

glycyl-L-tyrosine see glycyltyrosine

glycylvaline
(RN) 2325-17-9
(RR) 10521-49-0 ((D)-isomer)
(RR) 1963-21-9 ((L)-isomer)
(SY) Gly-Val
(SY) glycyl-L-valine
(HM) *DIPEPTIDES
(NO) RN given refers to (DL)-isomer; RN for cpd without isomeric designation not in Chemline 8/83

glycyl-L-valine see glycylvaline

glycylxylidide see glycinexylidide

glycyron see glycyrrhizic acid

glycyrrhetinic acid diglucuronate see glycyrrhizic acid

glycyrrhetinyl-glycine conjugate
(RN) 82824-02-0
(SY) calcium glycyrrhetinyl-glycinate
(HM) *GLYCYRRHETINIC ACID
(HM) *GLYCINE
(NO) conjugate of above two cpds used in treatment of high renin low blood pressure

glycyrrhizic acid
(RN) 1405-86-3
(RR) 19439-64-6 (unspecified Ca.K salt(3beta,20beta)-isomer)
(RR) 42294-03-1 (mono-K salt)
(RR) 85441-51-6 (unspecified Zn salt(3beta,20beta)-isomer)
(RR) 83896-44-0 ((3beta,18alpha,20beta)-isomer)
(RR) 80662-14-2 (mono-Na salt(3beta,18alpha,20beta)-isomer)
(RR) 80658-20-4 (di-NH4 salt(3beta,18alpha,20beta)-isomer)
(RR) 80658-19-1 (di-K salt(3beta,18alpha,20beta)-isomer)
(RR) 80658-18-0 (di-Na salt(3beta,18alpha,20beta)-isomer)
(RR) 80658-17-9 (mono-K salt(3beta,18alpha,20beta)-isomer)
(RR) 80287-34-9 (mono-NH4 salt(3beta,18alpha,20beta)-isomer)
(RR) 79165-06-3 (di-NH4 salt(3beta,20beta)-isomer)
(RR) 71277-79-7 (di-Na salt(3beta,20beta)-isomer)
(RR) 71277-78-6 (tri-Na salt(3beta,20beta)-isomer)
(RR) 68797-35-3 (di-K salt(3beta,20beta)-isomer)
(RR) 68083-53-4 (tri-NH4 salt(3beta,20beta)-isomer)
(RR) 68039-19-0 (K salt(3beta,20beta)-isomer)
(RR) 56649-78-6 (unspecified Na salt(3beta,10beta)-isomer)
(RR) 56362-68-6 (unspecified Fe salt(3beta,20beta)-isomer)
(RR) 68039-19-0 (K salt(3beta,20beta)-isomer)
(RR) 56271-77-3 (Al salt[3:1](3beta,20beta)-isomer)
(RR) 53859-73-7 (Ca salt[2:1](3beta,20beta9-isomer)
(RR) 19439-64-6 (unspecified Ca.K salt(3beta,20beta)-isomer)
(RR) 11052-19-0 (mono-Na salt(3beta,20beta)-isomer)
(SY) glycyron
(SY) glycyrrhetinic acid diglucuronate
(SY) glycyrrhizin
(SY) glycyrrhizinic acid
(HM) GLYCYRRHETINIC ACID/*analogs
(PA) ANTIVIRAL AGENTS
(PA) ANTI-INFECTIVE AGENTS
(NO) RN given refers to (alpha-D)-(3beta,20beta)-(beta-D)-isomer; RN for cpd without isomeric designation not in Chemline 8/83

glycyrrhizin see glycyrrhizic acid

glycyrrhizinic acid see glycyrrhizic acid

Gly-Gln see glycylglutamine

Gly-Gln-Pro-Arg see rigin

Gly-Glu see N-glycylglutamic acid

Gly-Gly-Cys see glycyl-glycyl-cysteine

Gly-Gly-DA see glycyl-glycyl dipeptidyl aminopeptidase

Gly(2)-Gly(3)-dipeptidase see glycyl-glycyl dipeptidyl aminopeptidase

Gly-Gly-Gly see glycyl-glycyl-glycine

Gly-Gly-Gly-Gly see glycyl-glycyl-glycyl-glycine

Gly-Gly-Gly-Gly-Tyr-Asp-Leu-Asn-Gly-Gly-Gly-Val-Gly see glycyl-glycyl-glycyl-glycyl-tyrosyl-aspartyl-leucyl-asparaginyl-glycyl-glycyl-glycyl-valyl-glycine

Gly-Gly-His see diglycyl-histidine

Gly-Gly-Tyr N-methylamide see glycyl-glycyl-tyrosine N-methylamide

Gly-Gly-T_y.(OBz)-Arg see glycyl-glycyl-tyrosyl(O-benzyl)-arginine

Gly-His-Arg see glycyl-histidyl-arginine

Gly-His-Lys see glycyl-histidyl-lysine

Gly(8)-human calcitonin see calcitonin, human, Gly(8)-

Gly-4-hydroxy-Pro see glycyl-4-hydroxyproline

Gly-Hyp see glycyl-4-hydroxyproline

Gly-Leu see glycylleucine

Gly-Leu-Gly-Gly see glycyl-leucyl-glycyl-glycine

Gly-Leu-Hyp-Gly-Nle-Lys-Gly-His-Arg-Gly-Phe-Ser-Gly see collagen I, alpha chain (98-110)

Gly-Lys-Arg-oxytocin see oxytocin, Gly-Lys-Arg-

Gly(12)-Lys(13)-substance P see substance P, Gly(12)-Lys(13)-

glymarite
(RN) 77621-88-6
(HM) *GLYCERIN
(HM) *MANNITOL
(HM) DRUG COMBINATIONS
(NO) soln of glycerin & mannitol used to relieve intracranial pressure

glyoxalase II see hydroxyacylglutathione hydrolase

glyoxal bis(guanylhydrazone)
(RN) 14358-42-0
(RR) 16167-38-7 (di-HCl)
(HM) MITOGUAZONE/*analogs
(NO) RN given refers to parent cpd

glyoxal bis(2-hydroxyanil)
(RN) 1149-16-2
(HM) *AMINOPHENOLS
(II) INDICATORS AND REAGENTS
(NO) structure

glyoxal bis(thiosemicarbazone)-platinum complex
(SY) GBTS-Pt complex
(HM) *GLYOXAL
(HM) *PLATINUM
(PA) ANTINEOPLASTIC AGENTS
(NO) complex formation reduced Pt(IV) to Pt(II); structure given in first source

glyoxylate see glyoxylic acid

glyoxylate aminotransferase
(RN) EC 2.6.1.-
(HM) *AMINOTRANSFERASES
(NO) various amino acids can serve as amino donors; with serine it is EC 2.6.1.45; best donors for rat liver & kidney enzyme are leucine & phenylalanine

glyoxylate dehydrogenase see glyoxylate dehydrogenase (acylating)

glyoxylate dehydrogenase (acylating)
(RN) EC 1.2.1.17
(RR) 9028-96-0 (CRN)
(SY) glyoxylate-NADP+ oxidoreductase (CoA-oxalylating)
(SY) glyoxylate dehydrogenase
(HM) *ALDEHYDE OXIDOREDUCTASES
(NO) reduces glyoxylate in the presence of CoA & NADP+ to yield oxalyl-CoA & NADPH

glyoxylate-NADP+ oxidoreductase (CoA-oxalylating) see glyoxylate dehydrogenase (acylating)

glyoxylate-oxoglutarate carboligase see 2-hydroxy-3-oxoadipate carboxylase

glyoxylate reductase
(RN) EC 1.1.1.26
(RR) 9028-32-4 (CRN)
(HM) *ALCOHOL OXIDOREDUCTASES

glyoxylate reductase II see glyoxylate reductase (NADP+)

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glyoxylate reductase (NADP+)
(RN) EC 1.1.1.79
(SY) glycollate-NADP+ oxidoreductase
(SY) glyoxylate reductase II
(HM) *ALCOHOL OXIDOREDUCTASES
(NO) catalyzes reversibly the oxidation of glycollate to glyoxylate in the presence of NADP

glyoxylic acid
(RN) 298-12-4
(RR) 2706-75-4 (Na salt)
(RR) 2990-19-4 (Ca salt)
(RR) 15183-36-5 (2-(14)C-labeled cpd Na salt)
(RR) 15273-60-6 (14C-labeled cpd Na salt)
(RR) 16105-99-0 (2-(14)C-labeled cpd)
(RR) 19573-09-2 (14C2-labeled cpd)
(SY) glyoxylate
(HM) GLYOXYLATES
(NO) RN given refers to parent cpd

Glyo-6 see pyridoxilate

glypentide
(RN) 32797-92-5
(SY) UR-661
(SY) glipentida
(SY) glipentide
(HM) *SULFONYLUREA COMPOUNDS
(PA) ANTIDIABETICS
(NO) structure

Gly-Phe see glycylphenylalanine

Gly(A1)Phe(B1)-dicitracoaylinsulin see insulin, dicitraconyl Gly(A1)Phe(B1)-

Gly-Phe-naphthylamide see glycylphenylalanine 2-naphthylamide

gly-D-phenylalanine see glycylphenylalanine

gly-L-phenylalanine see glycylphenylalanine

glyphosate
(RN) 1071-83-6
(RR) 70393-85-0 (Na salt)
(RR) 40465-91-6 (unspecified Mg salt)
(RR) 40465-90-5 (unspecified Zn salt)
(RR) 40465-70-1 (Cu(2+) salt)
(RR) 40465-67-6 (unspecified Ca salt)
(RR) 40465-66-5 (mono-NH4 salt)
(RR) 40465-64-3 (di-Na salt)
(RR) 40465-59-6 (di-Li salt)
(RR) 39600-58-3 (HCl[2:1])
(RR) 39600-56-1 (Mg salt[2:1])
(RR) 39600-55-0 (Ca salt[1:1])
(RR) 39600-42-5 (mono-K salt)
(RR) 34494-03-6 (mono-Na salt)
(SY) N-(phosphonomethyl)glycine
(SY) Roundup
(HM) GLYCINE/*analogs
(PA) HERBICIDES
(II) UNCOUPLING AGENTS
(NO) active cpd in herbicidal formulation Roundup; structure; RN given refers to parent cpd

glyphosphine
(RN) 2439-99-8
(SY) N,N-bis(phosphonomethyl)glycine
(HM) GLYCINE/*analogs
(HM) *ORGANOPHOSPHORUS COMPOUNDS
(II) PLANT GROWTH REGULATORS

glypin see glipin

glypressin
(RN) 14636-12-5
(SY) triglycyl-(8-lysine)vasopressin
(SY) N-(alpha)-glycyl-glycyl-glycyl-8-lysine vasopressin
(SY) triglycyl lysine vasopressin
(SY) TGLVP
(SY) triglycylvasopressin
(SY) glycylpressin
(SY) vasopressin, tri-Gly-8-Lys-
(HM) LYPRESSIN/*analogs

glypressin, 1-deamino see 1-deamino-triglycyl-8-lysine-vasopressin

Gly-Pro see glycylproline

Gly-Pro-aminopeptidase see glycylproline dipeptidyl aminopeptidase

Gly-Pro-Arg see glycyl-prolyl-arginine

Gly-Pro-Arg-Pro see glycyl-prolyl-arginyl-proline

Gly-Pro-Arg-Val see glycyl-prolyl-arginyl-valine

Gly-Pro-4-Hyp-Gly-Ala-Gly see antiarrhythmic peptide

Gly-Pro-HyPro-Gly-Ala-Gly see antiarrhythmic peptide

Gly-Pro-NA see glycyl-proline-1-naphthylamide

Gly-Pro-1-naphthylamide see glycyl-proline-1-naphthylamide

(Gly-Pro-Ser)n see poly(glycyl-prolyl-serine)

Gly(8)-salmon calcitonin see calcitonin, salmon, Gly(8)-

Gly-Sar see glycylsarcosine

Gly-Ser-His-Lys see glycyl-seryl-histidyl-lysine

Gly-Ser-Phe see glycyl-seryl-phenylalanine

glysolamide see glisolamide

Gly(12)-substance P see substance P, Gly(12)-

Gly-tRNA see tRNA, glycine-

Gly-Trp see glycyltryptophan

Gly-Tyr see glycyltyrosine

Gly-Val see glycylvaline

(Gly-Val-Hyp)n see poly(glycyl-valyl-hydroxyproline)

(Gly)4 see glycyl-glycyl-glycyl-glycine

GL-4 see Forssman glycolipid

GL-5 see Forssman glycolipid

G-MAC see glycidyl trimethylammonium

GM(2) activating protein see GM(2) activator

GM1 activator protein see ganglioside hydrolysis activator proteins

GM(2) activator
(SY) GM(2) activating protein
(HM) *PROTEINS
(II) G(M2) GANGLIOSIDE
(NO) isolated from human brain; specific for enzymatic hydrolysis of GM(2) ganglioside; deficient in patients with Type AB GM(2) gangliosidosis; MW 19,000-23,000; see also record for GM1 activator protein

Gm-3.2 antigen
(SY) antigen Gm 3.2
(HM) *ISOANTIGENS
(NO) found on all mouse neutrophils in peritoneal exudates & in bone marrow & macrophages; differentiation antigen of myeloid cells

GM1-beta-galactosidase see lactosylceramidase II

GM-CSF receptor see colony-stimulating factor receptor

GMF see glial maturation factor

GM3-GalNac-transferase see UDPacetylgalactosamine-(N-acetylneuraminyl)-D-galactosyl-D-glucosylceramide acetylgalactosaminyltransferase

GM(1) ganglioside beta-galactosidase see lactosylceramidase II

GM3 ganglioside sialidase
(RN) EC 3.2.1.-
(SY) hematoside neuraminidase
(SY) ganglioside sialidase
(HM) *NEURAMINIDASE
(NO) enzyme deficient in mucolipidosis IV

GM4 ganglioside see ganglioside, GM4

GM2 N-glycolylneuraminic acid ganglioside
(SY) GM2(NeuGc)
(SY) GalNAc(1-4)NeuGc(2-3)Gal(1-4)Glc(1-1)Cer
(HM) *G(M2) GANGLIOSIDE/analogs

GM1-fucosyltransferase see GDPfucose-GM1 ganglioside alpha-fucosyltransferase

Gm(m)
(HM) *IMMUNOGLOBULINS, FC
(HM) *IMMUNOGLOBULINS, GAMMA CHAIN
(NO) serum factor associated with Fc fraction of IgG heavy chain

GMMA see glyceryl methyl methacrylate

GM2(NeuGc) see GM2 N-glycolylneuraminic acid ganglioside

GM3-NeuGc see N-glycolylneuraminyllactosylceramide

GM1-oligosaccharide see G(M1)-oligosaccharide

GMP kinase see guanylate kinase

GMP (5'-N(6))lysine
(SY) guanosine monophosphate (5'-N(epsilon))lysine
(HM) LYSINE/*analogs
(HM) GUANOSINE MONOPHOSPHATE/*analogs
(NO) intermediate isolated in mRNA guanylyltransferase capping reaction

GMP-PCP see 5'-guanylylmethylenebisphosphonate

Gm(5')ppp see 2'-O-methylguanosine 5'-triphosphate

GMP pyrophosphorylase see guanine phosphoribosyltransferase

GMP reductase
(RN) EC 1.6.6.8
(RR) 9029-32-7 (CRN)
(HM) *NADH, NADPH OXIDOREDUCTASES

GMPS-SP see substance P, pGlu(5)-MePhe(8)-Sar(9)-

GMP synthase (glutamine hydrolysing)
(RN) EC 6.3.5.2
(RR) 37318-71-1 (CRN)
(HM) *LIGASES
(NO) consider also GMP synthetase EC 6.3.4.1

GMP synthetase
(RN) EC 6.3.4.1
(RR) 9023-55-6 (CRN)
(HM) *LIGASES
(NO) consider also GMP synthetase (glutamine hydrolysing) EC 6.3.5.2

GMP-140 see platelet alpha-granule membrane protein

GMP 140 see platelet alpha-granule membrane protein

m(7)GMP
(SY) RNA,messenger(7)GMP
(SY) m(7)G5'P
(HM) *RNA CAP ANALOGS
(NO) cap analog

GM3-sialosyltransferase see CMP-acetylneuraminate-alpha-N-acetylneuramide alpha-2,8-sialyltransferase

GM2 synthase see UDPacetylgalactosamine-(N-acetylneuraminyl)-D-galactosyl-D-glucosylceramide acetylgalactosaminyltransferase

GM(3) synthetase see haematoside synthetase

GM3 UDP-N-acetylgalactosaminyl transferase see UDPacetylgalactosamine-(N-acetylneuraminyl)-D-galactosyl-D-glucosylceramide acetylgalactosaminyltransferase

GM1b see ganglioside M1b

Gm19 see 2'-O-methylguanosine

GNAC-3-fucosyltransferase see beta-N-acetylglucosaminide alpha 1-3- fucosyltransferase

GNAC-4-fucosyltransferase see N-acetylglucosaminide alpha 1-4-fucosyltransferase

G-8-1-NA see N-(guanin-8-yl)-1-naphthylamine

GNRH-A see AY 25,205

GNRHa see AY 25,205

GnRH, N-Ac-Ala(1)-4-Cl-Phe(2)-Trp(3,6)- see LHRH, N-Ac-Ala(1)-4-Cl-Phe(2)-Trp(3,6)-

GnRH, N-Ac-4-Cl-Phe(1,2)-Trp(3)-Lys(6)-Ala(10)- see LHRH, N-Ac-4-Cl-Phe(1,2)-Trp(3)-Lys(6)-Ala(10)-

GnRH,(Ac-dehydro-Pro(1)-p-Cl-Phe(2)-Trp(3,6))-N-(alpha)-MeLeu(7)- see GnRH, (Ac-dehydro-Pro(1)-4-Cl-Phe(2)-Trp(3,6))-N-(alpha)-MeLeu(7)-

GnRH, (Ac-dehydro-Pro(1)-4-Cl-Phe(2)-Trp (3,6))-N-(alpha)-MeLeu(7)-
(RN) 74611-71-5
(SY) APPTL-GnRH
(SY) (Ac-dehydro-Pro(1),p-Cl-D-Phe(2),D-Trp(3,6))-N-(alpha)-MeLeu(7)-GnRH
(SY) (acetyl-dehydro-1-prolyl-p-Cl-phenylalanyl-3,6-tryptophyl))-N-(alpha)-methyl-7-leucine-GnRH
(SY) GnRH,(Ac-dehydro-Pro(1)-p-Cl-Phe(2)-Trp(3,6))-N-(alpha)-MeLeu(7)-
(HM) *PITUITARY HORMONE RELEASE INHIBITING HORMONES
(NO) gonadotropin-releasing hormone antagonist which decreased testosterone production & sexual organ weight & disrupted spermatogenesis

GNRH, Ac-dehydro-Pro(1)-4-F-(Phe(2)-Trp(3,6)- see LHRH, Ac-dehydro-Pro(1)-4-F-Phe(2)-Trp(3,6)-

GnRH, Ac-delta(3)-Pro(1)-4-F-Phe(2)-Trp(3)-Lys(6)- see LHRH, Ac-delta(3)-Pro(1)-4-F-Phe(2)-Trp(3)-Lys(6)-

GNRH, Ac-delta(2)-Pro(1)-p-F-Phe(2)-Trp(3,6)- see LHRH, Ac-dehydro-Pro(1)-4-F-Phe(2)-Trp(3,6)-

GnRH, Ala(6)-N-Me-Leu(7)-N-Et-Pro(9)- see Wy 40905

GnRH-6-D-alanyl-9-N-ethylprolinamide-10-deglycinamide see AY 25,205

GnRH, des-(pGlu)(1)- see LHRH, des-(pGlu)(1)-

GnRH, N-Et-Ala(6)- see LHRH, N-Et-Ala(6)-

GnRH, N-Et-ProNH(2)(9)-His(imBzl)(6)-des-GlyNH(2)(10)- see LHRH, N-Et-ProNH(2)(9)-His(imBzl)(6)-des-GlyNH(2)(10)-

GnRH, N-Et-ProNH(2)(9)-Leu(6)-des-GlyNH(2)(10)- see leuprolide

GnRH, N-Et-ProNH(2)(9)-Leu(6)-Leu(N-alpha-Me)(7)-des-GlyNH(2)(10)- see LHRH, N-Et-ProNH(2)(9)-Leu(6)-Leu(N- alpha-Me)(7)-des-GlyNH(2)(10)-

GnRH, N-Et-ProNH(2)(9)-Trp(6)-des-GlyNH(2)(10)- see LHRH, N-Et-ProNH(2)(9)-Trp(6)-des-GlyNH(2)(10)-

GnRH, N-Et-ProNH(2)(9)-Trp(6)-Leu(N-Me)(7)-des-GlyNH (2)(10)- see Wy 40972

GNRH-like factor see LHRH-like peptide

GnRH, Lys(6)-N-epsilon-azidobenzoyl- see LHRH, Lys(6)-N-epsilon-azidobenzoyl-

GnRH, Lys(6)- see LHRH, Lys(6)-

GNRH, pGlu(1)-Phe(2)-Trp(3)-Lys(6)- see LHRH, pGlu(1)-Phe(2)-Trp(3)-Lys(6)-

GNRH, pGlu-Phe-Trp-Ser-Lys(6)-N-epsilon-azidobenzoyl- see LHRH, pGlu-Phe-Trp-Ser-Lys(6)-N-epsilon-azidobenzoyl-

GnRH, pGlu(1)-Phe(2)-Trp(3,6)- see LHRH, pGlu(1)-Phe(2)-Trp(3,6)-

GnRH, Phe(2)-Ala(6)- see LHRH, Phe(2)-Ala(6)-

GnRH, Phe(2)-Pro(3)-Phe(6)- see LHRH, Phe(2)-Pro(3)-Phe(6)-

GnRH receptor see LHFSHRH receptor

GnRH receptors see LHFSHRH receptor

GnRH, salmon see LH-FSH releasing hormone, salmon

goblin see ankyrin

godamed
(HM) *ASPIRIN
(HM) *GLYCINE
(HM) DRUG COMBINATIONS
(PA) ANTICOAGULANTS
(NO) combination of above cpds used as prophylaxis against embolic thrombosis

Goe-1734 see Goe 1734

Goe 1734
(SY) 4-aminobenzoyl-2-phenylenediamine
(SY) Goe-1734
(HM) *PHENYLENEDIAMINES
(PA) ANTINEOPLASTIC AGENTS
(NO) structure given in first source

Goe 3764 see asocainol

Goe-3764 see asocainol

Goe-4474 see asocainol

Goe 4474 see asocainol

Goe-4704A see asocainol

Goe 4704A see asocainol

goitrin
(RN) 13190-34-6
(RR) 500-12-9 ((S)-isomer)
(RR) 13997-13-2 ((+-)-isomer)
(RR) 1072-93-1 ((R)-isomer)
(SY) 5-vinyl-2-thiooxazolidone
(HM) *OXAZOLES
(PA) THYROID ANTAGONISTS
(NO) RN given refers to cpd with unspecified isomeric designation

gold chloride
(RN) 11118-27-7
(RR) 23098-79-5 (AuCl2)
(RR) 13453-07-1 (AuCl3)
(RR) 10294-30-1 (AuCl3 dihydrate)
(RR) 10294-29-8 (AuCl)
(HM) *GOLD
(NO) RN given refers to cpd with unknown MF

gold keratinate see Aurodetoxin

gold sodium thiosulfate
(RN) 38295-16-8
(RR) 10233-88-2 (Au-Na[2:1:3] salt)
(RR) 10210-36-3 (Au-Na[2:1:3] salt dihydrate)
(SY) sanocrisine
(SY) SANOCHRYSINE
(SY) sodium aurothiosulfate
(HM) *GOLD
(NO) RN given refers to Au-Na[1:1:1] salt

Gold, (2,3,4,6-tetra-O-acetyl-1-thio-beta-D-glucopyranosato-S)(triethylphosphine)- see auranofin

gold tetrabromide, acid
(RN) 17083-68-0
(RR) 14323-32-1 (K salt)
(RR) 52495-41-7 (Na salt)
(RR) 13682-59-2 (Cs salt)
(RR) 13464-73-8 (Rb salt)
(SY) potassium tetrabromoaurate
(SY) KAuBr4
(HM) *GOLD
(HM) *BROMIDES
(NO) RN given refers to parent cpd (hydrogen)

gold trichloride, acid
(RN) 16903-35-8
(RR) 33724-13-9 (NH4 salt hydrate[3:2])
(RR) 1303-50-0 (tetrahydrate)
(RR) 13005-39-5 (K salt dihydrate)
(RR) 3145-91-3 (Li salt)
(RR) 31113-23-2 (NH4 salt)
(RR) 17033-22-6 (198Au-labeled cpd)
(RR) 16961-25-4 (trihydrate)
(RR) 15189-51-2 (Na salt)
(RR) 14337-12-3 (base)
(RR) 13874-02-7 (Na salt dihydrate)
(RR) 13682-62-7 (Rb salt)
(RR) 13682-61-6 (K salt)
(RR) 13682-60-5 (Cs salt)
(RR) 1303-50-0 (tetrahydrate)
(RR) 35269-72-8 (2H-labeled cpd)
(SY) gold trichloride hydrochloride
(SY) HAuCl4
(SY) chlorauric acid
(SY) chlorauric acid
(HM) *GOLD
(HM) *CHLORIDES
(NO) used in root canal therapy; RN given refers to (SP-4-1)

gold trichloride hydrochloride see gold trichloride, acid

G(M1)-oligosaccharide
(RN) 85373-04-2
(SY) GM1-oligosaccharide
(HM) *OLIGOSACCHARIDES
(NO) structure given in first source

golytely
(HM) *ELECTROLYTES
(HM) *POLYETHYLENE GLYCOLS
(II) SOLUTIONS
(NO) electrolyte solution for gut lavage with sodium sulfate as predominant salt & polyethylene glycol as additional osmotic agent; also contains sodium chloride, potassium chloride & sodium bicarbonate

GOM hydratase see gamma-oxalomesaconate hydratase

gomisin D see schisantherin

gomisins see schisantherin

gonadorelin
(RN) 33515-09-2
(RR) 51952-40-0 (mono-HCl)
(RR) 51952-41-1 (unspecified HCl)
(RR) 34973-08-5 (unspecified acetate)
(RR) 52699-48-6 (unspecified acetate hydrate)
(RR) 38579-26-9 (3H-labeled cpd)
(SY) AY 24,031
(SY) Hoe 471
(SY) lutal
(SY) relisorm L
(HM) *LH-FSH RELEASING HORMONE
(II) HORMONES, SYNTHETIC
(NO) synthetic decapeptide luteal-hormone releasing hormone; RN given refers to parent cpd

gonadotropin inhibiting material, human urine see gonadotropin inhibitor

gonadotropin inhibiting substances, urinary see gonadotropin inhibitor

gonadotropin inhibitor
(SY) anti-LH
(SY) gonadotropin inhibiting substances, urinary
(SY) GIM-HU
(SY) gonadotropin inhibiting material, human urine
(HM) *GLYCOPROTEINS
(PA) LH/antag
(PA) GONADOTROPINS/antag
(NO) sialic acid containing glycoprotein from human urine

gonadotropin receptor see LHFSHRH receptor

gonadotropin-releasing hormone receptors see LHFSHRH receptor

goniopora toxin
(RN) 73468-60-7
(SY) gonioporatoxin
(HM) *PEPTIDES
(II) COELENTERATE VENOMS
(NO) polypeptide isolated from coral

gonioporatoxin see goniopora toxin

gonococcal growth inhibitor
(HM) *PEPTIDES
(PA) GROWTH INHIBITORS
(NO) antigonococcal produced by Staphylococcus haemolyticus; MW 2,565; contains 25 amino acids

gonyautoxin
(RN) 77462-64-7
(SY) gonyautoxins
(HM) SAXITOXIN/*analogs
(II) MARINE TOXINS
(II) DINOFLAGELLIDA
(NO) RN given refers to gonyautoxin with unknown MF; structure

gonyautoxin-I see gonyautoxin I

gonyautoxin I
(RN) 60748-39-2
(RR) 64296-26-0 (gonyautoxin IV)
(SY) gonyautoxin IV
(SY) gonyautoxin-I
(SY) gonyautoxin-IV
(HM) SAXITOXIN/*analogs
(II) MARINE TOXINS
(NO) structure in first source; RN given refers to gonyautoxin I; RN for parent cpd not in Chemline 10/84; gonyantoxin IV is isomer of gonyautoxin I

gonyautoxin II
(RN) 60508-89-6
(RR) 60537-65-7 (gonyautoxin III)
(HM) SAXITOXIN/*analogs
(II) MARINE TOXINS
(NO) RN given refers to (3aS-(3aalpha,4alpha,9beta,10aR*))-isomer; gonyautoxin III is the (9alpha)-isomer of gonyautoxin II

gonyautoxin-IV see gonyautoxin I

gonyautoxin IV see gonyautoxin I

gonyautoxins see gonyautoxin

gonyautoxin V
(RN) 64296-25-9
(SY) gonyautoxin-V
(HM) SAXITOXIN/*analogs
(II) MARINE TOXINS
(NO) structure in first source

gonyautoxin-V see gonyautoxin V

gonyautoxin VI
(RN) 82810-44-4
(SY) gonyautoxin-VI
(HM) SAXITOXIN/*analogs
(II) MARINE TOXINS
(NO) structure in first source

gonyautoxin-VI see gonyautoxin VI

gonyautoxin VIII
(RN) 80226-62-6
(SY) gonyautoxin-VIII
(HM) SAXITOXIN/*analogs
(II) MARINE TOXINS
(NO) structure in first source

gonyautoxin-VIII see gonyautoxin VIII

gophacide
(RN) 4104-14-7
(HM) *ORGANOTHIOPHOSPHORUS COMPOUNDS
(PA) RODENTICIDES
(NO) structure

gordox
(RN) 52229-70-6
(SY) hordox
(HM) *TRYPSIN INHIBITORS

gorse agglutinin
(HM) *LECTINS

gossypetin 8-glucoside see gossypin

gossypin
(RN) 652-78-8
(SY) gossypetin 8-glucoside
(HM) *BIOFLAVONOIDS
(NO) do not confuse with gossypin(e) which is synonym for choline

gossypol acetic acid
(RN) 12542-36-8
(HM) GOSSYPOL/*analogs
(PA) SPERMATOCIDAL AGENTS

gossypol BAES see gossypol beta-aminoethyl sodium sulfate

gossypol beta-aminoethyl sodium sulfate
(RN) 76500-07-7
(SY) gossypol BAES
(SY) megasin
(HM) GOSSYPOL/*analogs

gossypolone
(RN) 4547-72-2
(HM) GOSSYPOL/*analogs
(PA) SPERMICIDAL AGENTS
(NO) structure given in first source

gossypol-polyvinylpyrrolidone
(RN) 77111-05-8
(SY) gossypol-PVP
(SY) PVP-gossypol
(HM) *GOSSYPOL
(HM) *POVIDONE
(HM) DRUG COMBINATIONS
(PA) SPERMATOCIDAL AGENTS

gossypol-PVP see gossypol-polyvinylpyrrolidone

gossypol tetra-acetic acid see gossypol tetracetic acid

gossypol tetracetic acid
(RN) 74032-65-8
(SY) gossypol tetra-acetic acid
(HM) GOSSYPOL/*analogs
(PA) SPERMATOCIDAL AGENTS

gostatin
(RN) 78416-84-9
(SY) gostatine
(SY) 5-amino-2-carboxy-4-oxo-1,4,5,6-tetrahydropyridine-3-acetic acid
(HM) *AMINO ACIDS, DICARBOXYLIC
(PA) ASPARTATE AMINOTRANSFERASE/antag
(NO) amino acid produced by Streptomyces sumanensis; time-dependent inhibitor of aspartate transaminase; RN given from CA Index Guide; RN not in Chemline 8/84; structure given in first source

gostatine see gostatin

gougerotin
(RN) 2096-42-6
(SY) asteromycin
(SY) aspiculamycin
(HM) PYRIMIDINE NUCLEOSIDES
(PA) ANTIBIOTICS
(PA) ANTIBIOTICS, ANTINEOPLASTIC

Go-10213 see Go 10213

Go 10213
(RN) 56302-13-7
(SY) 1-methanesulfonyl-3-(1-methyl-5-nitroimidazol-2-yl)-2-imidazolidinone
(SY) CG-10213-Go
(SY) Go-10213
(SY) satranidazole
(HM) *NITROIMIDAZOLES
(PA) ANTITRICHOMONAL AGENTS
(PA) AMEBICIDES
(NO) structure given in first source

233-Go see sintamil

2330 Go see sintamil

Go-687 see etozolin

Go 7996B see tinazoline

gp40 antigen see glycoprotein 40 antigen

GP52 antigen see glycoprotein 52 antigen

GPA 1734
(RN) 21852-25-5
(SY) GPA-1734
(HM) *BENZOQUINOLIZINE/analogs
(II) IRON CHELATES

GPA-1734 see GPA 1734

G3PBP see glycerol-3-phosphate-binding protein

GpCpA see guanylyl-(5'-3')-cytidylyl-(5'-3')-adenosine

GPDE-phosphodiesterase see glycerophosphodiester phosphodiesterase

GP-300-350 (Epstein-Barr virus) see GP 300-350 (Epstein-Barr virus)

GP 300-350 (Epstein-Barr virus)
(SY) glycoprotein 300-350
(SY) GP-300-350 (Epstein-Barr virus)
(HM) *GLYCOPROTEINS
(II) MEMBRANE PROTEINS
(II) VIRAL PROTEINS
(NO) component of Epstein-Barr membrane antigen

GPFA see N'-geranylpiperazinylfarnesyl acetamide

d(GpG) see deoxyguanylyl-(3'-5')-guanosine

GpG see guanylyl-(3'-5')-guanosine

GP90 glycoprotein see glycoprotein GP90, Trypanosoma cruzi

GP IIb see platelet membrane glycoproteins

m-GP III see glycoprotein GP III

s-GP III see glycoprotein GP III

gpL115 see gpL 115

gpL 115
(SY) gpL-115
(SY) gpL115
(HM) *SIALOGLYCOPROTEINS
(NO) MW 115,000; human lymphocyte surface sialoglycoprotein defective in patients with Wiscott-Aldrich syndrome

gpL-115 see gpL 115

G-PMMA see gentamicin-polymethylmethacrylate bead

GPNAase see glycylproline 4-nitroanilidase

GP 4-NA see glycylproline 4-nitroanilide

1-GPPB see 1-(beta-D-glucopyranosyl)phenobarbital

GppCH2p see 5'-guanylylmethylenebisphosphonate

GP72 phosphoglycoprotein see phosphoglycoprotein GP72

m(7)GpppN-pyrophosphatase
(RN) EC 3.6.1.-
(HM) *PYROPHOSPHATASES

G(5')pppp(5') see guanosine 5'-tetraphosphate

GPPT-LHRH see LHRH, pGlu-Pro(1)-Phe(2)-Trp(3,6)-

G-protein, ROS see rod outer segment G-protein

G protein, viral see viral G protein

N(4)-GPSM see N(4)-glucopyranosylsulfamethazine

Gp4G synthetase see guanosinetriphosphate guanylyltransferase

GPT-LHRH see LHRH, pGlu(1)-Phe(2)-Trp(3,6)-

GP 110 see glycoprotein 110

GP-130 see GP 130

GP 130
(RN) 42013-48-9
(RR) 36981-93-8 (HCl)
(SY) G 130
(SY) 2-phenyl-5,5-dimethyltetrahydro-1,4-oxazine
(SY) GP-130
(HM) *MORPHOLINES
(PA) ANTIDEPRESSIVE AGENTS
(PA) APPETITE DEPRESSANTS
(NO) anorectic; CNS stimulant; synonym G 130 refers to HCl; RN given refers to parent cpd; structure

gp138 see glycoprotein GP138

GP 140 see GP140

GP-140 see GP140

GP140
(SY) glycoprotein 140
(SY) GP 140
(SY) GP-140
(HM) *GLYCOPROTEINS
(NO) major, noncollagenous glycoprotein from fibroblasts; resistant to digestion with trypsin; characterized

GP-158 see proline-rich polypeptide

GP 158 see proline-rich polypeptide

GP 180 see glycoprotein 110

GP4G see diguanosine tetraphosphate

GP 47680 see oxcarbazepine

GP 47779
(RN) 29331-92-8
(SY) GP-47779
(SY) 10-OH-carbazepine
(SY) 10,11-dihydro-10-hydroxycarbamazepine
(HM) CARBAMAZEPINE/*analogs
(NO) main metabolite of oxcarbazepine; structure given in first source

GP-47779 see GP 47779

GP 49689
(RN) 22106-60-1
(SY) GP-49689
(SY) 3-chloro-alpha-methyl-4-(1H-pyrrol-1-yl) benzeneacetic acid
(HM) *PHENYLPROPIONATES
(NO) metabolite of pirprofen; structure given in first source

GP-49689 see GP 49689

GP53,633 see GP 53,633

GP 53,633
(RN) 40061-07-2
(SY) GP-53633
(SY) GP53,633
(SY) 2-tert-butyl-4(5)-phenyl-5(4)-(3-pyridyl) imidazole
(HM) *IMIDAZOLES
(PA) ANTI-INFLAMMATORY AGENTS
(NO) structure given in first source

GP-53633 see GP 53,633

GP 55-129
(RN) 85595-46-6
(SY) GP-55129
(HM) *BENZODIAZEPINES
(PA) TRANQUILIZING AGENTS, MINOR

GP-55129 see GP 55-129

GP 650 see 2-oxo-3-(4-(1-oxo-2-isoindolinyl)phenyl)butanamide

GP 69
(SY) GP-69
(HM) *GLYCOPROTEINS
(NO) no other information available 4/5/83

GP-69 see GP 69

GP71A see glycoprotein 71A (Friend virus)

GP-88 see glycoprotein 88

GP88 see glycoprotein 88

GQ1b ganglioside
(RN) 68652-37-9
(SY) ganglioside GQ1B
(HM) *GANGLIOSIDES
(II) NERVE GROWTH FACTORS
(NO) ganglioside with nerve growth factor like activities in two neuroblastoma cell lines

gracillin
(RN) 19083-00-2
(HM) *SPIROSTANS
(II) PLANTS, MEDICINAL
(NO) spirostan glycoside from Tamus communis; RN given refers to (3beta,25R)-isomer; RN for cpd without isomeric designation not in Chemline 5/85

Grafil
(SY) carbon fiber
(SY) carbon felt
(HM) *CARBON

gramicidin A, 7,8-des-Val-
(SY) 7,8-des-Val-gramicidin A
(SY) gramicidin A, 7,8-desvaline-
(SY) 7,8-devaline-gramicidin A
(HM) *GRAMICIDINS

gramicidin A, 7,8-desvaline- see gramicidin A, 7,8-des-Val-

gramicidin A, Leu(5)-
(SY) Leu(5)-gramicidin A
(SY) leucine(5)-gramicidin A
(SY) gramicidin A, leucine(5)-
(HM) *GRAMICIDINS

gramicidin A, leucine(5)- see gramicidin A, Leu(5)-

gramicidin S synthase 1 see phenylalanine racemase (ATP-hydrolyzing)

gramicidin S synthase 2 see gramicidin-S-synthetase

gramicidin-S-synthetase
(RN) EC 6.3.2.-
(SY) gramicidin S synthase 2
(HM) *MULTIENZYME COMPLEXES
(HM) *PEPTIDE SYNTHETASES
(HM) *AMINO ACID ISOMERASES
(NO) enzyme I activates proline, valine, ornithine & leucine; enzyme II is phenylalanine activating & racemizing EC 5.1.1.11

gramine
(RN) 87-52-5
(HM) *ALKALOIDS
(NO) structure

Gram's stain
(HM) *GENTIAN VIOLET
(HM) *PHENAZINES
(II) STAINS AND STAINING
(NO) microorganisms are stained with gentian violet, treated with Lugol's iodine, decolorized with ethanol & counterstained with a contrasting dye, usually safranine

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granaticin
(RN) 19879-06-2
(SY) granaticin A
(SY) litmomycin
(SY) granatomycins
(HM) *NAPHTHOQUINONES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) structure

granaticin A see granaticin

granatomycins see granaticin

grandaxin see tofisopam

grandiflorenic acid
(RN) 22338-67-6
(HM) *DITERPENES
(NO) structure

granosan MDB
(RN) 517-16-8
(SY) ceresan M
(SY) ethylmercury-p-toluene sulfonanilide
(HM) *ETHYLMERCURY COMPOUNDS
(PA) FUNGICIDES, INDUSTRIAL
(NO) structure

granular blue
(RN) 71431-29-3
(HM) *INDOLES
(II) FLUORESCENT DYES
(NO) RN from CA Index Guide 1984; RN not in Chemline 2/85

granuliberin see granuliberin R

granuliberin R
(RN) 64704-41-2
(SY)
Phe-Leu-Pro-Ile-Tyr-Arg-Arg-Pro-Ala-Ser-amide
(SY) phenylalanyl-leucyl-prolyl-isoleucyl-tyrosyl-arginyl-arginyl-prolyl-alanyl-serylamide
(SY) granuliberin
(HM) *OLIGOPEPTIDES
(NO) mast cell degranulating peptide in frogs

granulin matrix protein see viral matrix proteins

granulocyte adherence factor
(SY) adherence augmenting factor
(SY) granulocyte adhesion promoting surface glycoprotein
(SY) Mo1 glycoprotein
(HM) *BLOOD PROTEINS
(HM) *GLYCOPROTEINS

granulocyte adhesion promoting surface glycoprotein see granulocyte adherence factor

granuloma protein
(HM) *PROTEINS
(NO) MW 55,000; from mouse; fully protects mice against infection by L. monocytogenes & activates mouse peritoneal cells against Lewis carcinoma cells

grapon see thiambutene

gratisin
(RN) 37294-30-7
(HM) PEPTIDES, CYCLIC
(PA) ANTIBIOTICS
(NO) from Bacillus brevis; cyclodecapeptide; struture given in first source

gravibinan see gravibinian

gravibinian
(SY) gravibinon
(SY) gravibinan
(HM) ESTRADIOL/*analogs
(HM) DRUG COMBINATIONS
(NO) combination of estradiol valerate & hydroxyprogesterone caproate used in therapy for prevention of threatened abortion

gravibinon see gravibinian

gravistat see stediril

gravohormone combination
(HM) *GONADOTROPINS, EQUINE
(HM) *GONADOTROPINS, CHORIONIC
(HM) DRUG COMBINATIONS
(II) FERTILITY AGENTS
(NO) preparation produced in Russia & Bulgaria to shorten the period from calving to impregnation & raise the conception rate & the fertility in cows

grayanotoxin I
(RN) 4720-09-6
(SY) acetylandromedol
(SY) andromedotoxin
(SY) rhomotoxin
(HM) *DITERPENES
(PA) NEUROMUSCULAR DEPOLARIZING AGENTS
(PA) ANTIHYPERTENSIVE AGENTS
(II) TOXINS
(NO) RN given refers to (3beta,6beta,14R)-isomer; RN for cpd without isomeric designation not in Chemline 8/83; structure

grayanotoxin II
(RN) 4678-44-8
(HM) *DITERPENES
(II) TOXINS
(NO) extract from leaves of Ericaceae; structure

grayanotoxin III
(RN) 4678-45-9
(HM) *DITERPENES
(II) TOXINS
(NO) extract from leaves of Ericaceae; RN given refers to (3beta,6beta,14R)-isomer; RN for cpd without isomeric designation not in Chemline 8/83; structure

D.C. Green No. 6 see cyanine green G base

D.C. Green No. 8 see pyranine

Green S
(RN) 3087-16-9
(SY) lissamine green B
(SY) C.I. 44090
(SY) wool green 5
(SY) acid green 50
(SY) green 5
(HM) *LISSAMINE GREEN DYES
(II) FOOD COLORING AGENTS

green 5 see Green S

grevillol
(RN) 5259-01-8
(SY) 5-tridecyl-1,2-benzenediol
(HM) *CATECHOLS
(PA) ADENOSINE TRIPHOSPHATASE, SODIUM, POTASSIUM/antag
(NO) RN given from CA Index guide; RN not in Chemline 10/84; structure given in first source

GRF(1-29)-Ala(2) see somatotropin releasing hormone (1-29), 2-Ala-

GRF-PHI heptacosapeptide amide
(SY) growth hormone releasing factor-porcine intestinal heptacosapeptide
(HM) *PEPTIDES
(II) GROWTH HORMONE RELEASING HORMONE
(II) GASTROINTESTINAL HORMONES

GRF receptor see somatotropin receptor

GRF tissue adhesive see gelatin-resorcinol-formaldehyde tissue adhesive

GRF (1-44) see somatocrinin

Griffonia simplicifolia agglutin-I
(SY) GS-I lectin
(HM) *LECTINS

Griffonia simplicifolia I-B(4) isolectin see isolectins

Grisaldon
(RN) 8014-03-7
(HM) *PARABENS
(HM) DRUG COMBINATIONS
(NO) mixture of p-hydroxybenzoic acid methyl ester & p-hydroxybenzoic acid propyl ester

grisein
(RN) 1391-82-8
(SY) kormogrisein
(SY) grisin
(SY) grizin
(HM) *ANTIBIOTICS
(NO) from Streptomyces griseus

Griselimycin, 1-(1-dodecyl-2-piperidinecarboxylic acid)- see 27753R.P.

griseochelin
(HM) CARBOXYLIC ACIDS
(PA) ANTIBIOTICS
(NO) isolated from asporogenous strain of Streptomyces griseus; structure given in first source

griseoviridin
(RN) 1393-90-4
(HM) PEPTIDES, CYCLIC
(PA) ANTIBIOTICS
(NO) produced by Streptomyces griseus

grisin see grisein

grisorixin
(RN) 31357-58-1
(RR) 57377-40-9 (mono-Cs salt)
(RR) 57377-38-5 (mono-Li salt)
(RR) 57377-36-3 (mono-K salt)
(RR) 57377-39-6 (mono-Rb salt)
(RR) 57377-37-4 (mono-Ag(+1) salt)
(RR) 57377-41-0 (mono-Tl(+1) salt)
(RR) 34052-60-3 (mono-Na salt)
(HM) *NIGERICIN/analogs
(II) IONOPHORES
(NO) ionophorous antibiotic of nigericin group isolated from cultures of a strain of Streptomyces griseus; RN given refers to parent cpd; structure in sixth source

grizin see grisein

Grofas see quindoxin

gross cyst disease fluid protein see GCDFP

gross cyst disease fluid protein-15 see GCDFP

gross cystic disease fluid protein see GCDFP

Grossman's sealer
(HM) *ROOT CANAL FILLING MATERIALS
(NO) no other info avaialable 6/85

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grotan BK
(RN) 4719-04-4
(HM) *TRIAZINES
(PA) MUTAGENS
(NO) bactericidal agent used in coolant liquids; structure

grotan OX
(RN) 66204-44-2
(HM) *OXAZOLES
(II) ALLERGENS
(II) DISINFECTANTS
(NO) formaldehyde-releasing bactericidal agent used in cooling oils; structure given in first source

ground nut oil see arachis oil

group antigen glycoproteins see gag viral proteins

group B III Strep toxin see streptococcal polysaccharide type III group B

group A streptococcal carbohydrate see streptococcal polysaccharide group A

group A streptococcal cell wall carbohydrate see streptococcal group A cell wall carbohydrate

group A streptococcal polysaccharide see streptococcal polysaccharide group A

group B type III streptococcal polysaccharide see streptococcal polysaccharide type III group B

group B type II strep capsular polysaccharide see streptococcal polysaccharide II group B

growth hormone, iodinated see somatotropin, iodinated

growth hormone receptor see somatotropin receptor

growth hormone releasing factor-porcine intestinal heptacosapeptide see GRF-PHI heptacosapeptide amide

growth hormone releasing factor 40 see somatotropin releasing factor 40

growth hormone releasing factor 44 see somatocrinin

growth inhibitory proteins
(HM) *MEMBRANE PROTEINS
(HM) *GROWTH INHIBITORS
(NO) membrane protein which arrests cell growth in the 3T3 cell plasma membrane; see also record for fibroblast growth factor

GRPP see glicentin-related pancreatic peptide

GRP (14-27) see gastrin releasing peptide (14-27)

GsbI endonuclease see endodeoxyribonuclease GsuI

3-GSH-acetaminophen see 3-(glutathion-S-yl)acetaminophen

GSH-CDNB see 1-chloro-2,4-dinitrobenzene-glutathione conjugate

GSHL see glycyl-seryl-histidyl-lysine

GSH receptor see glutathione receptor

GS-I lectin see Griffonia simplicifolia agglutin-I

GS-Mal see glutathione maleimide

GS-MIS see misonidazole-glutathione conjugate

GSP(1-3)AGTase see glycosphingolipid beta1-3-N-acetylglucosaminyltransferase

GSP(1-6)AGTase see glycosphingolipid beta1-6-N-acetylglucosaminyltransferase

GSSG see glutathione disulfide

M-GSSG-NQ see 2-methyl-3-glutathionyl-1,4-naphthoquinone

g-strophanthidin see ouabagenin

G-substrate
(SY) cerebellum protein substrate for cGMP dependent protein kinase
(SY) protein G
(HM) *NERVE TISSUE PROTEINS
(II) PROTEIN KINASES
(II) SUBSTRATE SPECIFICITY
(NO) exhibits greater specificity for cGMP-dependent protein kinase than for cAMP-dependent protein kinase

GsuI endonuclease see endodeoxyribonuclease GsuI

G 418 sulfate see antibiotic G-418

GS 13005 see methidathion

GS 23654 see nitroscanate

GS 2989 see meclocycline

3GS see glucuronyl glucosamine glycan sulfate

3 GS see glucuronyl glucosamine glycan sulfate

G-111 tartrate see G 111

GTBE see di-tert-butyl glutamate

GT(1)ganglioside see ganglioside, GT1

GT1b ganglioside see ganglioside, GT1

GTPalphaS see guanosine 5'-O-(1-thiotriphosphate)

GTP alpha S see guanosine 5'-O-(1-thiotriphosphate)

GTP-AMP phosphotransferase see nucleoside triphosphate-adenylate kinase

GTPase, magnesium see magnesium GTPase

GTPbetaS see guanosine 5'-O-(2-thiotriphosphate)

GTP beta S see guanosine 5'-O-(2-thiotriphosphate)

GTP-CAH see guanosine triphosphate N-chloroacetylhydrazone

GTPE see 1-(1-glycero)tetradeca-1,3,5,7,9-pentaene

GTP-gamma-azidoanilidate see GTP gamma-4-azidoanilide

GTP gamma-p-azidoanilide see GTP gamma-4-azidoanilide

GTP gamma-4-azidoanilide
(RN) 60869-76-3
(SY) gamma-(p-azidoanilide)-GTP
(SY) GTP-gamma-azidoanilidate
(SY) GTP gamma-p-azidoanilide
(SY) AAGTP
(SY) 4-azidoanilido-5'-GTP
(HM) GUANOSINE TRIPHOSPHATE/*analogs
(HM) *AZIDES
(II) AFFINITY LABELS

GTP gamma S see GTPgammaS

GTPgammaS
(RN) 37589-80-3
(SY) guanosine 5'-(3-O-thio)triphosphate
(SY) GTP gamma S
(SY) guanosine 5'-O-(3-thiotriphosphate)
(SY) gamma-thio-GTP
(SY) guanosine 5'-(gamma-S)triphosphate
(HM) GUANOSINE TRIPHOSPHATE/*analogs
(HM) *THIONUCLEOTIDES

GTP mRNA guanylyltransferase see m-RNA Guanylyltransferase

GTPox see 2-(guanylformylmethoxy)-3-(triphospho)propanal

GTP-RNA guanylyltransferase
(RN) EC 2.7.7.-
(SY) terminal guanylyltransferase
(HM) *RNA NUCLEOTIDYLTRANSFERASES
(NO) catalyzes addition of GMP residue to 3'-ends of oligonucleotide primers

m(7)GTP see 7-methylguanosine triphosphate

8-N(3)GTP see 8-azidoguanosine triphosphate

G-Tril see febarbamate

GTX I see geographutoxin I

GTX II see geographutoxin II

GT-101 see GT 101

GT 101
(RN) 80518-95-2
(SY) dimethyl-2-(tetrahydro-2-furanyl)ethylsulfonium
(SY) GT-101
(HM) *FURANS
(II) ADJUVANTS, IMMUNOLOGIC
(NO) RN given refers to 4-methylbenzenesulfonate[1:1] salt; RN for parent cpd not in Chemline 8/11/83; structure given in first source

guacetisal see broncaspin

guaiacol ibuprofen ester see AF 2259

guaiacolic ester, acetylsalicylic acid see broncaspin

guaiacol peroxidase see hydroperoxidase II

guaiacolsulfonate potassium see guaiacolsulfonic acid

guaiacolsulfonic acid
(RN) 50855-43-1
(RR) 1321-14-8 (mono-K salt)
(SY) Thiocol
(SY) guaiacolsulfonate potassium
(SY) potassium guaiacolsulfonate
(HM) GUAIACOL/*analogs
(NO) elastomer used as dental impression material; mixture of the potassium salt of 4- & 5-guaiacolsulfonic acid; RN given refers to parent cpd

guaiacylglycerol-beta-coniferyl ether
(SY) GGBCE
(HM) GUAIACOL GLYCERYL ETHER/*analogs
(NO) structure given in first source

guaiacylglycerol-beta-guaiacyl ether
(SY) GGBGE
(HM) GUAIACOL GLYCERYL ETHER/*analogs
(NO) structure given in first source

guaiazulene
(RN) 489-84-9
(SY) azulon
(SY) guajazulene
(HM) *SESQUITERPENES
(PA) ANTI-INFECTIVE AGENTS
(NO) structure

guaiazulene sulfonic acid see azulene SN

guaimesal
(RN) 81674-79-5
(SY)
2-(2-methoxyphenoxy)-2-methyl-1,3-benzodioxan-4-one
(HM) *DIOXANES
(PA) ANTI-INFLAMMATORY AGENTS
(PA) EXPECTORANTS
(NO) RN & structrue given in USAN 1985; RN not in Chemline 12/84

guajazulene see guaiazulene

guamecycline
(RN) 16545-11-2
(RR) 51025-86-6 (mono-HCl)
(RR) 19115-46-9 (unspecified HCl)
(RR) 13040-98-7 (di-HCl)
(SY) xanthocycline
(SY) xanthomycin A
(HM) *TETRACYCLINES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) RN given refers to (4S-(4alpha,4aalpha,5aalpha,6beta,12aalpha))-isomer; RN for cpd without isomeric designation not in Chemline 8/83

guanacline
(RN) 1463-28-1
(RR) 10593-65-4 (unspecified sulfate)
(RR) 23389-32-4 (sulfate[1:1] dihydrate)
(RR) 1562-71-6 (sulfate[1:1])
(SY) cyclazenine
(HM) *GUANIDINES
(NO) RN given refers to parent cpd; structure

guanadrel
(RN) 40580-59-4
(RR) 22195-34-2 (sulfate[2:1])
(HM) *GUANIDINES
(PA) ANTIHYPERTENSIVE AGENTS
(NO) RN given refers to parent cpd; structure

guanazodine
(RN) 32059-15-7
(RR) 42839-36-1 (sulfate[1:1])
(SY) EGYT-739
(SY) guanidinomethyl-1-monoazacyclooctane
(SY) Sanegyt
(SY) 2-guanidinomethylheptamethyleneimine
(SY) perhydroazocin-2-ylmethylguanidine
(SY) Sanegit
(HM) GUANETHIDINE/*analogs
(PA) ANTIHYPERTENSIVE AGENTS
(NO) synonyms EGYT-739 & Sanegyt (Sanegit) refers to sulfate; RN given refers to parent cpd; structure

guanclofine
(RN) 55926-23-3
(SY) (2-(2,6-dichloroanilino)ethyl)guanidine
(HM) *GUANIDINES
(NO) structure given in first source

guancydine
(RN) 1113-10-6
(HM) *GUANIDINES
(PA) ANTIHYPERTENSIVE AGENTS
(NO) minor descriptor (72-85); on-line & Index Medicus search GUANIDINES (72-85)

guanethidine N-oxide
(RN) 22388-79-0
(RR) 24318-64-7 (sulfate [1:1])
(HM) GUANETHIDINE/*analogs
(NO) RN given refers to parent cpd

guanfacine
(RN) 29110-47-2
(RR) 29110-48-3 (mono-HCl)
(SY) LON798
(SY) BS 100-141
(SY) estulic
(HM) *GUANIDINES
(HM) *PHENYLACETATES
(PA) ANTIHYPERTENSIVE AGENTS
(PA) ADRENERGIC ALPHA RECEPTOR AGONISTS
(NO) RN given refers to parent cpd; structure

Guan-fu base A
(RN) 1394-48-5
(HM) *ALKALOIDS
(PA) ANTI-ARRHYTHMIA AGENTS
(NO) isolated from the tuber of Aconitum doreanum; RN given refers to (2alpha,11alpha,13R)-isomer; structure in first source

guanidine
(RN) 113-00-8
(RR) 50-01-1 (mono-HCl)
(RR) 87862-39-3 (14C-labeled cpd)
(RR) 77160-75-9 (sulfite[1:1])
(RR) 64120-25-8 (monohydrate)
(RR) 52470-25-4 (nitrate)
(RR) 23918-44-7 (unspecified HBr)
(RR) 19244-98-5 (mono-HBr)
(RR) 19227-70-4 (mono-HI)
(RR) 1763-07-1 (unspecified phosphate)
(RR) 1184-68-5 (unspecified sulfate)
(RR) 646-34-4 (sulfate[1:1])
(RR) 594-14-9 (sulfate[2:1])
(RR) 29110-48-3 (mono-HCl)
(SY) guanidium chloride
(SY) guanidinium chloride
(SY) guanidine thiocyanate
(SY) guanidinium
(HM) *GUANIDINES
(NO) used in treatment of maysthenia gravix; RN given refers to parent cpd

2-guanidinebenzimidazole see 2-benzimidazolylguanidine

guanidine thiocyanate see guanidine

guanidinium see guanidine

guanidinium chloride see guanidine

guanidinoacetate see glycocyamine

guanidino acetate amidinohydrolase see glycocyaminase

guanidinoacetate methylpherase see guanidinoacetate methyltransferase

guanidinoacetate methyltransferase
(RN) EC 2.1.1.2
(RR) 9029-75-8 (CRN)
(SY) guanidinoacetate methylpherase
(SY) guanidoacetate methyltransferase
(HM) *METHYLTRANSFERASES

guanidinoacetic acid see glycocyamine

2-guanidino-benzimidazole see 2-benzimidazolylguanidine

guanidinobenzoatase see guanidinobenzoate esterase

guanidinobenzoate esterase
(RN) EC 3.1.1.-
(SY) guanidinobenzoatase
(HM) *CARBOXYLIC ESTER HYDROLASES
(NO) cleaves both 4-nitrophenyl-p-guanidinobenzoate & 4-methylumbelliferyl-p-guanidinobenzoate with the release of nitrophenol & methylumbelliferone, respectively

4-(4-guanidinobenzoyloxy)phenylacetic acid see FOY 251

3'-(4-guanidinobenzoyloxy)spiro (isobenzofuran-1-(3H),9'-(9H)xanthen)-3-one
(SY) 3-HFGB
(SY) 3HFGB
(HM) *XANTHINES
(HM) *GUANIDINES
(NO) structure given in first source

4-guanidino-n-butyl syringate see leonurine

guanidinobutyrase
(RN) EC 3.5.3.7
(RR) 9013-69-8 (CRN)
(HM) *UREOHYDROLASES

2-guanidino-4-(2-(2-cyano-3-methylguanidino) ethylthiomethyl)thiazole see tiotidine

guanidino-N,N-dimethylarginine see N,N-dimethylarginine

guanidino-N(1),N(2)-dimethylarginine see N,N'-dimethylarginine

guanidinoethane sulfonate see taurocyamine

guanidinoethane sulfonic acid see taurocyamine

2-guanidinoethanol
(RN) 63885-25-6
(HM) *GUANIDINES
(NO) from human urine; RN given refers to mono-HCL; RN for parent cpd not in Chemline 7/85; structure given in first source

N-(2-guanidinoethyl)-5-isoquinolinesulfonamide see HA 1004

guanidinoethylmercaptosuccinic acid
(RN) 77482-44-1
(SY) GEMSA
(HM) *SUCCINATES

guanidinoethyl sulfonate see taurocyamine

6-guanidinohexanesulfonic acid
(RN) 82154-75-4
(HM) *ALKYL SULFONATES
(PA) ANALEPTICS

trans-4-guanidinomethylcyclohexanecarboxylic acid tert-butylphenyl ester see NCO 650

2-guanidinomethylheptamethyleneimine see guanazodine

guanidinomethyl-1-monoazacyclooctane see guanazodine

guanidinooxypropylamine
(HM) *GUANIDINES
(HM) *PROPYLAMINES
(NO) from Wistaria floribunda seeds & seedlings of Canavalia gladiata

p-guanidino-L-phenylalanine see 4-guanidinophenylalanine

4-guanidinophenylalanine-2-phenyl-5-thiazolone
(RN) 88291-51-4
(SY) PTA-GPA
(HM) PHENYLALANINE/*analogs
(NO) trypsin & pronase substrate; structure given in first source

4-guanidinophenylalanine
(RN) 2776-36-5
(RR) 64043-92-1 (unspecified HCl(DL)-isomer)
(SY) para-guanidinophenylalanine
(SY) p-guanidino-L-phenylalanine
(HM) PHENYLALANINE/*analogs

guanidinopropionic acid
(RN) 353-09-3
(SY) beta-guanidinopropionate
(SY) beta-guanidinopropionic acid
(HM) *GUANIDINES
(HM) *PROPIONIC ACIDS
(NO) alters creatine metabolism; structure

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guanidino propyl piperazine
(RN) 69017-90-9
(SY) CKO 569A
(SY) 1,4-bis(3-(n-hexylcarbamylguanidino)propyl piperazine dimethanesulfonic acid
(SY) CK 569A
(HM) *PIPERAZINES
(HM) *GUANIDINES
(PA) ANTI-INFECTIVE AGENTS, LOCAL
(NO) anti-plaque agent; RN given refers to dimethanesulfonate; RN for parent cpd not in Chemline 8/83; structure given in first source

guanidinospermidine
(RN) 15271-45-1
(HM) SPERMIDINE/*analogs

guanidinosuccinic acid
(RN) 6133-30-8
(RR) 40860-52-4 ((DL)-isomer)
(HM) *GUANIDINES
(HM) *SUCCINATES
(NO) a metabolite in uremia; metabolic product of amino acid metabolism; RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 7/84

guanidium chloride see guanidine

guanidoacetate methyltransferase see guanidinoacetate methyltransferase

guanidoacetic acid see glycocyamine

guanido-amphotericin B see amphotericin B, N-(N'-(3-dimethylaminopropyl)-N"- ethylguanyl)-

2'-guanidyl-2'-deaminogentamicin C1 see S 86451

guanidylfungin A
(RN) 94116-22-0
(HM) LACTONES
(PA) ANTIBIOTICS, ANTIFUNGAL
(NO) from Streptomyces hygroscopicus No. 662; structure given in second source

guanidylfungin B
(HM) LACTONES
(PA) ANTIBIOTICS, ANTIFUNGAL
(NO) from Streptomyces hygroscopicus No. 662; structure given in second source

guanine insertase see queuine tRNA transferase

guanine insertion enzyme see queuine tRNA transferase

guanine methylase see O(6)-methylguanine-DNA methyltransferase

guanine monophosphate, 9-(1,3-dihydroxy-2-propoxymethyl)- see 9-(1,3-dihydroxy-2-propoxymethyl)-GMP

guanine 7-oxide
(SY) guanine-7-oxide
(SY) PD 113876
(SY) PD-113,876
(HM) GUANINE/*analogs
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) from Streptomyces sp.; structure given in first source

guanine-7-oxide see guanine 7-oxide

guanine phosphoribosyltransferase
(RN) EC 2.4.2.-
(SY) GMP pyrophosphorylase
(HM) *PENTOSYLTRANSFERASES
(NO) guanine yields GMP

guanine, queuine-tRNA transglycosylase see queuine tRNA transferase

guanine ribonucleotidyl-(3'-5')-adenosine
(RN) 6554-00-3
(SY) guanylyl-(3'-5')-adenosine
(HM) *GUANINE NUCLEOTIDES
(HM) ADENOSINE/*analogs

guanine-tRNA transglycosylase see queuine tRNA transferase

guanine-xanthine phosphoribosyltransferase see xanthine phosphoribosyltransferase

N-(guanin-8-yl)-1-naphthylamine
(RN) 80156-61-2
(SY) G-8-1-NA
(HM) *1-NAPHTHYLAMINE/analogs
(NO) structure given in first source

guanosine 5'-(alpha,beta-methylene) triphosphate
(RN) 14997-54-7
(SY) GABMTP
(HM) GUANOSINE TRIPHOSPHATE/*analogs
(NO) enhances microtubule nucleation

guanosine aminohydrolase see guanosine deaminase

guanosine 5'-(beta,gamma-methylene) triphosphate
(RN) 30100-88-0
(SY) beta,gamma-methylene-guanosine 5'-triphosphate
(HM) GUANOSINE TRIPHOSPHATE/*analogs

guanosine 5'-(beta-thio)diphosphate see 6-thioguanosine 5'-diphosphate

guanosine deaminase
(RN) EC 3.5.4.15
(RR) 9067-85-0 (CRN)
(SY) guanosine aminohydrolase
(HM) *AMINOHYDROLASES

guanosine-2-deoxy-2-fluoro-D-glucose diphosphate ester
(SY) GDP-FGlc
(HM) *DEOXYGLUCOSE/analogs

guanosine diphosphatase
(RN) EC 3.6.1.-
(HM) *PHOSPHATASES

guanosine diphosphate N-chloroacetylhydrazone
(SY) GDP-CAH
(HM) GUANOSINE DIPHOSPHATE/*analogs
(PA) GUANINE NUCLEOTIDE REGULATORY PROTEIN/antag
(NO) structure given in first source

guanosine 5'-diphosphate 3'-diphosphate pyrophosphorylase
(RN) EC 2.7.7.-
(SY) ppGpp pyrophosphorylase
(SY) PPGPPase
(HM) *NUCLEOTIDYLTRANSFERASES
(NO) releases pyrophosphate, yielding ppG

guanosine diphosphate glucose
(RN) 5750-57-2
(RR) 13117-62-9 (14C-labeled cpd)
(RR) 991-43-5 ((D)-isomer)
(SY) guanosine diphosphoglucose
(SY) GDPG
(SY) GDP glucose
(HM) *GUANOSINE DIPHOSPHATE SUGARS
(NO) acts as a source of glucose for cellulose synthesis in some plants; minor descriptor (75-83); on-line & Index Medicus search GUANOSINE DIPHOSPHATE SUGARS (75-83); RN given refers to (alpha-D)-isomer; RN for cpd without isomeric designation not in Chemline 8/9/83

guanosine 5'-diphosphate-3'-monophosphate
(RN) 58902-76-4
(SY) ppGp
(SY) MSIII
(HM) *GUANINE NUCLEOTIDES

guanosine diphosphoglucose see guanosine diphosphate glucose

guanosine 5'-(gamma-S)triphosphate see GTPgammaS

guanosine hydrolase see nucleosidase

guanosine monophosphate (5'-N(epsilon))lysine see GMP (5'-N(6))lysine

5'-guanosine nucleoside 5'-tetraphosphate see guanosine 5'-tetraphosphate

guanosine nucleotide exchange factor see eIF-2 stimulating protein

guanosine 5'-phospho-2-ethylimidazolide
(SY) 2-EtTMPG
(HM) *GUANOSINE MONOPHOSPHATE/analogs
(NO) condenses on poly C template to give 3'to 5'-linked oligo(G)s

guanosine 5'-phosphoimidazolide
(RN) 69281-33-0
(SY) guanosine 5'-phosphorimidazolineGuanosine, 5'-(hydrogen 1H-imidazol-1-ylphosphonate)
(SY) guanosine 5'-phosphoroimidazolide
(SY) ImpG
(HM) *GUANOSINE MONOPHOSPHATE/analogs

guanosine 5'-phospho-2-methylimidazolide
(RN) 80242-42-8
(SY) 2-MeIMPG
(HM) *GUANOSINE MONOPHOSPHATE/analogs

guanosine 5'-phosphorimidazolineGuanosine, 5'- (hydrogen 1H-imidazol-1-ylphosphonate) see guanosine 5'-phosphoimidazolide

guanosine 5'-phosphoroimidazolide see guanosine 5'-phosphoimidazolide

guanosine 5'-tetraphosphate
(RN) 3369-85-5
(SY) G(5')pppp(5')
(SY) 5'-guanosine nucleoside 5'-tetraphosphate
(HM) *GUANOSINE TETRAPHOSPHATE
(II) ISOMERISM
(NO) isomer of guanosine tetraphosphate (ppGpp)

guanosine 5'-O-(2-thiodiphosphate)
(RN) 71376-97-1
(SY) GDP(beta-S)
(SY) guanyl-5'-yl thiophosphate
(HM) *THIONUCLEOTIDES
(HM) GUANOSINE DIPHOSPHATE/*analogs

guanosine 5'-O-(1-thiotriphosphate)
(SY) GTP alpha S
(SY) GTPalphaS
(HM) *THIONUCLEOTIDES
(HM) GUANOSINE TRIPHOSPHATE/*analogs

guanosine 5'-O-(2-thiotriphosphate)
(SY) GTP beta S
(SY) GTPbetaS
(HM) *THIONUCLEOTIDES
(HM) GUANOSINE TRIPHOSPHATE/*analogs

guanosine 5'-O-(3-thiotriphosphate) see GTPgammaS

guanosine 5'-(3-O-thio)triphosphate see GTPgammaS

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guanosine triphosphate N-chloroacetylhydrazone
(SY) GTP-CAH
(HM) GUANOSINE TRIPHOSPHATE/*analogs
(PA) GUANINE NUCLEOTIDE REGULATORY PROTEIN/antag
(NO) structure given in first source

guanosine 5'-triphosphate-3'-diphosphate 5'-phosphohydrolase
(RN) EC 3.1.3.-
(SY) pppGpp-5'-phosphohydrolase
(HM) *PHOSPHOMONOESTERASES
(NO) forms guanosine 5'-diphosphate, 3'-diphosphate

guanosinetriphosphate guanylyltransferase
(RN) EC 2.7.7.45
(RR) 54576-89-5 (CRN)
(SY) Gp4G synthetase
(HM) *NUCLEOTIDYLTRANSFERASES

N-(guanosin-8-yl)-3-N-acetylamino-4,6-dimethyldipyrido(1,2-a-3',2'-d)imidazole
(SY) Guo-A-Glu-P-3
(HM) *IMIDAZOLES
(HM) GUANOSINE/*analogs

guanoxabenz
(RN) 24047-25-4
(RR) 27818-21-9 (unspecified HCl)
(RR) 23256-40-8 (mono-HCl)
(SY) 1-(2,6-dichlorobenzylideneamino)-3-hydroxyguanidine
(HM) *GUANABENZ/analogs
(PA) ANTIHYPERTENSIVE AGENTS
(NO) RN given refers to parent cpd

guanylate kinase
(RN) EC 2.7.4.8
(RR) 9026-59-9 (CRN)
(SY) GMP kinase
(SY) guanylate kinase 1
(HM) *NUCLEOSIDE MONOPHOSPHATE KINASES

guanylate kinase 1 see guanylate kinase

1-guanyl-3,5-dimethylpyrazole nitrate see 3,5-dimethylpyrazole-1-carboxamidine

S-(2-(N(7)-guanyl)ethyl)glutathione
(RN) 87367-17-7
(SY) GEGSH
(HM) GLUTATHIONE/*analogs

2-(guanylformylmethoxy)-3-(triphospho) propanal
(RN) 58045-02-6
(SY) GTPox
(SY) 2',3'-dialdehyde GTP
(SY) dial GTP
(HM) GUANOSINE TRIPHOSPHATE/*analogs
(II) AFFINITY LABELS
(NO) binds to tubulin molecule & promotes polymerization; periodate oxidation product of GTP; RN from first source; cpd not in Chemline 7/29/83

N-guanyltyramine
(SY) 1-(4-hydroxyphenyl)-2-guanidinoethane
(HM) TYRAMINE/*analogs
(NO) used for detection of NAD-arginine ADPribosyltransferases in animal tissues

guanylurea cimetidine
(RN) 77076-18-7
(HM) CIMETIDINE/*analogs
(NO) blood metabolite of cimetidine

guanylyl-(3'-5')-adenosine see guanine ribonucleotidyl-(3'-5')-adenosine

guanylyl-(beta,gamma-methylene)diphosphonate see 5'-guanylylmethylenebisphosphonate

guanylyl-(3',5')-cytidine
(RN) 4785-04-0
(HM) *GUANOSINE MONOPHOSPHATE/analogs
(HM) CYTIDINE/*analogs

guanylyl-(5'-3')-cytidylyl-(5'-3')-adenosine
(RN) 3393-25-7
(SY) GpCpA
(HM) *OLIGORIBONUCLEOTIDES

guanylyl-(3'-5')-guanosine
(RN) 3353-33-1
(SY) GpG
(HM) *GUANOSINE MONOPHOSPHATE/analogs
(HM) GUANOSINE/*analogs

5'-guanylylmethylenebisphosphonate
(RN) 13912-93-1
(SY) GMP-PCP
(SY) guanyl-5'-ylmethylenediphosphonate
(SY) GppCH2p
(SY) guanylyl-(beta,gamma-methylene)diphosphonate
(HM) GUANOSINE TRIPHOSPHATE/*analogs
(PA) ANTIVIRAL AGENTS
(NO) also known as GDP-CH2P

guanyl-5'-ylmethylenediphosphonate see 5'-guanylylmethylenebisphosphonate

guanyl-5'-yl thiophosphate see guanosine 5'-O-(2-thiodiphosphate)

guanylyltransferase
(RN) EC 2.7.7.-
(HM) *NUCLEOTIDYLTRANSFERASES
(NO) guanylation of heterologous RNA containing 2 or 3 phosphate or G(5')pppN at their 5' terminal; transfer of a GMP moiety from GTP to the 5' end of an RNA molecule containing at least two terminal phosphate

guaran see guar gum

guar by-product see guar meal

guar flour see guar gum

guar gum
(RN) 9000-30-0
(SY) guaran
(SY) gum guar
(SY) guar flour
(SY) supercol GF
(SY) slocose
(HM) *MANNANS
(HM) *GALACTANS
(II) DIETARY FIBER
(NO) bulk-forming appetite depressant; water-soluble component is guaran; see also record for locust bean gum (supercol)

guar meal
(SY) guar by-product
(HM) *PLANT PROTEINS
(NO) fraction other than guar gum after milling of guar beans; chemically different from guar gum, containing 35-40% protein and less than 5% galactomannan

guavin B
(RN) 94530-90-2
(HM) *TANNINS
(II) PLANTS, MEDICINAL
(NO) from Psidium guajava; structure given in first source

Guggul see guggulu extract

guggulu extract
(SY) gum guggulu
(SY) Guggul
(SY) Yogaraj-guggulu
(HM) *PLANT EXTRACTS
(NO) extract of Commiphora mukul Engl.

gulonate see gulonic acid

gulonate dehydrogenase
(RN) EC 1.1.1.45
(RR) 9028-48-2 (CRN)
(SY) aldonate dehydrogenase
(SY) beta-hydroxyacid dehydrogenase
(SY) NAD-L-hexonate dehydrogenase
(SY) aldehyde reductase II
(SY) L-gulonate oxidoreductase
(SY) L-3-hydroxyacid dehydrogenase
(HM) *CARBOHYDRATE DEHYDROGENASES

L-gulonate oxidoreductase see gulonate dehydrogenase

gulonic acid
(RN) 20246-33-7
(RR) 526-97-6 ((L)-isomer)
(RR) 6027-87-8 (mono-Na salt(L)-isomer)
(RR) 2002-49-5 (ion(1-)(L)-isomer)
(SY) gulonate
(HM) *SUGAR ACIDS
(NO) RN given refers to (D)-isomer; RN for cpd without isomeric designation not in Chemline 8/83

L-gulono-gamma-lactone dehydrogenase see L-gulonolactone oxidase

gulonolactone hydrolase see aldonolactonase

L-gulonolactone oxidase
(RN) EC 1.1.3.8
(RR) 9028-78-8 (CRN)
(SY) L-gulonooxidase
(SY) L-gulono-gamma-lactone dehydrogenase
(HM) *SUGAR ALCOHOL DEHYDROGENASES
(NO) forms ascorbic acid

L-gulonooxidase see L-gulonolactone oxidase

gum guar see guar gum

gum guggulu see guggulu extract

gummiferin see carboxyatractyloside

Guo-A-Glu-P-3 see N-(guanosin-8-yl)-3-N-acetylamino-4,6-dimethyldipyrido(1,2-a-3',2'-d)imidazole

gurmar
(HM) *PLANT EXTRACTS
(PA) HYPOGLYCEMIC AGENTS
(II) PLANTS, MEDICINAL
(NO) Ayurvedic medicinal herb Gymnema Sylvestre

Gut Factor see proctolin

gut GLI see glucagon-like-immunoreactivity

gut glucagon-like immunoreactants see glucagon-like-immunoreactivity

gutta percha-euchapercha see euchapercha

guvacine
(RN) 498-96-4
(RR) 6027-92-5 (HBr)
(RR) 6027-92-5 (HCl)
(HM) *NICOTINIC ACIDS
(NO) RN given refers to parent cpd

G-6-VAN see glucose-6-vanadate

GVAPSPAT amide see glutamyl-valyl-asparaginyl-phenylalanyl-seryl-prolyl-asparaginyl-tryptophanamide

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GV 523
(SY) GV-523
(HM) *IMMUNOGLOBULINS

GV-523 see GV 523

GX see glycinexylidide

Gx 258
(RN) 75625-99-9
(SY) Gx-258
(SY) 2-(4-dimethylvinylphenyl)propionic acid
(HM) IBUPROFEN/*analogs
(PA) ANTI-INFLAMMATORY AGENTS
(PA) ANALGESICS, ANTI-INFLAMMATORY
(NO) structure given in first source

Gx-258 see Gx 258

GYKI 11.121 see 2-hydroxy-5-carbomethoxybenzyloxyamine

GYKI-11679 see GYKI 11679

GYKI 11679
(RN) 69579-13-1
(SY) 1-(6-morpholino-3-pyridazinyl)-2-(1-(tert-butoxycarbonyl)-2-propylidene)diazane
(SY) GYKI-11679
(HM) *MORPHOLINES
(PA) ANTIHYPERTENSIVE AGENTS
(NO) structure given in first source

GYKI 14166 see GYKI 14,166

GYKI-14166 see GYKI 14,166

GYKI-14,166 see GYKI 14,166

GYKI 14,166
(RN) 79338-56-0
(SY) D-Phe-Pro-Arg
(SY) D-phenylalanyl-prolyl-arginine
(SY) GYKI-14,166
(SY) GYKI 14166
(SY) GYKI-14166
(HM) *OLIGOPEPTIDES
(PA) PROTEASE INHIBITORS
(PA) ANTICONVULSANTS
(PA) THROMBIN/antag

GYKI 14238 see enkephalin, Met(2)-ProNH(2)(5)-

GYKI-14,451 see GYKI 14,451

GYKI 14451 see GYKI 14,451

GYKI-14451 see GYKI 14,451

GYKI 14,451
(RN) 69201-89-4
(SY) Boc-D-Phe-Pro-Arg-H
(SY) tert-butyl-oxy-carbonyl-D-Phe-Pro-Arg-H
(SY) tert-butyloxycarbonyl-phenylalanyl-prolyl-arginyl
(SY) GYKI-14,451
(SY) GYKI 14451
(SY) GYKI-14451
(HM) *OLIGOPEPTIDES
(PA) ANTICOAGULANTS
(PA) FIBRINOLYTIC AGENTS
(PA) PROTEASE INHIBITORS
(NO) inhibits thrombin induced platelet aggregation; also a serine protease inhibitor

GYKI 32887
(RN) 78463-86-2
(SY) GYKI-32887
(HM) *ERGOLINES
(NO) decreases locomotor activity when injected into the nucleus accumbens of rats; RN given refers to maleate; RN for parent cpd not in Chemline 7/84

GYKI-32887 see GYKI 32887

GYKI-41099 see tobanum

GYKI 51189
(RN) 82230-53-3
(SY) GYKI-51189
(SY) 1-(3-chlorophenyl)-4-methyl-7,8-dimethoxy-5H-2,3-benzodiazepine
(HM) *BENZODIAZEPINES
(PA) TRANQUILIZING AGENTS, MINOR
(NO) RN given from Toxline; RN not in Chemline 6/85

GYKI-51189 see GYKI 51189

gymnemic acid
(RN) 1399-64-0
(SY) potassium gymnemate
(HM) *TRITERPENES
(NO) triterpene antisweetening agent

Gymnodinium breve toxin
(SY) Ptychodiscus brevis T4(6) toxin
(HM) *MARINE TOXINS
(II) DINOFLAGELLIDA

gynergen see ergotamine tartrate

Gynodian
(RN) 81569-96-2
(SY) Gynodian-depot
(SY) SH 70833 D
(HM) DEHYDROEPIANDROSTERONE/*analogs
(HM) ESTRADIOL/*analogs
(HM) DRUG COMBINATIONS
(NO) combination of dehydroepiandrosterone enanthate & estradiol valerate

Gynodian-depot see Gynodian

gyrB protein see gene proteins, bacterial

gyromitrin
(RN) 16568-02-8
(SY) ethylidene gyromitrin
(SY) N-methyl-N-formylhydrazone acetaldehyde
(HM) ACETALDEHYDE/*analogs
(PA) HALLUCINOGENS
(PA) CARCINOGENS
(II) MYCOTOXINS
(NO) isolated from edible mushroom Gyromitra (Helvella) esculenta; inhalation hallucinogen; highly toxic; structure

G 1026
(RN) 80859-11-6
(SY) G-1026
(HM) *BENZOPHENONES
(PA) ANTHELMINTICS
(NO) structure in first source

G-1026 see G 1026

G 111
(RN) 38285-26-6
(RR) 79961-71-0 (unspecified tartrate salt)
(RR) 72061-62-2 (tartrate[1:1]salt)
(SY) G 112
(SY) G-111 tartrate
(SY) G-112
(SY) 7-(2-bis(2-hydroxyethyl)aminoethyl)theophylline
(HM) AMINOPHYLLINE/*analogs
(PA) BRONCHODILATOR AGENTS
(NO) RN given refers to parent cpd; structure given in first source

G-112 see G 111

G 112 see G 111

G 130 see GP 130

G1549 see BN-227

G 17 see heptadecapeptide gastrin

G 25671
(RN) 3736-92-3
(SY) G-25671
(SY) 1,2-diphenyl-4-(2-(phenylthio)ethyl)-3,5-pyrazolidinedione
(HM) SULFINPYRAZONE/*analogs
(PA) PROSTAGLANDIN SYNTHASE/antag
(NO) metabolite of sulfinpyrazone; inhibits human platelet cyclo-oxygenase activity

G-25671 see G 25671

G-31442 see G 31442

G 31442
(RN) 1106-50-9
(SY) 1,2-diphenyl-4-(2-(phenylsulfonyl)ethyl-3,5-pyrazolidinedione
(SY) G-31442
(HM) SULFINPYRAZONE/*analogs
(PA) PROSTAGLANDIN SYNTHASE/antag
(NO) metabolite of sulfinpyrazone; inhibits human platelet cyclo-oxygenase activity

G-33378 see G 33378

G 33378
(RN) 1174-98-7
(SY) 1-(4-hydroxyphenyl)-2-phenyl-4-(2-(phenylthio) ethyl)-3,5-pyrazolidinedione
(SY) G-33378
(HM) SULFINPYRAZONE/*analogs
(PA) PROSTAGLANDIN SYNTHASE/antag
(NO) metabolite of sulfinpyrazone; inhibits human platelet cyclo-oxygenase activity

G-34 see big gastrin

G34 see big gastrin

G 367 S1 see 2'-N-formylsisomycin

G-367 S(1) see 2'-N-formylsisomycin

G-418 see antibiotic G-418

G-472-b see diphezyl

G 52 see G-52

G-52
(RN) 51909-61-6
(SY) 6'-N-methylsisomicin
(SY) G 52
(HM) SISOMICIN/*analogs
(NO) from fermentation of Micromonospora zionensis

G 526 see bemosat

G 5668 see prethcamide

G-5668 see prethcamide

G-610 see trichlorophene

G-665 see mecarzole

G-800 see dabequin

G 937
(RN) 78474-28-9
(SY) G-937
(HM) *BENZOPHENONES
(PA) ANTHELMINTICS
(NO) structure in first source

G-937 see G 937

Ha antigen see SS-B antigen

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HABA
(RN) 1634-82-8
(SY) 2-(4'-hydroxybenzene)azobenzoic acid
(SY) 2-((4'-hydroxyphenyl)azo)benzoic acid
(HM) *AZO COMPOUNDS
(II) FLUORESCENT DYES

habekacin
(RN) 51025-85-5
(SY) 1-N-((S)-4-amino-2-hydroxybutyryl)dibekacin
(HM) AMINOGLYCOSIDES
(PA) ANTIBIOTICS
(NO) structure given in first source

N-HABZ see N-hydroxy-N'-acetylbenzidine

HAC
(HM) HEXAMETHYLMELAMINE
(HM) DOXORUBICIN
(HM) CISPLATIN
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above 3 cpds

hachi-azule N see azulene SN

hachimycin
(RN) 1394-02-1
(SY) trichomycin
(HM) *ANTIBIOTICS, ANTIFUNGAL
(NO) major descriptor (78-85); on-line search ANTIBIOTICS, ANTIFUNGAL (66-85); Index Medicus search TRICHOMYCIN (63-77); HACHIMYCIN (78-85)

hadacidin
(RN) 689-13-4
(RR) 2618-22-6 (mono-Na salt)
(SY) hadicidine
(SY) N-formyl-N-hydroxyglycine
(SY) N-formyl hydroxyaminoacetic acid
(HM) GLYCINE/*analogs
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) inhibitor of AMP synthesis; RN given refers to parent cpd; structure

hadicidine see hadacidin

HADT see
3-hydroxy-16-acetoxy-1,11,12-dolabell-4,8,18-triene

19-HAED see 19-hydroxy-4-androstene-3,17-dione

HaeII endonuclease see endodeoxyribonuclease HaeII

HaeIII endonuclease see endodeoxyribonuclease HaeIII

haematopoietic-CGF see hematopoietic cell growth factor

haematopoietic stem cell proliferation inhibitor see stem cell inhibitory factor

haematoside synthetase
(RN) EC 2.4.99.-
(SY) CMP-acetylneuraminic acid: lactosylceramide N-acetylneuraminyltransferase
(SY) GM(3) synthetase
(SY) CMPsialic acid-lactosylceramide sialyltransferase
(HM) *SIALYLTRANSFERASES

haemoglobin AA see hemoglobin AA

Haemoglobin AS see hemoglobin AS

haemogobin D see hemoglobin D

haemozoin see hemozoin

HAF-acyltransferase see N-hydroxy-2-acetylaminofluorene N-O-acyltransferase

hafnium chloride
(RN) 13499-05-3
(HM) *HAFNIUM
(II) STAINS

HAF-sulfotransferase see N-hydroxy-2-acetylaminofluorene sulfotransferase

Hageman-Factor fragments see prekallikrein activator

HAGIV see hemagglutinin glycoproteins, influenza virus

HAG-PC see
1-hexadecyl-2-acetyl-glycero-3-phosphocholine

HAGPC see
1-hexadecyl-2-acetyl-glycero-3-phosphocholine

hainanolide
(RN) 64761-48-4
(HM) *HARRINGTONINES
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(NO) from bark of Cephalotaxux hainensis

hairy cell leukemia antigen p35
(SY) antigen p35, hairy cell leukemia
(SY) HCL antigen p35
(HM) *ANTIGENS, NEOPLASM
(II) LEUKEMIA, HAIRY CELL
(NO) MW 35,000; membrane glycoprotein antigen from hairy cells of leukemia patients

hairy cell leukemia differentiation antigens see differentiation antigens, B-lymphocyte

halazepam
(RN) 23092-17-3
(SY) SCH 12041
(HM) *BENZODIAZEPINONES
(PA) BENZODIAZEPINE TRANQUILIZERS
(NO) structure

half-Cys(4),half-Cys(10)-alpha-melanocyte-stimulating hormone see MSH, 4-half-Cys-10-half-Cys-alpha-

4-half-Cys-10-half-Cys-alpha-MSH see MSH, 4-half-Cys-10-half-Cys-alpha-

half-Cys(4),half-Cys(10)-alpha-MSH see MSH, 4-half-Cys-10-half-Cys-alpha-

4-half-cysteinyl-10-half-cysteine-alpha-MSH see MSH, 4-half-Cys-10-half-Cys-alpha-

halistaurin
(HM) *LUMINESCENT PROTEINS
(NO) coelenterate photoprotein; calcium indicator in biological systems

haloacetate dehalogenase
(RN) EC 3.8.1.3
(RR) 37289-40-0 (CRN)
(SY) fluoroacetic acid fluorohydrolase
(SY) 2-chloroacetate halidohydrolase
(HM) *HYDROLASES
(NO) substrate FLUOROACETATES may be replaced by other acetates as appropriate

2-haloacid dehalogenase
(RN) EC 3.8.1.2
(SY) 2-chloropropionate dehalogenase
(HM) *HYDROLASES
(NO) catalyzes hydrolysis of 2-haloacid to hydroxyacid & halide

haloalkane dehalogenase see alkylhalidase

haloanisone see fluanisone

haloanizone see fluanisone

halocarban see cloflucarban

halofantrine see WR 171,669

halofuginone
(RN) 17395-31-2
(SY) 7-bromo-6-chlorofebrifugine
(SY) stenorol
(HM) *QUINAZOLINES
(PA) ANTICOCCIDIAL AGENTS
(NO) RN given refers to HBr

halometasone
(RN) 50629-82-8
(SY) Sicorten
(SY) C 48,401-Ba
(SY) 2-chloro-6alpha, 9-difluoro-11beta, 17,21-trihydroxy-16alpha-methylpregna-1,4-dien-3,20- dione
(SY) C-48,401-Ba
(HM) BETAMETHASONE/*analogs
(PA) ANTI-INFLAMMATORY AGENTS, TOPICAL

halon 1211
(RN) 353-59-3
(SY) halon-1211
(SY) bromochlorodifluoromethane
(HM) *FREONS
(II) FLAME RETARDANTS

halon-1211 see halon 1211

halon 1301 see bromotrifluoromethane

haloopsin see bacterio-opsin

halopemide
(RN) 59831-65-1
(SY) R 34301
(HM) DOMPERIDONE/*analogs
(PA) TRANQUILIZING AGENTS
(NO) structure

haloperidol decanoate
(RN) 74050-97-8
(HM) HALOPERIDOL/*analogs
(PA) BUTYROPHENONE TRANQUILIZERS

halopredone acetate
(RN) 57781-14-3
(RR) 60941-62-0 ((6alpha,11beta)-isomer)
(SY) Topicon
(HM) FLUPREDNISOLONE/*analogs
(PA) ANTI-INFLAMMATORY AGENTS, TOPICAL
(NO) RN given refers to (6beta,11beta)-isomer; RN for cpd without isomeric designation not in Chemline 8/83; structure

halopyramine see chloropyramine

haloquinone
(RN) 80902-01-8
(SY) 3-acetyl-1,8-dihydroxy-2-methyl-9,10-phenanthrenequinone
(HM) PHENANTHRENES
(PA) ANTIBIOTICS
(NO) from Streptomyces venezuelae ssp. xanthophaeus; structure given in first source

halorhodopsin
(SY) halorhodopsin chromoprotein
(SY) hR578
(HM) *BACTERIORHODOPSIN
(NO) retinal protein pigment ; occurs in a number of halobacterial species; adsorbs at a maximum of about 588nm; different from bacteriorhodopsin; may be a light-driven sodium pump whereas bacteriorhodopsin is a light-driven proton pump

halorhodopsin chromoprotein see halorhodopsin

halowaxes see polychlorinated naphthalenes

haloxazolam see CS 430

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haloxon
(RN) 321-55-1
(SY) eustidil
(HM) *UMBELLIFERONES
(HM) *ORGANOPHOSPHORUS COMPOUNDS
(PA) ANTHELMINTICS
(NO) structure

halquinol
(RN) 8067-69-4
(SY) chlorhydroxyquinoline
(HM) *CHLOROQUINOLINOLS
(PA) ANTI-INFECTIVE AGENTS
(PA) AMEBICIDES
(II) FOOD ADDITIVES
(NO) mixt. of 5,7-dichloro-, 5-chloro- & 7-chloro-8-quinolinols; in Chemline RN for chloroquinolinol: 1321-37-5

hamster female protein
(SY) female protein, hamster
(HM) *ALPHA GLOBULINS
(II) C-REACTIVE PROTEIN
(II) AMYLOID
(NO) fast alpha globulin present in generous amts in sera of normal female Syrian hamsters; functionally & structurally similar to C-reactive protein & serum amyloid P component

hamycin
(RN) 1403-71-0
(SY) primamycin
(SY) primemycin
(HM) POLYENES
(PA) ANTIBIOTICS, ANTIFUNGAL
(NO) conjugated heptaene isolated from Streptomyces pimprina; used in blastomycosis and candidiasis; minor descriptor (78-84); on-line & Index Medicus search POLYENES (78-84)

HANA glycoprotein see HN protein

HANANB see hepatitis non-A, non-B antigen

Hanegif see isoxsuprine lactate

Hanganutziu-Deicher antibodies
(SY) H-D antibodies
(HM) *ANTIBODIES, HETEROTYPIC
(NO) from patients with Kawasaki disease & various other diseases of unknown etiology

Hanganutziu-Deicher antigen
(SY) HD antigen
(HM) *ANTIGENS, HETEROGENETIC
(II) ANTIGENS, SURFACE
(II) ANTIGENS, NEOPLASM
(NO) heterophile antigen; glyosphingolipid; associated with malignant tumors, renal transplantation, leprosy & transformed cell lines

6-HANO see 6-hydroxynicotinic acid N-oxide

H-D antibodies see Hanganutziu-Deicher antibodies

H antigen
(HM) *ANTIGENS, BACTERIAL
(II) FLAGELLA/immunol
(II) PILI, BACTERIAL/immunol

H-Y antigen receptors see H-Y antigen receptor

H-Y antigen receptor
(SY) receptor, H-Y antigen
(SY) H-Y antigen receptors
(HM) *RECEPTORS, ANTIGEN
(II) H-Y ANTIGEN

H-W antigen
(SY) H-W (H-Y) antigen
(HM) *HISTOCOMPATIBILITY ANTIGENS
(NO) in Xenopus, comparable to H-Y antigen of mammals; in birds & other speecies with zz/zw sex determination mechanism

H-W (H-Y) antigen see H-W antigen

H-2D(d) antigen see histocompatibility antigen H-2D(b)

H-2D(k) antigen see histocompatibility antigen H-2D(b)

H-2D(p) antigen see histocompatibility antigen H-2D(b)

H-2k(d) antigen see H-2K(K) antigen

H-2K(K) antigen
(SY) H-2K(K)
(SY) antigen, H-2K(K)
(SY) H-2k(d) antigen
(HM) *H-2 ANTIGENS

H-2L(d) antigen see histocompatibility antigen H-2D(b)

HA-protease see hemagglutinin-protease

hapten receptor
(SY) receptor, hapten
(SY) hapten receptors
(HM) *RECEPTORS, ANTIGEN
(II) HAPTENS

hapten receptors see hapten receptor

haptoglobin-hemoglobin complex
(SY) hemoglobin-haptoglobin complex
(HM) *HAPTOGLOBINS
(HM) *HEMOGLOBINS

haptoglobin-hemoglobin receptor see hemoglobin-haptoglobin receptor

HAQ see NSC 287513

7-HAQD see 7-(hydroxyamino)-5,8-quinolinedione

harderoporphyrin
(RN) 30783-27-8
(HM) *PORPHYRINS
(NO) porphyrin found in a rare condition called harderoporphyria

hard tissue replacement composite see HTR composite

harmalan
(RN) 525-41-7
(SY) 1-methyl-3,4-dihydro-beta-carboline
(HM) *CARBOLINES
(NO) structure given in first source

harmalol
(RN) 525-57-5
(RR) 6027-99-2 (trihydrate)
(RR) 6028-00-8 (HCl dihydrate)
(RR) 6010-16-8 (lactate dihydrate)
(RR) 38363-69-8 (di-HCl)
(RR) 6028-07-5 (HCl)
(HM) *HARMALINE/analogs
(NO) inhibitor of rat liver microsomal UDP-glucuronyltransferase; RN given refers to parent cpd; structure

harman
(RN) 486-84-0
(RR) 21655-84-5 (HCl)
(SY) harmane
(HM) *HARMINE/analogs
(NO) RN given refers to parent cpd; structure

harmane see harman

harmogen see piperazine estrone sulfate

harmol
(RN) 487-03-6
(RR) 40580-83-4 (HCl)
(RR) 24757-59-3 (unspecified sulfate)
(RR) 22049-38-3 (unspecified HBr)
(HM) *HARMINE/analogs
(NO) harmol is oxidized form of alkaloid harmolol; RN given refers to parent cpd; structure

harmonet see piperazine estrone sulfate

harpagide
(RN) 6926-08-5
(HM) *PYRANS
(NO) from S. African plant Harpagophytum procumbens DC

harpagoside
(RN) 19210-12-9
(HM) *PYRANS
(NO) glycoside from root of S. African plant Harpagophytum procumbens DC; structure in Negwer, 5th ed, #5281

Hartmann's solution see Ringer's lactate

Hartman's solution
(HM) *THYMOL
(NO) solution of thymol, ethyl alcohol & sulfuric (ethyl) ether once used for dentin desensitization

Harzol see sitosterol

H-asparaginyl-arginyl-valyl-tyrosyl-isoleucyl-histyl-prolyl-phenylalanyl-histyl-leucyl-valyl-isoleucyl-serine
(SY) H-Asp-Arg-Val-Tyr-Ile-His-Pro-Phe-His-Leu-Val-Ile-Ser-OH
(SY) serine human angiotensin tetradecapeptide
(SY) SHAT
(HM) *PEPTIDES
(NO) substrate for human kidney renin

H-Asp-Arg-Val-Tyr-Ile-His-Pro-Phe-His-Leu-Val-Ile-Ser- OH see H-asparaginyl-arginyl-valyl-tyrosyl-isoleucyl-histyl-prolyl-phenylalanyl-histyl-leucyl-valyl-isoleucyl- serine

H-Asp(Gly)-OH see aspartylglycine

Hatchett's brown see cupric ferrocyanide

hatching enzyme
(RN) EC 3.4.24.12
(SY) sea-urchin-hatching enzyme
(HM) *PEPTIDE PEPTIDOHYDROLASES
(II) EMBRYO, NON-MAMMALIAN
(NO) dissolves the tough extracellular fertilization envelope of sea urchin embryos; zinc metalloprotease

hatching factor, Balanus balanoides see 10,11,12-trihydroxy-5,8,14,17-eicosatetraenoic acid

H K ATPase see potassium hydrogen ATPase

H+,K+ ATPase see potassium hydrogen ATPase

HAuCl4 see gold trichloride, acid

hausmannite see manganese oxide

anti-HAV see hepatitis A virus antibodies

HAVA see alpha-hydrazinoornithine

hawkinsin
(RN) 63224-90-8
(SY) (2-L-cystein-S-yl-1,4-dihydroxycyclohex-5-en-1-yl)acetic acid
(HM) *AMINO ACIDS, SULFUR
(NO) structure

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haymine
(RN) 79861-91-9
(SY) Novafed A syrup
(HM) *CHLORPHENIRAMINE
(HM) *EPHEDRINE
(HM) DRUG COMBINATIONS
(PA) HISTAMINE H1 RECEPTOR BLOCKADERS
(II) HAY FEVER/drug ther
(NO) sustained-release tablet containing 10mg chlorpheniramine & 15mg ephedrine

hazimicin
(RN) 87912-98-9
(HM) NITRILES
(PA) ANTIBIOTICS
(NO) isolated from fermentation of Micromonospora echinospora

HA 1004
(RN) 91742-10-8
(SY) HA-1004
(SY) N-(2-guanidinoethyl)-5-isoquinolinesulfonamide
(HM) *ISOQUINOLINES
(PA) CALCIUM CHANNEL BLOCKERS
(NO) structure given in first source

HA-1004 see HA 1004

Ha 117
(SY) Ha-117
(SY) trans-N-propyl-7,9-dihydroxyoctahydrobenzo(f) quinoline
(SY) N-propyl-7,9-dihydroxyoctahydrobenzo(f)quinoline
(HM) *QUINOLINES
(NO) dopamine receptor agonist

Ha-117 see Ha 117

Ha-118 see Ha 118

Ha 118
(SY) trans-N-ethyl-7,9-dihydroxyoctahydrobenzo(f) quinoline
(SY) Ha-118
(SY) N-ethyl-7,9-dihydroxyoctahydrobenzo(f)quinoline
(HM) *QUINOLINES
(NO) dopamine receptor agonist

HA 966 see HA-966

HA-966
(RN) 1003-51-6
(RR) 42585-88-6 (HCl)
(SY) 1-hydroxy-3-amino-2-pyrrolidone
(SY) HA 966
(HM) *PYRROLIDINONES
(NO) CNS depressant; RN given refers to parent cpd; structure

HbAA see hemoglobin AA

HbA2 Fitzroy see hemoglobin A2 Fitzroy

Hb Aichi see hemoglobin Aichi

Hb Aida see hemoglobin G Waimanalo

Hb Albany Ga see hemoglobin Albany Georgia

Hb Albany-Suma see hemoglobin Albany Georgia

HbA2 Manzanares see hemoglobin A2 Manzanares

Hb Arab see hemoglobin Arab

Hb O-Arab see hemoglobin Arab

Hb AS see hemoglobin AS

Hb Atlanta see hemoglobin Atlanta

HbA2 Victoria see hemoglobin A2 Victoria

HbA2 Zagreb see hemoglobin A2 Zagreb

Hb A0 see hemoglobin A(0)

HbA0 see hemoglobin A(0)

Hb B see hemoglobin B

Hb A2-Babinga see hemoglobin A2-Babinga

Hb Bali see hemoglobin Bali

Hb J Baltimore see hemoglobin J Baltimore

Hb J Bangkok see hemoglobin J Bangkok

Hb Barcelona see hemoglobin Barcelona

Hb Bart's see hemoglobin Bart's

Hb Beijing see hemoglobin Beijing

Hb Beograd see hemoglobin Beograd

Hb Bibba see hemoglobin Bibba

Hb-binding protein see hemoglobin-binding protein

Hb F Bonaire-Ga see hemoglobin F Bonaire-Ga

Hb F-Bonaire-Ga see hemoglobin F Bonaire-Ga

Hb Boston see hemoglobin M Boston

Hb M Boston see hemoglobin M Boston

Hb Boyle Heights see hemoglobin Boyle Heights

Hb Bristol see hemoglobin Bristol

Hb British Columbia see hemoglobin British Columbia

Hb Bunbury see hemoglobin Bunbury

Hb F Calluna see hemoglobin F Calluna

Hb F Caltech see hemoglobin F Caltech

Hb F-Caltech see hemoglobin F Caltech

Hb J-Camaguey see hemoglobin J-Camaguey

Hb Camperdown see hemoglobin Camperdown

Hb J Cape Town see hemoglobin J Cape Town

Hb A, carbamylated see hemoglobin A, carbamylated

Hb S, carbamylated see hemoglobin S, carbamylated

1,1'-HBCB see chlorhexidine gluconate

Hb Chad see hemoglobin Chad

Hb Chesapeake see hemoglobin Chesapeake

Hb Cheverly see hemoglobin Cheverly

Hb Chinese see hemoglobin Chinese

Hb Chongqing see hemoglobin Chongqing

Hb City of Hope see hemoglobin City of Hope

Hb Collingwood see hemoglobin Collingwood

Hb F Columbus-Ga see hemoglobin F Columbus-Ga

Hb F-Columbus-Ga see hemoglobin F Columbus-Ga

Hb Contaldo see hemoglobin Contaldo

Hb Cordele see hemoglobin Cordele

Hb Co Sp see Hemoglobin Constant Spring

Hb G Coushatta see hemoglobin G Coushatta

Hb Cowtown see hemoglobin Cowtown

Hb CS see Hemoglobin Constant Spring

Hb D see hemoglobin D

HB F-Dammam see hemoglobin F-Dammam

Hb Deaconess see hemoglobin Shelby

Hb deer lodge see hemoglobin Deer Lodge

HBD Punjab see hemoglobin D Punjab

Hb Dunn see hemoglobin Dunn

HBED see N,N'-bis(2-hydroxybenzyl)ethylenediamine-N,N'- diacetic acid

Hb Etobicoke see hemoglobin Etobicoke

Hb Evanston see hemoglobin Evanston

Hb Fannin-Lubock see hemoglobin Fannin-Lubock

HB G Ferrara see hemoglobin G Ferrara

HbF, glycosylated see glycosylated fetal hemoglobin

Hb Fort Worth see hemoglobin Fort Worth

Hb Gainesville-Ga see hemoglobin Gainesville-Ga

HBG Ferrara see hemoglobin G Ferrara

HBGG see hexa(beta-glucopyranosyl)glucitol

Hb S, glycosylated see hemoglobin S, glycosylated

Hb Gower see hemoglobin Gower

Hb Gower I see hemoglobin Gower

Hb Gower II see hemoglobin Gower

Hb Grady see hemoglobin Grady

HbG SJ see hemoglobin G San Jose

Hb GuiZhou see hemoglobin GuiZhou

Hb J Habana see hemoglobin J Habana

Hb Hamadan see hemoglobin Hamadan

Hb Hamilton see hemoglobin Hamilton

Hb Hammersmith see hemoglobin Hammersmith

Hb Handa see hemoglobin Munakata

Hb Harbin see hemoglobin Harbin

Hb C-Harlem see hemoglobin C-Harlem

Hb Hasharon see hemoglobin Hasharon

Hb Hazebrouck see hemoglobin Hazebrouck

Hb Hirose see hemoglobin Hirose

Hb Hope see hemoglobin Hope

Hb Hotel-Dieu see hemoglobin Hotel-Dieu

HB I see hemoglobin I

HBIG see hepatitis B hyperimmune globulin

Hb J Iran see hemoglobin J Iran

Hb M Iwata see hemoglobin M Iwate

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Hb M Iwate see hemoglobin M Iwate

HB F Izumi see hemoglobin F Izumi

Hb J Jackson see hemoglobin J Jackson

Hb Jianghua see hemoglobin Jianghua

Hb Kariya see hemoglobin Kariya

Hb Kempsey see hemoglobin Kempsey

Hb Kenitra see hemoglobin Kenitra

Hb F Kennestone see hemoglobin F Kennestone

Hb Kenya see hemoglobin Kenya

Hb F Kingston see hemoglobin F Kingston

Hb Knossos see hemoglobin Knossos

Hb Koelliker see hemoglobin Koelliker

Hb Koln see hemoglobin Koln

Hb Korle see hemoglobin Korle

Hb Korle Bu see hemoglobin Korle

Hb F La Grange see hemoglobin F La Grange

Hb Leiden see hemoglobin Leiden

Hb Le Lamentin see hemoglobin Le Lamentin

Hb Lepore see hemoglobin Lepore

HB Lepore Baltimore see hemoglobin Lepore Baltimore

Hb Lepore Boston see hemoglobin Lepore Boston

Hb Lepore Boston-Washington see hemoglobin Lepore Boston-Washington

Hb Leslie see hemoglobin Shelby

Hb Linkoeping see hemoglobin Linkoeping

Hb Linkoping see hemoglobin Linkoeping

Hb J Lome see hemoglobin J Lome

Hb Long Island see hemoglobin Long Island

Hb D Los Angeles see hemoglobin D Punjab

Hb Malmo see hemoglobin Malmo

Hb Malmoe see hemoglobin Malmo

Hb Manitoba see hemoglobin Manitoba

Hb A2 Manzanares see hemoglobin A2 Manzanares

Hb Maputo see hemoglobin Maputo

Hb Marseille see hemoglobin Marseille

Hb M Milwaukee see hemoglobin M Milwaukee

Hb Minneapolis-Laos see hemoglobin Minneapolis-Laos

Hb Miyada see hemoglobin Miyada

Hb Miyashiro see hemoglobin Miyashiro

Hb-ML see hemoglobin Minneapolis-Laos

Hb Mobile see hemoglobin Mobile

Hb Munakata see hemoglobin Munakata

Hb Nagoya see hemoglobin Nagoya

Hb New York see hemoglobin New York

Hb Nunobiki see hemoglobin Nunobiki

Hb NYU see hemoglobin NYU

1,2,3,4,6,7-HBN see 1,2,3,4,6,7-hexabromonaphthalene

2,3,4,5,6,7-HBN see 2,3,4,5,6,7-hexabromonaphthalene

Hb Oleander see hemoglobin Oleander

Hb Olympia see hemoglobin Olympia

Hb Osler see hemoglobin Osler

Hb J Oxford see hemoglobin J Oxford

Hb P see hemoglobin P

Hb O Padova see hemoglobin O Padova

Hb Palmerston North see hemoglobin Palmerston North

HB F-Pendergrass see hemoglobin F-Pendergrass

Hb G-Pest see hemoglobin G Pest

Hb G Philadelphia see hemoglobin G Philadelphia

Hb G Phila see hemoglobin G Philadelphia

HBPN see 4-hydroxybutyl-(2-propenyl)nitrosamine

Hb Portland see hemoglobin Portland

Hb Portland I see hemoglobin Portland

Hb Portland II see hemoglobin Portland

Hb Presbyterian see hemoglobin Presbyterian

HB protein

(SY) HB protein (Bacillus globigii)
(HM) *DNA-BINDING PROTEINS
(HM) *BACTERIAL PROTEINS
(NO) low molecular wt protein; binds with comparable strength to double- & single-stranded DNA as well as to poly(rA)

HB protein (Bacillus globigii) see HB protein

HBPSA see 4-hydroxybiphenyl-O-sulfonic acid

Hb D Punjab see hemoglobin D Punjab

HBP-93 see heme-binding protein

Hb Queens see hemoglobin Queens

Hb Quin-Hai see hemoglobin Quin-Hai

Hb Quong Sze see hemoglobin Quong Sze

Hb Rainier see hemoglobin Rainier

Hb Regina see hemoglobin Regina

Hb Rio Grande see hemoglobin Rio Grande

Hb Roseau-Pointe a Pitre see hemoglobin Roseau-Pointe a Pitre

HBsAg receptor see hepatitis B surface antigen receptor

Hb Saint-Jacques see hemoglobin Saint Jacques

Hb Saitama see hemoglobin Saitama

Hb San Diego see hemoglobin San Diego

Hb G San Jose see hemoglobin G San Jose

Hb Santa Ana see hemoglobin Santa Ana

Hb J Sardegna see Hemoglobin J Sardegna

Hb F Sardinia see hemoglobin F Sardinia

Hb Saskatoon see hemoglobin Saskatoon

Hb Savaria see hemoglobin Savaria

Hb SD-LA see hemoglobin SD-Los Angeles

Hb SD-Los Angeles see hemoglobin SD-Los Angeles

Hb Setif see Hemoglobin Setif

HBS, glycosylated see hemoglobin S, glycosylated

Hb Shaare Zedek see hemoglobin Shaare Zedek

Hb F Shanghai see hemoglobin F Shanghai

Hb Shelby see hemoglobin Shelby

Hb Shenyang see hemoglobin Shenyang

Hb F Siena see hemoglobin F Siena

Hb Stanleyville II see hemoglobin Stanleyville II

Hb St. Jacques see hemoglobin Saint Jacques

Hb St. Luke see hemoglobin St. Luke's

Hb Summer Hill see hemoglobin Summer Hill

Hb(T) see deoxyhemoglobin

Hb G Taibei see hemoglobin G-Taipei

Hb G-Taipei see hemoglobin G-Taipei

Hb J-Tashikuergan see hemoglobin J-Tashikuergan

12,15-HBTGO see homo-12,15-bisthia-1.3,5(10),6,8,13-gonahexaen-17-one

Hb Tokoname see hemoglobin Tokoname

HB F-Tokyo see hemoglobin F-Tokyo

Hb Twin Peaks see hemoglobin Twin Peaks

Hb UBE-2 see hemoglobin UBE-2

HB Vaccine see hepatitis B vaccine

Hb O Vicenza see hemoglobin O Padova

Hb A2 Victoria see hemoglobin A2 Victoria

Hb Volga see hemoglobin Volga

Hb G Waimanalo see hemoglobin G Waimanalo

Hb Warwickshire see hemoglobin Warwickshire

Hb Wayne see hemoglobin Wayne

Hb Willamette see hemoglobin Willamette

Hb Winnipeg see hemoglobin Winnipeg

Hb F Yamaguchi see hemoglobin F Yamaguchi

Hb York see hemoglobin York

Hb A2 Zagreb see hemoglobin A2 Zagreb

Hb Zurich see hemoglobin Zurich

HB 180

(RN) 74680-07-2
(HM) *SULFONYLUREA COMPOUNDS
(PA) HYPOGLYCEMIC AGENTS

HB 313 see salicylazobenzoic acid

HB 699 see meglitinide

HCA-CoA lyase see (1-hydroxycyclohexan-1-yl)acetyl-CoA lyase

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HCAP see CPDD

H-CAP see CPDD

3-HCBA see 3-hydroxy-3-cyclohexylbutyric acid

7-HC-BHS see
7-hydroxycholesterol-3,7-bis(hemisuccinate)

HC Blue No. 1

(RN) 2784-94-3
(SY) N-methylamino-2-nitro-4-N',N'-bis(2-hydroxyethyl)aminobenzene
(HM) *PHENYLENEDIAMINES
(PA) MUTAGENS
(II) DYES
(II) HAIR DYES
(NO) structure

HCBP-Gly see
(3-(N-hydroxy)carboxamido-2-benzylpropanoyl)glycine

25-HCBP see hydroxycholesterol-binding proteins

HC15-BrM see hemicholinium 15-bromo mustard

4-HCBTT see
4-hydroxy-4-carboxy-3-benzylthiazolidin-2-thione

hCCAP see preprocalcitonin carboxyl-terminal region peptide

HCE

(RN) 4479-32-7
(RR) 21858-40-2
((1aalpha,3aalpha,4alpha,7alpha,7aalpha)-isomer)
(RR) 81623-34-9
((1aalpha,3aalpha,4beta,7beta,7aalpha,7balpha)-isomer)
(HM) DIELDRIN/*analogs
(II) ISOMERISM
(NO) analog of dieldrin; RN given refers to cpd without isomeric designation; structure

HCETC see beta-mercaptolactate cysteine disulfide

HCFU see 1-hexylcarbamoyl-5-fluorouracil

HCG-alpha

(SY) human chorionic gonadotropin, alpha subunit
(SY) alpha-HCG
(HM) *GONADOTROPINS, CHORIONIC
(HM) *PEPTIDE FRAGMENTS

HCG-beta

(SY) human chorionic gonadotropin, beta subunit
(SY) beta HCG
(SY) human chorionic gonadotropin, beta subunit 109-145
(SY) HCG-beta, 109-145
(SY) beta-subunit of human chorionic gonadotropin
(HM) *GONADOTROPINS, CHORIONIC
(HM) *PEPTIDE FRAGMENTS

HCG-beta, 109-145 see HCG-beta

HCG, deglycosylated

(SY) deglycosylated human choriogonadotropin
(SY) deglycosylated human chorionic gonadotropin
(HM) *GONADOTROPINS, CHORIONIC
(NO) placental oligomeric glycoprotein chemically deglycosylated with HF

HCGF see hematopoietic cell growth factor

hCG-iodo see iodo-chorionic gonadotropin

hCG receptor

(SY) receptor, human chorionic gonadotropin
(SY) hCG receptors
(SY) receptor, hCG
(SY) human chorionic gonadotropin receptor
(SY) human chorionic gonadotropin receptors
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) GONADOTROPINS, CHORIONIC

hCG receptors see hCG receptor

HCG 004 see fenofibric acid

7-HCHCC see 7 beta-(5-hydroxy-5-carboxyvarelamido)-3-hydroxymethyl-3-cephem-4-carboxylic acid

25-HC-24-hydroxylase see
25-hydroxycholecalciferol-24-hydroxylase

HCL antigen p35 see hairy cell leukemia antigen p35

HCO(3)-ATPase see bicarbonate ATPase

HCODEM see
1,2,3,4,9,9-hexachloro-1,4,4a,5,6,7,8,8a-octahydro-6,7-dimethyl-6,7-epoxy-1,4-methanonaphthalene

HCOLA see
3-hydroxy-(28-4-coumaroyloxy)lup-20(29)-en-27-oic acid

HCO-(Phe)7-OMe see
formyl-(phenylalanyl)(6)-phenylalanine methyl ester

HCO 60 see polyethoxylated castor oil

4-HCPDAD see
4-hydrazinocarbonylpyridine-1,N(6)-ethenoadenine dinucleotide

H2CPOB see
3-(2-carboxyhydrazine)phenylimino-2-oximobutane

HCS 3260

(RN) 57-74-9
(SY) HCS-3260
(HM) *CHLORDAN
(II) ISOMERISM
(NO) mixture of cis- & trans-chlordan

HCS-3260 see HCS 3260

HC toxin

(RN) 83209-65-8
(SY) HC-toxin
(SY) cyclo(Aoe-Pro-Ala-Ala)
(SY) cyclo(2-amino-8-oxo-9,10-epoxydecanoic acid-prolyl-alanyl-alanine)
(HM) *PEPTIDES, CYCLIC
(II) TOXINS
(II) HELMINTHOSPORIUM
(NO) maize host-specific toxin isolated from culture filtrates of Helminthosporium carbonum (cochliobolus)

HC-toxin see HC toxin

4-HCTPB see
4-(3-((2-(1-hydroxycyclohexyl)ethyl)-4-oxo-2-thiazolidinyl)propyl)benzoic acid

HCTRPCX see hydrocortisone receptor

H-Cys(2)-Phe(3)-Trp(4)-Lys(5)-Thr(6)-Cys(7)-NH2- cyclic (2-7) disulfide see San 201-456

HDA-Glc see 2-hexadecanoylamino-4-nitrophenyl-beta-D-glucopyranoside

HDANPPcholine see
2-hexadecanoylamino-4-nitrophenylphosphorylcholine

HD antigen see Hanganutziu-Deicher antigen

HDA-PC see
2-hexadecanoylamino-4-nitrophenylphosphorylcholine

HDCBS see 3,5-dichloro-2-hydroxybenzenesulfonic acid

HD3-cellobioside see 1 alpha-hydroxyvitamin D3-cellobioside

3-HDDQ see 3-hydroxydihydroquinidine

HDDSM see 5'-hydroxy-2''-demethyldihydrostreptomycin

3-HDED see 3'-hydroxy-3',5'-diepidaunorubicin

8-HDEE see 8-hydroxydamnacanthol-omega-ethyl ether

HD3 glucopyranoside see 1 alpha-hydroxyvitamin D3 3 beta-D-glucopyranoside

HDH ODGE see 3-(hydroxymethyl)phenytoin N,N-dimethylglycine ester

3-HDH-withanolide F see
3-hydroxy-2,3-dihydrowithanolide F

HDIANPT see
hexanoyldiiodo-N-(4-azido-2-nitrophenyl)tyramine

H(2)DIDS see dihydro-DIDS

HDKNP see 7
alpha-hydroxy-5,11-diketotetranorprostane-1,16- dioic acid

HDL-lecithin see high density lipoprotein phosphatidylcholine

HDL phosphatidylcholine see high density lipoprotein phosphatidylcholine

HDL receptor

(SY) high density lipoprotein receptors
(SY) receptor, HDL
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) LIPOPROTEINS, HDL

HDL-sphingomyelin see high density lipoprotein sphingomyelin

HDL sphingomyelin see high density lipoprotein sphingomyelin

HDL(2)-triacylglycerol see HDL-triglyceride

HDL-triglyceride

(SY) HDL(2)-triacylglycerol
(HM) *LIPOPROTEINS, HDL
(HM) *TRIGLYCERIDES

HDL(1) see high density lipoprotein-1

HDL-1 see high density lipoprotein-1

HDL(2) see high density lipoprotein-2

HDL-2 see high density lipoprotein-2

HDL 3 see high density lipoprotein-3

HDL-3 see high density lipoprotein-3

14-HDM see 14-hydroxydihydromorphazine

HDOPNP see 11
alpha-hydroxy-9,15-dioxo-2,3,4,5,20-pentanor-19-carboxyprostanoic acid

HD-PAF see
1-hexadecyl-2-acetyl-glycero-3-phosphocholine

HDPAI see 4-hydroxy-2-di-n-propylaminoindan

HDPC see n-hexadecylphosphorylcholine

6-HDPEI see
6-hydroxy-4-(2-(di-n-propylamino)ethyl)indole

4-HDPI see 4-hydroxy-2-(di-n-propylamino)indan

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HDP-nicarbazin see 2-hydroxy-4,6-dimethylpyrimidine

HDP-1 see helix-destabilizing proteins

9-HDTPD see 9 alpha-hydroxy-11,15-dioxo-2,3,18,19-tetranorprost-5-ene-1,20-dioic acid

4-HDUBF see 4-heptadecylumbelliferone

3-HDVK1 see 3-hydroxy-2-methyl-3-phytyl-2,3-dihydronaphthoquinone

HDYPD see 20-(1,5-hexadiynyl)-5-pregnen-3,20-diol

HD3C see 1 alpha-hydroxyvitamin D3-cellobioside

HD3G see 1 alpha-hydroxyvitamin D3 3 beta-D-glucopyranoside

head activator peptide
(RN) 79943-68-3
(SY) hydra head activator peptide
(SY) pGlu-Pro-Pro-Gly-Gly-Ser-Lys-Val-Ile-Leu-Phe
(SY) pyroglutamyl-prolyl-prolyl-glycyl-glycyl-seryl-lysyl-valyl-isoleucyl-leucyl-phenylalanyl
(SY) peptide head activator
(HM) *OLIGOPEPTIDES
(II) NERVE TISSUE PROTEINS
(NO) undecapeptide from hydra which acts as head inducing morphogen; also isolated from sea anemone, mammalian brain & intestine

head protein D see lambda phage head protein D

heat-labile enterotoxin, E coli see enterotoxin LT

heat-stable enterotoxin (E coli) see heat stable toxin (E coli)

heat stable toxin (E coli)
(SY) E coli heat stable toxin
(SY) Escherichia coli heat-stable toxin
(SY) enterotoxin ST
(SY) heat-stable enterotoxin (E coli)
(SY) E coli heat-stable enterotoxin
(SY) Infect Immun 1981;32(2):480
(HM) *BACTERIAL TOXINS
(HM) *ENTEROTOXINS
(NO) MW 2,000-5,000; induces the active secretion of fluid & electolytes in the small intestine by activating guanylate cyclase with resultant increase in intracellular cGMP

heat stroke proteins
(HM) *PROTEINS
(II) FUNGAL PROTEINS
(NO) synthesized by eucaryotic organisms; synthesis of these proteins is sharply curtailed after temperature elevation, when heat shock protein biosynthesis is increased

HEAVD
(HM) DOXORUBICIN
(HM) ASPARAGINASE
(HM) VINCRISTINE
(HM) CYCLOPHOSPHAMIDE
(HM) DEXAMETHASONE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotheraphy protocol consisting of above cpds; used in treatment of acute lymphoblastic leukemia

heavy calcium oxide see lime

heavy chain disease protein BOT
(SY) mu HCD protein BOT
(SY) protein BOT, mu heavy chain disease
(HM) *IMMUNOGLOBULINS, GAMMA CHAIN
(NO) MW 52; contains carbohydrate; partial amino acid sequence given in first source

heavy chain disease proteins
(SY) gamma heavy chain disease protein CHA
(SY) protein WIS
(SY) myeloma protein Wis
(SY) gamma 3 heavy-chain disease protein Wis
(SY) protein RIV
(SY) gamma 3 myeloma protein Jir
(SY) IgC3kappa Jir protein
(SY) gamma 1 heavy chain disease protein FOR
(HM) *IMMUNOGLOBULINS, GAMMA CHAIN
(II) MYELOMA PROTEINS

heavy meromyosin subfragment 1 see meromyosin subfragments

heavy neurofilament protein see neurofilament proteins

heavy water see deuterium oxide

HECNU see 2-chloroethyl-1-nitrosoureidoethanol

hecogenin
(RN) 467-55-0
(RR) 509-99-9 ((3beta,5alpha,25S)-isomer)
(HM) *SAPOGENINS
(NO) steroidal sapogenin which has been isolated from plants particularly from numerous Agave species; used in prep of steroidal hormones; structure; RN given refers to (3beta,5alpha,25R)-isomer; RN for cpd without isomeric designation not in Chemline 7/84

hedamycin
(RN) 11048-97-8
(HM) *ANTIBIOTICS
(PA) ANTIBIOTICS, ANTINEOPLASTIC

2-HEDB see 2-hydroxyestradiol-2,3-dibenzoate

4-HEDB see 4-hydroxyestradiol-3,4-dibenzoate

HEDMSO see 2-hydroxyethyl-dimethylsulfoxonium

hedolit
(RN) 534-52-1
(RR) 65121-76-8 (Pb(2+) salt)
(RR) 63989-83-3 (Ba salt)
(RR) 5787-96-2 (K salt)
(RR) 2312-76-7 (Na salt)
(RR) 2980-64-5 (NH4 salt)
(RR) 50319-14-7 (Pb salt)
(RR) 1335-85-9 (cpd with unspecified nitro locants)
(SY) 2,4-dinitro-o-cresol
(SY) 3,5-dinitro-2-hyroxytoluene
(HM) *DINITROCRESOLS
(PA) HERBICIDES
(NO) RN given refers to parent cpd; structure

HEDTA
(RN) 150-39-0
(RR) 139-89-9 (tri-Na salt)
(RR) 1330-54-7 (tri-Na salt)
(RR) 62029-50-9 (tri-K salt)
(RR) 17836-23-6 (unspecified (Ca & Na) salt)
(RR) 7578-42-9 (unspecified Na salt)
(RR) 79553-95-0 (Ca salt[1:1])
(SY) N-(hydroxyethyl)ethylenediaminetriacetic acid
(SY) cobalt-HEDTA
(SY) Co-HEDTA
(SY) dysprosium-HEDTA
(SY) Dy-HEDTA
(HM) EDTA/*analogs
(II) CHELATING AGENTS
(NO) RN given refers to parent cpd

HEHSL see 2,2,5,5-tetramethylpyrroline-1-oxyl-3-carboxy ethylhydrazine

HeLa cell HnRNP see informofer

HeLa cell C-protein see informofer

HeLa ribosomal protein S6 see ribosomal protein S6

helenalin
(RN) 6754-13-8
(HM) *SESQUITERPENES
(PA) ANTINEOPLASTICS, BOTANICAL
(II) TOXINS
(NO) toxic principle of Helenium microcephalum (smallhead sneezeweed); structure

helenien see xanthophyll dipalmitate

heleniene see xanthophyll dipalmitate

helenin see alantolactone

helicase
(RN) 42613-29-6
(HM) *PEPTIDE HYDROLASES
(HM) *GLYCOSIDE HYDROLASES
(HM) DRUG COMBINATIONS
(NO) consists of proteinase, mannanase, glucanase & chitinase; used to digest yeast cell wall

Helicase I, DNA see DNA Helicase I

helicase III see DNA Helicase III

heliobond
(RN) 86159-08-2
(HM) *ACRYLATES
(II) ACRYLIC RESINS
(NO) visible-light-curing monomer component of composite resins

heliodermin
(RN) 89468-62-2
(SY) helodermin
(HM) *PEPTIDES
(II) VENOMS
(II) LIZARDS
(NO) MW 5,900 peptide with secretin-like properties from Gila Meloderma monster venom

heliomycin
(RN) 11029-70-2
(HM) *POLYCYCLIC HYDROCARBONS
(PA) ANTIBIOTICS
(PA) ANTIVIRAL AGENTS
(NO) Russian drug; antibiotic with antiviral properties isolated from Actinomyces flavochromogenes var. heliomycini; structure

heliopan new see 2-ethylhexyl-4-methoxycinnamate

Heliosit Orthodontic see bis(phenol A-glycidyl methacrylate)

heliotridine see retronecine

heliotrine
(RN) 303-33-3
(HM) *PYRROLIZIDINE ALKALOIDS
(NO) structure

heliox
(RN) 58933-55-4
(HM) *HELIUM
(HM) *OXYGEN
(NO) mixture of above cpds

helix-destabilizing proteins
(SY) mouse helix-destabilizing protein-1
(SY) RNA helix-destabilizing protein
(SY) nucleic acid helix-destabilizing protein
(SY) mouse myeloma helix-destabilizing protein
(SY) HDP-1
(HM) *DNA UNWINDING PROTEINS
(II) RIBONUCLEOPROTEINS
(II) DNA-BINDING PROTEINS
(NO) see also related record for thymus helix-destabilizing protein; MW 24,000-31,000

Helix lectin
(SY) lectin, Helix pomatia
(HM) *LECTINS
(PA) HEMAGGLUTININS
(II) HELIX (SNAILS)

helix lectin receptor
(SY) receptor, helix lectin
(SY) helix lectin receptors
(HM) *RECEPTORS, MITOGEN

helix lectin receptors see helix lectin receptor

helodermin see heliodermin

helospectin I
(HM) *PEPTIDES
(II) VENOMS
(II) LIZARDS
(NO) 38 residue peptide from Gila monster (Heloderma suspectum) venom; amino acid sequence given in first source

helospectin II
(HM) *PEPTIDES
(II) VENOMS
(II) LIZARDS
(NO) 37 amino acid residue peptide from Gila monster (Heloderma suspectum) venom; identical to helospectin I except for serine 38

helper factors, concanavalin A-induced see concanavalin A-induced helper factors

Helvisol see Gelvisol

HEMA see hydroxyethyl methacrylate

hemagglutinin glycoproteins, influenza virus
(SY) HAGIV
(SY) influenza virus hemagglutinin glycoprotein
(SY) influenza virus hemagglutinin HA(2)
(SY) orthomyxovirus hemagglutinin
(HM) *HEMAGGLUTININS, VIRAL
(NO) from human H2 & H3 pandemic influenza virus

hemagglutinin-neuraminidase glycoprotein see HN protein

hemagglutinin-protease
(RN) EC 3.4.24.-
(SY) HA-protease
(SY) Vibrio cholerae hemagglutinin protease
(HM) *PEPTIDE PEPTIDOHYDROLASES
(II) HEMAGGLUTININS
(NO) soluble hemagglutinin/protease from Vibrio cholerae; a zinc metalloendopeptidase

hemalin
(HM) *PEPTIDES
(II) BONE MARROW
(NO) polypeptide bone marrow factor; increases count of medium-sized lymphocytes & lymphoblasts in animals

hematein
(RN) 475-25-2
(HM) *HEMATOXYLIN/analogs
(II) STAINS AND STAINING
(NO) structure

hematite see ferric oxide

hematopoietic cell growth factor
(SY) HCGF
(SY) haematopoietic-CGF
(SY) hematopoietic stem cell activating factor
(SY) splenic hematopoiesis stimulating factor
(SY) hematopoietin-1
(SY) hematopoietin-2
(SY) hematopoietic stem cell stimulator
(SY) hemopoietin 1
(HM) *GROWTH SUBSTANCES
(II) HEMATOPOIETIC STEM CELLS
(II) COLONY STIMULATING FACTOR
(NO) secreted by WEHI-3 myelomonocytic leukemia cells; promotes self-renewal, differentiation & development of multipotential stem cells & committed progenitor cells

hematopoietic growth factor receptor see colony-stimulating factor receptor

hematopoietic stem cell activating factor see hematopoietic cell growth factor

hematopoietic stem cell proliferation inhibitor see stem cell inhibitory factor

hematopoietic stem cell stimulator see hematopoietic cell growth factor

hematopoietin-1 see hematopoietic cell growth factor

hematopoietin-2 see hematopoietic cell growth factor

hematoporphyrin D
(RN) 68335-15-9
(RR) 85189-42-0 (photofrin)
(SY) WR 246310
(SY) hematoporphyrin derivative
(SY) photofrin
(SY) photofrin II
(HM) *HEMATOPORPHYRINS
(PA) TRYPANOCIDAL AGENTS
(PA) RADIATION-SENSITIZING AGENTS
(PA) ANTINEOPLASTIC AGENTS
(NO) photosensitizing agent used in laser photoradiation therapy of cancer

hematoporphyrin derivative see hematoporphyrin D

hematoporphyrin-7,12-diacetate see O,O'-diacetylhematoporphyrin

hematoporphyrin IX dimethylester
(RN) 32562-61-1
(SY) HPDME
(HM) *HEMATOPORPHYRINS

hematoside neuraminidase see GM3 ganglioside sialidase

heme a
(RN) 18535-39-2
(RR) 58916-42-0 (heme a3)
(SY) heme a3
(HM) HEME/*analogs

heme a3 see heme a

heme binder, membrane see heme receptor

heme-binding protein
(SY) hemin-binding proteins
(SY) HBP-93
(HM) *CARRIER PROTEINS
(II) HEMEPROTEINS

heme a3 bis-imidazole
(SY) heme a3(+) bis-imidazole
(HM) HEME/*analogs
(HM) *IMIDAZOLES
(NO) model of cytochrome A in bovine cytochrome C oxidase

heme a3(+) bis-imidazole see heme a3 bis-imidazole

heme C
(RN) 26598-29-8
(HM) HEME/*analogs

heme-controlled inhibitor see eIF-2 kinase

heme controlled repressor see eIF-2 kinase

heme-controlled translational inhibitor see hemin-controlled translational repressor

Heme d1 see heme d1

heme d1
(RN) 59948-35-5
(SY) heme d(1)
(SY) Heme d1
(HM) HEME/*analogs
(NO) extractable heme from Pseudomonas nitrite reductase

heme d(1) see heme d1

heme nonapeptide
(SY) heme-nonapeptide
(SY) cytochrome C heme nonapeptide
(HM) *CYTOCHROME C
(HM) *PEPTIDE FRAGMENTS
(II) HEME
(NO) heme-containg peptide obtained by the proteolytic fragmentation of cytochrome c; inhibits lipid peroxidation

heme-nonapeptide see heme nonapeptide

hementin
(RN) EC 3.4.24.-
(HM) *PEPTIDE PEPTIDOHYDROLASES
(PA) ANTICOAGULANTS
(NO) neutral metalloproteinase; pH optimum 7.5; from leech Haementeria ghilianii

hemeprotein H 450 see H 450

heme P-460
(SY) P 460 heme
(HM) HEME/*analogs
(NO) unusual prosthetic group of hydroxylamine oxidase

heme receptor
(SY) receptor, heme
(SY) heme binder, membrane
(SY) heme receptors
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) HEME
(NO) macromolecular heme binder found in human & porcine intestinal brush borders

heme receptors see heme receptor

heme undecapeptide, cytochrome C see ferri-heme undecapeptide

heme undecapeptides, anionized see ferri-heme undecapeptide

heme undecapeptides, cationized see ferri-heme undecapeptide

P 460 heme see heme P-460

hemiacidrin see renacidin

hemicellulase
(RN) EC 3.2.1.-
(HM) *GLYCOSIDE HYDROLASES

hemicellulose
(RN) 8024-50-8
(HM) *POLYSACCHARIDES
(NO) group of gummy substances intermediate between cellulose & sugars

hemicholinium 15-bromo mustard
(RN) 83291-95-6
(SY) HC15-BrM
(HM) HEMICHOLINIUM 3/*analogs
(NO) structure given in first source

hemichrome
(HM) *HEMEPROTEINS
(NO) heme protein

hemiglobincyanide
(HM) METHEMOGLOBIN/*analogs

hemin-agarose see hemin-sepharose

hemin-binding proteins see heme-binding protein

hemin controlled repressor see hemin-controlled translational repressor

hemin-controlled translational repressor
(SY) hemin controlled repressor
(SY) heme-controlled translational inhibitor
(SY) eRF, eIF-2 recycling factor
(HM) *PROTEINS
(PA) TRANSLATION, GENETIC/drug eff
(II) HEMIN
(NO) controls protein synthesis in reticulocytes

hemi-NDGA see heminordihydroguaiaretic acid

heminevrin see chlormethiazole ethanedisulfonate

heminordihydroguaiaretic acid
(RN) 54473-24-4
(RR) 71113-15-0 ((R*,S*)-isomer)
(SY) hemi-NDGA
(HM) *CATECHOLS
(PA) ENZYME INHIBITORS
(NO) RN given refers to cpd without isomeric designation; structure given in first source

hemin-sepharose
(SY) hemin-agarose
(HM) SEPHAROSE/*analogs
(NO) used in affinity chromotography of heme-binding proteins

hemoce
(HM) *PLASMA SUBSTITUTES
(NO) no other info available 8/85

hemodes
(RN) 53795-75-8
(SY) gemodes
(SY) neocompensan
(HM) *POVIDONE
(PA) ANTI-INFLAMMATORY AGENTS
(II) PLASMA SUBSTITUTES
(II) ADJUVANTS, IMMUNOLOGIC

hemoglobin AA
(RN) 37248-06-9
(SY) hacmoglobin AA
(SY) HbAA
(HM) *HEMOGLOBIN A

hemoglobin Aichi
(RN) 91117-28-1
(SY) Hb Aichi
(HM) *HEMOGLOBINS, ABNORMAL
(NO) histidine replaced by arginine at position 50 on alpha chain

hemoglobin Albany Georgia
(RN) 86923-76-4
(SY) Hb Albany Ga
(SY) Hb Albany-Suma
(HM) *HEMOGLOBINS, ABNORMAL
(NO) lysine replaced by asparagine at position 11(A9) on alpha chain

hemoglobin Arab
(RN) 9035-17-0
(SY) Hb Arab
(SY) Hb O-Arab
(SY) Hemoglobin O Arab
(HM) *HEMOGLOBINS, ABNORMAL
(NO) glutamic acid repaced by lysine at position 121 on beta chain

Hemoglobin O Arab see hemoglobin Arab

hemoglobin AS
(RN) 52012-19-8
(SY) Haemoglobin AS
(SY) Hb AS
(HM) *HEMOGLOBIN, SICKLE

hemoglobin Atlanta
(RN) 55965-09-8
(SY) Hb Atlanta
(HM) *HEMOGLOBINS, ABNORMAL
(NO) leucine replaced by proline at position 75(E19) on beta chain

hemoglobin A(0)
(RN) 54651-57-9
(SY) slow hemoglobin
(SY) Hb A0
(SY) HbA0
(HM) *HEMOGLOBIN A
(NO) normal hemoglobin (HbA) upon electrophoresis separates into two fractions: slow major (HbA0) & fast minor (HbA1)

hemoglobin B
(RN) 9041-75-2
(SY) Hb B
(HM) *HEMOGLOBINS
(NO) normal adult hemoglobin in sheep

hemoglobin A2-Babinga
(SY) Hb A2-Babinga
(HM) *HEMOGLOBINS, ABNORMAL
(NO) glycine replaced by asparagine at position alpha 2 delta 2 136(H14)

hemoglobin Bali
(RN) 87042-05-5
(SY) Hb Bali
(HM) *HEMOGLOBINS, ABNORMAL
(NO) hemoglobin from cattle; lysine replaced by histidine at position 18 on beta chain

hemoglobin J Baltimore
(RN) 9034-86-0
(SY) Hb J Baltimore
(HM) *HEMOGLOBIN J
(NO) glycine replaced by aspartic acid at position 16(A13)

hemoglobin J Bangkok
(RN) 71396-39-9
(SY) Hb J Bangkok
(HM) *HEMOGLOBIN J
(NO) glycine replaced by aspartic acid at position 56(D7) on beta chain

hemoglobin Barcelona
(RN) 81544-30-1
(SY) Hb Barcelona
(HM) *HEMOGLOBINS, ABNORMAL
(NO) aspartic acid replaced by histidine at position 94 on beta chain

hemoglobin Barts see hemoglobin Bart's

hemoglobin Bart's
(SY) Hb Bart's
(SY) hemoglobin Barts
(SY) methemoglobin Bart's
(HM) *HEMOGLOBINS, ABNORMAL

hemoglobin Beijing
(RN) 86290-86-0
(SY) Hb Beijing
(HM) *HEMOGLOBINS, ABNORMAL
(NO) lysine replaced by asparagine at position 16(A14) on alpha chain

hemoglobin Beograd
(RN) 51312-09-5
(SY) Hb Beograd
(HM) *HEMOGLOBINS, ABNORMAL
(NO) glutamic acid replaced by valine at position alpha 2 beta 2 121(GH4)

hemoglobin Bibba
(SY) Hb Bibba
(HM) HEMOGLOBINS, ABNORMAL
(NO) unstable alpha-chain abnormal hemoglobin; found in patient with osteopenia

hemoglobin binding protein see hemoglobin-binding protein

hemoglobin-binding protein
(SY) Hb-binding protein
(SY) chicken hemoglobin-binding protein
(SY) hemoglobin binding protein
(HM) *CARRIER PROTEINS
(NO) isolated in pure state

hemoglobin F-Bonaire-Ga see hemoglobin F Bonaire-Ga

hemoglobin F Bonaire-Ga
(RN) 85205-41-0
(SY) Hb F-Bonaire-Ga
(SY) hemoglobin F-Bonaire-Ga
(SY) Hb F Bonaire-Ga
(HM) *HEMOGLOBINS, ABNORMAL
(HM) *FETAL HEMOGLOBIN
(NO) glutamine replaced by arginine at position 39(C5) on the A(gamma) chain

hemoglobin Boston see hemoglobin M Boston

hemoglobin M Boston
(RN) 39340-61-9
(SY) hemoglobin Boston
(SY) Hb M Boston
(SY) Hb Boston
(HM) *HEMOGLOBIN M

hemoglobin Boyle Heights
(RN) 86836-23-9
(SY) Hb Boyle Heights
(HM) *HEMOGLOBINS, ABNORMAL
(NO) aspartic acid deleted at position 6(A4) on alpha chain

hemoglobin Bristol
(RN) 9034-56-4
(SY) Hb Bristol
(HM) *HEMOGLOBINS, ABNORMAL
(NO) valine replaced by aspartic acid on position 67 of beta chain

hemoglobin British Columbia
(RN) 62463-02-9
(SY) Hb British Columbia
(HM) *HEMOGLOBINS, ABNORMAL
(NO) glutamic acid replaced by lysine on alpha 2 beta 2(101) chains

hemoglobin Bunbury
(RN) 88086-00-4
(SY) Hb Bunbury
(HM) *HEMOGLOBINS, ABNORMAL
(NO) asparatic acid replaced by asparagine at position 94(FG1) on beta chain

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hemoglobin F Calluna
(SY) Hb F Calluna
(HM) *HEMOGLOBINS, ABNORMAL
(HM) *FETAL HEMOGLOBIN
(NO) threonine replaced by arginine at position 12(A9) of alpha chain

hemoglobin F-Caltech see hemoglobin F Caltech

hemoglobin F Caltech
(RN) 86290-88-2
(SY) Hb F-Caltech
(SY) hemoglobin F-Caltech
(SY) Hb F Caltech
(HM) *HEMOGLOBINS, ABNORMAL
(HM) *FETAL HEMOGLOBIN
(NO) lysine replaced by glutamine at position 120(GH 3) on G(gamma) chain; four gamma chains present in above hemoglobin

hemoglobin J-Camaguey
(RN) 66797-20-4
(SY) Hb J-Camaguey
(HM) *HEMOGLOBIN J
(NO) arginine replaced by glycine at position alpha 141(HC3)

hemoglobin Camperdown
(RN) 56258-49-2
(SY) Hb Camperdown
(HM) *HEMOGLOBINS, ABNORMAL
(NO) arginine replaced by serine at position alpha2 beta2 104 (G6)

hemoglobin J Cape Town
(RN) 9034-88-2
(SY) Hb J Cape Town
(HM) *HEMOGLOBIN J
(NO) arginine replaced by glutamine at position 92(FG4) on alpha chain

hemoglobin A, carbamylated
(RN) 60616-87-7
(SY) carbaminohemoglobin A
(SY) carbamylated hemoglobin A
(SY) Hb A, carbamylated
(HM) HEMOGLOBIN A/*analogs

hemoglobin S, carbamylated
(RN) 39454-80-3
(SY) carbamylated hemoglobin S
(SY) Hb S, carbamylated
(HM) HEMOGLOBIN, SICKLE/*analogs

hemoglobin Chad
(SY) Hb Chad
(HM) *HEMOGLOBINS, ABNORMAL
(NO) glutamic acid replaced by lysine at position 23(B4) on alpha chain

hemoglobin Chesapeake
(RN) 9034-58-6
(SY) Hb Chesapeake
(HM) *HEMOGLOBINS, ABNORMAL
(NO) arginine replaced by leucine at position 92(FE4) on alpha chain

hemoglobin Cheverly
(RN) 84837-27-4
(SY) Hb Cheverly
(HM) *HEMOGLOBINS, ABNORMAL
(NO) phenylalanine replaced by serine at position 45(CD4) on beta chain

hemoglobin Chinese
(SY) Hb Chinese
(HM) *HEMOGLOBINS, ABNORMAL
(NO) glutamic acid replaced by glycine at position 30 on alpha chain

hemoglobin Chongqing
(RN) 95229-82-6
(SY) Hb Chongqing
(HM) *HEMOGLOBINS, ABNORMAL
(NO) leucine replaced by arginine at position alpha2(NA2)

hemoglobin City of Hope
(SY) Hb City of Hope
(HM) *HEMOGLOBINS, ABNORMAL
(NO) glycine replaced by serine at position 69 of beta chain

hemoglobin Collingwood
(RN) 90142-28-2
(SY) Hb Collingwood
(HM) *HEMOGLOBINS, ABNORMAL
(NO) unstable Hb variant; valine replaced by alanine at position 60(E4) on beta chain

hemoglobin F-Columbus-Ga see hemoglobin F Columbus-Ga

hemoglobin F Columbus-Ga
(RN) 85205-42-1
(SY) Hb F-Columbus-Ga
(SY) hemoglobin F-Columbus-Ga
(SY) Hb F Columbus-Ga
(HM) *HEMOGLOBINS, ABNORMAL
(HM) *FETAL HEMOGLOBIN
(NO) aspartic acid replaced by asparagine at position 94 on G(gamma) chain

Hemoglobin Constant Spring
(RN) 9066-22-2
(SY) Hb CS
(SY) Hb Co Sp
(HM) *HEMOGLOBINS, ABNORMAL
(NO) variant with an elongated alpha-chain & an unstable alpha-chain mRNA

hemoglobin Contaldo
(SY) Hb Contaldo
(HM) *HEMOGLOBINS, ABNORMAL
(NO) serine replaced by arginine at position 103(G10) on alpha chain

hemoglobin Cordele
(SY) Hb Cordele
(HM) *HEMOGLOBINS, ABNORMAL
(NO) aspartic acid replaced by alanine at position 47 of the alpha chain

hemoglobin G Coushatta
(RN) 9034-70-2
(SY) Hb G Coushatta
(HM) *HEMOGLOBINS, ABNORMAL
(NO) glutamine replaced by alanine at position 22 on beta chain

hemoglobin Cowtown
(RN) 74623-09-9
(SY) Hb Cowtown
(HM) *HEMOGLOBINS, ABNORMAL
(NO) histidine replaced by leucine at position 146 on beta chain

hemoglobin cyanide see cyanhemoglobin

hemoglobin D
(RN) 39346 78-6
(SY) Hb D
(SY) haemogobin D
(HM) *HEMOGLOBINS, ABNORMAL
(NO) glycine replaced by aspartic acid at position 15 on alpha chain; Hb DAB & Hb DB are phenotypes

hemoglobin F-Dammam
(SY) HB F-Dammam
(HM) *HEMOGLOBINS, ABNORMAL
(HM) *FETAL HEMOGLOBIN
(NO) aspatic acid replaced by asparagine at position alpha2Agamma2(79)(EF3)

hemoglobin Deaconess see hemoglobin Shelby

hemoglobin Deer Lodge
(RN) 37220-01-2
(SY) Hb deer lodge
(HM) *HEMOGLOBINS, ABNORMAL
(NO) histidine is replaced by arginine in position 2 of beta chain

hemoglobin Dunn
(RN) 71538-39-1
(SY) Hb Dunn
(HM) *HEMOGLOBINS, ABNORMAL
(NO) aspartic acid replaced by asparagine at position 6(A4) on the alpha chain

hemoglobin Etobicoke
(RN) 86290-87-1
(SY) Hb Etobicoke
(HM) *HEMOGLOBINS, ABNORMAL
(NO) serine replaced by arginine at position 84(F5) on the alpha chain; also listed as alpha 85(F5)

hemoglobin Evanston
(RN) 87501-69-7
(SY) Hb Evanston
(HM) *HEMOGLOBINS, ABNORMAL
(NO) tryptophan replaced by arginine at position 14(A12) on alpha chain

hemoglobin Fannin-Lubock
(RN) 61536-82-1
(SY) Hb Fannin-Lubock
(HM) *HEMOGLOBINS, ABNORMAL
(NO) glycine replaced by aspartic acid at position 119(GH2) of normal hemoglobin consisting of 2 alpha & 2 beta chains

hemoglobin G Ferrara
(RN) 54577-93-4
(SY) HBG Ferrara
(SY) HB G Ferrara
(HM) *HEMOGLOBINS, ABNORMAL
(NO) causes clinical symptoms similar to that of drepanocytic anemia; substitution located on residual portion of the molecule surface thus favoring HBS polymerization

hemoglobin A2 Fitzroy
(SY) HbA2 Fitzroy
(HM) *HEMOGLOBINS, ABNORMAL
(NO) alanine replaced by aspartic acid at position 142(H20) on delta chain

hemoglobin Fort Worth
(SY) Hb Fort Worth
(HM) *HEMOGLOBINS, ABNORMAL
(NO) alpha chain variant; glutamic acid replaced by glycine at position alpha2(27)(B8)beta2

hemoglobin Gainesville-Ga
(SY) Hb Gainesville-Ga
(HM) *HEMOGLOBINS, ABNORMAL
(NO) beta chain variant; glycine replaced by arginine at position alpha2beta2(46)(CD5)

hemoglobin A, glucosylated see glucosylated hemoglobin A

hemoglobin F, glycosylated see glycosylated fetal hemoglobin

hemoglobin S, glycosylated
(SY) HBS, glycosylated
(SY) Hb S, glycosylated
(HM) HEMOGLOBIN, SICKLE/*analogs

hemoglobin Gower
(RN) 56592-05-3
(SY) Hb Gower I
(SY) hemoglobin Gower I
(SY) Hb Gower II
(SY) Hb Gower
(HM) *HEMOGLOBINS, ABNORMAL

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hemoglobin Gower I see hemoglobin Gower

hemoglobin Grady
(RN) 56363-95-2
(SY) Hb Grady
(HM) *HEMOGLOBINS, ABNORMAL
(NO) extended alpha chains due to repetitive insertion of 3 amino acids between positions 118 & 119

hemoglobin GuiZhou
(SY) Hb GuiZhou
(HM) *HEMOGLOBINS, ABNORMAL
(NO) proline replaced by arginine at position alpha(2)77(EF6)

hemoglobin J Habana
(RN) 52337-02-7
(SY) Hb J Habana
(HM) *HEMOGLOBIN J
(NO) alanine replaced by glutamic acid at position 71(E20) on alpha chain

hemoglobin Hamadan
(RN) 56283-93-3
(SY) Hb Hamadan
(HM) *HEMOGLOBINS, ABNORMAL
(NO) glycine replaced by arginine at position alpha 2 beta 2 56(D7)

hemoglobin Hamilton
(RN) 89512-24-3
(SY) Hb Hamilton
(HM) *HEMOGLOBINS, ABNORMAL
(NO) valine replaced by isoleucine at position 11(A8) on beta chain

hemoglobin Hammersmith
(RN) 37359-23-2
(SY) Hb Hammersmith
(HM) *HEMOGLOBINS, ABNORMAL
(NO) mutant hemoglobin; phenylalanine replaced by serine at position 42 on beta chain

hemoglobin Handa see hemoglobin Munakata

hemoglobin-haptoglobin complex see haptoglobin-hemoglobin complex

hemoglobin-haptoglobin receptor
(SY) haptoglobin-hemoglobin receptor
(SY) hemoglobin-haptoglobin receptors
(SY) receptor, hemoglobin-haptoglobin
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) HEMOGLOBINS
(II) HAPTOGLOBINS
(NO) demonstrated in rat liver plasma membranes

hemoglobin-haptoglobin receptors see hemoglobin-haptoglobin receptor

hemoglobin Harbin
(RN) 95229-83-7
(SY) Hb Harbin
(HM) *HEMOGLOBINS, ABNORMAL
(NO) lysine replaced by methionine at position alpha16 (A14)

hemoglobin C-Harlem
(RN) 9034-57-5
(SY) Hb C-Harlem
(HM) *HEMOGLOBIN C
(NO) mutant hemoglobin; glutamic acid replaced by valine at position 6 on beta chain & aspartic acid replaced by asparagine at position 73 on beta chain

hemoglobin Hasharon
(RN) 54990-74-8
(SY) Hb Hasharon
(HM) *HEMOGLOBINS, ABNORMAL
(NO) aspartic acid replaced by histidine at position 47 on alpha(2) chain

hemoglobin Hazebrouck
(SY) Hb Hazebrouck
(HM) *HEMOGLOBINS, ABNORMAL
(NO) threonine replaced by proline at position 38 on beta chain

hemoglobin Hirose
(RN) 9066-26-6
(SY) Hb Hirose
(HM) *HEMOGLOBINS, ABNORMAL
(NO) tryptophan replaced by serine at position 37(C3) on beta chain

hemoglobin Hope
(RN) 9034-84-8
(SY) Hb Hope
(HM) *HEMOGLOBINS, ABNORMAL
(NO) glycine replaced by aspartic acid at position 136(H14) on beta chain

hemoglobin Hotel Dieu see hemoglobin Hotel-Dieu

hemoglobin Hotel-Dieu
(RN) 77107-75-6
(SY) Hb Hotel-Dieu
(SY) hemoglobin Hotel Dieu
(HM) *HEMOGLOBINS, ABNORMAL
(NO) aspartic acid replaced by glycine at position 99 on beta chain

hemoglobin I
(RN) 9034-85-9
(SY) HB I
(HM) *HEMOGLOBINS, ABNORMAL

hemoglobin J Iran
(RN) 84777-74-2
(SY) Hb J Iran
(HM) *HEMOGLOBIN J
(NO) aspartic acid replaces histidine in position 77 of beta chain

hemoglobin Iwate see hemoglobin M Iwate

hemoglobin M Iwate
(RN) 9035-03-4
(SY) hemoglobin Iwate
(SY) Hb M Iwate
(SY) Hb M Iwata
(HM) *HEMOGLOBIN M
(NO) histidine replaced by tyrosine at position 87(F8) on alpha chain; also replaced by arginine

hemoglobin F Izumi
(RN) 89700-65-2
(SY) HB F Izumi
(HM) *HEMOGLOBINS, ABNORMAL
(HM) *FETAL HEMOGLOBIN
(NO) glutamic acid replaced by glycine at position 6 on gamma globin

hemoglobin Jackson see hemoglobin J Jackson

hemoglobin J Jackson
(RN) 60605-02-9
(SY) hemoglobin Jackson
(SY) Hb J Jackson
(HM) *HEMOGLOBIN J
(NO) lysine replaced by asparagine at position 127 on alpha chain

hemoglobin Jianghua
(RN) 88361-49-3
(SY) Hb Jianghua
(HM) *HEMOGLOBINS, ABNORMAL
(NO) lysine replaced by isoleucine at position 120(GH3) on beta chain

hemoglobin Kariya
(RN) 86338-10-5
(SY) Hb Kariya
(HM) *HEMOGLOBINS, ABNORMAL
(NO) Hb variant with increased oxygen affinity; lysine replaced by glutamic acid in position alpha 40 (C5) at the alpha 1 beta 2 contact

hemoglobin Kempsey
(RN) 37248-11-6
(SY) Hb Kempsey
(HM) *HEMOGLOBINS, ABNORMAL
(NO) aspartic acid replaced by asparagine at position 99 on beta chain

hemoglobin Kenitra
(SY) Hb Kenitra
(HM) *HEMOGLOBINS, ABNORMAL
(NO) glycine replaces arginine at position alpha2 beta2 69(E13); associated with alpha-thalassemia

hemoglobin F Kennestone
(RN) 86923-77-5
(SY) Hb F Kennestone
(HM) *HEMOGLOBINS, ABNORMAL
(HM) *FETAL HEMOGLOBIN
(NO) histidine replaced by arginine at position 77 on gamma chain

hemoglobin Kenya
(RN) 39362-37-3
(SY) Hb Kenya
(HM) *FETAL HEMOGLOBIN
(HM) *HEMOGLOBINS, ABNORMAL
(NO) Ggamma-globulin hereditary persistance of fetal hemoglobin

hemoglobin F Kingston
(RN) 84789-38-8
(SY) Hb F Kingston
(HM) *HEMOGLOBINS, ABNORMAL
(HM) *FETAL HEMOGLOBIN
(NO) methionine replaced by arginine at position 55(D6) on gamma chain

hemoglobin Knossos
(RN) 84136-98-1
(SY) Hb Knossos
(HM) *HEMOGLOBINS, ABNORMAL
(NO) alanine replaced by serine in position 27 of beta chain; present as silent beta-thalassemia

hemoglobin Koelliker
(SY) Hb Koelliker
(HM) *HEMOGLOBINS, ABNORMAL
(NO) found in patients suffering from favism; C-terminal 141-arginine removed from alpha chain

hemoglobin Koln
(RN) 9035-00-1
(SY) Hb Koln
(HM) *HEMOGLOBINS, ABNORMAL

hemoglobin Korle
(RN) 9088-22-6
(SY) Hb Korle
(SY) Hb Korle Bu
(HM) *HEMOGLOBINS, ABNORMAL
(NO) aspartic acid replaced by asparagine at position 73 on beta chain

hemoglobin F La Grange
(SY) Hb F La Grange
(HM) *HEMOGLOBINS, ABNORMAL
(HM) *FETAL HEMOGLOBIN
(NO) glutamic acid replaced by lysine at position 101(G3) on gamma chain

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hemoglobin Leiden
(RN) 50926-06-2
(SY) Hb Leiden
(HM) *HEMOGLOBINS, ABNORMAL
(NO) glutamic acid residue is deleted from position 6 or 7 of the beta chain

hemoglobin Le Lamentin
(RN) 83535-05-1
(SY) Hb Le Lamentin
(HM) *HEMOGLOBINS, ABNORMAL
(NO) histidine replaced by glutamine at alpha 20(B1)

hemoglobin Lepore
(RN) 9062-66-2
(SY) Hb Lepore
(HM) *HEMOGLOBINS, ABNORMAL

hemoglobin Lepore Baltimore
(RN) 87740-98-5
(SY) HB Lepore Baltimore
(HM) *HEMOGLOBINS, ABNORMAL
(NO) cross over between amino acid 50 of delta chain and amino acid 86 of beta chain

hemoglobin Lepore Boston
(RN) 39289-38-8
(SY) Hb Lepore Boston
(HM) *HEMOGLOBINS, ABNORMAL
(NO) amino acid 87 is delta globin & amino acid 116 is beta globin position; see also record for hemoglobin Lepore Baltimore

hemoglobin Lepore Boston-Washington
(RN) 65666-87-7
(SY) Hb Lepore Boston-Washington
(HM) *HEMOGLOBINS, ABNORMAL
(NO) found in patient with beta-thalessemia; associated with unusual high level of Hb F

hemoglobin Leslie see hemoglobin Shelby

hemoglobin Linkoeping
(SY) Hb Linkoeping
(SY) Hb Linkoping
(SY) hemoglobin Linkoping
(HM) *HEMOGLOBINS, ABNORMAL
(NO) threonine substituted for proline at position beta36 in C-helix

hemoglobin Linkoping see hemoglobin Linkoeping

hemoglobin J Lome
(RN) 65721-78-0
(SY) Hb J Lome
(HM) *HEMOGLOBIN J
(NO) lysine replaced by asparagine at position 59(E3) on beta chain

hemoglobin Long Island
(SY) Hb Long Island
(HM) *HEMOGLOBINS, ABNORMAL
(NO) methionyl extension at the NH2 terminus of beta chain & histidine replaced by proline at position 2 on beta chain

hemoglobin D Los Angeles see hemoglobin D Punjab

hemoglobin Malmo
(RN) 9066-30-2
(SY) hemoglobin Malmoe
(SY) Hb Malmo
(SY) Hb Malmoe
(HM) HEMOGLOBINS, ABNORMAL
(NO) histidine replaced by glutamine at position 97 on beta chain

hemoglobin Malmoe see hemoglobin Malmo

hemoglobin Manitoba
(RN) 9035-09-0
(SY) Hb Manitoba
(HM) *HEMOGLOBINS, ABNORMAL
(NO) histidine replaced by arginine at position 102(G9) on alpha chain

hemoglobin A2 Manzanares
(RN) 88265-05-8
(SY) HbA2 Manzanares
(SY) Hb A2 Manzanares
(HM) *HEMOGLOBINS, ABNORMAL
(NO) glutamic acid replaced by valine at position 121(GH4) on delta chain; unstable variant from Spanish family

hemoglobin Maputo
(RN) 88415-15-0
(SY) Hb Maputo
(HM) *HEMOGLOBINS, ABNORMAL
(NO) aspartic acid replaced by tyrosine at position 47(CD6) on beta chain; found in combination with hemoglobin S in child from Mozambique

hemoglobin Marseille
(SY) Hb Marseille
(HM) *HEMOGLOBINS, ABNORMAL
(NO) methionyl residue extends the NH2 terminus; histidine replaces proline in position NA2 on beta chain

hemoglobin Milwaukee see hemoglobin M Milwaukee

hemoglobin M Milwaukee
(RN) 9035-05-6
(RR) 39386-82-8 (Hb M Milwaukee 1)
(SY) hemoglobin Milwaukee
(SY) Hb M Milwaukee
(HM) *HEMOGLOBIN M

hemoglobin Minneapolis-Laos
(SY) Hb Minneapolis-Laos
(SY) Hb-ML
(HM) *HEMOGLOBINS, ABNORMAL
(NO) phenylalanine replaced by tyrosine at position 118 on beta chain

hemoglobin Miyada
(RN) 9061-45-4
(SY) Hb Miyada
(HM) *HEMOGLOBINS, ABNORMAL
(NO) abnormal globin chain possesses part of beta-chain & part of delta-chain; N terminal beta-globin sequence to amino acid 12 & C terminal delta-globin sequence from amino acid 22; anti-Lepore hemoglobin

hemoglobin Miyashiro
(RN) 82030-01-1
(SY) Hb Miyashiro
(HM) *HEMOGLOBINS, ABNORMAL
(NO) valine replaced by glycine at position 23 on beta chain

hemoglobin Mobile
(RN) 56939-94-7
(SY) Hb Mobile
(HM) *HEMOGLOBINS, ABNORMAL
(NO) aspartic acid replaced by valine at position 73 on beta chain

hemoglobin Munakata
(RN) 84136-97-0
(SY) Hb Munakata
(SY) hemoglobin Handa
(SY) Hb Handa
(HM) *HEMOGLOBINS, ABNORMAL
(NO) lysine is replaced by methionine at position FG2(90) on alpha chain

hemoglobin Nagoya
(SY) Hb Nagoya
(HM) *HEMOGLOBINS, ABNORMAL
(NO) histidine replaces proline at position beta97(FG4)

hemoglobin New York
(RN) 9035-15-8
(SY) Hb New York
(HM) *HEMOGLOBINS, ABNORMAL
(NO) valine replaced by glutamic acid at position 113(G15) on beta chain

hemoglobin Nunobiki
(RN) 95829-67-7
(SY) Hb Nunobiki
(HM) *HEMOGLOBINS, ABNORMAL
(NO) found in Japanese male with marginal erthrocytosis; arginine replaced by cysteine at the carboxy terminus of the alpha chain at position 141

hemoglobin NYU
(RN) 9035-13-6
(SY) Hb NYU
(HM) *HEMOGLOBINS, ABNORMAL
(NO) asparagine replaced by lysine at position 12 on delta chain

hemoglobin Oleander
(RN) 84419-51-2
(SY) Hb Oleander
(HM) *HEMOGLOBINS, ABNORMAL
(NO) glutamine replaces glutamic acid in position 116 of alpha chain

hemoglobin Olympia
(RN) 39283-12-0
(SY) Hb Olympia
(HM) *HEMOGLOBINS, ABNORMAL
(NO) valine replaced by methionine at position 20 on beta chain

hemoglobin Osler
(SY) Hb Osler
(HM) *HEMOGLOBINS, ABNORMAL
(NO) tyrosine replaced by aspartic acid at position 145 on beta chain

hemoglobin J Oxford
(RN) 9034-91-7
(SY) Hb J Oxford
(HM) *HEMOGLOBINS, ABNORMAL
(NO) glycine replaced by asparagine at position 15 on alpha chain

hemoglobin P
(SY) Hb P
(HM) *HEMOGLOBINS
(NO) from embryonic erythroid cells of chickens; no other information available 1/7/83

hemoglobin O Padova
(RN) 88358-63-8
(SY) Hb O Padova
(SY) Hb O Vicenza
(HM) *HEMOGLOBINS, ABNORMAL
(NO) glutamic acid replaced by lysine on alpha chain at position B11; association with Osler-Rendu disease

hemoglobin Palmerston North
(RN) 86290-89-3
(SY) Hb Palmerston North
(HM) *HEMOGLOBINS, ABNORMAL
(NO) valine replaced by phenylalanine at position 23(B5) on beta chain

hemoglobin F-Pendergrass
(SY) HB F-Pendergrass
(HM) *HEMOGLOBINS, ABNORMAL
(HM) *FETAL HEMOGLOBIN
(NO) proline replaces arginine at position gamma36(C2)

hemoglobin G Pest
(RN) 9066-25-5
(SY) Hb G-Pest
(HM) *HEMOGLOBINS, ABNORMAL
(NO) aspartic acid replaced by asparagine at position 74(EF3) on alpha Z chain

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hemoglobin G Philadelphia
(RN) 9034-74-6
(SY) Hb G Philadelphia
(SY) Hb G Phila
(HM) *HEMOGLOBINS, ABNORMAL
(NO) asparagine replaced by lysine in position 68 on alpha chain

hemoglobin Portland
(RN) 54846-99-0
(SY) Hb Portland
(SY) hemoglobin Portland I
(SY) hemoglobin Portland II
(SY) Hb Portland I
(SY) Hb Portland II
(HM) *HEMOGLOBINS, ABNORMAL

hemoglobin Portland I see hemoglobin Portland

hemoglobin Portland II see hemoglobin Portland

hemoglobin Presbyterian
(RN) 69227-31-2
(SY) Hb Presbyterian
(HM) *HEMOGLOBINS, ABNORMAL
(NO) low oxygen affinity; asparagine replaced by lysine at position beta 108(G10)

hemoglobin D Punjab
(RN) 9034-60-0
(SY) HBD Punjab
(SY) Hb D Punjab
(SY) hemoglobin D Los Angeles
(SY) Hb D Los Angeles
(HM) *HEMOGLOBINS, ABNORMAL
(NO) glutamic acid is replaced by glutamine in beta chain at position 121 on beta chain

hemoglobin Queens
(RN) 83136-86-1
(SY) Hb Queens
(HM) *HEMOGLOBINS, ABNORMAL
(NO) leucine replaced by arginine at position 34(B12) on alpha chain

hemoglobin Quin-Hai
(RN) 87971-13-9
(SY) Hb Quin-Hai
(HM) *HEMOGLOBINS, ABNORMAL
(NO) leucine replaced by arginine at position 78(EF2) on beta chain

hemoglobin Quong Sze
(SY) Hb Quong Sze
(HM) *HEMOGLOBINS, ABNORMAL
(NO) CTG replaced by CCG at coden 125 on alpha chain

hemoglobin Rainier
(SY) Hb Rainier
(HM) *HEMOGLOBINS, ABNORMAL
(NO) tyrosine replaced by cysteine at position 145 on beta chain; abnormality induced by ethylnitrosourea

hemoglobin Regina
(SY) Hb Regina
(HM) *HEMOGLOBINS, ABNORMAL
(NO) leucine replaced by valine at position beta96(FG3); causes mild erythrocytosis

hemoglobin Rio Grande
(RN) 85898-24-4
(SY) Hb Rio Grande
(HM) *HEMOGLOBINS, ABNORMAL
(NO) lysine replaced by threonine at position 8 (A5) on beta chain

hemoglobin Roseau-Pointe a Pitre
(SY) Hb Roseau-Pointe a Pitre
(HM) *HEMOGLOBINS, ABNORMAL
(NO) glutamic acid replaced by glycine at alpha(2)beta(2)90(F6); displayed instability & low blood oxygen affinity; may be present inassociation with a beta thalassemia trait

hemoglobin Saint Jacques
(SY) Hb St. Jacques
(SY) Hb Saint-Jacques
(HM) *HEMOGLOBINS, ABNORMAL
(NO) alanine replaced by threonine at position alpha2 beta2 140(H18); high oxygen-affinity variant with altered bisphosphoglycerate binding

hemoglobin Saitama
(SY) Hb Saitama
(HM) *HEMOGLOBINS, ABNORMAL
(NO) histadine replaced by proline at position 117 (G19) on beta chain

hemoglobin San Diego
(RN) 51609-42-8
(SY) Hb San Diego
(HM) *HEMOGLOBINS, ABNORMAL
(NO) valine replaced by methionine at position 109 on beta chain

hemoglobin G San Jose
(RN) 9034-75-7
(SY) HbG SJ
(SY) Hb G San Jose
(HM) *HEMOGLOBINS, ABNORMAL
(NO) glycine replaced by glutamic acid at position 7(A4) on beta chain

hemoglobin Santa Ana
(SY) Hb Santa Ana
(HM) *HEMOGLOBINS, ABNORMAL
(NO) leucine replaced by proline at position 88 on beta chain

Hemoglobin J Sardegna
(SY) Hb J Sardegna
(HM) *HEMOGLOBIN J
(NO) histidine replaced by aspartic acid at position 50 on alpha chain

hemoglobin F Sardinia
(RN) 73699-62-4
(SY) Hb F Sardinia
(HM) *FETAL HEMOGLOBIN
(HM) *HEMOGLOBINS, ABNORMAL
(NO) isoleucine replaced by threonine at position 75 on A(gamma) chain

hemoglobin Saskatoon
(RN) 69670-54-8
(RR) 9035-07-8 (HbM Saskatoon)
(SY) Hb Saskatoon
(HM) *HEMOGLOBINS, ABNORMAL
(NO) glutamic acid replaced by alanine at position 22 on beta chain

hemoglobin Savaria
(SY) Hb Savaria
(HM) *HEMOGLOBINS, ABNORMAL
(NO) serine replaced by arginine at position alpha2(49)beta2(CE7)

hemoglobin SD-Los Angeles
(SY) Hb SD-Los Angeles
(SY) Hb SD-LA
(HM) *HEMOGLOBIN, SICKLE

Hemoglobin Setif
(RN) 39340-64-2
(SY) Hb Setif
(HM) *HEMOGLOBINS, ABNORMAL
(NO) asparagine replaced by tyrosine at position 94 on alpha chain

hemoglobin Shaare Zedek
(RN) 74315-48-3
(SY) Hb Shaare Zedek
(HM) *HEMOGLOBINS, ABNORMAL
(NO) lysine replaced by glutamic acid at position 56 on alpha chain

hemoglobin F Shanghai
(SY) Hb F Shanghai
(HM) *FETAL HEMOGLOBIN
(HM) *HEMOGLOBINS, ABNORMAL
(NO) lysine replaced with arginine at position 66 on gamma chain

hemoglobin Shelby
(RN) 56690-69-8
(SY) Hb Shelby
(SY) Hb Leslie
(SY) hemoglobin Deaconess
(SY) hemoglobin Leslie
(SY) Hb Deaconess
(HM) *HEMOGLOBINS, ABNORMAL
(NO) glutamine replaced by lysine at position beta 131 (H9)

hemoglobin Shenyang
(RN) 86290-90-6
(SY) Hb Shenyang
(HM) *HEMOGLOBINS, ABNORMAL
(NO) alanine replaced by glutamic acid at position 26(B7) on alpha chain

hemoglobin F Siena
(RN) 39354-89-7
(SY) Hb F Siena
(HM) *HEMOGLOBINS, ABNORMAL
(HM) *FETAL HEMOGLOBIN
(NO) glutamic acid replaced by lysine at position 121 on alpha(2)A(gamma)T(2) chain

hemoglobin Stanleyville II
(RN) 55598-81-7
(SY) Hb Stanleyville II
(HM) *HEMOGLOBINS, ABNORMAL
(NO) asparagine replaced by lysine at position 78 on alpha chain

hemoglobin St. Luke's
(RN) 37332-57-3
(SY) Hb St. Luke
(HM) *HEMOGLOBINS, ABNORMAL
(NO) proline replaced by arginine at position 95(G2) on alpha chain

hemoglobin, stroma free
(HM) *HEMOGLOBINS
(II) PLASMA SUBSTITUTES

hemoglobin Summer Hill
(RN) 75027-02-0
(SY) Hb Summer Hill
(HM) *HEMOGLOBINS, ABNORMAL
(NO) asparatic acid replaced by histidine at position 52(D3) on beta chain

hemoglobin G Taibei see hemoglobin G-Taipei

hemoglobin G-Taipei
(RN) 80748-50-1
(SY) Hb G-Taipei
(SY) hemoglobin G Taibei
(SY) Hb G Taibei
(HM) *HEMOGLOBINS, ABNORMAL
(NO) glutamic acid replaced by glycine at position 22(B4) of normal hemoglobin consisting of 2 alpha & 2 beta chains

hemoglobin J-Tashikuergan
(SY) Hb J-Tashikuergan
(HM) *HEMOGLOBIN J
(NO) alanine replaced by glutamic acid at position alpha(2)19(AB1)

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hemoglobin Tokoname
(RN) 85898-26-6
(SY) Hb Tokoname
(HM) *HEMOGLOBINS, ABNORMAL
(NO) lysine replaced by threonine at position 139 on alpha chain

hemoglobin F-Tokyo
(SY) HB F-Tokyo
(HM) *HEMOGLOBINS, ABNORMAL
(HM) *FETAL HEMOGLOBIN
(NO) valine replaces isoleucine at position alpha2Ggamma2 34(B16)

hemoglobin Twin Peaks
(SY) Hb Twin Peaks
(HM) *HEMOGLOBINS, ABNORMAL
(NO) leucine replaced by histidine at position alpha113(GH1)

hemoglobin UBE-2
(RN) 9035-30-7
(SY) Hb UBE-2
(HM) *HEMOGLOBINS, ABNORMAL
(NO) asparagine replaced by aspartic acid at position 68 on alpha chain

hemoglobin A2 Victoria
(RN) 91756-08-0
(SY) HbA2 Victoria
(SY) Hb A2 Victoria
(HM) *HEMOGLOBINS, ABNORMAL
(NO) glycine replaced by asparagine at position 24 on delta chain;found in patient with B-thallesemia

hemoglobin Volga
(SY) Hb Volga
(HM) *HEMOGLOBINS, ABNORMAL
(NO) alanine replaces aspartic acid at position alpha2 beta2 27(B9)

hemoglobin G Waimanalo
(RN) 52012-21-2
(SY) Hb G Waimanalo
(SY) Hb Aida
(HM) *HEMOGLOBINS, ABNORMAL
(NO) aspartic acid replaced by asparagine at position 64 on alpha chain

hemoglobin Warwickshire
(SY) Hb Warwickshire
(HM) *HEMOGLOBINS, ABNORMAL
(NO) proline replaced by arginine at position beta5(A2)

hemoglobin Wayne
(SY) Hb Wayne
(HM) *HEMOGLOBINS, ABNORMAL
(NO) an alpha-globin frameshift mutant

hemoglobin Willamette
(RN) 61840-07-1
(SY) Hb Willamette
(HM) *HEMOGLOBINS, ABNORMAL
(NO) proline replaced by arginine at position 51(D2) of normal hemoglobin consisting of 2 alpha chains & 2 beta chains

hemoglobin Winnipeg
(RN) 68679-22-1
(SY) Hb Winnipeg
(HM) *HEMOGLOBINS, ABNORMAL
(NO) aspartic acid replaced by tyrosine at position 75(EF4) on alpha2 chain

hemoglobin F Yamaguchi
(RN) 77907-58-5
(SY) Hb F Yamaguchi
(HM) *HEMOGLOBINS, ABNORMAL
(HM) *FETAL HEMOGLOBIN
(NO) aspartic acid replaced by asparagine at position 80(EF4) on gamma chain; found in Japan

hemoglobin York
(RN) 59355-66-7
(SY) Hb York
(HM) *HEMOGLOBINS, ABNORMAL
(NO) histidine replaced by proline at position 146 on beta chain

hemoglobin A2 Zagreb
(RN) 88361-48-2
(SY) HbA2 Zagreb
(SY) Hb A2 Zagreb
(HM) *HEMOGLOBINS, ABNORMAL
(NO) glycine replaced by glutamic acid at position 125(H3) on delta chain; associated with delta beta-thalassemia

hemoglobin Zurich
(RN) 9035-33-0
(SY) Hb Zurich
(HM) *HEMOGLOBINS, ABNORMAL

Hemophilus influenzae type b polysaccharide vaccine
(SY) HIB-vaccine
(HM) *BACTERIAL VACCINES
(II) HAEMOPHILUS INFLUENZAE

hemopoietic stem cell inhibition factor see stem cell inhibitory factor

hemopoietin 1 see hematopoietic cell growth factor

hemoregulatory peptide 5b
(SY) pyroglutamyl-glutamyl-aspartyl-cysteinyl-hydroxylysine
(SY) pGlu-Glu-Asp-Cys-Lys-OH
(SY) hp 5B
(HM) *OLIGOPEPTIDES
(II) CHALONES
(NO) synthetic analog of granulocyte chalone

hemorrhagic proteinase (Crotalus) see Crotalus atrox metalloproteinase

hemorrhagic proteinase IV
(RN) EC 3.4.-
(SY) HP IV
(SY) hemorrhagin
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) isolated from timber rattlesnake Crotalus horridus

hemorrhagic toxin f (Crotalid)
(SY) Crotalid hemorrhagic toxin f
(SY) HT-f C
(HM) *CROTALID VENOMS
(II) PEPTIDE HYDROLASES
(II) METALLOPROTEINS
(NO) from venom of Crotalus atrox (Western Diamondback rattlesnake); MW 64,000 with 572 amino acid residues; contains 1 mol zinc/mol protein; has both proteolytic & hemorrhagic acitvities

hemorrhagic toxin e see hemorrhagin components (Crotalid)

hemorrhagin see hemorrhagic proteinase IV

hemorrhagin components (Crotalid)
(SY) Aa-hemorrhagin I
(SY) Aa-hemorrhagin II
(SY) Aa-hemorrhagin III
(SY) hemorrhagic toxin e
(SY) Crotalid hemorrhagic principles
(HM) *CROTALID VENOMS
(II) PEPTIDE HYDROLASES
(NO) toxic components from Crotalid venoms; Aa-hemorrhagin I (Aa-I) & Aa-II are acidic proteins; Aa-III is basic; all have MW about 22,000

hemostatic 7702
(HM) *PLANT EXTRACTS
(HM) DRUG COMBINATIONS
(PA) HEMOSTATICS
(II) PLANTS, MEDICINAL
(II) MEDICINE, CHINESE
(NO) extract from 7 Chinese herbs

hemostimulin
(RN) 63028-74-0
(HM) *FERROUS COMPOUNDS
(NO) used in treatment of iron deficiency anemia & prevention of its relapses

hemozoin
(RN) 39404-00-7
(SY) haemozoin
(HM) *HEMEPROTEINS
(II) PIGMENTS
(NO) malarial parasite pigment

HEMPA N-demethylase see hexamethylphosphoramide N-demethylase

HEM-2G
(HM) HEME/*analogs
(II) INTERCALATING AGENTS
(NO) structure given in first source

H-endorphin see endorphin, humoral

hen egg white ovomacroglobulin see ovomacroglobulin

henna see lawsone

HENU-I see 1-nitroso-1-(2-hydroxyethyl)-3-ethylurea

HENU-II see 1-nitroso-1-ethyl-3-(2-hydroxyethyl)urea

hepaplastin
(RN) 77536-29-9
(HM) *INDICATORS AND REAGENTS
(NO) reagent used in liver function tests; no other information available at this time-9/76

heparanase
(RN) EC 3.2.1.-
(HM) *GLYCOSIDE HYDROLASES
(NO) tumor cell enzyme has endoglycosidase activity which degrades glycosaminoglycans into fragments of intermediate size

heparan sulfate endoglycosidase
(RN) EC 3.2.1.-
(SY) heparan sulphate endoglycosidase
(HM) *GLYCOSIDE HYDROLASES

heparan sulfate proteoglycan
(SY) proteoheparan sulfate
(HM) *PROTEOCHONDROITIN SULFATES
(HM) *HEPARAN SULFATE

heparan sulphate endoglycosidase see heparan sulfate endoglycosidase

heparin-agarose see heparin-sepharose

heparinase see heparin lyase

heparin-calcium see calciparin

heparin cofactor II
(HM) *GLYCOPROTEINS
(PA) ANTITHROMBINS
(NO) heparin-dependent thrombin inhibitor from human plasma; glycoprotein with mol wt 65,600

heparin, N-desulfated
(SY) N-desulfated heparin
(HM) HEPARIN/*analogs

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heparin–dihydergot
(SY) heparin–dihydroergotamine
(SY) heparin–dihydergot 2500
(SY) embolex
(SY) dihydroergotamine–heparin
(HM) *HEPARIN
(HM) *DIHYDROERGOTAMINE
(HM) DRUG COMBINATIONS
(NO) for prevention of thromboembolism; causes ergotism; contains above two cpds

heparin–dihydergot 2500 see heparin–dihydergot

heparin–dihydroergotamine see heparin–dihydergot

heparin eliminase see heparin lyase

heparin lyase
(RN) EC 4.2.2.7
(RR) 37290–85–0 (CRN)
(SY) heparin eliminase
(SY) heparinase
(HM) *POLYSACCHARIDE–LYASES

heparin–polylysine complex see polylysine–heparin

heparin proteoglycan
(SY) proteoheparin
(HM) *PROTEOGLYCANS
(HM) HEPARIN/*analogs
(NO) macromolecular heparin stored in mast cell granules

heparin receptor
(SY) receptor, heparin
(SY) heparin receptors
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) HEPARIN

heparin receptors see heparin receptor

heparin–sepharose
(SY) heparin–agarose
(HM) SEPHAROSE/*analogs
(II) AFFINITY LABELS
(II) HEPARIN

heparin sulfamatase see sulphoglucosamine sulphamidase

heparin sulfamidase see sulphoglucosamine sulphamidase

heparin N–sulfatase see sulphoglucosamine sulphamidase

heparitinase see heparitinsulfate lyase

heparitinsulfate lyase
(RN) EC 4.2.2.8
(SY) heparitinase
(HM) *POLYSACCHARIDE–LYASES

heparosan N–sulfate D–glucuronosyl 5–epimerase see uronosyl C–5 epimerase

Heparsorb see triethylaminoethyl cellulose

hepathrombin ointment see Ulcrux cream

hepatic–aid
(HM) *AMINO ACIDS, BRANCHED CHAIN
(II) FOOD, FORMULATED
(II) FOOD, FORTIFIED
(NO) formulated food for ameliorating patients with hepatic encephalopathy; contains increased amts of branched–chain l–isomer amino acids, decreased amts of aromatic amino acids, carbohydrates & fat

hepatic–binding protein
(SY) hepatic binding protein
(HM) *CARRIER PROTEINS
(II) GALACTOSE
(NO) glycoprotein receptor on surface of hepatic cells; specifically recognizes the exposed galactosyl residues of desialylated glycoproteins

hepatic binding protein see hepatic–binding protein

hepatic erythropoietin see hepatopoietin

hepatic lectin see asialoglycoprotein receptor

hepatic proliferation inhibitor see liver–derived inhibitory protein

hepatitis antigen non–A, non–B see hepatitis non–A, non–B antigen

hepatitis A antigens
(HM) *ANTIGENS, VIRAL
(II) HEPATITIS A VIRUS

hepatitis B hyperimmune globulin
(SY) HBIG
(HM) *IMMUNOGLOBULINS
(II) IMMUNIZATION, PASSIVE
(NO) has high antibody titre aganist HBsAg; given in conjunction with vacine for passive immunization

hepatitis non–A, non–B antigen
(SY) non–A, non–B hepatitis antigen
(SY) hepatitis antigen non–A, non–B
(SY) HANANB
(HM) *ANTIGENS, VIRAL
(II) HEPATITIS, VIRAL, NON–A, NON–B

hepatitis B surface antigen receptor
(SY) hepatits B surface antigen receptors
(SY) receptor, hepatitis B surface antigen
(SY) HBsAg receptor
(HM) *RECEPTORS, ANTIGEN
(II) HEPATITIS B SURFACE ANTIGENS

hepatitis B vaccine
(SY) Heptavax–B
(SY) HB Vaccine
(HM) *VIRAL HEPATITIS VACCINES

hepatitis A virus antibodies
(SY) anti–HAV
(HM) *HEPATITIS ANTIBODIES
(II) HEPATITIS A VIRUS

hepatits B surface antigen receptors see hepatitis B surface antigen receptor

hepatobida see technetium Tc 99m diethyl IDA

hepatocyte–stimulating factor
(HM) *PROTEINS
(II) MONOCYTES
(NO) monocyte–derived acute–phase regulatory protein; MW 25,000 to 30,000

hepatolite see technetium Tc 99m disofenin

hepatoma adhesive factor
(SY) cell surface–associated adhesive factor, rat hepatoma
(HM) *GLYCOPROTEINS
(II) CELL ADHESION
(II) MEMBRANE PROTEINS
(NO) MW 70,000 thermostable glycoprotein from surface of rat ascitic hepatoma cells

hepatopoietin
(RN) 72980–71–3
(SY) hepatopoietin A
(SY) hepatopoietin B
(SY) hepatic erythropoietin
(HM) *BLOOD PROTEINS
(II) LIVER REGENERATION
(NO) glycoprotein MW 38,000; from Peyer's patches; liver cell proliferation hormone; increases proliferation of hepatocytes after partial hepatectomy

hepatopoietin A see hepatopoietin

hepatopoietin B see hepatopoietin

hepatoredoxin
(HM) *FERREDOXINS
(II) MITOCHONDRIA, LIVER
(NO) hepatic mitochondrial ferredoxin

hepoxilin A see
8–hydroxy–11,12–epoxyeicosa–5,8,14–trienoic acid

hepoxilin B see
10–hydroxy–11,12–epoxyeicosa–5,8,14–trienoic acid

HEPP see IgE pentapeptide

hepsan see N–acetylmethionine

heptacaine
(RN) 55792–21–7
(SY) 2–piperidinoethyl–4–heptyloxyphenylcarbamate HCl
(HM) *PIPERIDINES
(PA) ANESTHETICS, LOCAL
(NO) structure

heptacarboxylic porphyrin
(RN) 25744–38–1
(RR) 60827–39–6 (cpd with unspecified carboxymethyl locants)
(HM) *PORPHYRINS

2,3,4,5,3',4',5'–heptachlorobiphenyl
(RN) 39635–31–9
(RR) 28655–71–2 (cpd with unspecified heptachloro locants)
(HM) *POLYCHLOROBIPHENYL COMPOUNDS
(NO) induces cytochromes P–448 & P–450; RN given refers to cpd with locants for chlorine moieties

heptacyclazin see ethoheptazine

heptadecane
(RN) 629–78–7
(HM) *ALKANES

heptadecanoic acid see margaric acid

heptadecanoic–17–(123)I acid see 17–iodoheptadecanoic acid

heptadecanoic–17–(131)I acid see 17–iodoheptadecanoic acid

heptadecapeptide gastrin
(RN) 60748–06–3
(SY) gastrin heptadecapeptide
(SY) SHG17NS
(SY) G 17
(SY) gastrin–17
(SY) little gastrin I
(HM) *GASTRINS
(II) HORMONES, SYNTHETIC

2,8,10–heptadecatriene–4,6–diyne–1,14–diol see enanthotoxin

3–heptadecylcatechol
(RN) 5862–27–1
(HM) *CATECHOLS

4–heptadecyl–7–hydroxycoumarin see
4–heptadecylumbelliferone

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4-heptadecylumbelliferone
(RN) 2t038-83-5
(SY) 4-HDUBF
(SY) 4-heptadecyl-7-hydroxycoumarin
(SY) umbelliferyl heptadecanoate
(HM) *UMBELLIFERONES
(II) FLUORESCENT DYES
(NO) fluorescence pH indicator

5,6-heptadiene-1,4-diamine
(SY) alpha-allenylputrescine
(HM) PUTRESCINE/*analogs
(PA) ORNITHINE DECARBOXYLASE/antag

heptafluorobutyric acid see perfluorobutyric acid

heptafluorobutyric anhydride
(RN) 336-59-4
(HM) *FLUOROCARBONS
(II) INDICATORS AND REAGENTS
(NO) structure

n-heptafluorobutyryl isobutyl ester of gamma-carboxyglutamic acid
(SY) gamma-carboxyglutamic acid n-heptafluorobutyryl isobutyl ester
(SY) HFB-GLA
(HM) *1-CARBOXYGLUTAMIC ACID/analogs

1,1,1,2,2,3,3-heptafluoro-7,7-dimethyl-4,6-octanedione see 6,6,7,7,8,8,8-heptafluoro-2,2-dimethyl-3,5-octanedione

6,6,7,7,8,8,8-heptafluoro-2,2-dimethyl-3,5-octanedione
(RN) 17587-22-3
(RR) 55914-82-4 ((3)H-labeled cpd)
(SY) 1,1,1,2,2,3,3-heptafluoro-7,7-dimethyl-4,6-octanedione
(HM) *HYDROCARBONS, FLUORINATED
(PA) HYPNOTICS
(II) IONOPHORES
(NO) RN given refers to parent cpd

heptaglycosylceramide, Le(a)-active see ceramide heptassaccharide

3,3',4,4',5,7-heptahydroxyflavane polymer
(HM) *FLAVONES
(HM) *POLYMERS
(NO) structure

heptakis(2,6-O-dimethyl)beta-cyclodextrin
(RN) 51166-71-3
(SY) HKDBC
(HM) *CYCLODEXTRINS
(II) GROWTH SUBSTANCES
(NO) stimulant for Bordetella pertussis Phase I

heptanal
(RN) 111-71-7
(HM) *ALDEHYDES

n-heptane
(RN) 142-82-5
(RR) 34480-77-8 (ion(1+))
(HM) *HEPTANES
(NO) RN given refers to parent cpd

Heptanedioic acid, 2-amino-6-((4-amino-4-carboxy-1-oxobutyl)amino)-, (2R-(2R*,6S*(R*)))- see N(2)-(gamma-D-glutamyl)-meso-2,2'-diaminopimelic acid

n-heptanol
(RN) 111-70-6
(RR) 53165-31-4 (Cu(1+) salt)
(RR) 25295-25-4 (Ge(4+) salt)
(RR) 38372-82-6 (Na salt)
(RR) 22093-06-5 (Ti(4+) salt)
(RR) 69887-95-2 (Mn(2+) salt)
(RR) 71187-12-7 (1-(13)C-labeled cpd)
(HM) *ALCOHOLS
(NO) RN given refers to parent cpd;

2-heptanone
(RN) 110-43-0
(SY) methyl-n-amyl ketone
(HM) *KETONES

4-heptanone
(RN) 123-19-3
(HM) *KETONES
(NO) marker in diabetes mellitus urine

heptanoyl-gamma-D-glutamyl-L-meso-diaminopimelyl-D-alanine see FK 565

heptaprenyl pyrophosphate synthetase
(RN) EC 2.5.1.-
(HM) *TRANSFERASES

heptathrombin ointment see Ulcrux cream

heptauridilate see heptauridylic acid

heptauridylate see heptauridylic acid

heptauridylic acid
(RN) 83379-52-6
(SY) heptauridylate
(SY) heptauridilate
(HM) *OLIGORIBONUCLEOTIDES
(HM) *URACIL NUCLEOTIDES

Heptavax-B see hepatitis B vaccine

heptenitol see 2,6-anhydro-1-deoxygluco-hept-1-enitol

heptenophos
(RN) 34783-40-9
(SY) Hoe 2982
(SY) Ragadan
(SY) Hostaquick
(HM) *ORGANOPHOSPHORUS COMPOUNDS
(PA) INSECTICIDES, ORGANOPHOSPHATE
(NO) structure

heptulose-7-phosphate see sedoheptulose 7-phosphate

heptulose-2-P see 1-deoxygluco-heptulose 2-phosphate

heptyl-3-catechin
(RN) 71628-07-4
(HM) *CATECHIN/analogs
(II) ADJUVANTS, IMMUNOLOGIC
(NO) RN given form Toxline for ((2R-trans)-isomer): RN not in Chemline 6/85

3-heptyl-delta(1)-tetrahydrocannabinol
(RN) 54763-99-4
(SY) 3-heptyl-delta-1-THC
(HM) TETRAHYDROCANNABINOL/*analogs
(NO) minor cannabinoid; structure given in first source; RN given refers to (6aR-trans)-isomer; RN for cpd without isomeric designation not in Chemline 8/85

3-heptyl-delta-1-THC see 3-heptyl-delta(1)-tetrahydrocannabinol

2-(n-heptyl)-4-hydroxyquinoline N-oxide
(RN) 341-88-8
(SY) 2-heptyl-4-hydroxyquinoline N-oxide
(SY) HHXQN-NO
(HM) *HYDROXYQUINOLINES
(NO) structure

2-heptyl-4-hydroxyquinoline N-oxide see 2-(n-heptyl)-4-hydroxyquinoline N-oxide

heptyl 1-thioglucoside
(RN) 85618-20-8
(HM) *THIOGLYCOSIDES
(II) DETERGENTS
(NO) nonionic detergent; RN given refers to (beta-D)-isomer; RN for cpd without isomeric designation not in Chemline 10/85

6-heptyne-2,5-diamine
(RN) 81645-70-7
(SY) MDL 72175
(SY) MDL-72175
(HM) *DIAMINES
(PA) ORNITHINE DECARBOXYLASE/antag
(PA) ANTINEOPLASTIC AGENTS

hepzide see nithiazide

herbazol
(HM) *PLANT EXTRACTS
(HM) *BICARBONATES
(HM) *BISMUTH
(HM) *MAGNESIUM
(HM) DRUG COMBINATIONS
(PA) ANTI-ULCER AGENTS
(PA) ANTACIDS
(NO) plant extracts from Chelidonium majus, Hypericum perforatum, Cortex Frangulae combined with sodium bicarbonate, bismuth subnitrate, magnesium carbonate

herbicide 6602 see dosanex

herbicidins
(RN) 77699-46-8
(HM) *PURINE NUCLEOSIDES
(PA) ANTIBIOTICS
(PA) HERBICIDES
(NO) antibiotics with selective herbicidal activity; A,B,C,E,F,& G produced by Streptomyces saganonensis; adenine nucleoside moiety in structure

herbicolin A
(RN) 74188-23-1
(HM) PEPTIDES
(PA) ANTIBIOTICS, ANTIFUNGAL
(NO) acylpeptide; see also record for herbicolins

herbimycin
(RN) 70563-58-5
(SY) herbimycin A
(HM) *QUINONES
(PA) HERBICIDES
(PA) ANTIBIOTICS
(NO) herbicidal antibiotic produced by Streptomyces hygroscopicus; see also herbimycin B; structure for herbimycin A in second source

herbimycin A see herbimycin

herbimycin B
(RN) 76207-83-5
(HM) *QUINONES
(PA) ANTIBIOTICS
(PA) HERBICIDES
(NO) herbicidal antibiotic produced by Streptomyces hygroscopicus; see also herbimycin A & herbimycin; structure in third source

Herbisan see dixanthogen

hereditary nephritis proteins
(SY) pro-HNP
(HM) *PROTEINS
(II) NEPHRITIS, HEREDITARY
(II) COMPLEMENT 3
(NO) catabolite of C3 in urine of hereditary nephritis patients; showed immunological identity to C3 & C3C

hermin
(HM) *AMINO ACIDS
(NO) amino acid complex used for treatment of herpes simplex keretites

hernandulcin
(SY) 6-(1,5-dimethyl-1-hydroxyhex-4-enyl)-3-methylcyclohex-2-enone
(HM) *SESQUITERPENES
(II) SWEETENING AGENTS
(NO) sesquiterpene 1000 times sweeter than sucrose from sweet plant Lippia dulcis Trev.; structure given in first source

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heroin hydrolase see diacetylmorphine hydrolase

herpes simplec virus type 1 gD see glycoprotein D, herpes simplex virus type 1

herpes simplex virus DNA polymerase
(RN) EC 3.1.11.-
(SY) HSV DNA polymerase
(SY) polymerase associated exonuclease
(HM) *EXODEOXYRIBONUCLEASES
(HM) *DNA POLYMERASES
(NO) 3'-5'-exonuclease activity is associated with herpes simplex virus DNA polymerase

herpes simplex virus type 1 glycoprotein gC see glycoprotein gC, herpes simplex type 1

herpes simplex virus type 2 glycoprotein gF see glycoprotein gF, herpes simplex virus type 2

herpes simplex virus type 1 glycoprotein B see glycoprotein B, herpes simplex virus type 1

herpes simplex virus type 1 glycoprotein D see glycoprotein D, herpes simplex virus type 1

herpes simplex virus type 1 glycoprotein E see glycoprotein E, herpes simplex virus type 1

herpes simplex virus type 1 glycoprotein H see glycoprotein H, herpes simplex virus type 1

herpes simplex virus type 2 glycoprotein B see glycoprotein B, herpes simplex virus type 2

herpes simplex virus type 2 glycoprotein D see glycoprotein D, herpes simplex virus type 2

herpes simplex virus type 1 protein ICP8
(SY) HSV type 1 protein ICP8
(SY) ICP8 HSV-1
(SY) infected-cell polypeptide 8, herpes simplex virus
(HM) *VIRAL PROTEINS
(II) HERPESVIRUS HOMINIS
(II) DNA-BINDING PROTEINS
(NO) MW appx 130,000

herpes simplex virus type 2 protein ICSP 11-12
(SY) HSV-2-ICSP-11-12
(SY) ICSP 11-12
(HM) *VIRAL PROTEINS
(II) HERPESVIRUS HOMINIS
(II) DNA BINDING PROTEINS
(NO) major HSV-2-specified DNA-binding protein in patients with acute HSV infection or cervical neoplasia

hesperetin
(RN) 520-33-2
(HM) *FLAVONES
(NO) aglycone or HESPERIDIN; structure

3,3'-HES see NSC 297170

hetacillin
(RN) 3511-16-8
(RR) 70953-65-0 (Al salt[3:1](2S-(2alpha,5alpha,6beta(S*)))-isomer)
(RR) 54450-67-8 (mono-Na salt(2S-(2alpha,5alpha,6beta(S*)))-isomer)
(RR) 18715-92-9 ((2S-(2alpha,5alpha,6alpha))-isomer)
(RR) 14635-52-0 (mono-Na salt(2S-(2alpha,5alpha,6beta))-isomer)
(RR) 5321-32-4 (mono-K salt(2s-(2alpha,5alpha,6beta(S*)))-isomer)
(SY) phenazacillin
(HM) *PENICILLINS
(NO) major descriptor (74-84); on-line search PENICILLINS (74-84); Index Medicus search HETACILLIN (74-84); RN given refers to parent cpd(2S-(2alpha,5alpha,6beta(S*)))-isomer; RN for cpd without isomeric designation not in Chemline 8/84

10,11,12-T-5,8,14,17-HETA see 10,11,12-trihydroxy-5,8,14,17-eicosatetraenoic acid

heterofos
(RN) 40626-35-5
(SY) heterophos
(SY) O-ethyl O-phenyl S-propyl phosphorothioate
(HM) *THIOPHOSPHORIC ACID ESTERS
(PA) INSECTICIDES, ORGANOTHIOPHOSPHATE

heterogeneous nuclear ribonucleoprotein see informofer

heteronium
(RN) 7247-57-6
(SY) heteronium bromide
(HM) *AMMONIUM COMPOUNDS
(PA) PARASYMPATHOLYTICS
(NO) RN given refers to bromide; RN for parent cpd not in Chemline 6/83; structure

heteronium bromide see heteronium

heterophos see heterofos

11-HETE see 11-hydroxy-5,8,12,14-eicosatetraenoic acid

12-HETE see 12-hydroxy-5,8,10,14-eicosatetraenoic acid

12-L-HETE see 12-hydroxy-5,8,10,14-eicosatetraenoic acid

15-HETE see 15-hydroxy-5,8,11,13-eicosatetraenoic acid

5-HETE see 5-hydroxy-6,8,11,14-eicosatetraenoic acid

Hetol see hexachloro-4-xylene

hevein
(HM) *PLANT PROTEINS
(NO) 43-amino acid residue protein from the rubber tree

hexaamminecobalt(II)
(RN) 15365-75-0
(RR) 28219-81-0 (duplicate RN)
(RR) 55494-92-3 (phosphate[1:1])
(RR) 12331-59-8 (nitrate[1:1])
(SY) cobalt hexammine
(HM) *COBALT
(PA) RADIATION-SENSITIZING AGENTS
(PA) ANTINEOPLASTIC AGENTS
(NO) RN given refers to parent cpd

hexaammineruthenium see hexammineruthenium

hexa(beta-glucopyranosyl)glucitol
(SY) hexa(beta-D-glucopyranosyl)-D-glucitol
(SY) HBGG
(HM) *GLUCANS

hexa(beta-D-glucopyranosyl)-D-glucitol see hexa(beta-glucopyranosyl)glucitol

Hexabrix see ioxaglic acid

hexabromobenzene
(RN) 87-82-1
(HM) *BROMOBENZENES

2,2',4,4',5,5'-hexabromobiphenyl see 2,4,5,2',4',5'-hexabromobiphenyl

2,3',4,4'5,5'-hexabromobiphenyl
(RN) 67888-99-7
(RR) 36355-01-8 (cpd with unspecified bromide locants)
(HM) *POLYBROMOBIPHENYL COMPOUNDS

2,4,5,2',4',5'-hexabromobiphenyl
(RN) 59080-40-9
(RR) 36355-01-8 (cpd with unspecified bromide locants)
(SY) 2,2',4,4',5,5'-hexabromobiphenyl
(HM) *POLYBROMOBIPHENYL COMPOUNDS
(NO) RN given refers to parent cpd

3,3',4,4',5,5'-hexabromobiphenyl
(RN) 60044-26-0
(RR) 36355-01-8 (cpd with unspecified bromide locants)
(HM) *POLYBROMOBIPHENYL COMPOUNDS

1,2,3,4,6,7-hexabromonaphthalene
(RN) 75625-24-0
(SY) 1,2,3,4,6,7-HBN
(HM) *HYDROCARBONS, BROMINATED
(HM) *NAPHTHALENES

2,3,4,5,6,7-hexabromonaphthalene
(SY) 2,3,4,5,6,7-HBN
(HM) *HYDROCARBONS, BROMINATED
(HM) *NAPHTHALENES

hexabutyldistannoxane see lastanox Q

hexa CAF
(SY) hexa-CAF
(HM) HEXAMETHYLMELAMINE
(HM) CYCLOPHOSPHAMIDE
(HM) METHOTREXATE
(HM) FLUOROURACIL
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

hexa-CAF see hexa CAF

hexacarbacholine bromide
(RN) 306-41-2
(HM) CARBACHOL/*analogs
(PA) NEUROMUSCULAR DEPOLARIZING AGENTS
(NO) structure

hexachloroacetone
(RN) 116-16-5
(HM) ACETONE/*analogs
(PA) MUTAGENS
(NO) found in edible Hawaiian seaweed; has mutagenic activity in variety of short term bacterial assay systems in absence of microsomal activation

hexachlorobicycloheptadiene see hexachloronorbornadiene

2,2',3,3',5,5'-hexachlorobiphenyl see 2,3,5,2',3',5'-hexachlorobiphenyl

2,2',4,4',5,5'-hexachlorobiphenyl see 2,4,5,2',4',5'-hexachlorobiphenyl

2,3,4,2',3',4'-hexachlorobiphenyl
(RN) 38380-07-3
(HM) *POLYCHLOROBIPHENYL COMPOUNDS

2,3',4,4',5,5'-hexachlorobiphenyl see 2,4,5,3',4',5'-hexachlorobiphenyl

2,3,5,2',3',5'-hexachlorobiphenyl
(RN) 35694-04-3
(SY) 2,2',3,3',5,5'-hexachlorobiphenyl
(HM) *POLYCHLOROBIPHENYL COMPOUNDS

2,3,6,2',3',6'-hexachlorobiphenyl
(RN) 38411-22-2
(HM) *POLYCHLOROBIPHENYL COMPOUNDS

2,4,5,2',4',5'-hexachlorobiphenyl
(RN) 35065-27-1
(SY) 2,2',4,4',5,5'-hexachlorobiphenyl
(HM) *POLYCHLOROBIPHENYL COMPOUNDS

2,4,5,3',4',5'-hexachlorobiphenyl
(RN) 52663-72-6
(SY) 2,3',4,4',5,5'-hexachlorobiphenyl
(HM) *POLYCHLOROBIPHENYL COMPOUNDS

3,3',4,4',5,5'-hexachlorobiphenyl see 3,4,5,3',4',5'-hexachlorobiphenyl

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3,4,5,3',4',5'-hexachlorobiphenyl
(RN) 32774-16-6
(SY) 3,3',4,4',5,5'-hexachlorobiphenyl
(HM) *POLYCHLOROBIPHENYL COMPOUNDS

hexachlorobutadiene
(RN) 87-68-3
(SY) hexachloro-1,3-butadiene
(HM) *BUTADIENES
(II) FUNGICIDES, INDUSTRIAL
(NO) structure

hexachloro-1,3-butadiene see hexachlorobutadiene

hexachlorocyclopentadiene
(RN) 77-47-4
(HM) *HYDROCARBONS, CHLORINATED
(PA) TERATOGENS

hexachlorodibenzo-p-dioxin see hexachlorodibenzo-4-dioxin

hexachlorodibenzo-4-dioxin
(RN) 34465-46-8
(SY) hexachlorodibenzo-p-dioxin
(HM) *TETRACHLORODIBENZODIOXIN/analogs

hexachloroethane
(RN) 67-72-1
(SY) carbon hexachloride
(SY) perchloroethane
(SY) ethylene hexachloride
(SY) Avlothane
(HM) *HYDROCARBONS, CHLORINATED
(PA) ANTHELMINTICS

hexachloroiridate
(RN) 16941-92-7
(RR) 73207-46-2 ((191)Ir-labeled cpd)
(RR) 16941-25-6 (di-Na salt)
(RR) 16940-92-4 (di-NH4 salt)
(RR) 16920-56-2 (di-K salt)
(SY) potassium iridium chloride
(SY) K(2)IrCl(6)
(SY) chloroiridic(IV) acid
(HM) *IRIDIUM
(II) INDICATORS AND REAGENTS
(NO) inhibitor of DNA synthesis; K2IrCl6 as oxidizing agent; RN given refers to parent cpd

hexachloronorbornadiene
(RN) 28680-44-6
(SY) hexachlorobicycloheptadiene
(SY) Hex-BCH
(HM) *NORBORNANES
(NO) key intermediate in synthesis of isodrin & endrin; RN given refers to cpd without designation for hexachloro moieties; RN for cpd with chloro moieties in 1,2,3,4,7,7 positions: 3389-71-7

1,2,3,4,9,9-hexachloro-1,4,4a,5,6,7,8,8a-octahydro-6,7-dimethyl-6,7-epoxy-1,4-methanonaphthalene
(RN) 73292-20-3
(SY) HCODEM
(HM) DIELDRIN/*analogs
(NO) structure

hexachloroparaxylol see hexachloro-4-xylene

hexachloroplatinate disodium see disodium hexachloroplatinate

hexachloro-p-xylene see hexachloro-4-xylene

hexachloro-4-xylene
(RN) 68-36-0
(SY) chloxyl
(SY) hexachloroparaxylol
(SY) Hetol
(SY) 1,4-bis(trichloromethyl)benzene
(SY) hexachloro-p-xylene
(HM) *XYLENES
(PA) ANTHELMINTICS
(PA) ANTIPLATYHELMINTIC AGENTS
(NO) structure

hexacosanoic acid
(RN) 506-46-7
(HM) *FATTY ACIDS
(NO) a C(26) saturated acid

1-hexacosenoic acid
(RN) 26444-07-5
(HM) *FATTY ACIDS, UNSATURATED

hexacyanochromate
(RN) 13601-11-1
(HM) *CHROMATES
(HM) *CYANIDES
(NO) paramagnetic anion probe for active sites of enzymes; RN given refers to tri-K salt; RN for parent cpd not in Chemline 7/7/83; structure

hexacyanocobaltate (III)
(RN) 17632-85-8
(RR) 14049-79-7 (Zn[2:3]salt)
(RR) 14039-23-7 (tri-Na salt)
(RR) 13963-58-1 (tri-K salt)
(RR) 14123-08-1 (Co(2+)[2:3]salt)
(RR) 14564-70-6 (tetra-K salt)
(HM) *COBALT
(HM) *CYANIDES
(II) INDICATORS AND REAGENTS
(NO) sensitive probe of protein interactions with anions; RN given for (60)Co-labeled cpd; RN for unlabeled cpd not in Chemline 7/7/83

hexacyanoferrate II
(RN) 13408-63-4
(SY) ferrocyanide
(HM) *FERROCYANIDES

hexacyanoferrate III
(RN) 13408-62-3
(SY) ferricyanide
(SY) iron-hexacyanide
(HM) *FERRICYANIDES
(NO) RN given refers to parent cpd

hexadecanal dehydrogenase (acylating)
(RN) EC 1.2.1.42
(SY) fatty acyl-CoA reductase
(SY) fatty acyl-coenzyme A reductase
(SY) acyl-CoA reductase
(HM) *ALDEHYDE OXIDOREDUCTASES
(NO) substrate PALMITIC ACIDS may be replaced by STEARIC ACIDS as appr

n-hexadecane
(RN) 544-76-3
(SY) hexadecane
(HM) *ALKANES
(NO) structure

hexadecane see n-hexadecane

hexadecanesulfonate see cetylsulfonic acid

n-hexadecanol see cetyl alcohol

hexadecan-1-ol see cetyl alcohol

2-hexadecanoylamino-4-nitrophenyl-beta-D- glucopyranoside
(RN) 61443-58-1
(SY) HNGLC
(SY) HDA-Glc
(HM) *GLUCOSIDES
(II) CHROMOGENIC COMPOUNDS
(NO) chromogenic substrate for glucocerebrosidase; structure

2-N-(hexadecanoyl)-amino-4- nitrophenylphosphorylcholine see 2-hexadecanoylamino-4-nitrophenylphosphorylcholine

2-hexadecanoylamino-4-nitrophenylphosphorylcholine
(RN) 60438-73-5
(SY) HDANPPcholine
(SY) 2-N-(hexadecanoyl)-amino-4-nitrophenylphosphorylcholine
(SY) HDA-PC
(HM) PHOSPHORYLCHOLINE/*analogs
(II) CHROMOGENIC COMPOUNDS
(NO) sphingomyelin analog cleaved by sphingomyelinase used for detection of homozygotes and heterozygous carriers of Niemann-Pick disease; structure

hexadecanoyl dihydroxyacetone phosphate see palmitoyl dihydroxyacetone phosphate

12-O-hexadecanoyl-16-hydroxyphorbol-13-acetate see croton factor F1

1-hexadecyl-2-acetyl-glycero-3-phosphocholine
(RN) 74389-68-7
(SY) HD-PAF
(SY) HAG-PC
(SY) 1-O-hexadecyl-2-O-acetyl-sn-glyceryl-3-phosphorylcholine
(SY) HAGPC
(SY) APRL
(HM) PLATELET ACTIVATING FACTOR/*analogs
(PA) ANTIHYPERTENSIVE AGENTS
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS

1-O-hexadecyl-2-O-acetylglyceryl-3(2-trimethyl ammoniummethyl)phosphonate see phosphono-platelet activating factor

1-O-hexadecyl-2-acetyl-sn-glycerol
(RN) 89315-42-4
(SY) palmitoyl-acetyl-glycerol
(SY) MD-76
(HM) *DIGLYCERIDES
(NO) RN given refers to (R)-isomer; RN for cpd without isomeric designation not in Chemline 9/84

1-O-hexadecyl-2-O-acetyl-sn-glyceryl-3- phosphorylcholine see 1-hexadecyl-2-acetyl-glycero-3-phosphocholine

hexadecylamine
(RN) 143-27-1
(RR) 68810-16-2 (HBr)
(RR) 3151-59-5 (HF)
(RR) 2016-52-6 (acetate)
(RR) 1602-97-7 (HCl)
(SY) cetylamine
(SY) cetylaminohydrofluoride
(SY) palmitylamine
(HM) *AMINES
(NO) RN given refers to parent cpd

p-hexadecylaminobenzoate sodium see cetaben

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1-O-hexadecyl-2-arachidonyl-sn-glycero-3- phosphocholine
(RN) 6931-56-2
(RR) 35418-58-7 ((R-(all-Z))-isomer)
(SY) 1-palmitoyl-2-arachidonyl-GPC
(HM) *PHOSPHATIDYLCHOLINES
(NO) RN given refers to (all-Z)-isomer; RN for cpd without isomeric designation not in Chemline 11/84

P(1)-(1-hexadecyl)-P(2)-(1-beta-arabinofuranosylcytosin-5'-yl) pyrophosphate
(RN) 93605-01-7
(SY) ara-CDP hexadecyl ester
(HM) *ARABINONUCLEOTIDES
(PA) ANTINEOPLASTIC AGENTS
(NO) RN & structure given in first source; RN not in Chemline 3/85

hexadecyl beta-D-glucoside see hexadecyl glucoside

3-O-(1-hexadecyl)cholesterol
(RN) 22032-48-0
(SY) hexadecyl cholesteryl ether
(HM) CHOLESTEROL/*analogs
(NO) used as liposome marker

hexadecyl cholesteryl ether see 3-O-(1-hexadecyl)cholesterol

hexadecylcitric acid see agaric acid

hexadecyl glucoside
(RN) 75319-63-0
(SY) hexadecyl beta-D-glucoside
(HM) *GLUCOSIDES

1-hexadecylmercapto-2-methoxymethyl-3- propylphosphoric acid monocholine ester
(SY) HMMPAM
(HM) *PHOSPHORIC ACID ESTERS
(PA) ANTINEOPLASTIC AGENTS
(NO) used in treatment of colonic adenocarcinoma in rats; MF: C26-H56-N-O5-P-S; structure given in first source

n-hexadecylphosphorylcholine
(RN) 58066-85-6
(SY) HDPC
(HM) PHOSPHORYLCHOLINE/*analogs

1-O-hexadecylpropanediol 3-phosphorylcholine see We 201

hexadecyl sulfonate see cetylsulfonic acid

hexadecyltrimethylammonium bromide see cetrimonium

1-hexadecyltrimethylammonium chloride see cetrimonium

3,5-Hexadienoic acid, 2-(methoxymethylene)-3-methyl-6-(3-((3-methyl-2-butenyl)oxy)phenyl)-, methyl ester, (E,E,E)- see strobilurin C

hexadiphene see prozapine

20-(1,5-hexadiynyl)-5-pregnen-3,20-diol
(RN) 86532-89-0
(SY) HDYPD
(HM) PREGNENOLONE/*analogs
(PA) CYTOCHROME P-450/antag
(NO) acetylenic steroid mechanism-based inhibitor of cytochrome P-450 cholesterol side chain cleavage; structure given in first source

hexafluorenium
(RN) 4844-10-4
(RR) 317-52-2 (di-Br salt)
(SY) hexafluronium bromide
(SY) mylaxen
(SY) hexamethylenebis(fluoren-9-yldimethylammonium) dibromide
(SY) hexafluorenium bromide
(HM) *HEXAMETHONIUM COMPOUNDS
(HM) *FLUORENES
(PA) CURARE-LIKE AGENTS
(PA) CHOLINESTERASE INHIBITORS
(NO) curarimimetic agent for use with succinylcholine; muscle relaxant; structure; RN given refers to parent cpd

hexafluorenium bromide see hexafluorenium

hexafluoroacetone
(RN) 684-16-2
(RR) 34202-69-2 (trihydrate)
(RR) 10543-95-0 (monohydrate)
(RR) 13098-39-0 (sesquihydrate)
(RR) 32836-39-8 (dihydrate)
(RR) 10057-27-9 (hydrate)
(HM) ACETONE/*analogs
(HM) *FLUOROCARBONS
(NO) structure; RN given refers to parent cpd

hexafluorobenzene
(RN) 392-56-3
(HM) *FLUOROCARBONS
(PA) ANESTHETICS
(NO) structure

hexafluorocalcitriol see 26,26,26,27,27,27-hexafluoro-1,25-dihydroxyvitamin D3

26,26,26,27,27,27-hexafluoro-1,25-dihydroxyvitamin D3
(RN) 83805-11-2
(SY) hexafluorocalcitriol
(HM) CALCITRIOL/*analogs
(NO) long lasting analog of calcitriol; RN given refers to (1alpha,3beta,5Z,7E)-isomer; RN for cpd without isomeric designation not in Chemline 1/85

hexafluoroisopropanol
(RN) 920-66-1
(SY) hexafluoropropanol
(HM) ALCOHOL, PROPYL/*analogs
(NO) structure

1,1,1,3,3,3-hexafluoroisopropyl methyl ether see iso-Indoklon

hexafluoropropanol see hexafluoroisopropanol

hexafluorosilicic acid
(RN) 16961-83-4
(SY) silicon hexafluoride dihydride
(SY) hydrofluosilicic acid
(SY) fluosilicic acid
(HM) *SILICON
(HM) *FLUORIDES

hexafluronium bromide see hexafluorenium

hexaglutamate folate
(RN) 35409-55-3
(SY) PteGlu6
(HM) *PTEROYLPOLYGLUTAMIC ACIDS

hexahydro-1H-azepine-1-carbothioic acid S-ethyl ester see molinate

2-(hexahydroazepine)-N-(2,6-dimethylphenyl)acetamide see IQB M 81

hexahydro-2H-azepin-2-one polyamide see nylon 6

1,2,6,7,8,8a-hexahydro-beta,delta-dihydroxy-2,6-dimethyl-8-(2-methyl-1-oxobutoxy)-1- naphthaleneheptanoic acid delta-lactone see mevinolin

1,2,3,3a,4,5-hexahydrocanthin-6-one
(RN) 26400-25-9
(RR) 80045-72-3 (HCl)
(SY) 1,2,3,3a,4,5-hexahydro-6H-indol(3,2,1-de)(1,5) naphthyridin-6-one
(HM) *NAPHTHYRIDINES
(PA) CARDIOVASCULAR AGENTS
(NO) RN given refers to paren cpd; structure given in first source

4a,6,6a,12,12a,12b-hexahydro-4a,12a-dihydroxy-4,4,6a,12b-tetramethyl-9-(3,5-dimethoxy-4-hydroxyphenyl)-4H,11H-naphtho(2,1-b)pyrano(3,4-e)pyran-1,11(5H)-dione see territrem C

2,3,4,4a,5,9b-hexahydro-2,8-dimethyl-1H-pyrido(4,3-b) indole see dicarbine

2,4,5,7,12b,12c-hexahydro-1H-(1,3)dioxolo- (4,5-j) pyrrolo(3,2,1-de)phenanthridine-1,2-diol see lycorine

3,3',4,4',5,7-hexahydroflavane see leucocyanidin

1',2',3',4',5',6'-hexahydrohomofolic acid
(RN) 83704-88-5
(SY) HH-folic acid
(HM) FOLIC ACID/*analogs
(PA) FOLIC ACID ANTAGONISTS
(NO) RN & structure given in first source

1,2,3,4a,5,6-hexahydro-9-hydroxy-4-n-propyl-4H-naphth (1,2-b)(1,4)oxazine see 4-propyl-9-hydroxy-1,2,3,4a,5,6-hexahydronaphthoxazine

2,3,4,4a,5,9b-hexahydro-1H-indeno(1,2-b) pyridine
(RN) 88687-51-8
(SY) 2,3,4,4a,5,9b-HIP
(HM) *PYRIDINES

1,2,3,3a,4,5-hexahydro-6H-indol(3,2,1-de)(1,5) naphthyridin-6-one see 1,2,3,3a,4,5-hexahydrocanthin-6-one

3-(hexahydro-1H-azepin-1yl)-3'nitropropiophenone hydrochloride see phenitrone

3,4,4a,5,6,6a-hexahydro-3-methoxy-5-methyl-8H- (1,3) dioxolo(6,7)(2)benzopyrano(3,4-c)indol-8-ol (stereoisomer) see pretazettine

cis-3a,4,5,6,7,7a-hexahydro-3-(1-methyl-5-nitro-1H-imidazol-2-yl)-1,2-benzisoxazole-6,7-diol see L 634549

3a,4,5,6,7,7a-hexahydro-3-(1-methyl-5-nitro- 1H-imidazol-2-yl)-1,2-benzisoxazole see MK-436

1,3,4,6,7,11b-hexahydro-2-methyl-7-phenyl-2H-pyrazino(2,1-a)isoquinoline
(RN) 90065-35-3
(RR) 90065-36-4 (di-HCl(cis)-isomer)
(SY) HMPPIQ
(HM) *ISOQUINOLINES
(PA) ANTIDEPRESSIVE AGENTS
(NO) RN & structure given in first source; RN given refers to (cis)-isomer; RN for cpd without isomeric designation not in Chemline 9/84

1,2,3,4,4a,5-hexahydro-3-methyl-7-(2-thienyl)-pyrazino-(1,2a)(1,4)-benzodiazepine see KC 5944

3,3a,4,5,6,7-hexahydro-2-(3-(4-morpholinyl)propyl)-3-phenyl-7-(phenylmethylene)-2H-indazole see SQ 26,298

1,2,3,4,6,10b-hexahydro-6-phenylpyrrolo(2,1-a) isoquinoline see McN 4612

hexahydrophthalic anhydride see araldite

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2,3,4,4a,5,6-hexahydro-9-(trifluoromethyl)-1H-pyrazino(1,2-a) quinoline
(RN) 96430-25-0
(RR) 96430-24-9 (HCl)
(SY) HTMPQ
(HM) *PYRAZINES
(HM) *QUINOLINES
(NO) exhibits high affinity for serotonin receptor; RN & structure given in first source; RN not in Chemline 8/85; RN given refers to parent cpd

hexahydro-1,3,5-trinitro-s-triazine see cyclonite

hexahydroubiquinone-4
(RN) 362-45-8
(HM) UBIQUINONE/*analogs

5,6,9,17,19,21-hexahydroxy-23-methoxy-2,4,12,16,18,20,22-heptamethyl-2,7-(epoxypentadeca(1,11,13)trienimino) naptho(2,1-b)furan-1,11(2-H)-dione, 21-acetate see rifamycin SV

hexa(methacryloylethylenedioxy) cyclotriphosphazene
(SY) PNC-HEMA
(HM) *POLYMETHACRYLIC ACIDS
(II) COMPOSITE RESINS

hexamethonium
(RN) 60-26-4
(RR) 870-62-2 (diiodide)
(RR) 69078-11-1 ((14)C-labeled cpd, diiodide)
(RR) 56503-18-5 (dimethylsulfate)
(RR) 2079-78-9 (bitartrate)
(RR) 815-76-9 (monotartrate)
(RR) 556-81-0 (dihydroxide)
(RR) 60-25-3 (chloride)
(RR) 55-97-0 (dibromide)
(RR) 56359-96-7 (bis(tetrafluoroborate))
(RR) 41091-81-0 (Ag(1+)iodide[1:12:14] salt)
(RR) 78995-78-5 (diperchlorate)
(RR) 69078-11-1 (14C-labeled cpd diiodide)
(RR) 16986-49-5 (dichloride dihydrate)
(RR) 5187-74-6 (dibromide dihydrate)
(SY) depressin
(SY) hexamethonium bromide
(SY) hexamethonium chloride
(SY) hexonium
(HM) *HEXAMETHONIUM COMPOUNDS
(PA) ANTIHYPERTENSIVE AGENTS
(NO) RN given refers to parent cpd; see also benzohexonium: 971-60-8; structure

hexamethonium bisbenzosulfonate see benzohexonium

hexamethonium bromide see hexamethonium

hexamethonium chloride see hexamethonium

hexamethylcyclotrisiloxane
(RN) 541-05-9
(HM) *SILOXANES
(NO) structure

hexamethyldisilazane see hexamethylsilazane

hexamethylene bisacetamide
(RN) 3073-59-4
(SY) HMBA
(HM) *ACETAMIDES

hexamethylenebis(fluoren-9-yldimethylammonium) dibromide see hexafluorenium

hexamethylenediamine see 1,6-diaminohexane

hexamethylene diisocyanate
(RN) 822-06-0
(HM) *CYANATES

hexamethylene diisocyanate trimer
(RN) 28574-90-5
(HM) *CYANATES
(NO) aerosol spray causes pulmonary edema

hexamethylphosphoramide N-demethylase
(RN) EC 1.5.1.-
(SY) HEMPA N-demethylase
(SY) HMPA N-demethylase
(HM) *OXIDOREDUCTASES, N-DEMETHYLATING
(NO) cytochrome P-450 dependent

hexamethylsilazane
(RN) 999-97-3
(RR) 4039-32-1 (Li salt)
(RR) 1070-89-9 (Na salt)
(RR) 25605-37-2 (Al salt)
(RR) 3323-04-4 (Cd salt)
(RR) 41836-21-9 (Ce(3+) salt)
(RR) 37512-31-5 (Cr(3+) salt)
(RR) 18544-54-2 (Co(2+) salt)
(RR) 35789-02-7 (Eu(3+) salt)
(RR) 35789-03-8 (Gd(3+) salt)
(RR) 35450-28-3 (Ga salt)
(RR) 55290-25-0 (Ge(2+) salt)
(RR) 41836-27-5 (Ho(3+) salt)
(RR) 35450-29-4 (In(3+) salt)
(RR) 22999-67-3 (Fe(3+) salt)
(RR) 35788-99-9 (La(3+) salt)
(RR) 55147-59-6 (Pb(2+) salt)
(RR) 35789-04-9 (Lu(3+) salt)
(RR) 18741-03-2 (Mg salt)
(RR) 4104-81-8 (Hg(2+) salt)
(RR) 41836-23-1 (Nd(3+) salt)
(RR) 40949-94-8 (K salt)
(RR) 35789-00-5 (Pr(3+) salt)
(RR) 35789-01-6 (Sm(3+) salt)
(RR) 37512-28-0 (Sc(3+) salt)
(RR) 55147-78-9 (Se(2+) salt)
(RR) 37512-29-1 (Ti(3+) salt)
(RR) 37512-30-4 (V(3+) salt)
(RR) 41836-29-7 (Yb(3+) salt)
(RR) 41836-28-6 (Y(3+) salt)
(RR) 3999-27-7 (Zn salt)
(RR) 2722-23-8 (silanamine-(15)N-labeled cpd)
(RR) 25733-02-2 (Be salt)
(RR) 63226-58-4 (Tl(3+) salt)
(RR) 69927-52-2 (U(3+)[3:1] salt)
(RR) 70309-68-1 (Mn(2+) salt)
(SY) hexamethyldisilazane
(HM) *SILICON
(II) FIXATIVES
(NO) RN given refers to parent cpd

hexamidine
(RN) 3811-75-4
(RR) 50357-46-5 (di-HCl)
(SY) 1,6-di(para-amidinophenoxy)hexane
(SY) 1,6-di-(4-amidinophenoxy)hexane
(HM) BENZAMIDINES
(PA) ANTIBIOTICS
(NO) do not confuse with 125-33-7, 2-deoxyphenobarbital also called hexamidine; RN given refers to parent cpd

hexaminecobalt (III) trichloride
(RN) 10534-89-1
(HM) *COBALT
(HM) *POLYAMINES
(II) INDICATORS AND REAGENTS
(NO) structure

hexamine hippurate see methenamine hippurate

hexammineruthenium
(RN) 19052-44-9
(SY) hexammineruthenium(II)
(SY) ruthenium hexammine trichloride
(SY) ruthenium hexaamine trichloride
(SY) hexaammineruthenium
(SY) ruthenium hexaammine trichloride
(HM) *RUTHENIUM
(NO) RN given refers to parent cpd

hexaminecobalt(II) see hexammineruthenium

n-hexanal
(RN) 66-25-1
(SY) hexanaldehyde
(HM) *ALDEHYDES

hexanaldehyde see n-hexanal

n-hexane
(RN) 110-54-3
(RR) 27581-27-7 (1-(13)C-labeled cpd)
(RR) 28383-59-7 (2-(13)C-labeled cpd)
(RR) 35078-86-5 (3-(13)C-labeled cpd)
(SY) n-Hexane
(HM) *HEXANES
(NO) RN given refers to parent cpd

n-Hexane see n-hexane

hexanedinitrile see adiponitrile

hexanediol diacrylate see 1,6-hexanediol diacrylate

1,6-hexanediol diacrylate
(RN) 13048-33-4
(SY) hexanediol diacrylate
(HM) *ACRYLATES

2,5-hexanediol
(RN) 2935-44-6
(HM) *GLYCOLS

2,5-hexanedione-bis(phenylhydrazone) see acetonylacetone bis(phenylhydrazone)

2,3-hexanedione
(RN) 3848-24-6
(HM) *HEXANONES

2,4-hexanedione
(RN) 3002-24-2
(HM) *HEXANONES

2,5-hexanedione
(RN) 110-13-4
(HM) *HEXANONES
(NO) metabolite of methyl-n-butyl ketone

2,4,6,2',4',6'-hexanitrodiphenylamine see dipicrylamine

hexanoate see hexanoic acid

hexanoic acid
(RN) 142-62-1
(RR) 38708-95-1 (Ca salt)
(RR) 24557-05-9 (Ba salt)
(RR) 19455-00-6 (K salt)
(RR) 16571-42-9 (Mn(2+) salt)
(RR) 16034-23-4 (Ni(2+) salt)
(RR) 13476-79-4 (Cu(2+) salt)
(RR) 10051-44-2 (Na salt)
(RR) 67227-10-5 (Rh(2+) salt)
(RR) 50961-13-2 (1-(11)C-labeled cpd Na salt)
(SY) hexanoate
(HM) *HEXANOIC ACIDS
(NO) RN given refers to parent cpd

n-hexanol see 1-hexanol

1-hexanol
(RN) 111-27-3
(RR) 23275-26-5 (Al salt)
(SY) 1-hexyl alcohol
(SY) n-hexanol
(HM) *ALCOHOLS, HEXYL
(NO) RN given refers to parent cpd

2-hexanol
(RN) 626-93-7
(HM) *ALCOHOLS, HEXYL

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hexanoyl-CoA see hexanoyl-coenzyme A

hexanoyl-coenzyme A
(RN) 3060-32-2
(SY) hexanoyl-CoA
(SY) coenzyme A, hexanoyl
(HM) *ACYL COENZYME A

hexanoyldiiodo-N-(4-azido-2-nitrophenyl) tyramine
(RN) 73794-11-3
(SY) HDIANPT
(HM) TYRAMINE/*analogs
(II) INDICATORS AND REAGENTS
(NO) photoactivatable reagent used for labeling lymphocyte surface antigens; structure given in first source

hexanoylglycine see N-caproylglycine

hexaoxyethylene dodecyl ether
(RN) 3055-96-7
(RR) 73171-19-4 (1-(14)C-labeled cpd)
(RR) 73171-20-7 (19-(14)C-labeled cpd)
(HM) *POLYETHYLENE GLYCOLS
(II) SURFACE-ACTIVE AGENTS
(NO) RN given refers to parent cpd

hexapeptide, pancreatic polypeptide see pancreatic polypeptide hexapeptide

hexapeptide (pGlu(6))SP(6-11) see Substance P(6-11), pGlu(6)-

hexaphosphamide
(RN) 3054-21-5
(SY) AI3-62488
(SY) 1,1'-(cyclohexylaminophosphinothioyliden) diaziridine
(HM) *AZIRIDINES
(HM) *ORGANOTHIOPHOSPHORUS COMPOUNDS
(PA) ANTINEOPLASTIC AGENTS
(II) CHEMOSTERILANTS
(NO) structure

hexaprazol see esaprazole

hexaprenylpyrophosphate synthetase
(RN) EC 2.5.1.-
(SY) all-trans-hexaprenylpyrophosphate synthase
(HM) *DIMETHYLALLYLTRANSFERASE
(NO) from Micrococcus luteus B-P26; composed of 2 components; requires all-trans farnesyl or all-trans-geranylgeranyl pyrophosphate

hexapropymate
(RN) 358-52-1
(HM) *CARBAMATES
(PA) HYPNOTICS AND SEDATIVES
(NO) structure

Hexa protein see gene proteins, bacterial

hexargin
(RN) 86336-33-6
(SY) hexarginium
(HM) *SILVER NITRATE
(HM) *MET HENAMINE
(HM) DRUG COMBINATIONS

hexarginium see hexargin

hexasodium metatungstate see sodium metatungstate

hexathionine sulfoximine
(SY) hexthionine sulfoximine
(HM) METHIONINE SULFOXIMINE/*analogs

hexazinone
(RN) 51235-04-2
(RR) 72586-75-5 ((14)C-labeled cpd)
(SY) Velpar
(SY) 3-cyclohexyl-6-(dimethylamino)-1-methyl-1,3,5-triazine-2,4(1H,3H)-dione
(HM) *TRIAZINES
(PA) HERBICIDES, TRIAZINE
(NO) RN given refers to parent cpd; structure in first source

Hex-BCH see hexachloronorbornadiene

Hexcelite
(HM) *PLASTICS
(II) CASTS, SURGICAL

5-Hexenoic acid, 4-methoxy-2-(methoxymethylene)-3-methyl-6-phenyl-, methyl ester, (2E,3R*,4R*,5E)-(-)- see oudemansin

hexestrol bis(diethylaminoethyl ether)
(RN) 2691-45-4
(RR) 64280-25-7 ((R*,S*)-isomer)
(RR) 69-14-7 (di-HCl)
(SY) 2,2'''-((1,2-diethylethylene)bis(p-phenyleneoxy))-bis(triethylamine)
(SY) diethylaminoethoxyhexestrol
(SY) 4,4'-bis(beta-diethylaminoethoxy)alpha,beta-diethyldiphenylethane
(SY) coralgil
(SY) coralgina
(SY) trimanyl
(HM) HEXESTROL/*analogs
(PA) VASODILATOR AGENTS
(NO) minor descriptor (75-84); on-line & Index Medicus search HEXESTROL/AA (75-84); RN given refers to parent cpd without isomeric designation

hexobarbital hydroxylase
(RN) EC 1.14.-
(HM) *HYDROXYLASES
(NO) hexobarbital goes to 3-hydroxyhexobarbital

hexobarbital oxidase
(RN) EC 1.1.-
(HM) *ALCOHOL OXIDOREDUCTASES
(NO) hexobarbital is oxidized to ketohexobarbital

hexocalex see lime

hexocalex 6-9 see lime

hexogen see cyclonite

hexon
(SY) hexon protein
(SY) fiber
(SY) adenovirus hexon protein
(HM) *CAPSID
(NO) Hexon is a synonym in Chemline for benzohexamethonium; adenovirus hexon; main capsid protein of adenovirus

hexonate dehydrogenase see glucuronate reductase

hexonium see hexamethonium

hexon protein see hexon

hexosaminidase A
(RN) EC 3.2.1.-
(HM) *HEXOSAMINIDASES
(II) ACETYLGLUCOSAMINIDASE
(II) GALACTOSAMINIDASE
(NO) can have either acetylglucosaminidase or acetylgalactosaminidase activity or both

hexosaminidase activating factor see ganglioside hydrolysis activator proteins

hexosaminidase A activating protein see ganglioside hydrolysis activator proteins

hexosaminidase A activator see ganglioside hydrolysis activator proteins

hexosaminidase B
(RN) EC 3.2.1.-
(HM) *HEXOSAMINIDASES
(II) ACETYLGLUCOSAMINIDASE
(II) GALACTOSAMINIDASE
(NO) can have either acetylglucosaminidase or acetylgalactosaminidase activity or both

hexosaminidase C see hexosaminidase C-S

hexosaminidase C-S
(RN) EC 3.2.1.-
(SY) hexosaminidase C
(SY) hexosaminidase S
(HM) *HEXOSAMINIDASES
(HM) *ISOENZYMES
(NO) hexosaminidases C & S are isoenzymes which cannot be seperated by cellogel electrophoresis

hexosaminidase S see hexosaminidase C-S

hexose-6-phosphate dehydrogenase see galactose-6-phosphate dehydrogenase

hexose-6-phosphate phosphohydrolase see sugar-phosphatase

hexose phosphate synthetase
(RN) EC 4.1.2.-
(SY) 3-hexulose phosphate synthase
(SY) D-arabino-3-hexulose 6-phosphate formaldehyde-lyase
(SY) 3-hexulosephosphate synthase
(SY) D-arabino-3-hexulose-6-phosphate-lyase
(HM) *ALDEHYDE-LYASES
(NO) ribulosephosphate formaldehyde gives D-erythro-L-glycero-3-hexulose

hexose transport factor see hexose uptake enhancing factor

hexose uptake enhancing factor
(SY) hexose transport factor
(HM) *CARRIER PROTEINS
(II) HEXOSES
(NO) released by morphologically transformed fibroblasts into culture media; enhances 2-deoxyglucose uptake in normal chick embryo fibroblasts; MW 20,000

hexthionine sulfoximine see hexathionine sulfoximine

3-hexulosephosphate synthase see hexose phosphate synthetase

3-hexulose phosphate synthase see hexose phosphate synthetase

2-Hexulosonic acid, 3,4-dideoxy-4-sulfo- see 3-deoxy-4-sulfohexosulose

hexyl-adenosine 5'-monophosphate-sepharose see adenosine monophosphate-sepharose

hexyladenosine 5'-monophosphate-sepharose see adenosine monophosphate-sepharose

hexyl-agarose see aminohexyl-sepharose

1-hexyl alcohol see 1-hexanol

hexylamine
(RN) 111-26-2
(RR) 142-81-4 (HCl)
(RR) 7334-95-4 (HBr)
(HM) *AMINES
(NO) RN given refers to parent cpd; structure

hexylcaine
(RN) 532-77-4
(RR) 532-76-3 (HCl)
(HM) *CYCLOHEXYLAMINES
(PA) ANESTHETICS, LOCAL
(NO) RN given refers to parent cpd; structure

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1-hexylcarbamoyl-5-fluorouracil
(RN) 61422-45-5
(SY) HCFU
(SY) carmofur
(HM) FLUOROURACIL/*analogs
(PA) ANTINEOPLASTIC AGENTS
(NO) structure in 5th source

hexyl cyanoacrylate polymer see poly(hexyl-2-cyanoacrylate)

6-N,N-1',6'-hexylene formamidinopenicillanic acid see amidine penicillin HX

hexylene glycol
(RN) 107-41-5
(RR) 41994-80-3 (unspecified Ti(4+) salt)
(SY) 2-methyl-2,4-pentanediol
(HM) *GLYCOLS
(NO) RN given refers to parent cpd

hexylphosphonic acid diethyl ester
(RN) 16165-66-5
(SY) diethyl hexylphosphonate
(HM) *PHOSPHORIC ACID ESTERS

hexyltheobromine see pentifylline

hexylure see lenacil

n-hexyl vanillate
(RN) 84375-71-3
(SY) 4-hydroxy-3-methoxybenzoic acid hexyl ester
(HM) *VANILLIC ACID/analogs

20-(1-hexynyl)-5-pregnen-3,20-diol
(RN) 86532-88-9
(SY) 20-HYP-diol
(HM) PREGNENOLONE/*analogs
(PA) CYTOCHROME P-450/antag
(NO) acetylenic steroid mechanism-based inhibitor of cytochrome P-450 cholesterol side chain cleavage; structure given in first source

Heymann's antigen
(HM) *ANTIGENS
(II) KIDNEY CORTEX
(NO) membranous glomerulonephritis inducing factor in nephritogenoside preparation

Heyman's nephritis antigen GP330 see nephritis antigen

HE-166 see 2,4-dinitro-6-tert-butylphenyl methanesulfonate

HE-36
(RN) 65988-73-0
(SY) 3-benzylamino-5,6-dihydro-8,9-dimethoxyimidazo-5,1a-isoquinoline
(SY) BIIA
(HM) *ISOQUINOLINES
(PA) ANTI-ARRHYTHMIA AGENTS
(NO) RN given refers to cpd in Chemline with N1 HE 36 & MF unknown; structure given in first source

HFAP
(SY) H-FAP
(HM) HEXAMETHYLMELAMINE
(HM) FLUOROURACIL
(HM) DOXORUBICIN
(HM) CISPLATIN
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy consisting of above cpds

H-FAP see HFAP

HFB-GLA see n-heptafluorobutyryl isobutyl ester of gamma- carboxyglutamic acid

3-HFC see 3-hydroxymethylfuran-N-ethylcarbamate

3HFGB see 3'-(4-guanidinobenzoyloxy)spiro(isobenzofuran-1-(3H), 9'-(9H)xanthen)-3-one

3-HFGB see 3'-(4-guanidinobenzoyloxy)spiro(isobenzofuran-1-(3H), 9'-(9H)xanthen)-3-one

81723 HFU see tiamulin

Hg(a) antigen see Hughes antigen

Hg(CN)2 see mercuric cyanide

Hg-CTP see 5-mercuricytidine 5'-triphosphate

Hg,Cu-metallothionein see Hg-Cu-metallothionein

Hg-Cu-metallothionein
(SY) Hg-Cu-MT
(SY) Hg,Cu-metallothionein
(HM) *METALLOTHIONEIN
(II) MERCURY
(II) COPPER

Hg-Cu-MT see Hg-Cu-metallothionein

5-Hg-dCTP see 5-mercurideoxycytidine triphosphate

5-Hg-deoxycytidine triphosphate see 5-mercurideoxycytidine triphosphate

HGG-12
(RN) 65321-24-6
(SY) HGG 12
(HM) *PYRIDINIUM COMPOUNDS
(PA) ANTIDOTES
(NO) used therapeutically in organophosphate poisoning; structure

HGG 12 see HGG-12

HGG-42
(RN) 65320-92-5
(SY) HGG 42
(HM) *PYRIDINIUM COMPOUNDS
(PA) ANTIDOTES
(NO) used therapeutically in organophosphate poisoning; structure

HGG 42 see HGG-42

hGh, alpha-acetyl (7-13)- see N-alpha-acetylsomatotropin (7-13)

hGH-RF(1-29) see somatotropin releasing hormone(1-29)amide

hGH (177-191) see somatotropin (177-191)

hGH 20K see somatotropin 20K

hGH (31-44) see somatotropin (31-44)

HGH (4-15) see somatotropin (4-15)

HGH (6-13) see somatotropin (6-13)

Hg(II)-PST complex see 1-salicylidene-5-(2-pyridylmethylidene) isothiocarbonohydrazide-mercury (II) complex

HgI2 see mercuric iodide, red

H-2D(b) glycoprotein see histocompatibility antigen H-2D(b)

hGRF(1-32)-NH2, His(1)-I-Tyr(10)-Nle(27)- see somatotropin releasing hormone(1-32)amide, His(1)-I-Tyr(10)-Nle(27)-

HGRF-44NH2 see somatotropin releasing hormone(1-44)amide

Hg-UTP see 5'-mercuriuridine triphosphate

HhaI endonuclease see endodeoxyribonuclease HhaI

HhaII restriction enzyme see endodeoxyribonuclease HinfI

HhaI methylase see DNA modification methylase HhaI

HH-folic acid see 1',2',3',4',5',6'-hexahydrohomofolic acid

17-HHK-prednisolone phosphate see 17a-hydroxy-17a-hydroxymethyl-17-keto-homo-D-prednisolone phosphate

HHMMPP see 1-hydroxy-6-(1-hydroxy-1-methylpropyl)-3-(2-methylpropyl)-2(1H)-pyrazinone

HHQNPH see 2-hydroxyhydroquinonephthalein

12-HHTE see 12-hydroxy-5,8,10,14-heptadectetraenoic acid

H10-HTX see decahydrohistrionicotoxin

H(12)-HTX see perhydrohistrionicotoxin

12-HHT see 12-hydroxy-5,8,10-heptadecatrienoic acid

HHXQN-NO see 2-(n-heptyl)-4-hydroxyquinoline N-oxide

HH 10018 see valofane

HH 197 see butamirate

hibernation trigger factor
(HM) *PROTEINS
(II) HIBERNATION
(NO) found in plasma albumin fraction; exerts profound effect on blood constituents; induces an opiate-like modification in behaviour

hibiscin
(RN) 82799-30-2
(HM) *ANTHOCYANINS
(II) DYES
(II) STAINS AND STAINING
(NO) crystalline anthocyanin coloring material from flowers of Hibiscus sabdariffa; used as dye and stain

Hibiscrub see chlorhexidine gluconate

hibisol see chlorhexidine gluconate

HIB-vaccine see Hemophilus influenzae type b polysaccharide vaccine

hide powder azure
(RN) 37340-54-8
(HM) *CHROMOGENIC COMPOUNDS
(NO) chromogenic substrate used for the assay of proteolytic activity; no other information available 12/84

higenamine
(RN) 5843-65-2
(RR) 17036-22-5 (HCl(S)-isomer)
(RR) 63604-85-3 (HBr(+-)-isomer)
(RR) 63307-67-5 (oxalte[1:1](+-)-isomer)
(RR) 63307-65-3 (R-(R*,R*)-tartrate[1:1](+-)-isomer)
(SY) O-demethylcoclaurine
(SY) 1-(p-hydroxybenzyl)-6,7-dihydroxy-1,2,3,4-tetrahydroisoquinoline
(HM) *ALKALOIDS
(PA) ADRENERGIC BETA RECEPTOR AGONISTS
(PA) CARDIOTONIC AGENTS
(NO) structure; RN given refers to (+-)-isomer; RN for cpd without isomeric designation not in Chemline 7/84

high-cysteine A chorion protein see chorion proteins

high-cysteine B chorion protein see chorion proteins

high density lipoprotein phosphatidylcholine
(SY) HDL phosphatidylcholine
(SY) HDL-lecithin
(SY) lecithin HDL
(SY) phosphatidylcholine HDL
(SY) lipoprotein, HDL lecithin
(HM) *LIPOPROTEINS, HDL
(HM) *PHOSPHATIDYLCHOLINES

high density lipoprotein receptors see HDL receptor

high density lipoprotein sphingomyelin
(SY) HDL sphingomyelin
(SY) HDL-sphingomyelin
(SY) sphingomyelin HDL
(SY) lipoprotein, HDL sphingomyelin
(HM) *LIPOPROTEINS, HDL
(HM) *SPHINGOMYELINS

high density lipoprotein-1
(SY) HDL-1
(SY) HDL(1)
(HM) *LIPOPROTEINS, HDL

high density lipoprotein-2
(SY) HDL-2
(SY) HDL(2)
(HM) *LIPOPROTEINS, HDL

high density lipoprotein-3
(SY) HDL-3
(SY) HDL 3
(HM) *LIPOPROTEINS, HDL

high endothelial binding factor see cell adhesion molecules

high molecular weight prekininogen see prekininogens

high potential iron protein see high potential iron-sulfur protein

high potential iron-sulfur protein
(SY) high potential iron protein
(SY) Hipip
(HM) *IRON-SULFUR PROTEINS
(II) BACTERIAL PROTEINS

higonavis
(HM) *INDICATORS AND REAGENTS
(II) GONADOTROPINS/immunol
(NO) agent used in gonadotropin-sensitized (sheep) erythrocytes in hemagglutination tests

hikizimycin
(RN) 12706-94-4
(SY) anthelmycin
(HM) CYTOSINE/analogs
(HM) AMINOGLYCOSIDES
(PA) ANTIBIOTICS
(NO) structure

HILP (1-31) see human inhibin-like peptide (1-31)

himA gene product see gene proteins, viral

HINANO see 2-hydroxyisonicotinic acid N-oxide

HindIII endonuclease see endodeoxyribonuclease HindIII

HinfI restriction endonuclease see endodeoxyribonuclease HinfIII

HinfI endonuclease see endodeoxyribonuclease HinfI

HinfIII restriction endonuclease see endodeoxyribonuclease HinfIII

HinfIII restriction modification enzyme see endodeoxyribonuclease HinfIII

hinge protein
(SY) mitochondrial hinge protein
(HM) *PROTEINS
(II) MITOCHONDRIA
(II) CYTOCHROME C
(NO) mitochondrial protein essential for formation of cytochrome C1-C complex

hinokitiol see beta-thujaplicin

hinosan see edifenphos

Hin protein see gene proteins, bacterial

hipane see Hypan

4-HIPA see 4-hydroxyisophthalic acid

HIPDM see N,N,N'-trimethyl-N'-(2-hydroxy-3-methyl-5-iodobenzyl)-1,3-propanediamine

(I-123)-HIPDM see N,N,N'-trimethyl-N'-(2-hydroxy-3-methyl-5-iodobenzyl)-1,3-propanediamine

Hipip see high potential iron-sulfur protein

hippadine
(RN) 52886-06-3
(HM) *ALKALOIDS
(NO) isolated from Crinum bulbs

hippiron see ferric oxide, saccharated

hippurate see hippuric acid

hippuric acid
(RN) 495-69-2
(RR) 14463-55-9 ((14)C-labeled cpd)
(RR) 583-10-8 (mono-K salt)
(RR) 532-94-5 (mono-Na salt)
(RR) 532-93-4 (mono-NH4 salt)
(SY) hippurate
(HM) *HIPPURATES
(NO) RN given refers to parent cpd; structure in Merck Index, 9th ed, #4591

hippurin
(RN) 66536-82-1
(SY) 24-methyl-22,25-epoxy-5 alpha-furostan-2,3,11, 20-tetrol 2-monoacetate
(HM) *STEROLS
(NO) from gorgonian Isis hippuris; structure given in first source

hippuryl-L-arginine
(RN) 744-46-7
(HM) ARGININE/*analogs

hippuryl-His-Leu see hippuryl-histidyl-leucine

hippuryl-histidyl-leucine
(RN) 31373-65-6
(SY) hippuryl-L-histidyl-L-leucine
(SY) hippuryl-His-Leu
(SY) N-(N-(N-benzoylglycyl)-L-histidinyl)-L-leucine
(HM) *OLIGOPEPTIDES
(NO) synthetic substrate for angiotensin converting enzyme; used in affinity chromatography

hippuryl-L-histidyl-L-leucine see hippuryl-histidyl-leucine

hippuryl-L-lysine
(RN) 740-63-6
(HM) LYSINE/*analogs

hiprex see methenamine hippurate

2,3,4,4a,5,9b-HIP see 2,3,4,4a,5,9b-hexahydro-1H-indeno(1,2-b)pyridine

Hi-I resin
(HM) *ACRYLIC RESINS
(II) DENTURE BASES

hirsutine
(RN) 7729-23-9
(RR) 50439-68-4 (16E)-isomer
(RR) 23407-35-4 (16E,20beta)-isomer
(RR) 7729-23-9 (3beta,16E)-isomer
(RR) 7729-22-8 (3beta,16E,20beta)-isomer
(HM) *ALKALOIDS
(NO) isolated from Uncaria rhynchophylla; RN given refers to (3beta,16E)-isomer

hirudonine
(RN) 2465-97-6
(RR) 69358-09-4 (tri-HCl)
(SY) diguanylspermidine
(HM) SPERMIDINE/*analogs
(NO) RN given refers to parent cpd; structure

His-Ala see histidinoalanine

2-His-Cys see S(beta)-2-histidylcysteine

His-Leu see histidylleucine

His(1)-Lys(6)-GHRP see histidyl-tryptophyl-alanyl-tryptophyl-phenylalanyl-lysinamide

His-Phe see histidylphenylalanine

hisphen
(RN) 2764-56-9
(RR) 53498-77-4 (mono-HCl)
(RR) 2792-04-3 (di-HCl)
(HM) *NITROGEN MUSTARD COMPOUNDS
(PA) ALKYLATING AGENTS
(NO) RN given refers to parent cpd; NM refers to di-HCl

His-Pro see histidylproline

His-R see N(tau)-ribosylhistidine

His-sepharose see histidyl-sepharose

histaglobin
(RN) 37317-09-2
(HM) *HISTAMINE
(HM) *GAMMA GLOBULINS
(HM) DRUG COMBINATIONS
(II) ASTHMA/drug ther
(NO) drug combination of histamine & gamma globulin; see also histaglobulin

histaglobulin
(HM) *GLOBULINS
(PA) IMMUNOSTIMULANTS
(II) IMMUNOSTIMULANTS
(NO) used in complex treatment of viral hepatitis; see also histaglobin; no other info available 1/8/81

histamine acid phosphate see histamine phosphate

histamine diphosphate see histamine phosphate

histamine phosphate
(RN) 51-74-1
(SY) histamine acid phosphate
(SY) histamine diphosphate
(HM) HISTAMINE/*analogs

histamine-producing cell-stimulating factor see interleukin 3

histamine H3 receptor
(SY) histamine H3 receptors
(SY) receptor, histamine H3
(HM) *RECEPTORS, HISTAMINE
(NO) auto-inhibition of histamine release mediated by H3 class of histamine receptor

histamine H3 receptors see histamine H3 receptor

histamine releasing factor (lymphocyte-dependent)
(SY) HRF-LD
(HM) *LYMPHOKINES
(II) HISTAMINE LIBERATION/drug eff
(NO) from stimulated human mononuclear cells; MW 35,000; gives single band upon 2-dimensional gel electrophoresis & radioautography

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histargin
(SY) N-(1-carboxy-4-guanidinobutyl)-N'-(1-carboxy-2-(imidazol-4-yl)ethyl)ethylenediamine
(HM) *IMIDAZOLES
(HM) *GUANIDINES
(PA) CARBOXYPEPTIDASES/antag
(NO) from Streptomyces roseoviridis; structure given in first source

histazylamine see thonzylamine

histidinal
(RN) 23784-15-8
(HM) *HISTIDINOL/analogs
(NO) RN given refers to (S)-isomer; RN for cpd without isomeric designation not in Chemline 9/85

histidine aminotransferase
(RN) EC 2.6.1.38
(SY) histidine pyruvate aminotransferase
(HM) *AMINOTRANSFERASES

histidine binding protein see histidine-binding protein

histidine-binding protein
(SY) histidine-transport protein
(SY) J protein
(SY) histidine-binding protein J
(SY) histidine binding protein
(HM) *CARRIER PROTEINS
(II) HISTIDINE
(NO) part of histidine transport system of Salmonella typhimurium

histidine-binding protein J see histidine-binding protein

26-L-histidine erabutoxin a see erabutoxin b

histidine permease
(HM) *PERMEASES
(II) BIOLOGICAL TRANSPORT, ACTIVE

histidine pyruvate aminotransferase see histidine aminotransferase

histidine-rich glycoprotein see histidine-rich proteins

histidine-rich protein II see Stratum corneum basic protein

histidine-rich proteins
(SY) histidine-rich glycoprotein
(HM) *PROTEINS
(II) GLYCOPROTEINS

histidine-transport protein see histidine-binding protein

histidine-tRNA see tRNA, histidine-

histidinoalanine
(RN) 16874-75-2
(RR) 57866-05-4 ((beta)-isomer)
(SY) histidinylalanine
(SY) N-(2-amino-2-carboxyethyl)histidine
(SY) His-Ala
(SY) histidylalanine
(HM) *DIPEPTIDES
(NO) cross-linking amino acid in calcified tissue collagen; RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 7/84

histidinohydroxymerodesmosine
(RN) 51773-61-6
(HM) *DESMOSINE/analogs
(HM) HISTIDINE/*analogs
(NO) structure

histidinol dehydrogenase
(RN) EC 1.1.1.23
(RR) 9028-27-7 (CRN)
(HM) *ALCOHOL OXIDOREDUCTASES

histidinomycin
(HM) PEPTIDES
(PA) ANTIBIOTICS, ANTIFUNGAL
(NO) from a Streptomyces H 878-MY 1

histidinylalanine see histidinoalanine

histidylalanine see histidinoalanine

1-histidyl-10-iodotyrosyl-27-norleucine-hpGRF see somatotropin releasing hormone(1-32)amide, His(1)-I-Tyr(10)-Nle(27)-

histidylleucine
(RN) 7763-65-7
(SY) His-Leu
(HM) *DIPEPTIDES

histidylphenylalanine
(RN) 16874-81-0
(SY) phenylalanylhistidine
(SY) His-Phe
(SY) Phe-His
(HM) *DIPEPTIDES

histidylproline
(RN) 20930-58-9
(SY) His-Pro
(HM) *DIPEPTIDES

histidyl-proline diketopiperazine
(RN) 4257-92-5
(RR) 53109-32-3 ((3S-trans)-isomer)
(RR) 86195-58-6 ((3S-cis)-isomer)
(RR) 75685-88-0 ((3R-cis)-isomer)
(SY) cyclo(His-Pro)
(HM) *PEPTIDES, CYCLIC
(HM) *PIPERAZINES
(NO) biologically active cpd to which thyrotropin-releasing hormone (TRH) is metabolized; structure; RN given refers to cpd without isomeric designation

histidyl-proline diketopiperazine receptor
(SY) receptor, histidyl-proline diketopiperazine
(SY) histidyl-proline diketopiperazine receptors
(SY) cyclo(His-Pro) receptor
(SY) receptor, cyclo(His-Pro)
(SY) cyclo(His-Pro) receptors
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES

histidyl-proline diketopiperazine receptors see histidyl-proline diketopiperazine receptor

histidyl-sepharose
(SY) His-sepharose
(HM) SEPHAROSE/*analogs
(II) HISTIDINE

histidyl-tRNA see tRNA, histidine-

histidyl-tryptophyl-alanyl-tryptophyl-phenylalanyl-lysinamide
(RN) 87616-84-0
(SY) His-Trp-Ala-Trp-Phe-LysNH2
(SY) His(1)-Lys(6)-GHRP
(SY) GHRP, His(1)-Lys(6)-
(SY) GHRP
(HM) *OLIGOPEPTIDES
(PA) SOMATOTROPIN RELEASING HORMONE
(II) HORMONES, SYNTHETIC
(NO) synthetic hexapeptide that acts on pituitary to specifically release growth hormone

histoacryl N-blau
(HM) ENBUCRILATE/*analogs
(II) TISSUE ADHESIVES
(NO) histoacryl is poly(enbucrylate)

histocompatibility antigen DLA
(SY) DLA (A) antigen
(SY) DLA (B) antigen
(SY) DLA (C) antigen
(HM) *HISTOCOMPATIBILITY ANTIGENS
(NO) major histocompatibility antigen of the dog

histocompatibility antigen H-2D(b)
(SY) H-2D(b) glycoprotein
(SY) H-2D(k) antigen
(SY) H-2D(d) antigen
(SY) H-2D(p) antigen
(SY) H-2D(q)
(SY) H-2L(d) antigen
(HM) *H-2 ANTIGENS
(II) MAJOR HISTOCOMPATIBILITY COMPLEX
(II) ISOANTIGENS
(NO) alloantigen of murine major histocompatibility complex

histocompatibility antigen RT1
(SY) RT1
(SY) RT1(A)
(SY) RT1(B)
(SY) RT1(C)
(SY) RT1(D)
(SY) RT1(E)
(SY) RT1 antigen
(HM) *HISTOCOMPATIBILITY ANTIGENS
(NO) major histocompatibility complex of the rat

histolyn CYL
(HM) *HISTOPLASMIN
(NO) yeast phase reagent employed as antigen in enzyme immunoassay to detect antibody to Histoplasma capsulatum in sera

histone acetylase see histone acetyltransferase

histone acetylase A see histone acetyltransferase

histone acetyltransferase
(RN) EC 2.3.1.48
(RR) 9054-51-7 (CRN)
(SY) histone acetylase
(SY) histone acetylase A
(HM) *ACETYLTRANSFERASES

histone-binding proteins
(SY) histone binding proteins
(HM) *CARRIER PROTEINS
(II) HISTONES

histone binding proteins see histone-binding proteins

histone-like protein, E coli
(SY) H protein E coli
(HM) *BACTERIAL PROTEINS

histone-like protein, Thermoplasma acidophilum
(SY) HLPTA
(HM) *BACTERIAL PROTEINS
(II) THERMOPLASMA

histone methylase see histone methyltransferase

histone methyltransferase
(RN) EC 2.1.1.-
(SY) histone methylase
(HM) *METHYLTRANSFERASES

histone H1 phosphate
(HM) *HISTONES

histone H2B protease see histone proteases

histone proteases
(RN) EC 3.4.99.-
(SY) histone H2B protease
(SY) histone H2A-specific protease
(HM) *PEPTIDE PEPTIDOHYDROLASES

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histone H2A-specific protease see histone proteases

histopine
(RN) 25303-09-7
(HM) HISTIDINE/*analogs

histrelin see LHRH, N-Et-ProNH(2)(9)-His(imBzl)(6)-des-GlyNH(2)(10)-

histrionicotoxin
(RN) 34272-51-0
(SY) histrionicotoxins
(HM) *AMPHIBIAN VENOMS
(NO) toxin isolated from Colombian frog, Dendrobates histrionicus; structure

histrionicotoxins see histrionicotoxin

His-tRNA see tRNA, histidine-

His-Trp-Ala-Trp-Phe-LysNH2 see histidyl-tryptophyl-alanyl-tryptophyl-phenylalanyl-lysinamide

HITN-GRF see somatotropin releasing hormone(1-32)amide, His(1)-I- Tyr(10)-Nle(27)-

HI 42
(RN) 67793-71-9
(SY) HI-42
(SY) 3-(4-(2-hydroxy-3-((1,1-dimethylethyl)amino) propoxy)phenyl)-7-methoxy-2-methyl-1(2H)-isoquinolinone
(HM) ISOQUINOLINES
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS
(NO) structure given in first source

HI-42 see HI 42

HI-6
(RN) 34433-31-3
(SY) ((2-hydroxyiminomethylpyridiniummethyl)-(4'-carbamoylpyridiniummethyl))ether dichloride
(SY) som-sim
(SY) 1-(((4-(aminocarbonyl)pyridino)methoxy)methyl)-2-((hydroxyimino)methyl)pyridinium dichloride
(HM) *PYRIDINIUM COMPOUNDS
(PA) ANTIDOTES
(PA) CHOLINESTERASE REACTIVATORS

H-2Kb see H-2K(b) murine histocompatibility antigen

HKDBC see heptakis(2,6-O-dimethyl)beta-cyclodextrin

HLA A see HLA-A

HLA-A
(SY) HLA-A antigen
(SY) HLA A
(SY) LN antigen
(HM) *HLA ANTIGENS

HLA-A antigen see HLA-A

HLA-A1 antigen see HLA-A1

HLA A19 antigen see HLA-A19

HLA-A2 antigen see HLA-A2

HLA-A29 antigen see HLA-A29

HLA-A9 antigen see HLA-A9

HLA B14 antigen see HLA-B14

HLA-B15 antigen see HLA-B15

HLA-B17 antigen see HLA-B17

HLA B18 antigen see HLA-B18

HLA B27 antigen see HLA-B27

HLA-B40 antigen see HLA-B40

HLA B44 antigen see HLA-B44

HLA-B5 antigen see HLA-B5

HLA-Aw19
(SY) HLA Aw19
(HM) *HLA ANTIGENS

HLA Aw19 see HLA-Aw19

HLA-Aw24
(SY) HLA Aw24
(HM) *HLA ANTIGENS

HLA Aw24 see HLA-Aw24

HLA-Aw32
(SY) HLA Aw32
(HM) *HLA ANTIGENS
(NO) association with progressive autonomic failure

HLA Aw32 see HLA-Aw32

HLA A1 see HLA-A1

HLA-A1
(SY) HLA-A1 antigen
(SY) HLA A1
(HM) *HLA ANTIGENS

HLA-A10
(SY) HLA A10
(HM) *HLA ANTIGENS

HLA A10 see HLA-A10

HLA-A11
(SY) HLA A11
(HM) *HLA ANTIGENS

HLA A11 see HLA-A11

HLA-A19
(SY) HLA A19
(SY) HLA A19 antigen
(HM) *HLA ANTIGENS

HLA A19 see HLA-A19

HLA A2 see HLA-A2

HLA-A2
(SY) HLA-A2 antigen
(SY) HLA A2
(SY) HLA-A2.2
(HM) *HLA ANTIGENS

HLA-A2.2 see HLA-A2

HLA-A25
(SY) HLA A25
(HM) *HLA ANTIGENS

HLA A25 see HLA-A25

HLA-A26
(SY) HLA A26
(HM) *HLA ANTIGENS

HLA A26 see HLA-A26

HLA-A28
(SY) HLA A28
(HM) *HLA ANTIGENS

HLA A28 see HLA-A28

HLA A29 see HLA-A29

HLA-A29
(SY) antigen HLA-A29
(SY) HLA-A29 antigen
(SY) HLA A29
(HM) *HLA ANTIGENS
(NO) associated with birdshot retinochoroidopathy, an unique chorioretinitis

HLA-A3
(SY) HLA A3
(HM) *HLA ANTIGENS

HLA A3 see HLA-A3

HLA-A9
(SY) HLA A9
(SY) HLA-A9 antigen
(HM) *HLA ANTIGENS
(NO) increased frequency in patients suffering from paracoccidioidomycosis

HLA A9 see HLA-A9

HLA-B
(SY) HLA B
(HM) *HLA ANTIGENS

HLA B see HLA-B

HLA-BfF1
(SY) HLA BfF1
(HM) *HLA ANTIGENS
(NO) associated with insulin-dependent diabetes mellitus

HLA BfF1 see HLA-BfF1

HLA-BR see HLA-DR

HLA-BW52 antigen see HLA-BW52

HLA BW62 antigen see HLA-BW62

HLA-Bw35 CREG see HLA-Bw35

HLA-Bw16
(SY) HLA Bw16
(HM) *HLA ANTIGENS
(NO) associated with affective disorders

HLA Bw16 see HLA-Bw16

HLA-BW21
(SY) HLA BW21
(HM) *HLA ANTIGENS

HLA BW21 see HLA-BW21

HLA-Bw35
(SY) HLA Bw35
(SY) HLA-Bw35 CREG
(HM) *HLA ANTIGENS
(NO) associated with self-limited remitting type of adult Still's disease

HLA Bw35 see HLA-Bw35

HLA-Bw4
(SY) HLA Bw4
(HM) *HLA ANTIGENS

HLA Bw4 see HLA-Bw4

HLA-Bw42
(SY) HLA Bw42
(HM) *HLA ANTIGENS

HLA Bw42 see HLA-Bw42

HLA-Bw44
(SY) HLA Bw44
(HM) *HLA ANTIGENS

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HLA Bw44 see HLA-Bw44

HLA-Bw46
(SY) HLA Bw46
(HM) *HLA ANTIGENS
(NO) associated with juvenile onset myasthenia gravis in Hong Kong Chinese

HLA Bw46 see HLA-Bw46

HLA-Bw51
(SY) HLA Bw51
(HM) *HLA ANTIGENS
(NO) associated with Behcet's disease

HLA Bw51 see HLA-Bw51

HLA-BW52
(SY) HLA-BW52 antigen
(HM) *HLA ANTIGENS
(NO) found in patients with narcolepsy

HLA-Bw57
(SY) HLA Bw57
(HM) *HLA ANTIGENS

HLA Bw57 see HLA-Bw57

HLA-Bw58
(SY) HLA Bw58
(HM) *HLA ANTIGENS

HLA Bw58 see HLA-Bw58

HLA-BW59
(SY) HLA BW59
(HM) *HLA ANTIGENS

HLA BW59 see HLA-BW59

HLA-BW6
(SY) HLA Bw6
(HM) *HLA ANTIGENS

HLA Bw6 see HLA-BW6

HLA-BW62
(SY) HLA BW62 antigen
(HM) *HLA ANTIGENS

HLA-B12
(SY) HLA B12
(HM) *HLA ANTIGENS
(NO) significant association between above antigen & multiple sclerosis patients in India

HLA B12 see HLA-B12

HLA-B13
(SY) HLA B13
(HM) *HLA ANTIGENS
(NO) increased presence noted in psoriasis patients

HLA B13 see HLA-B13

HLA-B14
(SY) HLA B14
(SY) HLA B14 antigen
(HM) *HLA ANTIGENS

HLA B14 see HLA-B14

HLA B15 see HLA-B15

HLA-B15
(SY) HLA-B15 antigen
(SY) HLA B15
(HM) *HLA ANTIGENS
(NO) higher in patients with a positive family history of hypertension

HLA B17 see HLA-B17

HLA-B17
(SY) HLA-B17 antigen
(SY) HLA B17
(HM) *HLA ANTIGENS

HLA B18 see HLA-B18

HLA-B18
(SY) HLA B18 antigen
(SY) HLA B18
(HM) *HLA ANTIGENS
(NO) present in type-1 diabetic patients

HLA B27 see HLA-B27

HLA-B27
(SY) HLA B27 antigen
(SY) HLA B27
(HM) *HLA ANTIGENS
(NO) present in patients with acute anterior uveitis, ankylosing spondylitis, yersinia infections & Reiter's Disease

HLA B40 see HLA-B40

HLA-B40
(SY) HLA-B40 antigen
(SY) HLA B40
(HM) *HLA ANTIGENS
(NO) found in all patients suffering from lichen sclerosus et atrophicus

HLA-B44
(SY) HLA B44 antigen
(HM) *HLA ANTIGENS

HLA B5 see HLA-B5

HLA-B5
(SY) HLA-B5 antigen
(SY) HLA B5
(HM) *HLA ANTIGENS

HLA-B7
(SY) HLA B7
(SY) HLA-B7-CREG
(HM) *HLA ANTIGENS

HLA B7 see HLA-B7

HLA-B8
(SY) HLA B8
(HM) *HLA ANTIGENS
(NO) found in 80% of patients with celiac disease

HLA B8 see HLA-B8

HLA-C
(SY) HLA C
(HM) *HLA ANTIGENS

HLA C see HLA-C

HLA-B7-CREG see HLA-B7

HLA-CW7 antigen see HLA-CW7

HLA-CW3
(SY) HLA CW3
(HM) *HLA ANTIGENS

HLA CW3 see HLA-CW3

HLA-Cw4
(SY) HLA Cw4
(HM) *HLA ANTIGENS
(NO) increased frequency in type 2 diabetes

HLA Cw4 see HLA-Cw4

HLA-Cw5
(HM) *HLA ANTIGENS

HLA-CW6
(SY) HLA CW6
(HM) *HLA ANTIGENS
(NO) occurs in about 50% of psoriasis patients

HLA CW6 see HLA-CW6

HLA-CW7
(SY) HLA-CW7 antigen
(HM) *HLA ANTIGENS

HLA-Cw8
(HM) *HLA ANTIGENS

HLA-DB3
(SY) HLA DB3
(HM) *ANTIGENS, IMMUNE RESPONSE
(NO) associated with HLA-DR4 in caucasoids

HLA DB3 see HLA-DB3

HLA-DC
(SY) HLA DC
(SY) HLA-DC1
(SY) HLA-DQ
(HM) *ANTIGENS, IMMUNE RESPONSE

HLA DC see HLA-DC

HLA-DC1 see HLA-DC

HLA-DOalpha
(SY) HLA-DO alpha
(HM) *ANTIGENS, IMMUNE RESPONSE
(NO) HLA class II antigen heavy chain; isolated & characterized

HLA-DO alpha see HLA-DOalpha

HLA-DP see HLA-SB

HLA-DQ see HLA-DC

HLA-DQw3 antigen see HLA-DQw3

HLA-DQw3
(SY) HLA-DQw3 antigen
(HM) *ANTIGENS, IMMUNE RESPONSE
(NO) related to Jakob-Creutzfeldt disease

HLA DR see HLA-DR

HLA-DR
(SY) HLA-DRW antigens
(SY) DR antigen
(SY) MB antigens
(SY) MT antigens
(SY) HLA DR
(SY) HLA-BR
(HM) *ANTIGENS, IMMUNE RESPONSE

HLA-DR1 antigen see HLA-DR1

HLA-DR5 antigen see HLA-DR5

HLA DR6 antigen see HLA-DR6

HLA-DR7 antigen see HLA-DR7

HLA-DR associated protein see XM1 protein

HLA-DR1;DW1 see HLA-DR1

HLA-DRW antigens see HLA-DR

HLA-DRw10 antigen see HLA-DRw10

HLA-DRW3 antigen see HLA-DR3

HLA DRW8 antigen see HLA-DR8

HLA-DRW9 antigen see HLA-DR9

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HLA DRw10 see HLA-DRw10

HLA-DRw10
(SY) HLA-DRw10 antigen
(SY) HLA DRw10
(HM) *ANTIGENS, IMMUNE RESPONSE

HLA-DRw2 see HLA-Dw2

HLA DRW3 see HLA-DR3

HLA-DRw53 see HLA-MT antigen

HLA DRw53 see HLA-MT antigen

HLA-DRW6 see HLA-DR6

HLA DRW6 see HLA-DR6

HLA DRW8 see HLA-DR8

HLA-DRW8 see HLA-DR8

HLA DRW9 see HLA-DR9

HLA-DRW9 see HLA-DR9

HLA DR1 see HLA-DR1

HLA-DR1
(SY) HLA-DW1
(SY) HLA-DR1 antigen
(SY) HLA DR1
(SY) HLA DW1
(SY) HLA-DR1;DW1
(HM) *ANTIGENS, IMMUNE RESPONSE

HLA-DR2 see HLA-Dw2

HLA DR3 see HLA-DR3

HLA-DR3
(SY) HLA-DRW3 antigen
(SY) HLA DRW3
(SY) HLA DR3
(SY) HLA-DW3
(HM) *ANTIGENS, IMMUNE RESPONSE
(NO) antigen primarily associated in dermatitis herpetiformis

HLA-DR4
(SY) HLA DR4
(SY) HLA-DW4
(HM) *ANTIGENS, IMMUNE RESPONSE
(NO) antigen associated with type I diabetes

HLA DR4 see HLA-DR4

HLA DR5 see HLA-DR5

HLA-DR5
(SY) HLA-DW5
(SY) HLA DR5
(SY) HLA DW5
(SY) HLA-DR5 antigen
(HM) *ANTIGENS, IMMUNE RESPONSE
(NO) increased frequency in scleroderma

HLA-DR6
(SY) HLA DRW6
(SY) HLA-DRW6
(SY) HLA DR6 antigen
(HM) *ANTIGENS, IMMUNE RESPONSE

HLA-DR7
(SY) HLA DR7
(SY) HLA-DR7 antigen
(SY) antigen, HLA-DR7
(SY) HLA-Dw7
(HM) *ANTIGENS, IMMUNE RESPONSE
(NO) association with psoriasis

HLA DR7 see HLA-DR7

HLA-DR8
(SY) HLA-DRW8
(SY) HLA DRW8
(SY) HLA DRW8 antigen
(HM) *ANTIGENS, IMMUNE RESPONSE

HLA-DR9
(SY) HLA-DRW9 antigen
(SY) HLA-DRW9
(SY) HLA DRW9
(HM) *ANTIGENS, IMMUNE RESPONSE

HLA-DS
(SY) HLA DS
(HM) *ANTIGENS, IMMUNE RESPONSE

HLA DS see HLA-DS

HLA-Dw10 antigen see HLA-Dw10

HLA-Dw"SHY" see HLA-Dw10

HLA DW1 see HLA-DR1

HLA-DW1 see HLA-DR1

HLA-Dw10
(SY) HLA Dw10
(SY) HLA-Dw10 antigen
(SY) HLA-Dw"SHY"
(HM) *ANTIGENS, IMMUNE RESPONSE
(NO) associated with pemphigus vulgaris

HLA Dw10 see HLA-Dw10

HLA-Dw12
(SY) HLA Dw12
(HM) *ANTIGENS, IMMUNE RESPONSE

HLA Dw12 see HLA-Dw12

HLA-Dw2
(SY) HLA Dw2
(SY) HLA-DR2
(SY) HLA-DRw2
(HM) *ANTIGENS, IMMUNE RESPONSE

HLA Dw2 see HLA-Dw2

HLA-DW3 see HLA-DR3

HLA-DW4 see HLA-DR4

HLA DW5 see HLA-DR5

HLA-DW5 see HLA-DR5

HLA-Dw7 see HLA-DR7

HLA-Dx
(SY) HLA Dx
(SY) HLA Dx-alpha
(SY) HLA-Dx antigen
(HM) *ANTIGENS, IMMUNE RESPONSE

HLA Dx see HLA-Dx

HLA Dx-alpha see HLA-Dx

HLA-Dx antigen see HLA-Dx

HLA-FA
(SY) HLA FA
(HM) *ANTIGENS, IMMUNE RESPONSE
(NO) human class II antigen

HLA FA see HLA-FA

H-LAI protein see humoral leukocyte adherence inhibition factor

HLA-MB see HLA-MB antigen

HLA MB see HLA-MB antigen

HLA-MB antigen
(SY) HLA MB
(SY) HLA-MB
(HM) *ANTIGENS, IMMUNE RESPONSE

HLA-MT see HLA-MT antigen

HLA MT see HLA-MT antigen

HLA-MT antigen
(SY) HLA MT
(SY) HLA-MT
(SY) MT3 antigen
(SY) HLA-DRw53
(SY) HLA DRw53
(HM) *ANTIGENS, IMMUNE RESPONSE

HLA-SB
(SY) HLA SB
(SY) HLA-SB2
(SY) HLA-SB3
(SY) HLA-DP
(HM) *ANTIGENS, IMMUNE RESPONSE
(NO) controlled by loci within HLA-D region; homologues of murine I-E antigens; secondary B cell specificity

HLA SB see HLA-SB

HLA-SB2 see HLA-SB

HLA-SB3 see HLA-SB

HLA-Te
(SY) HLA Te antigen
(SY) HLA Te24
(HM) *ANTIGENS, IMMUNE RESPONSE

HLA Te antigen see HLA-Te

HLA Te24 see HLA-Te

HLB-1 antigen see differentiation antigens, B-lymphocyte

HLCT see Huang-lien-chieh-tu-tang

HLFA see lymphocyte function-associated antigen

HLNL see delta-hydroxylysylnorleucine

HLPTA see histone-like protein, Thermoplasma acidophilum

H-Lys-Asn-Pro-Tyr-Ile-Leu-OH see neurotensin-related hexapeptide

HL 523 see tiformin

HL 725 see trequinsin

HL-725 see trequinsin

2-HMAE see 2-((hydroxymethyl)amino)ethanol

3-HMAN see 3 alpha-hydroxy-1-methylene-5 alpha-androstan-17-one

20-HMAOP see 20-(hydroxymethyl)-4-methyl-4-aza-2-oxa-5-pregnan-3-one

3-HMAP see 3-hydroxymethylantipyrine

HMBA see hexamethylene bisacetamide

7-HMBA sulfate see 7-hydroxymethyl-12-methylbenz(a)anthracene sulfate ester

2-HMBA see 2-hydroxy-2-methyl-3-butenoic acid

4-HMBCS see 4-(hydroxymethyl)benzyl-3 beta-cholestanyl succinate

9-HMBC see 9-hydroxymethyl-beta-carboline

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11-HMBP see 11-hydroxymethylbenzo(a)pyrene

12-HMBP see 12-hydroxymethylbenzo(a)pyrene

2-HMB see 2-hydroxymercuribenzoate

HMCA see 3-hydroxy-7-methyl-5-cholanoic acid

4-HMCLC see 4-(hydroxymethyl)colchicine

HMDA see 3,4-methylenedioxyphenylisobutylamine

HMDMA see
N-methyl-3,4-methylenedioxyphenylisobutylamine

5-HMDPTME see
5-hydroxy-1-methyl-2-(di-n-propylamino)tetralin methyl ether

5-HMDPT see
5-hydroxy-1-methyl-2-(di-n-propylamino)tetralin

10-HMEEO see 17-hydroxy-10-mercaptoestr-4-en-3-one

H2ME see homoquinolinic acid, 2-methyl ester

9-HME see 2-methyl-9-hydroxyellipticinium

HMG-CoA see 3-hydroxy-3-methylglutaryl-coenzyme A

HMG CoAR see hydroxymethylglutaryl-CoA reductase (NADP)

HMG CoA reductase kinase see hydroxymethylglutaryl-CoA reductase kinase

HMG CoA reductase kinase kinase see hydroxymethylglutaryl-CoA reductase kinase

HMG CoA reductase phosphatase see hydroxymethylglutaryl-CoA reductase kinase

HMG-CoA reductase phosphatase
(RN) EC 3.1.3.-
(SY) 3-hydroxy-3-methylglutaryl coenzyme A reductase phosphatase
(HM) *PHOSPHOPROTEIN PHOSPHATASES
(NO) similar to phosphoprotein phosphatase, EC 3.1.3.16

H-2K(b) MHC alloantigen see H-2K(b) murine histocompatibility antigen

2-HMLA see 2-hydroxy-2-methyllevulinic acid

HMMPAM see 1-hexadecylmercapto-2-methoxymethyl-3-propylphosphoric acid monocholine ester

3-HMMPCA see 3-hydroxymethyl-N-methylpiperidyl (4-chlorophenoxy) acetate

2-HMNDP see
2-hydroxymethyl-N,N-dimethylpiperidinium

3-HMNDP see
3-hydroxymethyl-N,N-dimethylpiperidinium

HMNIES see 2-(5-hydroxy-2-methyl-4-nitro-1-imidazolyl) ethylsulfone

HMOPDA-methyl ester see
16-hydroxy-16-methyl-9-oxo-prosta-10,13-dien-1-oic acid methyl ester

3-M-4-HMPAA see
3-methoxy-4-hydroxymethylphenoxyacetic acid

4-HMPAA see 4-hydroxymethylphenoxyacetic acid

HMPA N-demethylase see hexamethylphosphoramide N-demethylase

HMPAO see 17-propylmesterolone

3-HMPDNQ see
3-hydroxy-2-methyl-3-phytyl-2,3-dihydronaphthoquinone

HMPDP see 3-(hydroxymethyl)phenytoin phosphate ester

N-HMPMM see pentamethylmonomethylolmelamine

HMP OPDACM see 3-(hydroxymethyl)phenytoin N,N-dimethylaminoethyl carbonate

HMPPI see SQ 26,298

HMPPIQ see
1,3,4,6,7,11b-hexahydro-2-methyl-7-phenyl-2H-pyrazino (2,1-a)isoquinoline

3-HMPP see 3-hydroxy-1-methyl-3-phenyl-2-piperidinone

2-HM-progesterone see 2-hydroxymethyleneprogesterone

HM-1 protein see bacterial envelope proteins

H4MPT see 5,6,7,8-tetrahydromethanopterin

2-M-4-A-5-HMP see toxopyrimidine

3-HMP see 3-hydroperoxy-3-methylphthalide

5-HMP see 5-hydroxymethoxyphenamine

2-HMS-dehydrogenase see 2-hydroxymuconic semialdehyde dehydrogenase

HMT II 36-61 see metallothionein II hexacosapeptide 36-61

hmU DNA glycosylase see hydroxymethyluracil DNA glycosylase

H-2K(b) murine histocompatibility antigen
(SY) H-2Kb
(SY) H-2K(b)
(SY) H-2K(b) MHC alloantigen
(HM) *H-2 ANTIGENS
(NO) mouse transplantation antigen; structure in first source

2-HNATS see 2-hydroxy-5-nitro-alpha-toluenesulfonic acid

4-HNDPE see 4-hydroxynonachlorodiphenyl ether

14-HNDTA see 14-hydroxy-7,10,12-nonadecatrienoic acid

HNGLC see 2-hexadecanoylamino-4-nitrophenyl-beta-D-glucopyranoside

HN glycoprotein receptors see HN protein receptor

HN glycoprotein, Sendai virus see HN protein

HNNDB see N-hydroxy-N,N'-diacetylbenzidine

3-HNNDP see 3-hydroxy-N,N-dimethylpiperidinium

4-HNNDP see 4-hydroxy-N,N-dimethylpiperidinium

7-HN-PGI2 see 7a-homo-2-norprostacyclin

HN protein
(SY) HN glycoprotein, Sendai virus
(SY) HANA glycoprotein
(SY) hemagglutinin-neuraminidase glycoprotein
(HM) *VIRAL PROTEINS
(II) HEMAGGLUTININS, VIRAL
(NO) glycoprotein from Sendai, mumps & other viruses; participates in binding virus particles to cell-surface receptors

HN protein receptor
(SY) receptor, HN protein, viral
(SY) HN glycoprotein receptors
(HM) *RECEPTORS, VIRUS

hnRNP see informofer

HNRNP C protein see informofer

HNTAS see 2-hydroxy-5-nitro-alpha toluenesulfonic acid sultone

HN-3 see 2,2',2"-trichlorotriethylamine

HN 3 see 2,2',2"-trichlorotriethylamine

d(5' HO-AATTGCAATT-OH 3') see d(AATTGCAATT)

4-HOAG see 4-hydroxyalprenolol glucuronide

HOAP-Bleo
(HM) DOXORUBICIN
(HM) VINCRISTINE
(HM) CYTARABINE
(HM) PREDNISONE
(HM) BLEOMYCINS
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above 5 cpds

3-HOCT see 3-hydroxy-7-oxocholanoyltaurine

3,12-HOCT see 3,12-dihydroxy-7-oxocholanoyltaurine

Hoechst S 769121 see nuclear yellow

Hoechst S769121 see nuclear yellow

Hoechst 33342 see H33342

Hoechst 33378 see HOE 33378

HOE-S769121 see nuclear yellow

HOE 118 see piretanide

HOE 13548
(RN) 71304-73-9
(SY) HOE-13548
(HM) *DIMINAZENE/analogs
(NO) RN given refers to di-HCl; RN for parent cpd not in Chemline 1/26/84

HOE-13548 see HOE 13548

HOE 15030
(RN) 71240-38-5
(SY) HOE-15030
(HM) *DIMINAZENE/analogs
(NO) RN given refers to acetylglycine[1:1] cpd

HOE-15030 see HOE 15030

Hoe 175
(SY) Hoe-175
(SY) 3,8-dimethyl-4-phenyl-5,6,7,8-tetrahydropyrazolo-(3,4-b)(1,5)-diazepine-1H,4H-5,7-dione
(HM) *AZEPINES
(NO) structure given in first source

Hoe-175 see Hoe 175

Hoe-224 see Hoe 224

Hoe 224
(RN) 65655-59-6
(SY) 3-(4-(3-((2-(3,4-dimethoxyphenyl)ethyl)amino)-2-hydroxypropoxy)phenyl)-2-crotonic acid nitrile
(SY) Hoe-224
(HM) *PROPANOLAMINES
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS
(PA) ANTIHYPERTENSIVE AGENTS
(NO) RN given refers to (-)-isomer; RN for cpd without isomeric designation not in Chemline 6/84

HOE 239 see fexinidazole

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Hoe 260
(RN) 58687-40-4
(SY) Hoe-260
(HM) *PROSTAGLANDINS E, SYNTHETIC
(NO) antisecretory & cryoprotective PGE2 analog; RN given refers to (1R-(1alpha(Z),2beta(1E,3R*),3alpha))-isomer; RN for cpd without isomeric designation not in Chemline 3/85; structure given in first source

Hoe-260 see Hoe 260

HOE 263
(RN) 32847-88-4
(SY) HOE-263
(SY) N-(2-benzhydryloxy)ethyl-N-methyl-(1-ethyl-2-(3-methoxyphenyl)ethyl)amine
(HM) *BENZHYDRYL COMPOUNDS
(PA) CALCIUM CHANNEL BLOCKERS
(NO) RN given from Toxline; RN not in Chemline 11/84; structure given in first source

HOE-263 see HOE 263

HOE 280 see DL 8280

HOE 296 see ciclopirox

Hoe 296V see resorantel

Hoe 2982 see heptenophos

HOE 33378
(SY) HOE-33378
(SY) Hoechst 33378
(HM) *STAINS AND STAINING

HOE-33378 see HOE 33378

HOE 36801 see etafenoxine

Hoe-409 see arfalasin

Hoe 409 see arfalasin

Hoe 440 see tiamenidine

HOE 467 see HOE 467A

HOE 467A
(RN) 78362-18-2
(SY) HOE 467 A
(SY) HOE 467
(SY) tendamistate
(HM) *PEPTIDES
(PA) ALPHA-AMYLASE/antag
(NO) isolated from Streptomyces tendae; consists of 74 amino acid residues, MW approx 7958

HOE 467 A see HOE 467A

Hoe 471 see gonadorelin

Hoe-498 see Hoe 498

Hoe 498
(RN) 87333-19-5
(SY) N-(1-carbethoxy-3-phenylpropyl)alanyl-2-azabicyclo(3.3.0)octane-3-carboxylic acid
(SY) Hoe-498
(HM) *BICYCLO COMPOUNDS
(PA) KININASE II/antag
(NO) structure given in first source

HOE 740 see tizolemide

Hoe-777 see Hoe 777

Hoe 777
(RN) 73771-04-7
(SY) prednisolone-17-ethylcarbonate-21-propionate
(SY) Hoe-777
(HM) PREDNISOLONE/*analogs
(PA) ANTI-INFLAMMATORY AGENTS

Hoe 825
(RN) 78410-57-8
(SY) Hoe-825
(SY) Tyr-formyl-Lys-Gly-Phe-HCys-thiolactone
(SY) tyrosyl-formyllysyl-glycyl-phenylalanyl-homocysteine-thiolactone
(HM) *OLIGOPEPTIDES

Hoe-825 see Hoe 825

HOE 892
(RN) 75111-35-2
(SY) HOE-892
(SY) beta-thia-imino-prostacyclin
(SY) S 79 2892 A
(HM) *PROSTAGLANDINS X
(II) PROSTAGLANDINS, SYNTHETIC
(NO) platelet aggregation inhibitor; structure given in first source

HOE-892 see HOE 892

HOE 991 see floxacrine

hog pineal peptide E5 see pineal peptide E5

hollow cylinder protein complex see cylindrin

holmium chloride
(RN) 10138-62-2
(HM) *HOLMIUM

holo-(acyl carrier protein) hydrolase see (acyl-carrier-protein) phosphodiesterase

holo-(acyl-carrier-protein) synthase
(RN) EC 2.7.8.7
(SY) acyl carrier protein synthase
(SY) 4'-phosphopantetheine transferase
(SY) 4'-phosphopantetheine-apofatty acid synthetase transferase
(HM) *PHOSPHOTRANSFERASES

holocarboxylase synthetases
(RN) EC 6.3.4.-
(SY) holoenzyme synthetase
(HM) *LIGASES
(NO) consider EC 6.3.4.9, EC 6.3.4.10 or EC 6.3.4.11

holocyclotoxin
(RN) 88254-04-0
(HM) *ARTHROPOD VENOMS
(II) TICKS
(NO) from salivary glands of Australian parasitic tick Ixodes holocyclus

holoenzyme synthetase see holocarboxylase synthetases

holoreceptor, calcitriol see 1,25-dihydroxycholecalciferol receptor

holothurin A
(RN) 38-26-6
(HM) *HOLOTHURIN/analogs
(NO) RN given refers to Na salt (3 beta,12 alpha,22S)-isomer

holothurin A2 see echinoside A

holotoxin A1 see stichoposide

holotoxin B1 see stichoposide

homarine
(RN) 445-30-7
(SY) picolinic acid N-methylbetaine
(HM) *PICOLINIC ACIDS
(NO) structure

4'-homo-Ara-C see 1-(5-deoxy-beta-arabino-hexofuranosyl)cytosine

4'-homoara-C see 1-(5-deoxy-beta-arabino-hexofuranosyl)cytosine

homo-aza-androstene ester of p-bis(2-chloroethyl) aminophenylacetic acid see 3-(((4-(bis(2-chloroethyl)amino)phenyl)acetyl)oxy)-17-aza-D-homoandrost-5-en-17-one

homoazasterol see A25822B

homo-beta-proline see nipecotic acid

homo-12,15-bisthia-1,3,5(10),6,8,13-gonahexaen-17-one
(RN) 89207-21-6
(SY) 12,15-HBTGO
(HM) *STEROIDS, HETEROCYCLIC
(HM) *GONANES
(NO) structure given in first source

homocaldopentamine
(RN) 84807-66-9
(SY) 1,6-diamino-4,8,12-triazahexadecane
(HM) *POLYAMINES
(NO) from extreme thermophile Thermus thermophilus; structure given in first source

homocarnosinase see aminoacyl-histidine dipeptidase

homocarnosine
(RN) 3650-73-5
(RR) 19841-48-6 (sulfate)
(SY) gamma-aminobutyryl-L-histidine
(HM) *CARNOSINE/analogs
(NO) RN given refers to parent cpd

homocarnosine-carnosine synthetase see carnosine synthetase

homocholine
(RN) 10238-59-2
(RR) 6701-82-2 (chloride)
(RR) 5930-60-9 (iodide)
(RR) 61063-30-7 (bromide)
(SY) 3-trimethylaminopropan-1-ol
(SY) HTMPI
(SY) 3-hydroxy-N,N,N-trimethylpropanaminium
(HM) CHOLINE/*analogs
(NO) record includes halides; iodide used as internal standard for paired-ion HPLC assay for choline; RN given refers to parent cpd

homocitrate synthase
(RN) EC 4.1.3.21
(RR) 9075-60-9 (CRN)
(HM) *KETOACID-LYASES

homocitrulline
(RN) 1190-49-4
(SY) ureidocaproic acid
(SY) N(6)-(aminocarbonyl)-L-lysine
(HM) CITRULLINE/*analogs

homocyclocreatine
(RN) 84714-46-5
(SY) 1-carboxyethyl-2-iminoimidazolidine
(HM) CREATININE/*analogs
(NO) structure given in first source

homocyclocreatine-P see phosphohomocyclocreatine

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homocysteic acid
(RN) 1001-13-4
(RR) 504-33-6 ((DL)-isomer)
(RR) 14857-77-3 ((L)-isomer)
(RR) 56892-03-6 ((D)-isomer)
(RR) 35531-73-8 (unspecified Na salt(+-)-isomer)
(RR) 10329-80-3 (mono-Na salt(+-)-isomer)
(RR) 81381-81-9 (mono-Na salt)
(HM) HOMOCYSTEINE/*analogs
(NO) promotes growth in hypophysectomized rats; RN given refers to parent cpd

homocysteic acid-methotrexate see methotrexate-homocysteic acid

homocysteine methyltransferase
(RN) EC 2.1.1.10
(HM) *METHYLTRANSFERASES

homocysteine synthase see O-acetylhomoserine (thiol)-lyase

homocysteine thiolactone
(RN) 10593-85-8
(RR) 14007-10-4 ((+-)-isomer)
(RR) 57100-27-3 (perchlorate(S)-isomer)
(RR) 6038-19-3 (HCl(+-)-isomer)
(RR) 3622-59-1 (HCl)
(RR) 2338-04-7 ((S)-isomer)
(HM) HOMOCYSTEINE/*analogs
(NO) RN given refers to cpd without isomeric designation

homofolic acid
(RN) 3566-25-4
(SY) N-(p-(2-(2-amino-4-hydroxy-6-pteridinyl)ethyl) amino)benzoyl)glutamic acid
(HM) FOLIC ACID/*analogs
(NO) major descriptor (75-84); on-line search FOLIC ACID/AA (75-84); Index Medicus search HOMOFOLIC ACID/*analogs (75-84)

homogentisate 1,2-dioxygenase
(RN) EC 1.13.11.5
(RR) 9029-49-6 (CRN)
(SY) homogentisate oxygenase
(SY) homogentisic acid oxidase
(HM) *OXYGENASES

homogentisate oxygenase see homogentisate 1,2-dioxygenase

homogentisic acid oxidase see homogentisate 1,2-dioxygenase

homoharringtonine
(RN) 26833-87-4
(RR) 88179-67-3 (3H-labeled cpd (3(R))-isomer)
(HM) *HARRINGTONINES
(NO) alkaloid from Cephalotaxus harringtonia; RN given refers to (3(R))-isomer; RN for cpd without isomeric designation not in Chemline 7/84

homo-iso-vanillic acid see isohomovanillic acid

7a-homo-2-nor-PGI2 see 7a-homo-2-norprostacyclin

7a-homo-2-norprostacyclin
(SY) 7a-homo-2-nor-PGI2
(SY) 7-HN-PGI2
(HM) *PROSTAGLANDINS X
(NO) equipotent to prostacyclin as anti-aggregatory agent; structure given in first source

homopantothenic acid see pantogab

homopteroic acid
(RN) 4833-56-1
(HM) *PTERINS
(NO) structure

homoquinolinic acid
(RN) 490-75-5
(HM) *QUINOLINIC ACIDS
(NO) structure given in first source

homoquinolinic acid, 2-methyl ester
(SY) H2ME
(SY) 2-methyl homoquinolinate
(HM) *QUINOLINIC ACIDS
(NO) no other information available 4/27/84

homoserine acetyltransferase
(RN) EC 2.3.1.31
(SY) homoserine transacetylase
(HM) *ACETYLTRANSFERASES

homoserine kinase
(RN) EC 2.7.1.39
(HM) *PHOSPHOTRANSFERASES, ATP

homoserine succinyltransferase
(RN) EC 2.3.1.46
(RR) 62213-51-8 (CRN)
(SY) O-succinyl homoserine synthetase
(HM) *ACYLTRANSFERASES

homoserine transacetylase see homoserine acetyltransferase

sym-homospermidine
(RN) 4427-76-3
(HM) SPERMIDINE/*analogs
(NO) analog of spermidine isolated from sandal leaves (Santalum album L.); structure

homotaurine
(RN) 3687-18-1
(SY) 3-aminopropanesulfonic acid
(HM) TAURINE/*analogs
(PA) ANTICONVULSANTS
(NO) GABA receptor agonist; structure

honokiol
(RN) 35354-74-6
(HM) *BIPHENYL COMPOUNDS
(NO) component of Magnolia obovata Thunb.; structure

Honvan see fosfestrol

hook protein (bacterial flagellum)
(HM) *BACTERIAL PROTEINS
(NO) one of the major subunits of flagellum

hopantenic acid see pantogab

hopcalite
(RN) 12612-41-8
(HM) *METALS
(II) CATALYSIS
(NO) mixture of cobalt, copper, silver, & manganese oxides; used as catalyst for oxidizing carbon monoxide

4-HOPG see 4-hydroxypropranolol glucuronide

HOPrHis see N-3'-(2-hydroxypropyl)histidine

4-HOPS see 4'-hydroxypropranolol sulfate ester

hordein
(SY) C hordein
(HM) *PLANT PROTEINS
(NO) from barley

hordenine
(RN) 539-15-1
(RR) 6027-23-2 (HCl)
(RR) 622-64-0 (sulfate[2:1])
(RR) 62493-39-4 (sulfate[1:1])
(RR) 60189-30-2 (HCl)
(RR) 3595-05-9 (unspecified sulfate)
(RR) 3546-34-7 (sulfate[1:1](+-)-isomer)
(SY) N,N-dimethyltyramine
(HM) *ALKALOIDS
(PA) SYMPATHOMIMETICS
(NO) activates both nicotinic & adrenergic receptors; structure; RN given refers to cpd without isomeric designation

hordox see gordox

horminone
(RN) 21887-01-4
(SY) 4b,5,6,7,8,8a,9,10-octahydro-3,10-dihydroxy-4b, 8,8-trimethyl-2-(1-methylethyl)-1,4- phenanthrenedione
(HM) *DITERPENES
(PA) TRYPANOCIDAL AGENTS
(NO) RN given from 1984 CA Index Guide for (4bS-(4balpha,8abeta,10beta))-isomer; RN not in Chemline 7/85

horseradish peroxidase-con A see concanavalin A-horseradish peroxidase conjugate

Hostaquick see heptenophos

host factor
(SY) host factor 1
(SY) host factor protein
(SY) mouse cell host protein
(HM) *CARRIER PROTEINS
(II) RNA
(NO) one of 5 polypeptides required for Qbeta RNA replication in vitro; heat stable RNA-binding protein; host factor 1 is E. coli protein which strongly stimulates RNA-dependent RNA synthesis activity of Qbeta replicase when the plus strand of Qbeta RNA is used as template

host factor protein see host factor

host factor 1 see host factor

HOTMP see 2,2,6,6-tetramethyl-4-piperidinol-N-oxyl

Hova
(HM) *PLANT EXTRACTS
(PA) SEDATIVES, NONBARBITURATE
(NO) combination of valerian of hop extract

H2-oxidizing(uptake) hydrogenase see uptake hydrogenase

15-HPAA see 15-hydroperoxy-5,8,11,13-eicosatetraenoic acid

HPA-I see polyacrylamide

HpaI endonuclease see endodeoxyribonuclease HpaI

HpaII endonuclease see endodeoxyribonuclease HpaII

Hpa II methylase see DNA modification methylase HpaII

HPAPO see hydroxypyruvaldehyde phenylosazone

HPA-V see polyacrylamide

HPA-23 see 5-tungsto-2-antimoniate

HPA 23 see 5-tungsto-2-antimoniate

HPA 39 see 5-tungsto-2-antimoniate

7-HPCA see 3-hydroxy-4,5,6,7-tetrahydroisoxazolo(5,4-c)pyridine-7-carboxylic acid

HPCPP see alpha,beta-methyleneadenosine 5'-triphosphate

HP-DEM see 2-hydroxy-2-phenyl-N,N-diethylacetamide

HPDME see hematoporphyrin IX dimethylester

15-HPDnase see 15-hydroxyprostaglandin dehydrogenase

3-HPDO see 3 alpha-hydroxy-5 alpha-pregna-9(11),16-diene-20-one

HP-N-DTC see 4-hydroxypiperidine-N-dithiocarboxylate

2-HPDTMP see 2-hydroxy-1,3-propylenediamine-N,N,N',N'-tetra (methylenephosphonic acid)

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15-HPEA see 15-hydroperoxy-5,8,11,13-eicosatetraenoic acid

10-HPED see 10-hydroperoxy-4-estrene-3,17-di ·e

15-HPEPE see 15-hydroperoxy-5,8,11,14,17-eicosapentaenoic acid

12-HPETE

(RN) 67675-13-2
(RR) 59808-33-2 (cpd with unpsecified locant hydroperoxy moiety (all-Z)-isomer)
(RR) 68385-49-9 ((S-(E,E,E))-isomer)
(RR) 71030-35-8 ((E,Z,Z,Z)-isomer)
(RR) 68385-49-9 ((S-(E,E,E)-isomer)
(RR) 71774-10-2 ((S-(E,Z,Z,Z))-isomer)
(SY) 12-OOHETE
(SY) 12-L-hydroperoxy-5,8,10,14-eicosatetraenoic acid
(SY) 12-hydroperoxy-5,8,10,14-icosatetraenoic acid
(SY) omega-9-hydroperoxyarachidonic acid
(SY) omega-9 HPAA
(SY) arachidonic acid omega-9 hydroperoxide
(HM) *ARACHIDONIC ACIDS
(PA) VASOCONSTRICTOR AGENTS
(NO) RN given refers to cpd without isomeric designation; 12-HPETE may be used inconsistently in literature as synonym for cpds with various tetraene-locants; caused dose-dependent constriction of cat coronary arteries

15-HPETE see 15-hydroperoxy-5,8,11,13-eicosatetraenoic acid

5-HPETE see arachidonic acid 5-hydroperoxide

9-HPF see 9-hydroxyphenylfluoron

hpGRF(1-32)amide, 1-histidyl-10-monoiodotyrosyl-27-norleucine- see somatotropin releasing hormone(1-32)amide, His(1)-I- Tyr(10)-Nle(27)-

hpGRF(1-24)amide see somatotropin releasing hormone(1-24)amide

hpGRF(1-29)amide see somatotropin releasing hormone(1-29)amide

hpGRF(1-29)-NH2, N-Ac-Tyr(1) Phe(2)- see somatotropin releasing hormone(1-29)amide, N-Ac-Tyr(1) -Phe(2)-

hpGRF(1-29)-NH2, Ala(2)- see somatotropin releasing hormone(1-29)amide, Ala(2)-

hpGRF(1-24)NH2 see somatotropin releasing hormone(1-24)amide

hpGRF(1-37)NH2 see somatotropin releasing hormone(1-37)amide

hp GRF(1-37)NH2 see somatotropin releasing hormone(1-37)amide

hpGRF(1-44)-NH2 see somatocrinin

hpGRF(1-44)NH2 see somatotropin releasing hormone(1-44)amide

hp GRF(1-44)NH2 see somatotropin releasing hormone(1-44)amide

hpGRF(1-40)-OH, Ala(34)-Ser(38)-Arg(40)- see somatotropin releasing hormone(1-40)-OH, Ala(34)-Ser (38)-Arg(40)-

hpGRF(1-37)OH see somatotropin releasing hormone(1-37)

hpGRF(1-40)-OH see somatotropin releasing factor 40

hpGRF(1-43)OH see somatotropin releasing hormone (1-43)

hpGRF-44 receptor see somatocrinin receptor

hpGRF(1-40) see somatotropin releasing factor 40

hpGRF(1-44) see somatocrinin

hpGRF 37 see somatotropin releasing hormone(1-37)

hpGRF-40 see somatotropin releasing factor 40

hpGRF 40 see somatotropin releasing factor 40

hpGRF 44 see somatocrinin

H-Phe-Ile-Tyr-His-Ser-Tyr-Lys-OH see H-phenylalanyl-isoleucyl-tyrosyl-histidyl-seryl-tyrosyl-lysine

H-Phe-Leu-Val-Met-Phe-Leu-Ser-Gly-OH see Streptococcus faecalis sex pheromone cPD1

H-phenylalanyl-isoleucyl-tyrosyl-histidyl-seryl-tyrosyl-lysine

(RN) 78107-95-6
(SY) H-Phe-Ile-Tyr-His-Ser-Tyr-Lys-OH
(SY) PITHSTHL heptapeptide
(HM) *OLIGOPEPTIDES
(NO) synthetic heptapeptide

H-D-phenylalanyl-Pip-Arg-p-nitroanilide see S-2238

H-D-phenylalanyl-L-pipecolyl-arginine-nitroanilide see S-2238

H-Phe-Pip-Arg-p-nitroanilide see S-2238

H-Phe-Pip-Arg-pNA see S-2238

H-D-Phe-Pip-Arg-pNA see S-2238

4-HPIA see N-(4-hydroxyphenyl)-1-isopropyladenosine

HP IV see hemorrhagic proteinase IV

HPLA see 4-hydroxyphenyllactic acid

13-HPLA see 13-hydroperoxylinoleic acid

HPMA see hydroxypropyl methacrylate

HPMF see 2,3-bis(3'-hydroxybenzyl)butyrolactone

HPMN see 10-hydroperoxy-7-methylnorethindrone 17-heptanoate

6-HPOA see 6-hydroperoxyandrost-4-ene-3,17-dione

13-HPOD see 13-hydroperoxy-9,11-octadecadienoic acid

HPPH glucuronide see 5-phenyl-5-(4-hydroxyphenyl)hydantoin glucuronide

5-HPPH see 5-(3-hydroxyphenyl)-5-phenylhydantoin

5-2-HPPH see 5-(2-hydroxyphenyl)-5-phenylhydantoin

HPP-precursor see human pancreatic polypeptide precursor

HPPR-MP see allopurinol riboside 5'-monophosphate

HPPS see N-succinimidyl-3-(4-hydroxyphenyl)propionate

H-D-prolyl-phenylalanyl-arginine-para-nitroanilide see prolyl-phenylalanyl-arginine-4-nitroanilide

H-D-Pro-Phe-Arg-p-nitroanilide see prolyl-phenylalanyl-arginine-4-nitroanilide

H-protein

(SY) aminomethyl carrier protein
(HM) *CARRIER PROTEINS
(NO) component of glycine cleavage system; lipoic acid containing protein which increases catalytic activity of glycine decarboxylase & functions as both an electron-pulling agent & carrier of aminomethyl moiety of glycine in the glycine cleavage reaction

H protein E coli see histone-like protein, E coli

H-protein, glycine cleavage system see glycine synthase

H-Protein, muscle

(SY) myofibrillar H-protein
(HM) *MUSCLE PROTEINS
(NO) MW 69,000; protein responsible for band H on polyacrylamide electrophoresis of crude myosin; do not confuse with H-protein component of glycine cleavage system

H protein (TMV) see TMV protein

H protein (tobacco mosaic virus) see TMV protein

HPr protein see phosphocarrier protein HPr

HPr protein, E coli see phosphocarrier protein HPr

HPr protein, Salmonella see phosphocarrier protein HPr

H2-pteridine-CH2OH pyrophosphokinase see 2-amino-4-hydroxy-6-hydroxymethyldihydropteridine pyrophosphokinase

hPTH (1-34)-NH2 see parathyroid hormone (1-34) amide

hPTH (42-55), 55-Tyr- see parathyroid hormone (42-55), 55-Tyr-

hPTH (43-68), 68-Tyr- see parathyroid hormone (43-68), 68-Tyr-

hPTH (44-68), 43-Tyr- see parathyroid hormone (44-68), 43-Tyr-

hPTH (1-38) see parathyroid hormone(1-38)

hPTH (44-68) see parathyroid hormone (44-68)

hPTH (68-84) see parathyroid hormone (68-84)

HP 129 see fendosal

hp 5B see hemoregulatory peptide 5b

HP 549 see isoxepac

HP-6 see OP-6

HQ-CYS see 2-(S-cysteinyl)hydroquinone

HQ-SG see 2-(S-glutathionyl)hydroquinone

H1285 receptor see tamoxifen receptor

HRF-LD see histamine releasing factor (lymphocyte-dependent)

HR 158 see triazulenone

HR-221 see cefodizime

HR 221 see cefodizime

HR 376 see clobazam

HR 458 see triazulenone

hR578 see halorhodopsin

HR-810 see HR 810

HR 810

(RN) 84957-29-9
(SY) 3-((2,3-cyclopenteno-1-pyridinium)methyl)-7-(2-syn-methoximino-2-(2-aminothiazole-4-yl) acetamido)ceph-3-em-4-carboxylate
(SY) HR-810
(SY) cefpirome
(HM) *CEPHALOSPORINS
(NO) structure in first source

HSAB see hydroxysuccinimidyl-4-azidobenzoate

HSAc-Phe-Leu see 2-mercaptoacetyl-phenylalanylleucine

4-HSA see 4-hydroxysulfamerazine

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HSP 2986 see pramiverine

HSp 2986 see pramiverine

HSR-902 see HSR 902

HSR 902
(RN) 71731-58-3
(RR) 71731-59-4 (bromide (cis)-isomer
(SY) 3-(di-2-thienylmethylene)-5-methyl-trans-quinolizidinium bromide
(SY) HSR-902
(SY) tiquizium bromide
(HM) *QUINOLIZINES
(PA) PARASYMPATHOLYTICS
(PA) GANGLIONIC BLOCKADERS
(NO) antispasmodic; RN given refers to bromide (trans)-isomer; RN for parent cpd without isomeric designation not in Chemline 7/84

HSV DNA polymerase see herpes simplex virus DNA polymerase

HSV glycoprotein C see glycoprotein gC, herpes simplex type 1

HSV-1 glycoprotein D see glycoprotein D, herpes simplex virus type 1

HSV-1 glycoprotein H see glycoprotein H, herpes simplex virus type 1

HSV-2 glycoprotein D see glycoprotein D, herpes simplex virus type 2

HSV-2-ICSP-11-12 see herpes simplex virus type 2 protein ICSP 11-12

HSV type 1 glycoprotein gC see glycoprotein gC, herpes simplex type 1

HSV type 2 glycoprotein gF see glycoprotein gF, herpes simplex virus type 2

HSV type 1 glycoprotein B see glycoprotein B, herpes simplex virus type 1

HSV type 1 glycoprotein E see glycoprotein E, herpes simplex virus type 1

HSV type 2 glycoprotein B see glycoprotein B, herpes simplex virus type 2

HSV type 2 glycoprotein G see glycoprotein G, herpes simplex virus type 2

HSV type 1 protein ICP8 see herpes simplex virus type 1 protein ICP8

HS 3 see HS-3

HS-3
(RN) 25487-36-9
(SY) N,N'-oxydimethylenebis(pyridinium-2,4-aldoxime) dichloride
(SY) HS 3
(HM) *PRALIDOXIME COMPOUNDS
(PA) ANTIDOTES
(NO) structure

HS 310 see chandonium iodide

HS 342 see HS-342

HS-342
(RN) 38561-87-4
(SY) 4,17 alpha-dimethyl-4,17 alpha-diaza-D-homo-5 alpha-androstane dimethiodide
(SY) HS 342
(HM) *AZASTEROIDS
(HM) *ANDROSTANES
(PA) NEUROMUSCULAR DEPOLARIZING AGENTS

HS-37 see HS 37

HS 37
(RN) 31755-25-6
(RR) 54774-24-2 ((+-)-isomer)
(SY) RS-HS 37
(SY) HS-37
(HM) *CARBAMATES
(PA) ANESTHETICS, LOCAL
(NO) structure; RN given refers to cpd without isomeric designation

HS-6 see HS 6

HS 6
(RN) 22625-23-6
(SY) 1,1'-oxydimethylene(2-formyl-3-carbamyl) pyridinium chloride
(SY) HS-6
(HM) *PRALIDOXIME COMPOUNDS
(PA) ANTIDOTES
(NO) structure

HS 692 see dihydrochandonium

10-HTBF see 10-hydroxy-7,8,9,10-tetrahydrobenzo(a)pyrene

7-HTBP see 7-hydroxy-7,8,9,10-tetrahydrobenzo(a)pyrene

HT-f C see hemorrhagic toxin f (Crotalid)

HTFP see 2-keto-4,4,4-trifluorobutyl phosphate

HTF-RAg see human tissue factor related antigen

HThy-L-ADA see thymus-leukemia antigens

HTLV antibodies see human T-cell leukemia virus antibodies

HTLV antigen see human T-cell leukemia virus-associated antigen

HTLV-III antibody see human T-cell leukemia virus antibodies

HTLV structural protein p15 see virus structural protein p15

HTMF see 5-hydroxy-3',4',6,7-tetramethoxyflavone

HTMPI see homocholine

HTMPQ see 2,3,4,4a,5,6-hexahydro-9-(trifluoromethyl)-1H-pyrazino(1,2-a)quinoline

HTR composite
(RN) 26355-01-1
(SY) hard tissue replacement composite
(HM) *POLYHYDROXYETHYL METHACRYLATE
(HM) *METHYLMETHACRYLATES
(II) COMPOSITE RESINS
(II) BIOCOMPATIBLE MATERIALS
(II) IMPLANTS, ARTIFICIAL
(NO) biocampatible composite of patented technology combining polymethylmethacrylate & polyhydroxyethyl methacrylate without addition of catalysts, inducers or impurities

HT-2 toxin
(RN) 26934-87-2
(HM) *T-2 TOXIN/analogs

H-Tyr-D-Ala-Phe-Gly-Tyr-Pro-Ser-NH(2) see dermorphin

H-Tyr-D-Arg-OMe see tyrosylarginine methyl ester

H-Tyr-Arg-Phe-Gly-OEt see tyrosyl-arginyl-phenylalanyl-glycine ethyl ester

H-Tyr(Et)-D-Arg-OMe see ethyltyrosylarginine methyl ester

H-Tyr(Et)-D-Arg-Phe-Gly-OEt see ethyltyrosyl-arginyl-phenylalanyl-glycine ethyl ester

H-Tyr-(Gln)3-Pro-OH see H-tyrosyl-glutaminyl-glutaminyl-glutaminyl-hydroxyproline

H-tyrosyl-glutaminyl-glutaminyl-glutaminyl-hydroxyproline
(RN) 89270-97-3
(SY) H-Tyr-(Gln)3-Pro-OH
(HM) *OLIGOPEPTIDES
(II) GLIADIN
(NO) pentapeptide postulated to be basic repetitive unit of alpha-gliadin

Huang-lien-chieh-tu-tang
(SY) HLCT
(HM) *PLANT EXTRACTS
(II) PLANTS, MEDICINAL
(II) MEDICINE, ORIENTAL TRADITIONAL
(NO) one of traditional Japanese Kanpo medicines

H2A-ubiquitin hydrolase see isopeptidase

HUF-2333 see perlapine

Hughes antigen
(SY) Hg(a) antigen
(HM) *BLOOD GROUPS
(NO) low frequency blood group isoantigen from normal donors in South Wales

HUGI see human urinary gastric inhibitor

HUIFN-alpha 1-(111-166) see interferon, alpha 1(111-166)

HUIFN-alpha 2-(1-110) see interferon, alpha 2(1-110)

HUIFN-alpha 2-(111-153) see interferon, alpha 2(111-153)

human F antigen see F antigen

human blood group N antigen see N antigens, erythrocyte

human CCAP see preprocalcitonin carboxyl-terminal region peptide

human B cell differentiation antigen see differentiation antigens, B-lymphocyte

human T-cell leukemia virus antibodies
(SY) HTLV antibodies
(SY) HTLV-III antibody
(HM) *ANTIBODIES, VIRAL
(II) HUMAN T-CELL LEUKEMIA VIRUS/immunol

human T-cell leukemia virus-associated antigen
(SY) HTLV antigen
(SY) adult T-cell leukemia virus-associated antigen
(SY) ATLA antigen
(HM) *ANTIGENS, VIRAL
(II) HUMAN T-CELL LEUKEMIA VIRUS/immunol

human T-cell leukemia virus structural protein p15 see virus structural protein p15

human chorionic gonadotropin, alpha subunit see HCG-alpha

human chorionic gonadotropin, beta subunit see HCG-beta

human chorionic gonadotropin, beta subunit 109-145 see HCG-beta

human chorionic gonadotropin receptor see hCG receptor

human chorionic gonadotropin receptors see hCG receptor

human complex forming glycoprotein see alpha(1)-microglobulin

human complex-forming protein see alpha(1)-microglobulin

human cystatin see post gamma-globulins

human enhancing factor see immunoenhancing factor

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human N erythrocyte antigens see N antigens, erythrocyte

human factor H see beta-1H

human fibroblast surface glycoprotein see aminopeptidase M

human growth hormone, N-alpha-acetyl (7-13)- see N-alpha-acetylsomatotropin (7-13)

human growth hormone (177-191) see somatotropin (177-191)

human growth hormone 20K see somatotropin 20K

human growth hormone (4-15) see somatotropin (4-15)

human growth hormone (6-13) see somatotropin (6-13)

human growth hormone (75-120) see somatotropin (75-120)

human IgE pentapeptide see IgE pentapeptide

human inhibin-like peptide (1-31)
(SY) HILP (1-31)
(HM) *PEPTIDES
(II) INHIBIN
(NO) peptide containing 31 amino acids with inhibin-like activity; amino acid sequence given in first source

human interferon alpha 1(111-166) see interferon, alpha 1(111-166)

human interferon alpha 2(1-110) see interferon, alpha 2(1-110)

human interferon alpha 2(111-153) see interferon, alpha 2(111-153)

human leukemia-associated antigen GP100 see common acute lymphoblastic leukemia antigens

human leukemia-associated antigen p24 see common acute lymphoblastic leukemia antigens

human liver specific F antigen see F antigen

human milk fat globule antigen 1 see epithelial membrane glycoprotein

human milk fat globule antigen 2 see epithelial membrane glycoprotein

human pancreatic eicosapeptide see pancreatic eicosapeptide

human pancreatic growth hormone-releasing factor see somatocrinin

human pancreatic growth hormone releasing factor(1-24) amide see somatotropin releasing hormone(1-24)amide

human pancreatic growth hormone releasing factor (1-29)amide see somatotropin releasing hormone(1-29)amide

human pancreatic growth hormone releasing factor(1-37) amide see somatotropin releasing hormone(1-37)amide

human pancreatic growth hormone releasing factor(1-44) amide see somatotropin releasing hormone(1-44)amide

human pancreatic growth hormone releasing factor(1-37) see somatotropin releasing hormone(1-37)

human pancreatic polypeptide precursor
(SY) HPP-precursor
(SY) pre-HPP
(SY) pre-pancreatic polypeptide
(HM) *PROTEIN PRECURSORS
(NO) MW 11,000

human pancreatic tumor growth hormone releasing factor see somatotropin releasing factor 40

human parathyroid hormone peptide see parathyroid hormone peptide (1-34)

human parathyroid hormone(1-38) see parathyroid hormone(1-38)

human pathathyroid hormone (1-34) amide see parathyroid hormone (1-34) amide

human PHI see pro-vasoactive intestinal peptide

human X polypeptides
(SY) PFHG1
(SY) PFHG2
(SY) PFHG3
(SY) PYHG17
(SY) PX-27
(HM) *PEPTIDES
(NO) polypeptides specific for human X chromosomes; have been isolated and characterized; MWs given in first source

human proinsulin chimeric protein see proinsulin chimeric polypeptide

human H-ras (T-24) protein see c-Ha-ras oncogene proteins

human SFP see spleen fibrinolytic proteinase (human)

human skeletal growth factor see bone growth factor

human sperm protamine P1 see protamine P1

humantendine
(RN) 82375-28-8
(SY) humantenidine
(HM) *ALKALOIDS
(II) PLANTS, MEDICINAL
(NO) oxoindole alkaloid from root of Hu-Manteng; structure given in first source

humantenidine see humantendine

humantenine
(HM) *ALKALOIDS
(NO) isolated from root of Hu-Man-Teng (Gelsemium elegans Benth.); structure given in first source

humantenirine
(HM) *ALKALOIDS
(NO) isolated from root of Hu-Man-Teng (Gelsenium elegans Benth.); structure given in first source

humantenmine
(RN) 82354-38-9
(HM) *ALKALOIDS
(NO) alkaloid from roots of Hu-Men-Teng (Gelsemium elegans Banth.); structure given in first source

human thymus leukemia-associated antigen see thymus-leukemia antigens

human thyroid stimulator see long-acting thyroid stimulator protector

human tissue factor related antigen
(SY) HTF-RAg
(SY) tissue factor related antigen
(SY) thromboplastin related antigen
(HM) *ANTIGENS
(II) THROMBOPLASTIN

human urinary gastric inhibitor
(RN) 62229-50-9
(SY) HUGI
(SY) Gastrone, uro-
(HM) *GLYCOPROTEINS
(II) GASTROINTESTINAL HORMONES
(II) GASTRIC JUICE/secret
(NO) high molecular weight glycoprotein which inhibits gastric secretion

humoral endorphin see endorphin, humoral

humoral leukocyte adherence inhibition factor
(SY) H-LAI protein
(SY) LAI factor
(HM) *NEOPLASM PROTEINS
(II) LEUKOCYTE ADHERENCE INHIBITION TEST
(NO) MW 71,000 glycoprotein found in high concentration in serum of patients with lung cancer & smaller quantities in sera of other cancer types

humulene
(RN) 6753-98-6
(SY) alpha-humulene
(HM) *SESQUITERPENES
(NO) structure given in first source

HUNQ see 2-hydroxy-3-undecyl-1,4-naphthoquinone

HU protein
(SY) protein HU
(SY) HU-type protein
(HM) *DNA-BINDING PROTEINS
(HM) *BACTERIAL PROTEINS
(NO) from E coli; DNA-binding protein which stimulates the enzymatic replication of duplex DNAs of recombinant phages & plasmids

huratoxin
(RN) 33465-16-6
(HM) *TERPENES
(II) CYTOTOXINS
(NO) from desert rice flower, Pimelea simplex

HU-type protein see HU protein

H-D-Val-Leu-Arg-p-nitroanilide see S 2266

H-(Val-Pro-Gly-Val-Gly)n)-Val-Ome see elastin polypentapeptide

H-Val-Val-Val-N2H2-DNS see dansylhydrazide trivaline

HWA-153 see HWA 153

HWA 153
(RN) 56395-66-5
(SY) 1-propyl-3-methyl-7-(5-hydroxyhexyl)xanthine
(SY) HWA-153
(HM) THEOPHYLLINE/*analogs
(PA) BRONCHODILATOR AGENTS

HWA-285 see HWA 285

HWA 285
(RN) 55242-55-2
(SY) 1-(5'-oxohexyl)-3-methyl-7-propylxanthine
(SY) HWA-285
(HM) *XANTHINES

HWA 486
(SY) HWA-486
(SY) N-(4-trifluoromethyphenyl)-5-methylisoxazole-4-carboxamide
(HM) *ISOXAZOLES
(PA) ANTI-INFLAMMATORY AGENTS
(NO) structure given in first source

HWA-486 see HWA 486

HW 165
(SY) HW-165
(SY) 7-hydroxy-1,2,3,4,4a,5,6,10b-octahydrobenzo(f) quinoline
(HM) *PHENANTHRENES

HW-165 see HW 165

HX-CH 44 BS
(SY) HX-CH-44-BS
(SY) 2-(4-(3-(tert-butylamino)-2-hydroxypropoxy) phenyl)-3-methyl-6-methoxy-4(3H)-quinazolinone
(HM) *PROPANOLAMINES
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS
(NO) structure given in first source

HX-CH-44-BS see HX-CH 44 BS

hyalodendrin
(RN) 51920-94-6
(RR) 40380-24-3 ((-)-isomer)
(SY) 2-benzyl-1,4-dimethyl-5-hydroxymethyl-2,5-epidithia-3,6-diketopiperazine
(SY) A 26771 A
(SY) A-26771A
(HM) *PIPERAZINES
(PA) ANTIBIOTICS, ANTIFUNGAL
(NO) fungal metabolite of hyalodendron species; antimicrobial activity against broad spectrum of fungi associated with disease in plants & trees; isolated from fungus NRRL 5888; RN given refers to (1S)-isomer; RN for cpd without isomeric designation not in Chemline 8/9/83; structure

hyaluronate lyase
(RN) EC 4.2.2.1
(RR) 37259-53-3 (CRN)
(SY) mucinase
(SY) spreading factor
(HM) *POLYSACCHARIDE-LYASES
(NO) also acts on chondroitin; formerly EC 4.2.99.1

hyaluronate synthetase see hyaluronic acid synthetase

hyaluronectin see hyaluronic acid binding protein

hyaluronic acid-binding protein see hyaluronic acid binding protein

hyaluronic acid binding protein
(SY) hyaluronectin
(SY) hyaluronic acid-binding protein
(HM) *CARRIER PROTEINS
(II) HYALURONIC ACID

hyaluronic acid synthetase
(RN) EC 2.4.1.-
(SY) hyaluronate synthetase
(HM) *UDP GLUCURONOSYLTRANSFERASE
(NO) incorporation of glucuronic acid into hyaluronic acid from UDP-glucuronic acid in the presence of UDP-N-acetylglucosamine, EC 2.4.1.17

hybridase see endoribonuclease H

hybrid hemoglobins
(SY) carp-human hybrid hemoglobin
(HM) *HEMOGLOBINS
(II) PROTEIN HYBRIDIZATION
(NO) one chain derived from one species and the other from a second species

hybrid nuclease see endoribonuclease H

hydantoic acid
(RN) 462-60-2
(HM) UREA/*analogs
(NO) norallophanic acid; structure

hydantoinase see dihydropyrimidinase

hydantoin 454C77
(RN) 78864-51-4
(SY) hydantoin-454C77
(SY) 5-(6-carboxyhex-2-enyl)-1-(3-cyclohexyl-3-hydroxypropyl)hydantoin
(HM) *HYDANTOINS
(NO) RN given from Toxline; RN not in Chemline 6/85; structure given in first source

hydantoin-454C77 see hydantoin 454C77

hydracrylic acid
(RN) 503-66-2
(SY) beta-lactic acid
(SY) 3-hydroxypropionic acid
(HM) *LACTATES
(II) ISOMERISM

hydracrylonitrile
(RN) 109-78-4
(SY) 2-cyanoethanol
(HM) *ACRYLONITRILE/analogs
(HM) ALCOHOL, ETHYL/*analogs
(NO) structure

hydra head activator peptide see head activator peptide

hydralazine pyruvic acid hydrazone
(RN) 67536-13-4
(HM) HYDRALAZINE/*analogs
(NO) major plasma metabolite of hydralazine; structure given in first source

hydramitrazine see meladrazine

hydrastine
(RN) 118-08-1
(RR) 5936-28-7 ((HCl(S-(R*,S*)))-isomer)
(RR) 29617-43-4 ((R-(R*,S*)))-isomer)
(RR) 4370-85-8 ((R-(R*,R*)))-isomer)
(HM) *ALKALOIDS
(NO) RN given refers to cpd without isomeric designation

hydrated alkali-aluminum silicate see zeolite

hydrated magnesium aluminum gel see magaldrate

hydratropic acid
(RN) 492-37-5
(RR) 7782-26-5 ((R)-isomer)
(RR) 7782-24-3 ((S)-isomer)
(RR) 2328-24-7 ((+-)-isomer)
(HM) *PHENYLPROPIONATES
(NO) RN given refers to cpd without isomeric designation; structure

hydrazides
(SY) acyl hydrazines
(HM) *HYDRAZINES

hydrazine
(RN) 302-01-2
(RR) 59779-45-2 (phosphate[2:1])
(RR) 37836-27-4 (nitrate)
(RR) 15823-35-5 (phosphate[1:1])
(RR) 13464-97-6 (mononitrate)
(RR) 13464-80-7 (sulfate[2:1])
(RR) 7803-57-8 (monohydrate)
(RR) 1184-66-3 (sulfate)
(RR) 5341-61-7 (di-HCl)
(RR) 634-62-8 (tartrate)
(SY) hydrazine hydrate
(HM) *HYDRAZINES
(NO) used as fuel in emergency power systems; see also record for hydrazine sulfate RN: 10034-93-2; RN given refers to parent cpd

hydrazine hydrate see hydrazine

hydrazine mustard spin label see 3-(bis-(2-chloroethyl)carbohydrazide)-2,2,5,5-tetramethylpyroline-1-oxyl

hydrazine sulfate
(RN) 10034-93-2
(RR) 1184-66-3 (sulfate)
(RR) 13464-80-7 (sulfate[2:1])
(RR) 58014-41-8 (sulfate[1:1]mono-Na salt)
(HM) *HYDRAZINES
(NO) RN given refers to parent cpd

3-hydrazino-6-(N,N-bis(2-hydroxyethyl)amino) pyridazine.di-HCl see oxdralazine

2-hydrazino-5-n-butylpyridine see CGP 18137A

4-hydrazinocarbonylpyridine-1,N(6)-ethenoadenine dinucleotide
(SY) 4-HCPDAD
(HM) *ADENINE NUCLEOTIDES
(II) FLUORESCENT DYES
(NO) structure given in first source

3-hydrazino-6-((2-hydroxypropyl)methylamino)pyridazine see propildazine

hydrazinopyridazine see oxdralazine

3-hydrazino-rifamycins see 3-hydrazinorifamycin

3-hydrazinorifamycin
(SY) 3-hydrazino-rifamycins
(HM) *RIFAMYCINS

hydrazinosuccinate see hydrazinosuccinic acid

hydrazinosuccinic acid
(SY) hydrazinosuccinate
(HM) *HYDRAZINES
(PA) ASPARTATE AMINOTRANSFERASE/antag

hydrazobenzene
(RN) 122-66-7
(RR) 38622-18-3 (cpd with unspecified diphenyl locants)
(SY) 1,2-diphenylhydrazine
(HM) *PHENYLHYDRAZINES
(NO) RN given refers to cpd with diphenyl locants in positions 1,2

hydrazoic acid
(RN) 7782-79-8
(HM) *AZIDES

hydriodic acid see hydroiodic acid

hydrobromic acid
(RN) 10035-10-6
(HM) *ACIDS

hydrochlorbuthiazide see butizide

hydrocortisone acetate
(RN) 53187-58-9
(RR) 1250-97-1 ((11alpha)-isomer)
(RR) 42061-37-0 (Na salt)
(RR) 61376-87-2 ((11beta,17alpha)-isomer)
(RR) 50-03-3 ((11beta)-isomer)
(RR) 88374-78-1 (mono-NH4 salt(11beta)-isomer)
(SY) cortisol 21-acetate
(SY) hydrocortisone 21-acetate
(SY) colifoam
(HM) HYDROCORTISONE/*analogs
(II) AEROSOLS
(II) HYDROCORTISONE, TOPICAL
(NO) RN given refers to cpd without isomeric designation

hydrocortisone 21-acetate see hydrocortisone acetate

hydrocortisone 17-butyrate 21-propionate
(RN) 72590-77-3
(HM) HYDROCORTISONE/*analogs
(PA) ANTI-INFLAMMATORY AGENTS, TOPICAL
(NO) RN given for (11beta)-isomer; structure in first source

hydrocortisone-17-butyrate
(RN) 13609-67-1
(SY) hydrocortisone 17-butyrate
(SY) locoid
(SY) cortisol 17-butyrate
(HM) HYDROCORTISONE/*analogs
(II) HYDROCORTISONE, TOPICAL
(II) DERMATOLOGIC AGENTS

hydrocortisone 17-butyrate see hydrocortisone-17-butyrate

hydrocortisone 21-glucuronate
(RN) 7301-54-4
(SY) cortisol-21-glucosiduronate
(HM) HYDROCORTISONE/*analogs

hydrocortisone hemisuccinate see cortisol succinate

hydrocortisone-21-lysinate
(RN) 95924-98-4
(HM) HYDROCORTISONE/*analogs
(NO) water soluble hydrocortisone prodrug

hydrocortisone 21-methanesulfonate see cortisol 21-mesylate

hydrocortisone 21-phosphate see cortisol 21-phosphate

hydrocortisone receptor
(SY) receptor, hydrocortisone
(SY) cortisol receptors
(SY) hydrocortisone receptors
(SY) hydrocortisone-receptor complex
(SY) HCTRPCX
(HM) *RECEPTORS, GLUCOCORTICOID
(II) HYDROCORTISONE

hydrocortisone-receptor complex see hydrocortisone receptor

hydrocortisone receptors see hydrocortisone receptor

hydrocortisone succinate see cortisol succinate

hydrocortisone valerate
(RN) 57524-89-7
(HM) HYDROCORTISONE/*analogs
(NO) used in treatment of atopic dermatitis; RN given refers to 11beta-isomer; structure in USAN

hydrodexan see alphaderm

hydrofluosilicic acid see hexafluorosilicic acid

Hydrogel
(RN) 25852-47-5
(SY) polyethylene glycol dimethacrylate
(HM) *POLYETHYLENE GLYCOLS
(II) CONTRACEPTIVE AGENTS, MALE

hydrogenated, ethoxylated castor oil see polyethoxylated castor oil

hydrogen carbonate see bicarbonate ion

hydrogen dehydrogenase
(RN) EC 1.12.1.2
(RR) 37256-54-5 (CRN)
(SY) hydrogen-NAD+ oxidoreductase
(SY) NAD-reducing hydrogenase
(HM) *OXIDOREDUCTASES

hydrogen,ferricytochrome C3 oxidoreductase see cytochrome c3 hydrogenase

hydrogen-NAD+ oxidoreductase see hydrogen dehydrogenase

hydrogen oxybromide see hypobromous acid

hydrogen potassium ATPase see potassium hydrogen ATPase

hydrogen selenide
(RN) 7783-07-5
(RR) 32819-55-9 (75Se-labeled cpd)
(SY) selane
(HM) *SELENIUM
(NO) RN given refers to parent cpd

hydrogen sulfite
(RN) 15181-46-1
(SY) bisulfite
(HM) *SULFITES

hydroiodic acid
(RN) 10034-85-2
(SY) hydriodic acid
(HM) *ACIDS

Hydron see Bionite

hydronium ion
(RN) 13968-08-6
(SY) H(3)O+
(HM) *ONIUM COMPOUNDS

hydroorotic acid see 4,5-dihydroorotic acid

hydroperoxidase II
(RN) EC 1.11.1.7
(RR) 9003-99-0 (CRN)
(SY) peroxidase
(SY) guaiacol peroxidase
(HM) *PEROXIDASES
(HM) *ISOENZYMES
(NO) isozyme of hydroperoxidase I; this was classified as EC 1.14.18.1 from 1972 to 1978; indexing includes isoenzymes

6-hydroperoxyandrost-4-ene-3,17-dione
(RN) 65179-39-7
(SY) 6-HPOA
(SY) 6 beta-hydroperoxyandrostenedione
(HM) ANDROSTENEDIONE/*analogs
(PA) AROMATASE/antag
(NO) substrate inhibitor of aromatase

20-hydroperoxycholesterol
(RN) 23653-01-2
(SY) cholesterol-20-hydroperoxide
(HM) CHOLESTEROL/*analogs
(NO) RN given refers to (3 beta)-isomer; RN for cpd without isomeric designation not in Chemline 7/29/83

7-hydroperoxycholesterol see cholesterol 7-hydroperoxide

4-hydroperoxycyclophosphamide
(RN) 39800-16-3
(HM) CYCLOPHOSPHAMIDE/*analogs

15-hydroperoxy-5,8,11,14,17-eicosapentaenoic acid
(SY) 15-HPEPE
(HM) 5,8,11,14,17-EICOSAPENTAENOIC ACID/*analogs
(NO) structure given in first source

12-L-hydroperoxy-5,8,10,14-eicosatetraenoic acid see 12-HPETE

15-hydroperoxy-5,8,11,13-eicosatetraenoic acid
(RN) 67675-14-3
(RR) 69371-38-6 ((E,Z,Z,Z)-isomer)
(RR) 70981-96-3 ((S-(E,Z,Z,Z))-isomer)
(RR) 73890-63-8 (S-(?,Z,Z,Z)-isomer)
(RR) 21290-17-5 (cpd with unspecified locant for peroxy group(all-Z)-isomer)
(SY) 15-HPEA
(SY) 15-HPETE
(SY) arachidonic acid 15-hydroperoxide
(SY) 15-hydroperoxy-5,8,11,14-eicosatetraenoic acid
(SY) 15-HPAA
(HM) *ARACHIDONIC ACIDS
(HM) *LIPID PEROXIDES
(PA) VASOCONSTRICTOR AGENTS
(NO) RN given refers to cpd without isomeric designation; (S-(E,Z,Z,Z))-isomer caused dose-dependent constriction of cat coronary arteries; structure in first source

15-hydroperoxy-5,8,11,14-eicosatetraenoic acid see 15-hydroperoxy-5,8,11,13-eicosatetraenoic acid

5-hydroperoxy-6,8,11,14-eicosatetraenoic acid see arachidonic acid 5-hydroperoxide

cis,trans-5-hydroperoxy-6,8,11,14-eicosatetraenoic acid see arachidonic acid 5-hydroperoxide

10-hydroperoxy-4-estrene-3,17-dione
(RN) 2135-57-1
(SY) 10 beta-hydroperoxy-4-estrene-3,17-dione
(SY) 10-HPED
(HM) *ESTRENES
(PA) AROMATASE/antag
(NO) RN & structure given in first source; RN not in Chemline 1/85; RN given refers to 10beta-isomer; RN for cpd without isomeric designation not available 1/85

12-hydroperoxy-5,8,10,14-eicosatetraenoic acid see 12-HPETE

hydroperoxyisophosphamide
(RN) 39800-28-7
(RR) 64858-36-2 ((cis)-isomer)
(RR) 59884-18-3 ((trans)-isomer)
(HM) IFOSFAMIDE/*analogs
(NO) RN given refers to parent cpd without isomeric designation

13-hydroperoxylinoleic acid
(RN) 34444-18-3
(SY) 13-HPLA
(HM) *LINOLEIC ACIDS
(PA) THIOLESTER HYDROLASES/antag
(NO) inhibits glyoxalase II; RN given refers to (?,Z)-isomer

13-hydroperoxylinolenic acid
(SY) linolenic acid hydroperoxide
(SY) linolenic (18-3) acid peroxide
(HM) *LINOLENIC ACIDS
(HM) *LIPID PEROXIDES

9-hydroperoxy-9-methylfluorene
(RN) 18774-09-9
(SY) 9-MF-OOH
(HM) *FLUORENES

10-hydroperoxy-7-methylnorethindrone 17- heptanoate
(SY) HPMN
(SY) 7 alpha-methylnorethindrone enanthate 10-beta-hydroperoxide
(HM) NORETHINDRONE/*analogs
(NO) structure given in first source

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3-hydroperoxy-3-methylphthalide
(RN) 90094-81-8
(SY) 3-HMP
(HM) *PHTHALIC ANHYDRIDES
(NO) structure in first source

13-hydroperoxy-9,11-octadecadienoic acid
(RN) 23017-93-8
(RR) 5502-90-9 ((Z,E)-isomer)
(SY) 13-HPOD
(HM) *LINOLEIC ACIDS
(NO) RN given refers to (E,Z)-isomer; RN for unspecified isomer not in Chemline 8/12/83

hydroprene see altozar

hydropyrimidine hydrase see dihydropyrimidinase

hydroquinidine
(RN) 1435-55-8
(RR) 40542-78-7 (di-HCl(3alpha,9S)-(+-)-isomer)
(RR) 40542-76-5 (di-HCl(1beta,4beta,3S)-(+-)-isomer)
(RR) 35251-69-5
(monosulfate(1beta,3alpha,4beta,9S)-isomer)
(RR) 26666-97-7 (monosulfate(+-)-isomer)
(RR) 1476-98-8 (mono-HCl)
(RR) 51743-68-1 ((8alpha,9S)-isomer)
(RR) 47342-33-6 ((1beta,3alpha,4beta,9S)-isomer)
(RR) 51049-34-4 ((1beta,4beta,9S)-(+-)-isomer)
(RR) 51049-33-3 ((3alpha,9S)-(+-)-isomer)
(RR) 26666-96-6 ((9S)-(+-)-isomer)
(RR) 57863-85-1 (sulfate(9S)-isomer)
(RR) 522-66-7 ((8alpha,9R)-isomer)
(RR) 57863-89-5 (sulfate)
(RR) 26852-57-3 (monosulfate)
(RR) 1668-97-9 (mono-HCl)
(RR) 47342-32-5
((1beta,3alpha,4beta,8alpha,9R)-isomer)
(RR) 23495-98-9 ((+-)-isomer)
(RR) 14645-32-0 ((9R)-isomer)
(RR) 35251-71-9
(monosulfate(1beta,3alpha,4beta,8alpha,9R)-isomer)
(RR) 26852-57-3 (monosulfate(+-)-isomer)
(SY) dihydroquinidine
(SY) hydroquinine
(SY) dihydroquinine
(HM) QUINIDINE/*analogs
(NO) urinary quinine metabolite; RN given refers to (9S)-isomer; RN for cpd without isomeric designation not in Chemline 8/9/83; structure in Merck Index, 9th ed, #4703

hydroquinine see hydroquinidine

hydroquinone
(RN) 123-31-9
(RR) 64887-62-3 (mono-Cu(2+) salt)
(RR) 62723-60-8 (Cu(1+) salt)
(RR) 57218-73-2 (Pb(2+)[2:1] salt)
(HM) *HYDROQUINONES
(NO) RN given refers to parent cpd; structure in Merck Index, 9th ed, #4705

hydroquinone methyl ether see 4-hydroxyanisole

hydroquinone monobenzyl ether see agerite alba

hydroquinone mono(hydrogen sulfate) see quinol sulfate

hydroquinone monomethyl ether see 4-hydroxyanisole

hydrosarpan 711 see Isosarpan

hydrotalcite
(RN) 12304-65-3
(HM) *MAGNESIUM HYDROXIDE
(HM) *ALUMINUM HYDROXIDE
(PA) ANTACIDS
(NO) a naturally occurring crystalline mineral; has also been prepared synthetically; composed of complex consisting of hydrated magnesium oxide, aluminum hydroxide & carbonates

hydrotestolactone see testololactone

hydrourushiol see 3-pentadecacatechol

hydroxamic acid carboxymethyl dextran see carboxymethyl dextran hydroxamate

hydroxide see hydroxide ion

hydroxide ion
(RN) 14280-30-9
(SY) OH-
(SY) hydroxide
(HM) *HYDROXIDES

12-hydroxy-abieta-6,8,12-trien-11,14-dione see 6,7-dehydroroyleanone

hydroxyacetaldehyde see glycolaldehyde

N-hydroxy-2-acetamidophenanthrene see N-hydroxy-2-acetylaminophenanthrene

N-hydroxyacetaminophen
(RN) 63975-21-3
(SY) N-hydroxyparacetamol
(HM) ACETAMINOPHEN/*analogs
(NO) structure

3-hydroxyacetanilide
(RN) 621-42-1
(HM) *ACETANILIDES
(PA) ANALGESICS

1-hydroxyacetone dehydrogenase see acetol dehydrogenase

4-hydroxyacetophenone
(RN) 99-93-4
(SY) 4-hydroxyacetophenone
(HM) *ACETOPHENONES
(NO) promotes secretion of bile & bile salts, which promotes griseofulvin absorption in the duodenum

4-hydroxyacetophenone see 4-hydroxyacetophenone

3-hydroxy-16-acetoxy-1,11,12-dolabell-4,8,18-triene
(SY) HADT
(SY) 3(S)-OH-16-Ac-1(R),11(S),12(R)-dolabell-4(E),8(E),18-triene
(HM) *DITERPENES
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(NO) isolated from Dictyota sp; structure given in first source

N-hydroxy-N-4-acetylaminobiphenyl see N-hydroxy-4-acetylaminobiphenyl

N-hydroxy-4-acetylaminobiphenyl
(RN) 4463-22-3
(SY) N-hydroxy-N-4-biphenylacetamide
(SY) N-hydroxy-N-4-acetylaminobiphenyl
(HM) *AMINOBIPHENYL COMPOUNDS
(PA) CARCINOGENS
(NO) structure

N-hydroxy-2-acetylaminofluorene N-O-acyltransferase
(RN) EC 2.3.1.-
(SY) N-OH-AAF N-O-acyltransferase
(SY) HAF-acyltransferase
(HM) *ACYLTRANSFERASES
(NO) from rat liver; forms non-mutagenic N-O-acetyl-2-acetylaminofluorene

N-hydroxy-2-acetylaminofluorene sulfotransferase
(RN) EC 2.8.2.-
(SY) HAF-sulfotransferase
(HM) *SULFURTRANSFERASES
(NO) from rat liver; forms non-mutagenic N-O-sulfo-2-acetylaminofluorene

N-hydroxy-2-acetylaminophenanthrene
(RN) 2438-51-9
(SY) N-hydroxy-2-acetamidophenanthrene
(HM) *PHENANTHRENES
(NO) structure

N-hydroxy-N'-acetylbenzidine
(RN) 71609-23-9
(SY) N-HABZ
(HM) *BENZIDINES
(PA) MUTAGENS

5-hydroxy-N-acetyltryptophan
(RN) 67010-10-0
(SY) 5-OHNAT
(HM) TRYPTOPHAN/*analogs
(NO) putative synthetic precursor of N-acetylserotonin

D-2-hydroxyacid dehydrogenase
(RN) EC 1.1.99.6
(RR) 9028-83-5 (CRN)
(SY) alpha-hydroxyacid dehydrogenase
(HM) *ALCOHOL OXIDOREDUCTASES
(NO) substrate may be a specific hydroxy acid; enzyme from Trypanosoma cruzi; uses NAD

L-3-hydroxyacid dehydrogenase see gulonate dehydrogenase

L-2-hydroxyacid oxidase
(RN) EC 1.1.3.15
(RR) 9037-63-2 (CRN)
(SY) L-alpha-hydroxy acid oxidase
(SY) lactate oxygen oxidoreductase
(HM) *ALCOHOL OXIDOREDUCTASES
(NO) consider also glycollate oxidase, EC 1.1.3.1; CAS RN in Chemline is 9037-63-2

hydroxyacid reductoisomerase see ketol-acid reductoisomerase

hydroxy acivicin see U-43,795

4-hydroxyacivicin see U-43,795

2-hydroxyaclacinomycin A
(RN) 79127-36-9
(HM) NAPHTHACENES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) structure in first source

3-hydroxyacyl Coa epimerase see 3-hydroxylacyl CoA epimerase

hydroxyacylglutathione hydrolase
(RN) EC 3.1.2.6
(RR) 9025-90-5 (CRN)
(SY) glyoxalase II
(SY) acetoacetylglutathione hydrolase
(HM) *THIOLESTER HYDROLASES

N-hydroxyadenine see 6-N-hydroxylaminopurine

8-hydroxyadenine
(RN) 21149-26-8
(HM) ADENINE/*analogs
(NO) xanthine oxidase reacted adenine metabolite in epidermis of hairless mice; structure

3-hydroxyadipic acid
(RN) 14292-29-6
(HM) *ADIPIC ACIDS
(NO) found in urine of ketotic patients

4-hydroxyaflatoxicol see aflatoxicol M1

1-hydroxyaklavinone see epsilon-pyrromycinone

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2-hydroxyalantolactone
(HM) *SESQUITERPENES
(PA) ANTI-INFECTIVE AGENTS
(II) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(NO) from Francoeuria crispa, used in Saudi folk medicine; structure given in first source

hydroxyallysine
(RN) 30382-02-6
(HM) *2-AMINOADIPIC ACID/analogs

(15S)-hydroxy-9 alpha,11 alpha-azoprosta-5Z,13E- dienoic acid see azo analog II

(15S)-hydroxy-11 alpha,9 alpha-(epoxymethano)prosta- 5Z, 13E-dienoic acid see 15-hydroxy-11 alpha,9 alpha-(epoxymethano)prosta-5,13- dienoic acid

(15S)hydroxy-9alpha,11alpha-(epoxymethano)prosta-5,13-dienoic acid see prostaglandin H2

15-hydroxy-11 alpha,9 alpha-(epoxymethano)prosta-5,13-dienoic acid
(RN) 76898-47-0
(RR) 56985-40-1 (1R-(1alpha,4alpha,5beta(Z),6alpha(1E,3S*)))-isomer)
(RR) 87421-95-2 (1R-(1alpha,4alpha,5beta(Z),6alpha(1E,3R*)))-isomer)
(RR) 72580-47-3 (1alpha,4alpha,5beta(Z),6alpha(1E,3S*))-(+-)-isomer)
(SY) 11,9-epoxymethano-PGH2
(SY) U-46619
(SY) (15S)-hydroxy-11 alpha,9 alpha-(epoxymethano) prosta-5Z, 13E-dienoic acid
(SY) U 46619
(HM) *PROSTAGLANDIN ENDOPEROXIDES, SYNTHETIC
(NO) endoperoxide analog; potent vasoconstrictor in dog kidney; mimics natural endoperoxide; structure in UD 29:73c; do not confuse with 9,11-epoxymethano cpd; RN given refers to cpd without isomeric designation

4-hydroxy-alpha-cyanocinnamate see alpha-cyano-4-hydroxycinnamate

9-hydroxy-alpha-naphthoflavone
(RN) 78729-83-6
(HM) *BENZOFLAVONES
(NO) metabolite of alpha-naphthoflavone

21-hydroxy-5 alpha-pregnane-3,20-dione see 5 alpha-dihydro-11-deoxycorticosterone

p-hydroxyalprenolol glucuronide see 4-hydroxyalprenolol glucuronide

4-hydroxyalprenolol glucuronide
(RN) 70359-54-5
(SY) 4-HOAG
(SY) p-hydroxyalprenolol glucuronide
(HM) ALPRENOLOL/*analogs

N-hydroxy-4-aminoazobenzene
(RN) 6530-27-4
(RR) 78172-53-9 (mono-HCl)
(HM) *P-AMINOAZOBENZENE/analogs
(PA) MUTAGENS
(NO) RN given refers to parent cpd

N-hydroxy-4-aminobiphenyl
(RN) 6810-26-0
(HM) *AMINOBIPHENYL COMPOUNDS

(5S,6R,7E,11Z,14Z)-5-hydroxy-6-((2R-amino-2-carboxyethyl)thio)-7,9,11,14-eicosatetraenoic acid see leukotriene E

N-hydroxy-2-aminofluorene
(RN) 53-94-1
(SY) N-2-hydroxyaminofluorene
(HM) *FLUORENES
(PA) MUTAGENS
(PA) CARCINOGENS
(NO) structure

N-2-hydroxyaminofluorene see N-hydroxy-2-aminofluorene

1-((2-hydroxy-1-(aminomethyl)ethoxy) methyl)-5-benzyluracil
(RN) 96328-45-9
(SY) AHPBU
(HM) URACIL/*analogs
(PA) URIDINE PHOSPHORYLASE/antag
(PA) ANTINEOPLASTIC AGENTS
(NO) structure given in first source

3-hydroxyamino-1-methyl-5H-pyrido(4,3-b) indole
(RN) 74317-45-6
(SY) N-OH-Trp-P-2
(SY) N-hydroxy-Trp-P-2
(HM) *CARBOLINES
(NO) active metabolite of potent mutagen Trp-P-2

2-hydroxyaminomisonidazole
(RN) 78524-63-7
(SY) 2-OHNHM
(HM) MISONIDAZOLE/*analogs
(NO) metabolite of misonidazole

1-hydroxy-2-amino-3-oxo-octadecane see ketodihydrosphingosine

N(6)-hydroxyaminopurine see 6-N-hydroxylaminopurine

1-hydroxy-3-amino-2-pyrrolidone see HA-966

7-(hydroxyamino)-5,8-quinolinedione
(SY) 7-HAQD
(HM) *AMINOQUINOLINES
(PA) ANTINEOPLASTIC AGENTS
(NO) structure given in first source

10-hydroxyamitriptyline
(RN) 1159-82-6
(RR) 72402-20-1 ((Z)-isomer)
(RR) 64520-05-4 ((E)-isomer)
(HM) AMITRIPTYLINE/*analogs
(NO) metabolite of amitryptyline; RN given refers to parent cpd without isomeric designation

7-hydroxyamoxapine
(RN) 37081-76-8
(HM) *AMOXAPINE/analogs
(NO) metaboiite of amoxapine

8-hydroxyamoxapine
(RN) 61443-78-5
(HM) *AMOXAPINE/analogs
(NO) active metabolite of amoxapine

N-hydroxyamphetamine
(RN) 63-90-1
(RR) 57237-13-5 ((R)-isomer)
(RR) 57237-12-4 ((S)-isomer)
(RR) 17895-20-4 ((+-)-isomer)
(RR) 4490-17-9 (HCl)
(RR) 57204-71-4 (oxalate[2:1](+-)-isomer)
(HM) *AMPHETAMINES
(NO) metabolite of amphetamine; structure; RN given refers to cpd without isomeric designation

12-hydroxyandrosta-1,4-diene-3,17-dione
(RN) 28840-96-2
(SY) 12-OHDD
(HM) ANDROSTENEDIONE/*analogs
(NO) structure given in first source

3-hydroxyandrosta-5,7-dien-17-one
(RN) 2691-68-1
(SY) 3 beta-hydroxyandrosta-5,7-dien-17-one
(SY) 3 beta-hydroxy-5,7-androstadien-17-one
(SY) 3-BHADO
(HM) *ANDROSTADIENES
(NO) endogenous steroid in fetal horse gonad; RN given refers to (3beta)-isomer; RN for cpd without isomeric designation not in Chemline 11/30/83; structure given in first source

3-hydroxy-5-androstan-17-yl-glucopyranosiduronic acid see androstane-3,17-diol glucuronide

16-hydroxyandrost-4-en-3,17-dione
(RN) 5746-45-2
(RR) 59685-30-2 ((16beta)-isomer)
(RR) 63-02-5 ((16alpha)-isomer)
(SY) 16 alpha-hydroxyandrost-4-en-3,17-dione
(HM) ANDROSTENEDIONE/*analogs
(NO) RN given refers to cpd without isomeric designation; structure

11-hydroxyandrostenedione
(RN) 564-32-9
(RR) 564-33-0 ((11alpha)-isomer)
(RR) 6141-38-4 ((9beta,10alpha,11alpha)-isomer)
(RR) 10007-40-6 ((9beta,10alpha,11beta)-isomer)
(RR) 382-44-5 ((11beta)-isomer)
(SY) 11 beta-hydroxyandrostenedione
(HM) ANDROSTENEDIONE/*analogs
(NO) RN given refers to cpd without isomeric designation

18-hydroxy-4-androstene-3,17-dione
(RN) 7121-60-0
(SY) 18-OHA
(HM) ANDROSTENEDIONE/*analogs
(NO) structure given in first source

19-hydroxy-4-androstene-3,17-dione
(RN) 510-64-5
(RR) 82183-65-1 (18O-labeled cpd)
(SY) 19-hydroxyandrost-4-ene-3,17-dione
(SY) 19-HAED
(HM) ANDROSTENEDIONE/*analogs

19-hydroxyandrost-4-ene-3,17-dione see 19-hydroxy-4-androstene-3,17-dione

4-hydroxyandrostenedione see 4-hydroxy-4-androstene-3,17-dione

4-hydroxyandrostene-3,17-dione see 4-hydroxy-4-androstene-3,17-dione

4-hydroxy-4-androstene-3,17-dione
(RN) 566-48-3
(SY) 4-hydroxyandrostene-3,17-dione
(SY) 4-hydroxyandrostenedione
(HM) ANDROSTENEDIONE/*analogs

6-hydroxy-4-androstene-3,17-dione
(RN) 63-00-3
(RR) 72747-99-0 ((6 beta,9 beta,10 alpha)-isomer)
(RR) 24704-84-5 ((6 alpha)-isomer)
(SY) 6 beta-hydroxy-4-androstene-3,17-dione
(HM) ANDROSTENEDIONE/*analogs
(NO) (6 beta)-isomer amplifies kaliuretic action of aldosterone; RN given refers to (6 beta)-isomer

hydroxyaniline mustard
(RN) 1204-69-9
(RR) 21667-04-9 (HBr)
(RR) 1457-06-3 (HCl)
(SY) p-(di-2-chloroethyl)aminophenol
(SY) 4-N,N-bis(2-chloroethyl)aminophenol
(HM) *ANILINE MUSTARD/analogs
(PA) ANTINEOPLASTIC AGENTS
(NO) structure; RN given refers to parent cpd

4-hydroxyaniline see 4-aminophenol

4-hydroxyanisole
(RN) 150-76-5
(RR) 1122-95-8 (Na salt)
(RR) 1122-93-6 (K salt)
(SY) 4-methoxyphenol
(SY) hydroquinone monomethyl ether
(SY) hydroquinone methyl ether
(SY) para-methoxyphenol
(SY) mequinol
(SY) Leucodinine B
(HM) *ANISOLES
(NO) RN given refers to parent cpd

3-hydroxyanthranilic acid oxidase
(RN) EC 1.10.3.5
(RR) 37256-53-4 (CRN)
(HM) *OXIDOREDUCTASES
(NO) catalyzes the oxidation of 3-hydroxyanthranilate to 1,2-benzoquinoneimine-3-carboxylate in presence of molecular oxygen

3-(3-hydroxyanthraniloyl)alanine see 3-hydroxykynurenine

4-hydroxyantipyrine
(RN) 1672-63-5
(HM) ANTIPYRINE/*analogs
(NO) metabolite of antipyrine; structure in third source

hydroxyapatite
(RN) 1306-06-5
(SY) hydroxylapatite
(SY) calcium hydroxyapatite
(SY) carbonate calcium hydroxyapatite
(SY) ossopan
(SY) oscine-mineral complex
(HM) *HYDROXYAPATITES
(NO) RN given refers to hydroxylapatite which is synonymous with calcium hydroxylapatite

5-hydroxyarachidic acid
(SY) 5-hydroxyeicosanoic acid
(HM) *EICOSANOIC ACIDS

N(5)-hydroxy-L-arginine
(RN) 42599-90-6
(HM) ARGININE/*analogs
(PA) ANTIMETABOLITES
(PA) ANTIBIOTICS
(NO) structure

3-hydroxyaspartic acid
(RN) 1860-87-3
(RR) 7298-99-9 ((threo-L)-isomer)
(RR) 1186-90-9 ((erythro)-isomer)
(RR) 7298-98-8 ((erythro-L)-isomer)
(RR) 6532-76-9 ((erythro-DL)-isomer)
(RR) 5753-30-0 ((erythro-D)-isomer)
(RR) 4294-45-5 ((threo-DL)-isomer)
(SY) DL-threo-3-hydroxyaspartic acid
(SY) L-threo-beta-hydroxyaspartic acid
(SY) beta-hydroxyaspartic acid
(SY) erythro-beta-hydroxyaspartic acid
(HM) ASPARTIC ACID/analogs
(PA) ANTIBIOTICS
(NO) RN given refers to cpd without isomeric designation

DL-threo-3-hydroxyaspartic acid see 3-hydroxyaspartic acid

6-hydroxyazapropazone
(RN) 35306-78-6
(SY) 8-hydroxyazapropazone
(HM) *APAZONE/analogs
(NO) structure given in first source

8-hydroxyazapropazone see 6-hydroxyazapropazone

2-(4'-hydroxyazobenzene)benzoic acid
(RN) 29533-13-9
(HM) *AZO COMPOUNDS
(II) INDICATORS AND REAGENTS

15-hydroxy-9,11-azoprostanoid see azo analog II

4-hydroxybaumycinol A1 see rubeomycin B

4-hydroxybaumycinol A2 see rubeomycin B

4-hydroxybenzaldehyde
(RN) 123-08-0
(SY) para-hydroxybenzaldehyde
(HM) *BENZALDEHYDES

2-(4'-hydroxybenzene)azobenzoic acid see HABA

p-hydroxybenzoate see 4-hydroxybenzoic acid

3-hydroxybenzoate-4-hydroxylase see 3-hydroxybenzoate-4-monooxygenase

m-hydroxybenzoate-4-hydroxylase see 3-hydroxybenzoate-4-monooxygenase

3-hydroxybenzoate-4-monooxygenase
(RN) EC 1.14.99.13
(SY) m-hydroxybenzoate-4-hydroxylase
(SY) 3-hydroxybenzoate-4-hydroxylase
(HM) *HYDROXYLASES

4-hydroxybenzoate octaprenyltransferase see 4-hydroxybenzoate polyprenyltransferase

4-hydroxybenzoate polyprenyltransferase
(RN) EC 2.5.1.-
(SY) 4-hydroxybenzoate octaprenyltransferase
(SY) polyprenyl pyrophosphate-p-hydroxybenzoate polyprenyltransferase
(SY) para-hydroxybenzoate polyprenyltransferase
(SY) 4-OHB-PP-transferase
(HM) *TRANSFERASES

p-hydroxybenzoic acid ethyl ester see ethyl-p-hydroxybenzoate

4-hydroxybenzoic acid hydrazide
(RN) 5351-23-5
(SY) para-hydroxybenzoic acid hydrazide
(SY) 4-hydroxybenzoylhydrazine
(HM) *HYDROXYBENZOIC ACIDS
(II) INDICATORS AND REAGENTS

4-hydroxybenzoic acid methyl ester see methylparaben

p-hydroxybenzoic acid (5-nitrofurfurylidene)hydrazide see nifuroxazide

p-hydroxybenzoic acid propyl ester see propylparaben

4-hydroxybenzoic acid propyl ester see propylparaben

3-hydroxybenzoic acid
(RN) 99-06-9
(RR) 7720-19-6 (mono-Na salt)
(RR) 64887-57-6 (Cu(2+)[1:1]salt)
(SY) 3-hydroxybenzoic acid
(SY) sodium 3-hydroxybenzoic acid
(HM) *HYDROXYBENZOIC ACIDS
(NO) RN given refers to parent cpd

3-hydroxybenzoic acid see 3-hydroxybenzoic acid

4-hydroxybenzoic acid
(RN) 99-96-7
(RR) 64887-56-5 (Cu(2+)[1:1] salt)
(RR) 50961-19-8 (11C-labeled cpd mono-Na salt)
(RR) 52009-48-0 (unspecified Ca salt)
(RR) 38970-77-3 (di-Li salt)
(RR) 16782-08-4 (mono-K salt)
(RR) 13639-20-8 (di-K salt)
(RR) 114-63-6 (mono-Na salt)
(RR) 13639-23-1 (di-Na sat)
(SY) para-hydroxybenzoic acid
(SY) p-hydroxybenzoate
(HM) *HYDROXYBENZOIC ACIDS
(NO) RN given refers to parent cpd

9-hydroxybenzo(a)pyrene-4,5-epoxide
(SY) 9-hydroxybenzo(a)pyrene-4,5-oxide
(SY) 9-OH-BaP-4,5-oxide
(HM) *BENZOPYRENES

9-hydroxybenzo(a)pyrene-4,5-oxide see 9-hydroxybenzo(a)pyrene-4,5-epoxide

3-hydroxybenzo(a)pyrene
(RN) 13345-21-6
(RR) 58065-06-8 (3H-labeled cpd)
(SY) 3-OH-BP
(SY) benzo(a)pyren-3-ol
(HM) *BENZOPYRENES
(NO) RN given refers to unlabeled parent cpd

9-hydroxybenzo(a)pyrene
(RN) 17573-21-6
(RR) 58065-08-0 (3H-labeled cpd)
(HM) *BENZOPYRENES
(NO) RN given refers to unlabeled parent cpd

1-hydroxybenzotriazole
(RN) 2592-95-2
(RR) 63307-62-0 (NH4 salt)
(RR) 40150-21-8 (Na salt)
(HM) *TRIAZOLES
(NO) RN given refers to parent cpd

6-hydroxy-1,3(2H)-benzoxathiol-2-one see thioxolone

4-hydroxybenzoylcholine
(RN) 5094-31-5
(SY) para-hydroxybenzoylcholine
(SY) parabens-choline
(HM) BENZOYLCHOLINE/*analogs

3'-hydroxybenzoylecgonine methyl ester see 3'-hydroxycocaine

4'-hydroxybenzoylecgonine methyl ester see 4'-hydroxycocaine

o-hydroxybenzoylglycine see salicylurate

2-hydroxybenzoylglycine see salicylurate

4-hydroxybenzoylhydrazine see 4-hydroxybenzoic acid hydrazide

p-hydroxybenzyl alcohol see 4-hydroxybenzyl alcohol

m-hydroxybenzylalcohol dehydrogenase see 3-hydroxybenzyl-alcohol dehydrogenase

3-hydroxybenzyl-alcohol dehydrogenase
(RN) EC 1.1.1.97
(SY) m-hydroxybenzylalcohol dehydrogenase
(HM) *ALCOHOL OXIDOREDUCTASES

4-hydroxybenzyl alcohol
(RN) 623-05-2
(SY) p-hydroxybenzyl alcohol
(HM) *BENZYL ALCOHOLS

2-hydroxybenzylamine see 2-(aminomethyl)phenol

2-hydroxybenzylbenzimidazole
(RN) 50-97-5
(RR) 134-66-7 ((+-)-isomer)
(RR) 148-38-9 ((R)-isomer)
(RR) 3198-05-8 (HCl(R)-isomer)
(RR) 37975-24-9 (HCl(+-)-isomer)
(HM) *BENZIMIDAZOLES
(NO) RN given refers to cpd without isomeric designation

1-(p-hydroxybenzyl)-6,7-dihydroxy-1,2,3,4-tetrahydroisoquinoline see higenamine

m-hydroxybenzylhydrazine see NSD 1015

3-hydroxybenzylhydrazine see NSD 1015

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5(4'-hydroxybenzylidenoimino)-3-methylisothiazolo(5,4-d)pyrimidine-(7H)-4,6-dione see IP 10

hydroxybenzylisoprenaline see hydroxybenzylisoproterenol

hydroxybenzylisoproterenol
(RN) 64532-93-0
(SY) hydroxybenzylisoprenaline
(HM) ISOPROTERENOL/*analogs

6-(1-hydroxy)benzylpenicillanic acid S,S-dioxide
(RN) 78494-75-4
(RR) 78494-74-3 ((2S-(2alpha,5alpha,6beta(S*))-isomer)
(SY) OHBPSO
(HM) *PENICILLANIC ACIDS
(PA) BETA LACTAMASES/antag
(NO) structure given in first source; RN given refers to (2S-(2alpha,5alpha,6beta(R*)-isomer; RN for cpd without isomeric designation not available 6/85

4-hydroxybenzylpenicillin see penicillin X

hydroxybenzylpindolol
(RN) 69925-27-5
(RR) 79561-59-4 (mono-HCl(+-)-isomer)
(RR) 77738-88-6 ((+)-isomer)
(RR) 69507-28-4 ((-)-isomer)
(RR) 54592-28-8 ((+-)-isomer)
(HM) PINDOLOL/*analogs
(NO) structure; RN given refers to cpd without isomeric designation

21-hydroxy-9beta,10alpha-pregna-5,7-diene-3-ol-20-one
(RN) 86416-32-2
(SY) metabolite M
(HM) DYDROGESTERONE/*analogs
(NO) metabolite of dydrogesterone isolated from urine of rhesus monkey

3-hydroxy-17 beta-(4-nitrophenyldithio)-1,3,5(10)-estratriene see
3-hydroxy-17-(4-nitrophenyldithio)-1,3,5(10)- estratriene

21-hydroxy-11 beta,18-oxido-4-pregnene-3,20-dione see 18-deoxyaldosterone

4-hydroxy-1 beta-D-ribofuranosylpyrazolo(3,4-d) pyrimidine see allopurinol riboside

N-hydroxy-N-4-biphenylacetamide see
N-hydroxy-4-acetylaminobiphenyl

4-hydroxybiphenyl-O-sulfonic acid
(RN) 2113-68-0
(RR) 2217-82-5 (Na salt)
(SY) HBPSA
(HM) *BIPHENYL COMPOUNDS

2-hydroxybiphenyl see 2-phenylphenol

4-hydroxybiphenyl see 4-phenylphenol

1-hydroxy-5,8-bis(2-((2-hydroxyethyl) amino)ethylamino)-9,10-anthracenedione
(RN) 80189-44-2
(SY) MHAQ
(HM) *ANTHRAQUINONES
(PA) ANTINEOPLASTIC AGENTS
(NO) structure given in first source

N-(2-hydroxy-1,1-bis(hydroxymethyl)ethyl)glycine see tricine

9-hydroxy-19,20-bisnorprostanoic acid
(RN) 82598-17-2
(RR) 65376-38-7 (mono-Na salt(1S-(1alpha,2beta,5beta))-isomer)
(RR) 56695-66-0 (mono-Na salt)
(SY) IBI-C83
(SY) C 83
(SY) C-83
(SY) C83
(SY) rosaprostol
(HM) *PROSTANOIC ACIDS
(PA) ANTI-ULCER AGENTS
(PA) EXPECTORANTS
(II) *PROSTAGLANDINS, SYNTHETIC
(NO) structure given in first source; RN given refers to parent cpd without isomeric designation

3-hydroxybromazepam
(RN) 13132-73-5
(HM) *BROMAZEPAM/analogs
(NO) bromazepam metabolite; structure given in first source

3-hydroxy-1,2,3-butanetricarboxylate see
threo-alpha-methylisocitrate

4-hydroxy-2-butenoic acid
(RN) 4013-24-5
(RR) 82744-23-8 ((Z)-isomer)
(RR) 24587-49-3 ((E)-isomer)
(HM) *HYDROXYBUTYRATES
(NO) structure given in first source; RN given refers to cpd without isomeric designation

4'-hydroxybutobarbitone
(RN) 82168-60-3
(HM) *BUTABARBITAL/analogs
(NO) structure given in first source

3-hydroxybutorphanol
(RN) 75195-49-2
(RR) 75247-12-0 ((cis)-isomer)
(HM) *BUTORPHANOL/analogs
(NO) butorphanol metabolite; RN given refers to (trans)-isomer; RN for cpd without isomeric designation not in Chemline 4/84

DL-8-(2'-hydroxy-3'-t-butylaminopropyloxy)thiochroman. HCl see tertatolol

L-3-hydroxybutyl-CoA ligase see butyryl-CoA synthetase

9-(4-hydroxybutyl)guanine
(RN) 23169-37-1
(HM) ACYCLOVIR/*analogs
(PA) ANTIVIRAL AGENTS

4-hydroxy-6-((1-butyl)heptyl)-2H-pyran-2- one
(RN) 90632-46-5
(SY) 4-OH-BHPO
(HM) *PYRONES
(PA) PANCREATOPEPTIDASE/antag
(NO) structure given in first source

4-hydroxybutyl-(2-propenyl)nitrosamine
(RN) 61424-17-7
(SY) HBPN
(HM) *NITROSAMINES
(PA) CARCINOGENS
(NO) formed during nitrosation of spermidine; structure given in first source

2-hydroxy-3-butynoic acid
(RN) 40027-75-6
(SY) alpha-hydroxybutynoate
(HM) *HYDROXYBUTYRATES
(NO) irreversible inhibitor of D-lactate dehydrogenase; structure

2-hydroxybutyrate dehydrogenase
(RN) EC 1.1.1.-
(SY) alpha-hydroxybutyrate dehydrogenase
(HM) *HYDROXYBUTYRATE DEHYDROGENASE

4-hydroxybutyrate dehydrogenase
(RN) EC 1.1.1.61
(SY) gamma-hydroxybutyrate dehydrogenase
(SY) succinic semialdehyde reductase
(SY) succinic semialdehyde dehydrogenase
(HM) *HYDROXYBUTYRATE DEHYDROGENASE

3-hydroxybutyrate see 3-hydroxybutyric acid

4-hydroxybutyric acid receptor
(SY) receptor, 4-hydroxybutyric acid
(SY) gamma-hydroxybutyric acid receptors
(SY) receptor, sodium oxybate
(HM) *RECEPTORS, GABA-BENZODIAZEPINE
(II) SODIUM OXYBATE

2-hydroxybutyric acid
(RN) 565-70-8
(RR) 600-15-7 ((+-)-isomer)
(RR) 5094-24-6 (mono-Na salt)
(RR) 19054-57-0 (mono-Na salt(+-)-isomer)
(RR) 20016-85-7 ((R)-isomer)
(SY) alpha-hydroxybutyrate
(HM) *HYDROXYBUTYRATES
(NO) RN given refers to cpd without isomeric designation

3-hydroxybutyric acid
(RN) 300-85-6
(RR) 150-83-4 (Na salt)
(RR) 13613-65-5 (Na salt(D)-isomer)
(RR) 306-31-0 (Na salt(DL)-isomer)
(RR) 3545-27-5 (K salt(DL)-isomer)
(RR) 6168-83-8 ((L)-isomer)
(RR) 625-72-9 ((D)-isomer)
(RR) 625-71-8 ((DL)-isomer)
(SY) beta-hydroxybutyric acid
(SY) 3-hydroxybutyrate
(SY) beta-hydroxybutyrate
(HM) *HYDROXYBUTYRATES
(NO) RN given refers to cpd without isomeric designation; structure

10-hydroxycamptothecin
(RN) 67656-30-8
(HM) CAMPTOTHECIN/*analogs
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC

5-hydroxycaproate see 5-hydroxyhexanoic acid

3-hydroxycaproic acid see 3-hydroxyhexanoic acid

5-hydroxycaproic acid see 5-hydroxyhexanoic acid

hydroxycarbamic acid ethyl ester see N-hydroxyurethane

3-hydroxycarbofuran
(RN) 16655-82-6
(HM) *HEPATITIS ANTIBODIES
(NO) main metabolite of carbofuran

2-hydroxy-5-carbomethoxybenzyloxyamine
(RN) 38573-39-6
(RR) 50275-53-1 (HCl)
(SY) GYKI 11.121
(HM) *PARABENS
(PA) CARBOXY-LYASES/antag
(PA) HISTIDINE DECARBOXYLASE/antag
(NO) histidine decarboxylase inhibitor; RN given refers to parent cpd; structure

4-(hydroxycarbophenyl)retinamide see
N-(4-carboxyphenyl)retinamide

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(3-(N-hydroxy)carboxamido-2-benzylpropanoyl)alanine see kelatorphan

(3-(N-hydroxy)carboxamido-2-benzylpropanoyl)glycine
(SY) HCBP-Gly
(HM) *DIPEPTIDES

4-hydroxy-4-carboxy-3-benzylthiazolidin- 2-thione
(RN) 85136-73-8
(SY) 4-HCBTT
(HM) *THIAZOLES
(NO) cyclic metabolite of benzylisothiocyanate; structure given in first source

2-hydroxy-4-carboxybutyryl-His-Pro-NH2 see 2-hydroxy-4-carboxybutyrylhistidylprolinamide

2-hydroxy-4-carboxybutyrylhistidylprolinamide
(RN) 83437-32-5
(SY) 2-hydroxy-4-carboxybutyryl-His-Pro-NH2
(SY) DN-COOH
(HM) THYROTROPIN RELEASING HORMONE/*analogs
(NO) structure given in first source

S-(2-hydroxy-2-carboxyethylthio)cysteine see beta-mercaptolactate cysteine disulfide

(5-hydroxycarvacryl)trimethylammonium chloride 1-piperidinecarboxylate see AMO-1618

4-hydroxy-CCNU
(RN) 56239-24-8
(RR) 5204926-0 ((cis)-isomer)
(SY) 1-(2-chloroethyl)-3-(4-hydroxycylcohexyl)-1-nitrosourea
(HM) LOMUSTINE/*analogs
(NO) RN given refers to (trans)-isomer; RN for cpd without isomeric designation not in Chemline 5/84

hydroxychlorobiphenyls see chlorobiphenylols

3-hydroxy-5-(o-chlorophenyl)-7-chloro-1,2-dihydro-2H-pyrido(3,2-e)-1,4-diazepin-2-one see lopirazepam

7-hydroxychlorpromazine
(RN) 2095-62-7
(RR) 51938-11-5 (mono-HCl)
(HM) CHLORPROMAZINE/*analogs
(NO) RN given refers to parent cpd

6-hydroxychlorzoxazone
(RN) 1750-45-4
(HM) *CHLORZOXAZONE/analogs
(NO) chlorzoxazone metabolite in humans

1-hydroxycholecalciferol 25-hydroxylase see 1-hydroxyvitamin D3 25-hydroxylase

25-hydroxycholecalciferol-24-hydroxylase
(RN) EC 1.14.99.-
(SY) 25-hydroxyvitamin D(3)-24-hydroxylase
(SY) 25-hydroxyvitamin D(3)-24R-hydroxylase
(SY) 25-HC-24-hydroxylase
(HM) *STEROID HYDROXYLASES
(NO) cytochrome P-450 monooxygenase system

25-hydroxycholecalciferol-26,23-lactone see calcifediol lactone

25-hydroxycholecalciferol-10-one see 10-keto-25-hydroxyvitamin D3

25-hydroxycholecalciferol 23,26-peroxylactone see 25-hydroxyvitamin D3-26,23-peroxylactone

25-hydroxycholecalciferol receptors see 25-hydroxycholecalciferol receptor

25-hydroxycholecalciferol receptor
(SY) 25-hydroxyvitamin D3 receptor
(SY) 25-hydroxycholecalciferol receptors
(SY) receptor, 25-hydroxycholecalciferol
(HM) *RECEPTORS, STEROID
(II) CALCIFEDIOL

(25R)-26-hydroxycholecalciferol see 26-hydroxycholecalciferol

(25S)-26-hydroxycholecalciferol see 26-hydroxycholecalciferol

26-hydroxycholecalciferol
(RN) 69556-15-6
(RR) 69556-16-7 ((3 beta,5Z,7E,25S)-isomer)
(SY) (25R)-26-hydroxycholecalciferol
(SY) (25S)-26-hydroxycholecalciferol
(SY) 26-hydroxyvitamin D3
(HM) *HYDROXYCHOLECALCIFEROLS
(NO) RN given refers to (25R)-isomer; RN for cpd without isomeric designation not in Cheline 8/9/83

3-hydroxy-5-cholen-24-oic acid 3-sulfate ester
(RN) 67030-47-1
(SY) OHCOS
(HM) *CHOLIC ACIDS
(NO) RN given refers to (3beta)-isomer; RN for cpd without isomeric designation not in Chemline 9/85; structure given in first source

3-hydroxy-6-cholen-24-oic acid
(SY) delta(6)-lithocholenic acid
(SY) 3 alpha-hydroxy-5 beta-6-cholen-24-oic acid
(HM) LITHOCHOLIC ACID/*analogs
(NO) structure given in first source

hydroxycholesterol-binding proteins
(SY) 25-HCBP
(SY) 25-hydroxycholesterol binding protein
(SY) 25-hydroxycholesterol-binding protein
(HM) *CARRIER PROTEINS
(II) HYDROXYCHOLESTEROLS

25-hydroxycholesterol binding protein see hydroxycholesterol-binding proteins

25-hydroxycholesterol-binding protein see hydroxycholesterol-binding proteins

7-hydroxycholesterol-3,7-bis (hemisuccinate)
(SY) 7 beta-hydroxycholesterol-3,7-bis(hemisuccinate)
(SY) 7-HC-BHS
(HM) *HYDROXYCHOLESTEROLS

7-hydroxycholesterol-12-hydroxylase
(RN) EC 1.14.99.-
(SY) 5 beta-cholestane-3 alpha,7 alpha-diol-12 alpha-hydroxylase
(HM) *STEROID-12-HYDROXYLASE
(NO) cytochrome P-450 enzyme

20-hydroxycholesterol
(RN) 516-72-3
(RR) 7484-22-2 (20R-hydroxycholesterol)
(RR) 29913-75-5 ((3beta,20 xi)-isomer)
(RR) 23280-36-6 (3H-labeled cpd(3beta,20 xi)-isomer)
(SY) (20S)-20-hydroxycholesterol
(SY) (20S)-cholest-5-ene-3 beta,20-diol
(SY) 20 alpha-hydroxycholesterol
(SY) 20alpha-hydroxycholesterol
(HM) *HYDROXYCHOLESTEROLS
(NO) RN given refers to (20S)-isomer

(20S)-20-hydroxycholesterol see 20-hydroxycholesterol

22-hydroxycholesterol
(RN) 17711-16-9
(RR) 59532-45-5 ((3beta,20R,22S)-isomer)
(RR) 59532-44-4 ((3beta,20R,22R)-isomer)
(RR) 22348-64-7 ((3beta,22S)-isomer)
(RR) 17954-98-2 ((3beta,22R)-isomer)
(SY) (22R)-22-hydroxycholesterol
(SY) 22S-hydroxycholesterol
(HM) *HYDROXYCHOLESTEROLS
(NO) RN given refers to cpd without isomeric designation

(22R)-22-hydroxycholesterol see 22-hydroxycholesterol

22S-hydroxycholesterol see 22-hydroxycholesterol

24-hydroxycholesterol
(RN) 474-73-7
(SY) cerebrosterol
(SY) cholest-5-ene-3,24-diol
(HM) *HYDROXYCHOLESTEROLS
(NO) from bovine adrenals

25-hydroxycholesterol
(RN) 2140-46-7
(RR) 53176-99-1 ((3beta,20S)-isomer)
(RR) 23656-60-2 (26-(14)C-labeled cpd (3beta)-isomer)
(HM) *HYDROXYCHOLESTEROLS
(NO) structure; RN given refers to cpd without isomeric designation

26-hydroxycholesterol see cholest-5-ene-3 beta,26-diol

9-hydroxychrysene-1,2-dihydro-1,2-diol see 9-hydroxy-1,2-dihydro-1,2-dihydroxychrysene

6'-hydroxycinchonidine
(RN) 524-63-0
(RR) 70877-75-7 ((9S)-isomer)
(RR) 70832-33-6 (di-HCl)
(RR) 72436-12-5 (mono-HCl)
(SY) cupreidine
(SY) O-demethylquinidien
(SY) O-desmethylquinidine
(HM) QUININE/*analogs
(NO) urinary quinine metabolite; cpd is O-demethylquinine; RN given refers to (8 alpha,9R)-isomer; RN for cpd without isomeric designation not in Chemline 8/9/83; O-demethylquinidine refers to (9S)-isomer; structure in first source

p-hydroxycinnamic acid see 4-coumaric acid

4-hydroxycinnamoyl-glycyl-glycyl-phenylalanyl-leucine see enkephalin-Leu, 4-hydroxycinnamoyl(1)-

hydroxycitrate see hydroxycitric acid

hydroxycitric acid
(RN) 6205-14-7
(RR) 6205-15-8 (threo-(L)-isomer)
(RR) 30798-54-0 (tri-Na salt)
(RR) 52729-47-2 (Na salt(erythro-(+-))-isomer)
(RR) 27750-10-3 (erythro-(D)-isomer)
(RR) 64913-19-5 (unspecified Na salt)
(SY) hydroxycitrate
(HM) *CITRATES
(NO) RN given refers to cpd without isomeric designation; structure

hydroxycitronellal
(RN) 107-75-5
(HM) *TERPENES
(II) PERFUME

3'-hydroxycocaine
(RN) 71387-58-1
(SY) 3'-hydroxybenzoylecgonine methyl ester
(HM) COCAINE/*analogs
(NO) cocaine metabolite in human urine; RN given refers to (1R-exo,exo)-isomer; RN for cpd without isomeric designation not in Chemline 5/84; structure given in first source

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4'-hydroxycocaine
(SY) 4'-hydroxybenzoylecgonine methyl ester
(HM) COCAINE/*analogs
(NO) cocaine metabolite in human urine; structure given in first source

3-hydroxycompactin
(SY) 3 alpha-hydroxycompactin
(SY) 3 beta-hydroxycompactin
(SY) 3-hydroxy-ML-236B
(HM) *NAPHTHALENES
(PA) ANTICHOLESTEREMIC AGENTS
(NO) from Syncephalastrum nigricans; structure given in first source

18-hydroxycorticosterone dehydrogenase
(RN) EC 1.1.1.-
(SY) 18-OHC dehydrogenase
(HM) *HYDROXYSTEROID DEHYDROGENASES

6-hydroxycorticosterone
(RN) 570-25-2
(SY) 6 beta-hydroxycorticosterone
(HM) CORTICOSTERONE/*analogs
(NO) corticosterone metabolite produced by toad kidney cells; RN given refers to (6beta, 11beta)-isomer; RN for cpd without isomeric designation not in Chemline 3/85

18-hydroxycortisol
(RN) 81705-06-8
(HM) HYDROCORTISONE/*analogs
(NO) from urine of patients with primary aldosteronism

20-hydroxycortisol
(RN) 2899-95-8
(RR) 1050-84-6 ((3beta,11beta)-isomer)
(RR) 1719-79-5 ((11beta,20S)-isomer)
(RR) 116-58-5 ((11beta,20R)-isomer)
(SY) 20 alpha-dihydrocortisol
(SY) 11 beta,17,20,21-tetrahydroxypregn-4-en-3-one
(SY) Reichstein's substance E
(SY) 20 beta-dihydrocortisol
(SY) 11 beta,17,20 beta,21-tetrahydroxypregn-4-en-3-one
(HM) HYDROCORTISONE/*analogs
(NO) occurs in adrenal cortex; RN given refers to (11 beta)-isomer; synonym Reichstein's substance E refers to (11 beta,20R)-isomer; RN for cpd without isomeric designation not in Chemline 7/28/83; structure

18-hydroxycortisone
(RN) 96737-55-2
(SY) 17,18,21-trihydroxy-4-pregnene-3,11,20-trione
(HM) CORTISONE/*analogs
(NO) structure given in first source

7-hydroxycoumarin-3-acetic acid N-hydroxysuccinimidyl ester
(RN) 96735-88-5
(SY) CASEE
(HM) *UMBELLIFERONES
(II) FLUORESCENT DYES
(NO) structure given in first source

7-hydroxycoumarin glucuronide
(RN) 66695-14-5
(HM) *UMBELLIFERONES

7-hydroxycoumarin
(RN) 93-35-6
(RR) 24667-18-3 (14C-labeled cpd)
(SY) umbelliferone
(HM) *UMBELLIFERONES
(NO) active metabolite of coumarin; RN given refers to parent cpd

5-hydroxycoumaro(6,7-c)cinnoline see necatorin

5-hydroxycoumaro(7,8-c)cinnoline see necatorin

3-hydroxy-(28-4-coumaroyloxy)lup-20 (29)- en-27-oic acid
(RN) 85540-98-3
(SY) HCOLA
(HM) *COUMARINS
(HM) *TRITERPENES
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(NO) from stem bark & twigs of Caraipa densifolia Mart. (Theaceae); structure given in first source

4-hydroxycrotonaldehyde see penitricin B

(1-hydroxycyclohexan-1-yl)acetyl-CoA lyase
(RN) EC 4.1.99.-
(SY) HCA-CoA lyase
(HM) *LYASES
(NO) forms cyclohexanone plus acetyl-CoA

2-hydroxy-1,1,3,3,-cyclobexatetramethanol-1,1,3,3 - tetranicotinate see nicomol

4-hydroxycycloheximide see streptovitacin A

4-hydroxycyclohexylacetic acid
(HM) *CYCLOHEXANECARBOXYLIC ACIDS

3-hydroxy-3-cyclohexylbutyric acid
(RN) 17692-20-5
(SY) 3-HCBA
(SY) beta-hydroxy-beta-methylcyclohexanepropionic acid
(HM) *HYDROXYBUTYRATES
(NO) RN & structure from first source; RN not in Chemline 12/21/83

4-(3-((2-(1-hydroxycyclohexyl)ethyl)-4-oxo-2-thiazolidinyl)propyl)benzoic acid
(RN) 72313-44-1
(SY) 4-HCTPB
(SY) L 644122
(SY) L-644,122
(HM) *THIAZOLES
(PA) VASODILATOR AGENTS
(II) PROSTAGLANDINS
(NO) isosterically modified prostaglandin analog; structure given in first source

2-hydroxy-3-cyclohexyl-1,4-naphthoquinone see 993C

4-hydroxycyclophosphamide
(RN) 40277-05-2
(RR) 61903-30-8 ((trans)-isomer)
(RR) 61903-29-5 ((cis)-isomer)
(SY) NSC 196562
(HM) CYCLOPHOSPHAMIDE/*analogs
(NO) primary activation metabolite of cyclophosphamide; RN given refers to cpd withut isomeric designation

2-(1-hydroxy-cyclopropylmethyl)-5-ethyl-9,9-dimethyl-2'-hydroxy-6,7-benzomorphan see bremazocine

(-)-2-hydroxy-N-cyclopropylmethylmorphinan see 2-hydroxy-N-cyclopropylmethylmorphinan

2-hydroxy-N-cyclopropylmethylmorphinan
(RN) 51060-96-9
(RR) 51060-97-0 (mono-HCl)
(RR) 51195-86-9 (HCl(9alpha,13alpha,14alpha)-isomer)
(RR) 51195-85-8 ((9alpha,13alpha,14alpha)-isomer)
(SY) Ro 20-2230
(SY) (-)-2-hydroxy-N-cyclopropylmethylmorphinan
(HM) *CYCLORPHAN/analogs
(PA) ANALGESICS
(NO) RN given refers to cpd without isomeric designation; structure

15-hydroxycyproterone acetate
(SY) 15-OHCPA
(SY) 15 beta-hydroxycyproterone acetate
(HM) CYPROTERONE/*analogs

17-hydroxycyproterone acetate
(RN) 65423-26-9
(SY) 17 beta-hydroxycyproterone acetate
(SY) 17-OHCPA
(HM) CYPROTERONE/*analogs
(NO) RN given refers to (1beta,2beta,15beta)-isomer; RN for cpd without isomeric designation not in Chemline 10/18/83

5(S)-hydroxy-6(R)S-cysteinyl-7,9-trans-11,14-cis-eicosatetraenoic acid see leukotriene E

4-hydroxy-5-cysteinylglycine-6-nonadecenoic acid see SK&F 101132

4-hydroxy-5-cysteinylglycyl-6-nonadecenoic acid see SK&F 101132

N(4)-hydroxycytidine
(RN) 3258-02-4
(HM) CYTIDINE/*analogs
(PA) MUTAGENS

8-hydroxydamnacanthol-omega-ethyl ether
(SY) 3,8-dihydroxy-2-ethoxymethyl-1-methoxyanthraquinone
(SY) 8-HDEE
(HM) *ANTHRAQUINONES
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(II) PLANTS, MEDICINAL
(NO) isolated from the root of Damnacanthus subspinosus Hand-Mazz (Rubiaceae); structure given in first source

5-hydroxydantrolene
(RN) 52130-25-3
(HM) DANTROLENE/*analogs
(NO) dantrolene metabolte

8-hydroxy-5-deazaflavin see factor 420

4-hydroxydebrisoquin
(RN) 59333-79-8
(RR) 62580-84-1 (sulfate[2:1])
(HM) *DEBRISOQUIN/analogs
(NO) principal metabolite of above; RN given refers to parent cpd

4-hydroxydecenal see 4-hydroxy-2-decenal

4-hydroxy-2-decenal
(RN) 29389-17-1
(SY) 4-hydroxydecenal
(HM) *ALDEHYDES

16-hydroxydehydroepiandrosterone sulfate
(RN) 28905-55-7
(RR) 40103-49-9 ((3beta)-isomer)
(RR) 28905-54-6 ((3beta,16alpha)-isomer)
(RR) 4873-65-8 (3-(sulfooxy)-(3beta,16alpha)-isomer)
(RR) 1050-89-1 (3-(sulfooxy)-(3beta,16beta)-isomer)
(RR) 60014-96-2 (3H-labeled cpd3-(sulfooxy)-(3beta,16alpha)-isomer)
(RR) 35420-26-9 (mono-Na salt3-(sulfooxy)-(3beta,16alpha)-isomer)
(RR) 2681-62-1 (mono-NH4 salt3-(sulfooxy)-(3beta,16alpha)-isomer)
(SY) 16beta-OH-DHEA sulfate
(SY) 16 beta-hydroxydehydroepiandrosterone sulfate
(SY) 16 alpha-OH-DHEA-sulfate
(HM) DEHYDROEPIANDROSTERONE/*analogs
(NO) RN given refers to cpd with unspecified sulfate ester linkage locant & (3 beta,16 beta)-isomer; RN for cpd without isomeric designation not in Chemline 8/9/83

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16-hydroxydehydroepiandrosterone
(RN) 1232-73-1
(RR) 14167-51-2 ((3alpha,16alpha)-isomer)
(RR) 1159-68-8 ((16beta)-isomer)
(SY) 3 beta,16 alpha-dihydroxyandrost-5-en-17-one
(SY) 16 alpha-hydroxydehydroisoandrosterone
(SY) 16 beta-hydroxydehydroepiandrosterone
(SY) 3 beta,16 beta-dihydroxyandrost-5-en-17-one
(HM) DEHYDROEPIANDROSTERONE/*analogs
(NO) RN given refers to (3beta,16alpha)-isomer; RN for cpd without isomeric designation not in Chemline 11/23/83

15-hydroxy-delta-13-leukotriene C3
(RN) 85951-62-8
(SY) 5,15-dihydroxy-6-S-glutathionyl-7,9,13-11-eicosatetraenoic acid
(SY) 15-OH-LTC3
(HM) SRS-A/*analogs

11-hydroxy-delta(8)-tetrahydrocannabinol
(RN) 25952-85-6
(RR) 28646-40-4 ((6aR-trans)-isomer)
(HM) TETRAHYDROCANNABINOL/*analogs
(NO) metabolite of THC; RN given refers to cpd without isomeric designation

11-hydroxy-delta(9)-tetrahydrocannabinol
(RN) 26108-40-7
(RR) 36557-05-8 ((6aR-trans)-isomer)
(RR) 34675-49-5 ((trans)-isomer)
(SY) 7-hydroxy-delta(1)-tetrahydrocannabinol
(SY) 11-hydroxy-delta(9)-THC
(HM) TETRAHYDROCANNABINOL/*analogs
(NO) metabolite of marijuana; structure; RN given refers to cpd without isomeric designation

3'-hydroxy-delta(9)-tetrahydrocannabinol
(RN) 58434-44-9
(SY) 3'-hydroxytetrahydrocannabinol-delta(9)
(SY) 3'-hydroxy-THC
(HM) TETRAHYDROCANNABINOL/*analogs
(NO) biologically active metabolite of THC; structure given in first source

7-hydroxy-delta(1)-tetrahydrocannabinol see 11-hydroxy-delta(9)-tetrahydrocannabinol

11-hydroxy-delta(9)-THC see 11-hydroxy-delta(9)-tetrahydrocannabinol

5'-hydroxy-2''-demethyldihydrostreptomycin
(SY) HDDSM
(HM) DIHYDROSTREPTOMYCIN/*analogs
(PA) ANTIBIOTICS
(NO) isolated from Streptomyces strain MG571-fF6; structure given in first source

1-hydroxy-11-deoxycarminomycin II
(HM) CARUBICIN/analogs
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) structure given in first source

18-hydroxydeoxycorticosterone
(RN) 379-68-0
(SY) 18,21-dihydroxy-4-pregnene-3,20-dione
(HM) DESOXYCORTICOSTERONE/*analogs
(NO) structure given in first source

19-hydroxydeoxycorticosterone
(RN) 2394-23-2
(HM) DESOXYCORTICOSTERONE/*analogs
(NO) structure in first source

N(4)-hydroxydeoxycytidine triphosphate
(RN) 78232-33-4
(HM) *DEOXYCYTOSINE NUCLEOTIDES

N-4-hydroxy-2'-deoxycytidylic acid
(SY) N4-OHdCMP
(HM) *DEOXYCYTIDINE MONOPHOSPHATE/analogs
(NO) reversibly binds to thymidylate synthetase

2-hydroxy-3-deoxyestradiol
(RN) 2259-89-4
(HM) *ESTRADIOL
(II) ISOMERISM
(NO) isomer of estradiol; does not have estrogenic activity; structure in third source

8-hydroxy-2'-deoxyguanosine
(SY) 8-OH-dG
(HM) DEOXYGUANOSINE/*analogs
(NO) structure given in first source

5-hydroxy-2'-deoxyuridine see 5-hydroxymethyl-2'-deoxyuridine

N-hydroxydesipramine
(RN) 5227-91-8
(RR) 72467-39-1 (cpd with unspecified hydroxy locant)
(RR) 88480-62-0 (oxalate)
(SY) N-hydroxydesmethylimipramine
(HM) DESIPRAMINE/*analogs
(NO) RN given refers to cpd with specified hydroxy locant; structure given in first source

2-hydroxydesipramine
(RN) 1977-15-7
(RR) 59259-75-5 (mono-HCl)
(RR) 26001-45-6 (monofumarate)
(RR) 20438-99-7 (fumarate)
(SY) 2-hydroxy-desipramine
(SY) 2-hydroxydesmethylimipramine
(SY) 2-OH-DMI
(HM) DESIPRAMINE/*analogs
(PA) ANTIDEPRESSIVE AGENTS, TRICYCLIC
(NO) RN given refers to parent cpd

2-hydroxy-desipramine see 2-hydroxydesipramine

3-hydroxy-O-desmethylbouvardin see bouvardin catechol

N-hydroxydesmethylimipramine see N-hydroxydesipramine

2-hydroxydesmethylimipramine see 2-hydroxydesipramine

22(R)-hydroxydesmosterol
(RN) 54604-98-7
(RR) 54604-99-8 ((3 beta,22S)-isomer)
(SY) cholesta-5,24-diene-3 beta-22-diol
(HM) DESMOSTEROL/*analogs
(NO) RN given refers to (3 beta,22R)-isomer; RN for cpd without isomeric designation not in Chemline 8/9/83

N-hydroxy-N,N'-diacetylbenzidine
(RN) 71609-22-8
(SY) HNNDB
(HM) *BENZIDINES
(PA) CARCINOGENS

2-hydroxy-3,5-dichlorobenzenesulfonate see 3,5-dichloro-2-hydroxybenzenesulfonic acid

2-hydroxy-3,6-dichlorobenzoic acid
(RN) 3401-80-7
(RR) 68938-80-7 (di-K salt)
(RR) 68938-79-4 (K,Na salt)
(HM) *HYDROXYBENZOIC ACIDS
(PA) HERBICIDES
(NO) structure; RN given refers to parent cpd

5-hydroxy-3,3'-dichloro-4,4'-diaminodiphenylmethane-5-sulfate
(SY) OH-MBOCA
(HM) *METHYLENEBIS(CHLOROANILINE)/analogs
(NO) major metabolite of methylenebis(chloroaniline) in dog urine; structure given in first source

2-hydroxy-5-(3,4-dichlorophenyl)-6,7-bis(hydroxymethyl)-2,3-dihydro-1H-pyrrolizine bis(2-propylcarbamate)
(RN) 86422-04-0
(HM) *CARBAMATES
(PA) ANTINEOPLASTIC AGENTS
(NO) RN given from first source refers to (R)-isomer; RN not in Chemline 9/28/83; structure given in first source

3'-hydroxy-3',5'-diepidaunorubicin
(SY) 3-HDED
(HM) DAUNORUBICIN/*analogs

14-hydroxydihydro-6 beta-thebainol 4-methyl ether see drotebanol

9-hydroxy-1,2-dihydro-1,2-dihydroxychrysene
(RN) 96383-86-7
(SY) 1,2,9-trihydroxychrysene
(SY) 9-hydroxychrysene-1,2-dihydro-1,2-diol
(HM) *CHRYSENES
(NO) RN given refers to (trans)-isomer; RN for cpd without isomeric designation not available 6/85

8'-hydroxydihydroergotamine
(HM) DIHYDROERGOTAMINE/*analogs
(PA) VASOCONSTRICTOR AGENTS
(NO) main metabolite of dihydroergotamine in man

14-hydroxydihydromorphazine
(SY) 14-HDM
(HM) NALOXONE/*analogs
(PA) NARCOTIC ANTAGONISTS
(NO) N-methyl derivative of naloxazine; structure given in first source

3-hydroxydihydroquinidine
(SY) 3-HDDQ
(HM) QUINIDINE/*analogs
(NO) structure given in first source; see also record for 3-hydroxydihydroquinine

3-hydroxy-2,3-dihydrovitamin K1 see 3-hydroxy-2-methyl-3-phytyl-2,3-dihydronaphthoquinone

3-hydroxy-2,3-dihydrowithanolide F
(SY) 3 beta-hydroxy-2,3-dihydrowithanolide F
(SY) 3-HDH-withanolide F
(HM) ERGOSTEROL/*analogs
(PA) ANTI-INFLAMMATORY AGENTS
(II) PLANTS, MEDICINAL
(NO) from Withania coagulans; structure given in first source

6-(4-hydroxy-3,5-diiodobenzamido) penicilloic acid
(SY) OHDIBP
(HM) *PENICILLANIC ACIDS

4-hydroxy-3,5-diiodophenylacetic acid
(RN) 1948-39-6
(SY) OHDIP
(HM) *IODOBENZENES

4-hydroxy-3,5-dimethoxycinnamate choline see sinapine

5-hydroxy-4',7-dimethoxyflavone see apigenin dimethylether

4-hydroxy-3,7-dimethoxy-17-methylmorphin-7-en-6-one see sinomenine

1-(4-hydroxy-3,5-dimethoxyphenyl)-2-methylaminoethanol see dimethophrine

1-(1-(2-hydroxy-2-(3,4-dimethoxyphenyl)-1-methylethyl)-4-piperidyl)-2-benzimidazolinone succinate see KF 4307

2'-hydroxy-5,9-dimethyl-2-allyl-6,7-benzomorphan see SK&F 10047

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N-hydroxy-3,2'-dimethyl-4-aminobiphenyl
(RN) 70786-72-0
(SY) OH-DMABP
(HM) *AMINOBIPHENYL COMPOUNDS
(PA) CARCINOGENS

(2-hydroxy-5,6-dimethylbenzimidazolyl) cobamide
(RN) 90654-05-0
(SY) OHDMB-cobamide
(HM) *COBAMIDES
(NO) structure given in first source

4-hydroxy-N,N-dimethylbutyramide 4-chlorophenoxyisobutyrate see clofibride

6-hydroxy-2,2-dimethylchroman
(RN) 1886-42-6
(HM) *CHROMANS

3-(4-(2-hydroxy-3-((1,1-dimethylethyl)amino)propoxy) phenyl)-7-methoxy-2-methyl-1(2H)-isoquinolinone see HI 42

cis-3-(2-hydroxy-4-(1,1-dimethylheptyl)phenyl)-cyclohexan-1-ol) see CP 47,497

3-(2-hydroxy-4-(1,1-dimethylheptyl)phenyl)cyclohexan-1-ol) see CP 47,497

1-hydroxy-3-(1',2'-dimethylheptyl)-6,6,9-trimethyl-7,8,9,10-tetrahydro-6-dibenzopyran acetate
(RN) 39624-99-2
(SY) EA-2233
(SY) EA 2233
(SY) DMHPA
(HM) TETRAHYDROCANNABINOL/*analogs
(NO) structure given in first source

4-(5-hydroxy-4,8-dimethyl-7-nonenyl)-4-methyl-3,8-dioxabicyclo(3.2.1)octane-1-acetic acid see ORF 13811

21-hydroxy-2,2-dimethyl-19-norpregn-4-ene-3,20-dione see RU 24411

3-hydroxy-N,N-dimethylpiperidinium
(SY) 3-HNNDP
(HM) *PIPERIDINES
(PA) CHOLINESTERASE INHIBITORS
(NO) structure given in first source

4-hydroxy-N,N-dimethylpiperidinium
(SY) 4-HNNDP
(HM) *PIPERIDINES
(PA) CHOLINESTERASE INHIBITORS
(NO) structure given in first source

19-hydroxy-16,16-dimethylprostaglandin E2
(SY) 19-OH-diMe-PGE2
(HM) *16,16-DIMETHYLPROSTAGLANDIN E2/analogs

2-hydroxy-4,6-dimethylpyrimidine
(RN) 108-79-2
(SY) HDP-nicarbazin
(HM) *PYRIMIDINONES
(NO) portion of nicarbazin other than 4,4'-dinitrocarbanilide

4-hydroxy-3,5-dinitrophenacetyl see 3,5-dinitro-4-hydroxyphenacetic acid

hydroxydione-21-succinate
(RN) 13073-36-4
(RR) 80-96-6 ((5beta)-isomer)
(RR) 53-10-1 (Na salt(5beta)-isomer)
(HM) HYDROXYDIONE/*analogs
(NO) RN given refers to cpd without isomerc designation; HYDROXYDIONE refers to (5 beta)-isomer

9-((2-hydroxy-1,3,2-dioxaphosphorinan-5-yl)oxymethyl)guanine P-oxide
(SY) 2'-nor-cGMP
(HM) *ORGANOPHOSPHORUS COMPOUNDS
(HM) GUANINE/*analogs
(PA) ANTIVIRAL AGENTS
(NO) has anti-DNA-viral activity; acyclonucleotide analog of cGMP; structure given in first source

6-hydroxy-4 (2-(di-n-propylamino)ethyl) indole
(RN) 88132-47-2
(SY) 6-HDPEI
(HM) *INDOLES
(NO) active metabolite of dopaminergic agent 4-(2-(di-n-propylamino)ethyl)indole; RN & structure given in first source; RN not in Chemline 4/84

4-hydroxy-2-di-n-propylaminoindan
(SY) HDPAI
(HM) *INDANS
(NO) dopamine receptor agonist

4-hydroxy-2-(di-n-propylamino)indan
(RN) 94843-89-7
(RR) 94843-90-0 ((S)-isomer)
(RR) 94843-91-1 (HBr(R)-isomer)
(RR) 94843-92-2 (HBr(S)-isomer)
(SY) 4-HDPI
(HM) INDANS
(II) DOPAMINE RECEPTORS/drug eff
(NO) RN & structure given in first source; RN refers to (R)-isomer; RN not in Chemline 5/85; RN for cpd without isomeric designation not available 5/85

8-hydroxy-2-(di-n-propylamino)tetralin
(RN) 78950-78-4
(RR) 78095-19-9 (HBr(R)-isomer)
(RR) 78095-20-2 (HBr(S)-isomer)
(RR) 76135-31-4 (HBr)
(RR) 87394-87-4 (HBr(+-)-isomer)
(RR) 80300-10-3 ((S)-isomer)
(RR) 80300-09-0 ((R)-isomer)
(RR) 80300-08-9 ((+-)-isomer)
(SY) 8-OH-DPAT
(HM) *TETRAHYDRONAPHTHALENES
(NO) RN given refers to cpd without isomeric designation; structure given in first source

5-hydroxydopamine
(RN) 1927-04-4
(RR) 20555-57-1 (HBr)
(RR) 5720-26-3 (HCl)
(HM) *HYDROXYDOPAMINES
(NO) RN given refers to parent cpd

6-hydroxydopamine
(RN) 1199-18-4
(RR) 28094-15-7 (HCl)
(RR) 636-00-0 (HBr)
(SY) 6-OHDA
(HM) *HYDROXYDOPAMINES
(NO) RN given refers to parent cpd

5-hydroxydopa
(RN) 16032-83-0
(RR) 18674-59-4 ((L)-isomer)
(RR) 20225-66-5 (HCl)
(SY) 3,5-dihydroxytyrosine
(SY) 5-OH-dopa
(HM) DOPA/*analogs
(NO) RN given refers to unspecified isomer

6-hydroxydopa
(RN) 21373-30-8
(RR) 29979-41-7 ((D)-isomer)
(RR) 23358-64-7 ((DL)-isomer)
(RR) 21373-53-5 (HCl(L)-isomer)
(RR) 27244-64-0 ((L)-isomer)
(RR) 68463-64-9 (HCl)
(SY) 3,4,6-trihydroxyphenylalanine
(SY) 2,5-dihydroxytyrosine
(HM) DOPA/*analogs
(NO) RN given refers to cpd without isomeric designation

20-hydroxyecdysone-22-phosphate
(RN) 86577-97-1
(HM) ECDYSONE/*analogs
(II) LOCUSTS
(NO) phosphate ester from eggs of Schistocerca gregaria

5-hydroxyeicosanoic acid see 5-hydroxyarachidic acid

(S)-12-hydroxy-5,8,14-cis,10-trans-eicosatetraenoic acid see 12-hydroxy-5,8,10,14-eicosatetraenoic acid

11-hydroxy-5,8,12,14-eicosatetraenoic acid
(RN) 73151-66-3
(RR) 71030-38-1 ((E,Z,Z,Z)-isomer)
(RR) 54886-50-9 ((S)-(E,Z,Z,Z)-isomer)
(RR) 73347-43-0 ((R)-(E,Z,Z,Z)-isomer)
(SY) 11-HETE
(HM) *HYDROXYEICOSATETRAENOIC ACIDS
(NO) RN given refers to cpd without isomeric designation

12-L-hydroxyeicosatetraenoic acid see 12-hydroxy-5,8,10,14-eicosatetraenoic acid

12-L-hydroxy-5,8,10,14-eicosatetraenoic acid see 12-hydroxy-5,8,10,14-eicosatetraenoic acid

12-hydroxy-5,8,10,14-eicosatetraenoic acid
(RN) 59985-28-3
(RR) 54397-83-0 ((S)-(E,Z,Z,Z)-isomer)
(RR) 55821-52-8 ((S)-isomer)
(RR) 71030-37-0 ((E,Z,Z,Z)-isomer)
(SY) 12-L-HETE
(SY) 12-L-hydroxyeicosatetraenoic acid
(SY) (S)-12-hydroxy-5,8,14-cis,10-trans-eicosatetraenoic acid
(SY) 12-HETE
(SY) 12-L-hydroxy-5,8,10,14-eicosatetraenoic acid
(HM) *HYDROXYEICOSATETRAENOIC ACIDS
(NO) metabolite of arachidonic acid in blood platelet suspensions; RN given refers to cpd without isomeric designation

15-hydroxy-5,8,11,13-eicosatetraenoic acid
(RN) 73945-47-8
(RR) 54845-95-3 ((S-(E,Z,Z,Z)-isomer)
(SY) 15-HETE
(HM) *HYDROXYEICOSATETRAENOIC ACIDS
(NO) potent & selective inhibitor of platelet lipoxygenase; RN given refers to cpd without isomeric designation

5-hydroxyeicosatetraenoic acid see 5-hydroxy-6,8,11,14-eicosatetraenoic acid

5-hydroxy-6,8,11,14-eicosatetraenoic acid
(RN) 72255-35-7
(RR) 70608-72-9 ((S)-(E,Z,Z,Z)-isomer)
(RR) 73307-52-5 ((E,Z,Z,Z)-(+-)-isomer)
(RR) 71774-09-9 ((E,E,Z,Z)-isomer)
(RR) 71030-39-2 ((E,Z,Z,Z)-isomer)
(RR) 61641-47-2 (R-(E,Z,Z,Z)-isomer)
(SY) 5-HETE
(SY) 5-hydroxyeicosatetraenoic acid
(HM) *HYDROXYEICOSATETRAENOIC ACIDS
(NO) RN given refers to cpd without isomeric designation

hydroxyelactocin see kazusamycin

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9-hydroxyellipticine
(RN) 51131-85-2
(RR) 76004-26-7 (radical ion(1+))
(RR) 52238-35-4 (mono-HCl)
(HM) *ELLIPTICINES
(PA) ANTINEOPLASTIC AGENTS
(NO) RN given refers to parent cpd

4-hydroxyephedrine see oxilofrin

10-hydroxy-11,12-epoxyeicosa-5,8,14-trienoic acid
(RN) 71799-95-6
(RR) 94161-10-1 (duplicate RN)
(SY) EPHETA
(SY) hepoxilin B
(HM) *8,11,14-EICOSATRIENOIC ACID/analogs
(II) ISOMERISM
(NO) structure in 2nd source

8-hydroxy-11,12-epoxyeicosa-5,8,14-trienoic acid
(RN) 85589-24-8
(RR) 94161-11-2 (duplicate RN)
(SY) 8-EH-2
(SY) hepoxilin A
(HM) *8,11,14-EICOSATRIENOIC ACID/analogs
(II) ISOMERISM

25-hydroxyergocalciferol
(RN) 21343-40-8
(SY) 9,10-secoergosta-5,7,10(19),22-tetraene-3 beta, 25-diol
(SY) 25-hydroxyvitamin D2
(SY) 25-OHD
(SY) calcidiol
(HM) ERGOCALCIFEROL/*analogs
(NO) circulating form of Vitamin D-25-hydroxyergocalciferol & 25-hydroxycholecalciferol

2-hydroxyestradiol-17 alpha see 2-hydroxyestradiol

4-hydroxyestradiol-17 alpha
(RN) 72704-99-5
(HM) ESTRADIOL/*analogs
(II) CATECHOL ESTROGENS
(NO) catechol estrogen analog; RN given refers to (17alpha)-isomer; RN for cpd without isomeric designation not in Chemline 7/84

2-hydroxyestradiol-17 beta see 2-hydroxyestradiol

4-hydroxyestradiol-17 beta
(RN) 5976-61-4
(SY) 4-hydroxyestradiol
(HM) ESTRADIOL/*analogs
(II) CATECHOL ESTROGENS
(NO) catechol estrogen; RN given refers to (17beta)-isomer; RN for cpd without isomeric designation not in Chemline 7/84

2-hydroxyestradiol-2,3-dibenzoate
(RN) 79787-03-4
(SY) 2-HEDB
(HM) ESTRADIOL/*analogs
(II) CATECHOL ESTROGENS

4-hydroxyestradiol-3,4-dibenzoate
(RN) 79795-26-9
(SY) 4-HEDB
(HM) ESTRADIOL/*analogs
(II) CATECHOL ESTROGENS

2-hydroxyestradiol
(RN) 362-05-0
(RR) 32151-08-9 (4-(14)C-labeled cpd)
(RR) 72748-01-7 ((17alpha)-isomer)
(SY) 2-hydroxyestradiol-17 beta
(SY) 2-hydroxyestradiol-17 alpha
(HM) ESTRADIOL/*analogs
(II) CATECHOL ESTROGENS
(NO) catechol estrogen; RN given refers to (17 beta)-isomer; RN for cpd without isomeric designation not in Chemline 8/9/83

4-hydroxyestradiol see 4-hydroxyestradiol-17 beta

1'-hydroxyestragole
(RN) 51410-44-7
(HM) *ANISOLES
(PA) CARCINOGENS
(NO) structure

N-(3-hydroxyestra-1,3,5(10)-triene-1,3-17beta)-1,3-propylenediamine see prodiame

2-hydroxyestriol
(RN) 1232-80-0
(HM) ESTRIOL/*analogs
(II) CATECHOL ESTROGENS
(NO) structure

16-hydroxyestrone
(RN) 18186-49-7
(RR) 566-76-7 (16 alpha-hydroxyestrone)
(RR) 966-06-3 (16 beta-hydroxyestrone)
(SY) 16 alpha-hydroxyestrone
(SY) 16 beta-hydroxyestrone
(HM) *HYDROXYESTRONES
(NO) has implications in estrogen physiology & pathophysiology; RN given refers to parent cpd; structure in Negwer, 5th ed. #3670

2-hydroxyestrone
(RN) 362-06-1
(RR) 40551-39-1 (4-(14)C-labeled cpd)
(HM) *HYDROXYESTRONES
(II) CATECHOL ESTROGENS
(NO) catechol estrogen which is a major metabolite of estradiol in man & animals; RN given refers to parent cpd

4-hydroxyestrone
(RN) 3131-23-5
(SY) 3,4-dihydroxy-1,3,5(10)-estratrien-17-one
(HM) *HYDROXYESTRONES
(II) CATECHOL ESTROGENS

6-hydroxyestrone
(RN) 1476-78-4
(RR) 1229-25-0 ((6beta)-isomer)
(HM) *HYDROXYESTRONES
(NO) RN given refers to (6alpha)-isomer; RN for cpd without isomeric designation not in Chemline 2/1/84

7-hydroxyestrone
(RN) 2487-49-2
(HM) *HYDROXYESTRONES
(NO) RN given refers to (7alpha)-isomer; RN for cpd without isomeric designation not in Chemline 2/1/84

2-hydroxyethanethiolato(2,2',2"-terpyridine)platinum(II)
(RN) 60829-45-0
(HM) *ORGANOPLATINUM COMPOUNDS
(NO) binds strongly to DNA; RN given refers to nitrate; RN for parent cpd not in Chemline 8/9/83; structure

2-hydroxyethanol see ethylene glycol

2-(2-hydroxyethoxy)-ethyl-N-(alpha,alpha,alpha- trifluoro-m-tolyl)anthranilate see etofenamate

1-(2-hydroxyethoxyethyl)-4-p-chlorobenzylpiperidine see piclobetol

9-(2-hydroxyethoxymethyl)guanine triphosphate see acyclovir triphosphate

N-(2-(hydroxyethoxy)methyl)-5-methyluracil
(RN) 68724-11-8
(HM) URACIL/*analogs
(NO) structure given in first source

7-(2-hydroxyethoxy)-9-oxoxanthene-2-carboxylic acid see AH 7725

6-hydroxyethoxzolamide
(HM) *ETHOXZOLAMIDE/analogs
(PA) CARBONIC ANHYDRASE INHIBITORS
(NO) structure given in first source

6-(1-hydroxyethyl)-2-(1-acetimidoylpyrrolidin-3-ylthio)-1-carbapen-2-em-3-carboxylic acid see carbapenem RS 533

hydroxyethylamylopectin
(RN) 56448-79-4
(SY) hydroxyethylated amylopectin
(HM) AMYLOPECTIN/*analogs
(PA) CRYOPROTECTIVE AGENTS
(II) PLASMA SUBSTITUTES

hydroxyethylated amylopectin see hydroxyethylamylopectin

2-(N-2'-hydroxyethylcarbamoyl)-3-methylquinoxaline-di-N-oxide see olaquindox

N-(2-hydroxyethyl)-N-carboxymethylnitrosamine
(RN) 80556-89-4
(SY) OHECMN
(SY) NHEG
(SY) N-nitroso-(2-hydroxyethyl)glycine
(HM) *NITROSAMINES
(NO) N-nitrosodiethanolamine metabolite in rat urine

hydroxyethylcellulose
(RN) 9004-62-0
(RR) 9063-65-4 (Na salt)
(HM) CELLULOSE/*analogs
(NO) component of contact lens wetting solutions; RN given refers to parent cpd

1-(2-hydroxyethyl)-3-(2-chloroethyl)-3-nitrosourea see 2-chloroethyl-1-nitrosoureidoethanol

N-(2-hydroxyethyl)cinnamide see brolitene

N-hydroxyethyl-1-desoxynojirimycin see Bay m 1099

(2-hydroxyethyl)dimethylsulfoxonium see 2-hydroxyethyl-dimethylsulfoxonium

2-hydroxyethyl-dimethylsulfoxonium
(RN) 74078-14-1
(SY) HEDMSO
(SY) (2-hydroxyethyl)dimethylsulfoxonium
(HM) *SULFONIUM COMPOUNDS
(II) HAPTENS
(II) ALLERGENS
(II) MARINE TOXINS
(II) BRYOZOA
(NO) hapten from marine bryozoan, Alcyonidium gelatinosum, implicated as cause of Dogger Bank Itch, an allergic occupational dermatitis among trawlermen working in the Dogger Bank area; structure given in first source

2-hydroxyethyl disulfide
(RN) 1892-29-1
(HM) *DISULFIDES
(NO) reversible inactivator of aldehyde dehydrogenase

N-(hydroxyethyl)ethylenediamineetriacetic acid see HEDTA

6-(1-hydroxyethyl)-2-ethylthiopenem-3-carboxylic acid see Sch 29482

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hydroxyethylflurazepam
(RN) 67263-28-9
(HM) FLURAZEPAM/*analogs
(NO) principal metabolite of flurazepam in the monkey

N-(2-hydroxyethyl)-N-(formylmethyl) nitrosamine
(SY) EFMN
(HM) *NITROSAMINES
(NO) nitrosamine aldehyde resulting from beta-oxidation of N-nitrosodiethanolamine; structure given in first source

3-hydroxy-3-ethylglutaric acid
(RN) 52939-72-7
(HM) *3-HYDROXY-3-METHYLGLUTARIC ACID/analogs

2-hydroxyethylhydrazine
(RN) 109-84-2
(HM) *HYDRAZINES
(NO) inhibitor of phospholipid methylation in yeast

1-(2-hydroxyethyl)-3-hydroxy-7-chloro-1,3-dihydro-5-(o-fluorophenyl)-2H-1,4-benzodiazepin-2-one see SAS 643

2-(1-hydroxyethyl)-7-(2-hydroxy-3-isopropylaminopropoxy)benzofuran glucuronide
(RN) 72142-73-5
(SY) 2-MIG
(HM) *PROPANOLAMINES
(NO) metabolite of befunolol; structure given in first source

2-(hydroxyethyl)-7-(2-hydroxy-3-isopropylaminopropoxy)benzofuran
(RN) 55636-92-5
(SY) M1-befunolol
(HM) *PROPANOLAMINES
(NO) befunolol metabolite; structure given in first source

1-(2-hydroxyethyl)-2-hydroxymethyl-5-nitroimidazole
(RN) 4812-40-2
(SY) 2-hydroxymethylmetronidazole
(SY) 2-(hydroxymethyl)-5-nitro-1H-imidazole-1-ethanol
(SY) 20396 RP
(SY) RP 20396
(SY) RP-20396
(HM) METRONIDAZOLE/*analogs
(NO) human urinary metabolite of metronidazole; structure

hydroxyethyl methacrylate
(RN) 868-77-9
(SY) 2-hydroxyethyl methacrylate
(SY) glycol methacrylate
(SY) HEMA
(HM) *METHACRYLATES
(NO) many of cited refs are for gel which refers to polymeric form of above cpd: POLYHYDROXYETHYL METHACRYLATE

2-hydroxyethyl methacrylate see hydroxyethyl methacrylate

N-(2-hydroxyethyl)-N-methylguanidine dihydrogen phosphate see creatinol phosphate

1-(2'-hydroxyethyl)-2-methylimidazole hydrochloride see methimidol

5-(2-hydroxyethyl)-4-methylthiazole see thiamine thiazole

N-(2-hydroxyethyl)nicotinamide nitrate ester see nicorandil

N-(2-hydroxyethyl)-2-nitroimidazole-1-acetamide see SR 2508

1-(2-hydroxyethyl)-1-nitrosourea
(RN) 13743-07-2
(SY) 1-nitroso-1-(2-hydroxyethyl)urea
(HM) ETHYLNITROSOUREA/*analogs
(PA) CARCINOGENS
(NO) structure

hydroxyethyloxamic acid
(RN) 5270-73-5
(SY) N-(2-hydroxyethyl)oxamic acid
(HM) *OXAMIC ACID/analogs
(NO) metronidazole metabolite in human urine

N-(2-hydroxyethyl)oxamic acid see hydroxyethyloxamic acid

6-(1-hydroxyethyl)-7-oxo-3-(pantetheinyl)-1-azabicyclo(3.2.0)heptane-2-carboxylic acid see OA 6129D

N-(2-hydroxyethyl)palmitate see palmidrol

N-(2-hydroxyethyl)pipecolinyl-2,6-dimethylanilide see droxicainide

4-(2-hydroxyethyl)piperazin-1-yl-(4-isopropylphenyl)-(isothiazol-5-yl)methane see M&B 30227

N-hydroxyethylpyrrolidinium methiodide see pyrrolcholine

N-(2-hydroxyethyl)retinamide
(RN) 33631-47-9
(RR) 75686-05-4 ((13-cis)-isomer)
(HM) TRETINOIN/*analogs
(NO) RN given refers to cpd without isomeric designation

7-(2-hydroxyethyl)theophylline see etofylline

hydroxyethylthiamine
(RN) 51230-37-6
(HM) *OXYTHIAMINE/analogs

2-hydroxyethynylestradiol
(RN) 50394-89-3
(HM) ETHINYL ESTRADIOL/*analogs

3-hydroxyetianic acid
(RN) 38775-99-4
(SY) 3 alpha-hydroxy-5 beta-etianic acid
(SY) 3 alpha-hydroxy-5 beta-androstan-17 beta-carboxylic acid
(HM) *ANDROSTANOLS
(II) BILE ACIDS

11-hydroxyetiocholanolone see 11 beta-hydroxyandrosterone

hydroxy fatty acids
(HM) *HYDROXY ACIDS

5-hydroxyfenclofenac
(RN) 77182-38-8
(HM) *PHENYLACETATES

p-hydroxyfentiazac see 4-hydroxyfentiazac

4-hydroxyfentiazac
(RN) 67724-24-7
(SY) p-hydroxyfentiazac
(HM) *ACETIC ACIDS
(NO) structure given in first source

3-hydroxyflavone
(RN) 577-85-5
(SY) 3-hydroxy-2-phenyl-4H-1-benzopyran-4-one
(SY) 3-hydroxy-2-phenylchromone
(HM) *CHROMONES
(II) FLUORESCENT DYES
(NO) structure given in first source

7-hydroxyflumequine
(RN) 61293-22-9
(HM) *QUINOLIZINES
(NO) metabolite of flumequine; structure in first source

22-hydroxy-25-fluorocholesterol see SC 32561

24-hydroxy-25-fluorovitamin D3
(SY) 24-hydroxy-25-fluorovitamin D(3)
(HM) *HYDROXYCHOLECALCIFEROLS

24-hydroxy-25-fluorovitamin D(3) see 24-hydroxy-25-fluorovitamin D3

hydroxyflutamide see Sch 16423

4-hydroxy-5-formylbenzoic acid
(HM) *HYDROXYBENZOIC ACIDS

N-hydroxy-N-formyl-para-phenetidine see N-hydroxy-N-formyl-4-phenetidine

N-hydroxy-N-formyl-4-phenetidine
(RN) 88751-11-5
(SY) N-OH-FP
(SY) N-hydroxy-N-formyl-para-phenetidine
(HM) *PHENETIDINE/analogs
(PA) MUTAGENS

12-hydroxy-E-gamma-bisabolene
(SY) 12-OH-EGB
(HM) *SESQUITERPENES
(II) COELENTERATA
(NO) sesquiterpene alcohol from Pseudopterogorgia (Gorgonacea, Cnidaria); structure given in first source

5(S)-hydroxy-6(R)-S-gamma-glutamylcysteine-7,9-trans-11,14-cis-eicosatetraenoic acid see leukotriene F-4

5(S)-hydroxy-6(R)-gamma-glutamylcysteinyl-7,9-trans-11,14-cis-eicosatetraenoic acid-S,S-dioxide see leukotriene F-4 sulfone

hydroxygentamicin see Win 42122-2

hydroxyglutamic acid
(RN) 533-62-0
(RR) 5985-23-9 ((DL)-isomer)
(RR) 50896-27-0 (erythro-(DL)-isomer)
(RR) 6209-00-3 (erythro-(L)-isomer)
(RR) 67685-10-3 (Na salt)
(SY) beta-hydroxyglutamic acid
(HM) *GLUTAMATES
(NO) RN given refers to cpd without isomeric designation

2-hydroxyglutarate see alpha-hydroxyglutarate

2-hydroxyglutaric acid see alpha-hydroxyglutarate

3-hydroxyglutaryl-CoA see 3-hydroxyglutaryl-coenzyme A

3-hydroxyglutaryl-coenzyme A
(RN) 35192-10-0
(SY) 3-hydroxyglutaryl-CoA
(SY) coenzyme A, 3-hydroxyglutaryl
(HM) *ACYL COENZYME A

5-hydroxy-6-S-glutathionyl-7,9,11,14,17- eicosapentaenoic acid see leukotriene C-5

5(S)-hydroxy-6(R)-S-glutathionyl-7,9,11-trans-14-cis-eicosatetraenoic acid see leukotriene C-2

5-hydroxy-6-S-glutathionyl-7,9,11-eicosatrienoic acid see leukotriene C-3

3-hydroxyguanfacine
(RN) 78197-84-9
(HM) *GUANIDINES

hydroxyguanidine
(RN) 13115-21-4
(RR) 6345-29-5 (sulfate[2:1])
(RR) 56295-86-4 (sulfate[2:1], monohydrate)
(RR) 78093-86-4 (conjugate monoacid)
(HM) *GUANIDINES
(PA) ANTINEOPLASTIC AGENTS
(PA) ANTIVIRAL AGENTS
(NO) RN given refers to parent cpd; structure in first source

8-hydroxyguanosine
(HM) GUANOSINE/*analogs
(II) ADJUVANTS, IMMUNOLOGIC
(NO) immunostimulant for B lymphocytes; structure given in first source

2-hydroxy-2',3',4,4',5,5',6'-heptachlorodiphenyl ether
(RN) 84236-31-7
(SY) 2-OH-Cl-7-DPE
(HM) *PHENYL ETHERS
(NO) Rn for cpd with specified locants not in Chemline 2/10/84; RN given refers to cpd with unspecified chlorine & hydroxy locants; structure given in first source

12-hydroxy-8,10-heptadecadienoic acid
(RN) 15514-88-2
(RR) 5375-38-2 ((E,E)-isomer)
(RR) 65529-85-3 ((S)-isomer)
(RR) 84367-88-4 ((E,Z)-isomer)
(RR) 74380-53-3 (cpd with unspecified locants)
(RR) 72244-05-4 ((S-(E,Z))-isomer)
(RR) 34208-49-6 (stereoisomer)
(HM) *FATTY ACIDS, UNSATURATED
(NO) RN given refers to cpd without isomeric designation

hydroxyheptadecatrienoic acid see 12-hydroxy-5,8,10-heptadecatrienoic acid

12-L-hydroxy-5,8,10-heptadecatrienoic acid see 12-hydroxy-5,8,10-heptadecatrienoic acid

12-hydroxy-4,8,10-heptadecatrienoic acid
(RN) 76448-34-5
(RR) 67870-51-3 (12-hydroxyheptadecatrienoic acid)
(SY) delta(4)-12-hydroxy-8,10-heptadecadienoic acid
(SY) delta(4)-HHD
(HM) *FATTY ACIDS, UNSATURATED
(NO) RN given refers to parent cpd

12-hydroxy-5,8,10-heptadecatrienoic acid
(RN) 50683-78-8
(RR) 54397-84-1 ((S)-(E,Z,Z)-isomer)
(RR) 63635-60-9 ((S)-(E,Z,Z)-isomer)
(RR) 64234-42-0 ((S)-isomer)
(RR) 88690-56-6 (cpd with unspecified hydroxy locants)
(RR) 83915-85-9 ((S-(Z,E,E))-isomer)
(RR) 81370-32-3 ((E,Z,Z)-isomer)
(SY) hydroxyheptadecatrienoic acid
(SY) 12-L-hydroxy-5,8,10-heptadecatrienoic acid
(SY) 12-HHT
(HM) *FATTY ACIDS, UNSATURATED
(NO) metabolite of arachidonic acid in blood platelet suspension; RN given refers to cpd without isomeric designation

12-hydroxy-5,8,10,14-heptadectetraenoic acid
(RN) 74004-31-2
(RR) 84284-58-2 ((E,Z,Z,Z)-isomer)
(SY) 12-HHTE
(HM) *FATTY ACIDS, UNSATURATED
(NO) RN given refers to cpd without isomeric designation

2-hydroxy-2',3',4,5,5',6'-hexachlorodiphenyl ether
(RN) 84170-13-8
(SY) 2-O7-Cl-6-DPE
(HM) *PHENYL ETHERS
(NO) RN for cpd with specified locants not in Chemline 2/10/84; RN given refers to cpd with unspecified chlorine & hydroxy locants; structure given in first source

16-hydroxy-7-hexadecenoic acid, omicron-lactone see musk

hydroxyhexamide
(RN) 3168-01-2
(RR) 3968-23-8 ((+-)-isomer)
(RR) 968-80-9 ((S)-isomer)
(HM) ACETOHEXAMIDE/*analogs
(NO) metabolite of acetohexamide; RN given refers to cpd without isomeric designation

6-hydroxyhexanoate see 6-hydroxyhexanoic acid

3-hydroxyhexanoic acid
(RN) 10191-24-9
(SY) 3-hydroxycaproic acid
(HM) *HEXANOIC ACIDS
(NO) abnormal metabolite in urine & serum of diabetic ketoacidotic patients

5-hydroxyhexanoic acid
(SY) 5-hydroxycaproic acid
(SY) 5-hydroxycaproate
(HM) *HEXANOIC ACIDS

6-hydroxyhexanoic acid
(RN) 1191-25-9
(SY) 6-hydroxyhexanoate
(SY) epsilon-hydroxycaproic acid
(HM) *HEXANOIC ACIDS

trans-4-hydroxy-2-hexenal see 4-hydroxy-2-hexenal

4-hydroxy-2-hexenal
(RN) 17427-08-6
(RR) 17427-21-3 ((E)-isomer)
(SY) t-4HH
(SY) trans-4-hydroxy-2-hexenal
(HM) *ALDEHYDES
(NO) metabolite from senecionine; RN given refers to cpd without isomeric designation

3-hydroxyhexobarbital dehydrogenase
(RN) EC 1.1.1.-
(HM) *ALCOHOL OXIDOREDUCTASES

3'-hydroxyhexobarbital
(RN) 427-29-2
(RR) 73899-82-8 ((S-(R*,S*))-isomer)
(RR) 74184-60-4 ((R*,R*-(+-))-isomer)
(RR) 74184-59-1 ((R*,S*)-(+-)-isomer)
(RR) 74162-73-5 ((R-(R*,R*))-isomer)
(RR) 74162-72-4 ((R-(R*,S*))-isomer)
(RR) 73899-77-1 ((S-(R*,R*))-isomer)
(SY) 3'-hydroxyhexobarbitone
(HM) HEXOBARBITAL/*analogs
(NO) RN given refers to cpd without isomeric designation

3'-hydroxyhexobarbitone see 3'-hydroxyhexobarbital

o-hydroxyhippuric acid see salicylurate

4-hydroxyhydrocinnamic acid see 3-(4-hydroxyphenyl)propionic acid

3-hydroxyhydroquinidine
(SY) 3-OHHQ
(HM) QUINIDINE/*analogs
(NO) quinidine metabolite

hydroxyhydroquinone
(RN) 533-73-3
(SY) 1,2,4-benzenetriol
(SY) hydroxyquinol
(HM) *HYDROQUINONES

2-hydroxyhydroquinonephthalein
(RN) 2320-44-7
(SY) ortho-hydroxyhydroquinonephthalein
(SY) HHQNPH
(HM) *HYDROQUINONES
(II) PHTHALEIN DYES

2'-hydroxy-5'-(1-hydroxy-2-(4-methoxyphenethylamino) propyl)methanesulfonanilide see mesurpine

1-(3-hydroxy-4-(hydroxymethyl) cyclopentyl)-4-amino-5-(2-bromovinyl)-2 (1H)-pyrimidinone
(RN) 95313-04-5
(SY) carbocyclic 5-(2-bromovinyl)-2'-deoxycytidine
(SY) carbocyclic BVDC
(HM) DEOXYCYTIDINE/*analogs
(HM) *CYCLOPENTANES
(PA) ANTIVIRAL AGENTS
(PA) ANTINEOPLASTIC AGENTS
(NO) RN & structure given in first source; RN not in Chemline 5/85; RN given refers to (E)-isomer; RN for cpd without isomeric designation not available 5/85

1-(3-hydroxy-4-(hydroxymethyl) cyclopentyl)-5-(2-bromovinyl)-2,4-(1H,3H) -pyrimidinedione
(RN) 91661-22-2
(SY) carbocyclic 5-(2-bromovinyl)-2'-deoxyuridine
(SY) carbocyclic BVDU
(HM) DEOXYURIDINE/*analogs
(HM) *CYCLOPENTANES
(PA) ANTIVIRAL AGENTS
(PA) ANTINEOPLASTIC AGENTS
(NO) RN & structure given in first source; RN not in Chemline 5/85; RN given refers to (E)-isomer; RN for cpd without isomeric designation not available 5/85

1-(3-hydroxy-4-(hydroxymethyl) cyclopentyl)-5-(2-iodovinyl)-2,4-(1H,3H)-pyrimidinedione
(RN) 91661-25-5
(SY) carbocyclic 5-(2-iodovinyl)-2'-deoxyuridine
(SY) carbocyclic IVDU
(HM) DEOXYURIDINE/*analogs
(HM) *CYCLOPENTANES
(PA) ANTIVIRAL AGENTS
(PA) ANTINEOPLASTIC AGENTS
(NO) RN & structure given in first source; RN not in Chemline 5/85; RN given refers to (E)-isomer; RN for cpd without isomeric designation not available 5/85

1-((2-hydroxy-1-(hydroxymethyl)ethoxy) methyl)-5-benzyluracil
(RN) 96328-44-8
(SY) DHPBU
(HM) URACIL/*analogs
(PA) URIDINE PHOSPHORYLASE/antag
(PA) ANTINEOPLASTIC AGENTS
(NO) structure given in first source

9-((2-hydroxy-1-(hydroxymethyl)ethoxy)methyl)guanine see BIOLF 62

17a-hydroxy-17a-hydroxymethyl-17-keto- homo-D-prednisolone phosphate
(SY) 17-HHK-prednisolone phosphate
(HM) PREDNISOLONE/*analogs
(NO) major decomposition product of prednisolone phosphate formed under anaerobic conditions in aqueous solution at pH 8.3; structure given in first source

2-hydroxy-2-hydroxymethylpropyl-4(4-amino-6,7,8-trimethoxy-2-quinazolinyl)-1-piperazine caboxylic acid see CP 23445

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1-hydroxy-6-(1-hydroxy-1-methylpropyl)-3-(2-methylpropyl)-2(1H)-pyrazinone
(SY) HHMMPP
(HM) PYRAZINES
(PA) ANTIBIOTICS
(NO) hydroxy derivative of aspergillic acid; structure given in first source

3-hydroxy-4-((2-hydroxy-1-naphthalenyl)azo)-1-naphthalenesulfonic acid see calcon

6-hydroxy-2-(4-hydroxyphenyl)benzo(b)thien-3-yl 4-(2-(1-pyrrolidinyl)ethoxy phenyl ketone see LY 117018

7-hydroxy-3-(4'-hydroxyphenyl)chroman see equol

6-hydroxyhyoscyamine see anisodamine

4-hydroxyifosfamide
(RN) 67292-64-2
(HM) IFOSFAMIDE/*analogs

5-hydroxyimidazole 4-carboxamide see SM-108

1-(2-hydroxyiminomethyl-1-pyridinio)-3-(4-cyclohexylcarbonyl-1-pyridinio)-2-oxapropane see BDB 27

((2-hydroxyiminomethylpyridiniummethyl)-(4'-carbamoylpyridiniummethyl))ether dichloride see HI-6

2-hydroxyiminomethylpyridinium methylmethanesulfonate see pralidoxime

2-hydroxyimipramine
(RN) 303-70-8
(RR) 20438-94-2 (HCl)
(HM) IMIPRAMINE/*analogs
(NO) RN given refers to parent cpd

5-hydroxyindolepropionic acid see indole-3-lactic acid

5-hydroxyindole
(RN) 1953-54-4
(HM) *INDOLES

5-hydroxy-6-indolyl-O-sulfate
(SY) 5,6-DHIS
(HM) *INDOLES
(NO) in urine of malignant melanoma patients

5-hydroxyindomethacin
(RN) 2504-32-7
(RR) 75731-58-7 (sulfate[1:1])
(SY) O-desmethylindomethacin
(SY) DMI
(SY) desmethyl-indomethacin
(HM) INDOMETHACIN/*analogs
(NO) metabolite of indomethacin; RN given refers to parent cpd

N-(2-hydroxy-4-(isobutylcarbamoyl)butyryl)-His-Pro-NH2 see N-(2-hydroxy-4-(isobutylcarbamoyl)butyryl) histidylprolinamide

N-(2-hydroxy-4-(isobutylcarbamoyl) butyryl)histidylprolinamide
(RN) 83437-31-4
(SY) N-(2-hydroxy-4-(isobutylcarbamoyl)butyryl)-His-Pro-NH2
(SY) DN-isobutylamide
(SY) DN 1417 isobutylamide
(HM) THYROTROPIN RELEASING HORMONE/*analogs
(NO) structure given in first source

2-hydroxy-3-isobutyl-9,10-dimethoxy-1,2,3,4,6,7-hexahydro-11bH-benzo(a)quinolizine see dihydrotetrabenazine

3-hydroxyisobutyric acid
(RN) 2068-83-9
(RR) 1910-47-0 ((R)-isomer)
(HM) *HYDROXYBUTYRATES
(NO) RN given refers to cpd without isomeric designation

2-hydroxyisocaproic acid see alpha-hydroxyisocaproic acid

6-hydroxy-iso-compactin see 6-hydroxy-isocompactin

6-hydroxy-isocompactin
(RN) 85798-96-5
(SY) 6 alpha-hydroxy-iso-ML-236B
(SY) 6-OH-ML-236B
(SY) 6-hydroxy-iso-compactin
(HM) NAPHTHALENES
(PA) ANTIBIOTICS
(NO) structure given in first source

2-hydroxyisonicotinic acid N-oxide
(RN) 13602-64-7
(SY) HINANO
(HM) *ISONICOTINIC ACIDS
(NO) structure given in first source

N(6)-(4-hydroxyisopentenyl)-2-methylthioadenosine
(RN) 26190-61-4
(RR) 53274-45-6 ((E)-isomer)
(RR) 52049-48-6 ((Z)-isomer)
(SY) 2-methylthioribosylzeatin
(SY) 2-methylthiozeatin riboside
(HM) ISOPENTENYLADENOSINE/*analogs
(NO) RN given refers to cpd without isomeric designation 8/2/83

4-hydroxyisophthalic acid
(RN) 636-46-4
(SY) 4-HIPA
(HM) *PHTHALIC ACIDS
(NO) structure given in first source

5-hydroxyisophthalic acid
(RN) 618-83-7
(HM) *PHTHALIC ACIDS
(NO) structure given in first source

5-(1-hydroxy-2-(isopropylaminobutyl)-8- hydroxycarbostyril see procaterol

2-hydroxy-4-isopropyl- 2,4,6-cycloheptatriene-1-one see beta-thujaplicin

2-hydroxyisovalerate see 2-hydroxyisovaleric acid

2-hydroxyisovaleric acid
(RN) 4026-18-0
(RR) 57618-22-1 (Ca[2:1] salt)
(RR) 5464[illegible]-19-9 (mono-Na salt(S)-isomer)
(RR) 17407-56-6 ((R)-isomer)
(RR) 17407-55-5 ((S)-isomer)
(SY) alpha-hydroxyisovaleric acid
(SY) 2-hydroxyisovalerate
(HM) *VALERATES
(NO) RN given refers to parent cpd without isomeric designation

3-hydroxyisovaleric acid see beta-hydroxyisovaleric acid

4-hydroxy-2-ketoglutarate aldolase see 4-hydroxy-2-oxoglutarate aldolase

4-hydroxy-2-ketopimelate aldolase
(RN) EC 4.1.3.-
(HM) *KETOACID-LYASES
(NO) bacterial enzyme functioning in pathways of aromatic catabolism; forms pyruvate & succinic semialdehyde

20-hydroxy-3-keto-4-pregnen-21-oic acid see 20-hydroxy-3-oxo-4-pregnen-21-carboxylic acid

4-hydroxy-2-ketovalerate aldolase
(RN) EC 4.1.3.-
(HM) *KETOACID-LYASES
(NO) forms acetaldehyde + pyruvate

5-hydroxykryptopyrrolin-2-one
(RN) 41254-89-1
(SY) 4-ethyl-5-hydroxy-3,5-dimethyl delta-3-pyrrolin-2-one
(HM) *PYRROLES
(NO) structure

5-hydroxykynuramine
(RN) 708-23-6
(RR) 52056-01-6 (di-HBr)
(RR) 59095-74-8 (mono-HBr)
(RR) 20702-23-2 (di-HCl)
(SY) 5-hydroxykynurenamine
(SY) mausamine
(SY) mousamine
(HM) *KYNURAMINE/analogs
(NO) RN given refers to parent cpd; structure

5-hydroxykynurenamine see 5-hydroxykynuramine

8-hydroxykynurenic acid see xanthurenic acid

hydroxykynureninase see 3-hydroxykynureninase

3-hydroxykynureninase
(RN) EC 3.7.1.-
(SY) 3-hydroxykynurenine hydrolase
(SY) hydroxykynureninase
(HM) *HYDROLASES

hydroxykynurenine glucoside
(SY) 3-OH L-kynurenine O beta-glucoside
(HM) *GLUCOSIDES
(HM) KYNURENINE/*analogs
(NO) yellow substance isolated from human lens

3-hydroxykynurenine hydrolase see 3-hydroxykynureninase

3-hydroxykynurenine
(RN) 484-78-6
(RR) 2147-61-7 ((DL)-isomer)
(RR) 606-14-4 ((L)-isomer)
(RR) 4043-91-8 ((D)-isomer)
(SY) 3-(3-hydroxyanthraniloyl)alanine
(HM) KYNURENINE/*analogs
(NO) RN given refers to cpd without isomeric designation

3-hydroxylacyl CoA epimerase
(RN) EC 5.1.2.3
(SY) 3-hydroxyacyl Coa epimerase
(HM) *EPIMERASES
(NO) reversibly catalyzes the conversion of the L to the D form

hydroxylamine
(RN) 7803-49-8
(RR) 58888-47-4 (phosphate)
(RR) 19098-16-9 (monophosphate)
(RR) 13973-61-0 (sulfate)
(RR) 13465-08-2 (nitrate)
(RR) 10046-00-1 (monosulfate)
(RR) 10039-54-0 (sulfate[2:1])
(RR) 22606-42-4 (acetate)
(RR) 26217-76-5 (monooxalate)
(RR) 18320-06-4 (formate)
(RR) 59917-23-6 (HI)
(RR) 15588-62-2 (perchlorate)
(RR) 20845-01-6 (phosphate[3:1])
(RR) 40711-48-6 (15N-labeled cpdHCl)
(RR) 73032-88-9 (carbonate)
(RR) 73061-44-6 (di-Hg(1+) salt)
(RR) 16170-56-2 (oxalate)
(RR) 73032-87-8 (sulfite)
(RR) 72960-76-0 (15N-labeled cpd)
(RR) 5470-11-1 (HCl)
(HM) *HYDROXYLAMINES
(NO) RN given refers to parent cpd

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hydroxylamine oxidase
(RN) EC 1.7.3.4
(SY) hydroxylamine oxidoreductase
(SY) hydroxylaminoxidase
(HM) *OXIDOREDUCTASES
(NO) catalyzes aerobic oxidation of hydroxylamine to nitrite in the presence of phenazine methosulfate

hydroxylamine oxidoreductase see hydroxylamine oxidase

hydroxylaminoglutethimide
(SY) 3-ethyl-3-(4-hydroxylaminophenyl)-2,6-piperidinedione
(HM) AMINOGLUTETHIMIDE/*analogs
(NO) aminoglutethimide metabolite in humans; structure given in first source

6-N-hydroxylaminopurine
(RN) 5667-20-9
(SY) N-hydroxyadenine
(SY) N(6)-hydroxyaminopurine
(HM) ADENINE/*analogs

hydroxylaminoxidase see hydroxylamine oxidase

hydroxylapatite see hydroxyapatite

20-hydroxy-leukotriene B see 5,12,20-trihydroxy-6,8,10,14-eicosatetraenoic acid

20-hydroxyleukotriene B4 see 5,12,20-trihydroxy-6,8,10,14-eicosatetraenoic acid

13-hydroxylinoleic acid
(RN) 67030-67-5
(RR) 30207-02-4 (cpd with unspecified hydroxy locant)
(HM) LINOLEIC ACIDS
(NO) RN given refers to (Z,Z)-isomer; RN for cpd without isomeric designation not in Chemline 12/84

hydroxyl ion see hydroxyl radical

hydroxyl radical
(RN) 3352-57-6
(SY) hydroxyl ion
(HM) *HYDROXIDES
(II) FREE RADICALS

6-hydroxyluteolin-7-O-glucoside
(HM) *BIOFLAVONOIDS
(NO) from Lomatogonium carinthiacum

hydroxylysine diglycoside
(SY) Hyl diglycoside
(HM) HYDROXYLYSINE/*analogs

hydroxylysine glycoside
(SY) Hyl monoglycoside
(SY) hydroxylysine monoglycoside
(HM) HYDROXYLYSINE/*analogs

hydroxylysine monoglycoside see hydroxylysine glycoside

hydroxylysinonorleucine see delta-hydroxylysylnorleucine

hydroxylysyl galactosyltransferase see UDPgalactose-collagen galactosyltransferase

hydroxylysyl glycosyltransferase
(RN) EC 2.4.-
(HM) *GLUCOSYLTRANSFERASES

5-hydroxylysylnorleucine see delta-hydroxylysylnorleucine

2-hydroxymalonaldehyde see reductone

hydroxymalonate see tartronic acid

hydroxymalonic acid see tartronic acid

2-hydroxymandelic acid
(RN) 19022-43-6
(SY) ortho-hydroxymandelic acid
(HM) *MANDELIC ACIDS
(NO) RN given refers to ion(1-)

3-hydroxymandelic acid
(RN) 17119-15-2
(SY) meta-hydroxymandelic acid
(HM) *MANDELIC ACIDS

4-hydroxymandelic acid
(RN) 1198-84-1
(RR) 13244-78-5 ((D)-isomer)
(SY) para-hydroxymandelic acid
(HM) *MANDELIC ACIDS
(NO) RN given refers to cpd without isomeric designation

(R)-p-hydroxymandelonitrile-D-glucopyranoside see taxiphyllin

hydroxymaprotilin
(RN) 56433-44-4
(RR) 76679-95-3 (HCl(S)-isomer)
(RR) 76496-70-3 ((S)-isomer)
(RR) 76496-69-0 (HCl(R)-isomer)
(RR) 76496-68-9 ((R)-isomer)
(RR) 76437-37-1 ((+-)-isomer)
(RR) 39022-39-4 (HCl)
(SY) oxaprotiline
(SY) C 49802B-Ba
(SY) C-49802B-Ba
(HM) *MAPROTILINE/analogs
(PA) ANTIDEPRESSIVE AGENTS
(NO) RN given refers to cpd without isomeric designation

5-hydroxymebendazole
(RN) 60254-95-7
(HM) MEBENDAZOLE/*analogs
(NO) structure in first source

8-hydroxy-11-methyldibenz(b,e)(1,4)oxazepin-2(11H)one see methyl purple

6-hydroxymelatonin sulfate see 6-hydroxymelatonin

6-hydroxymelatonin
(RN) 2208-41-5
(SY) 6-hydroxymelatonin sulfate
(SY) 6-sulphatoxy melatonin
(HM) MELATONIN/*analogs

4-hydroxymephenytoin
(RN) 61837-65-8
(RR) 82695-93-0 ((S)-isomer)
(SY) para-hydroxymephenytoin
(HM) *MEPHENYTOIN/analogs
(NO) metabolite of mephenytoin; RN given refers to cpd without isomeric designation

17-hydroxy-10-mercaptoestr-4-en-3-one
(RN) 51101-80-5
(SY) 10 beta-hydroxy-10 beta-mercaptoestr-4-en-one
(SY) 10-HMEEO
(HM) *ESTRENES
(PA) AROMATASE/antag
(NO) RN & structure given in first source; RN not in Chemline 7/85

1-(2-hydroxy-3-mercaptopropionic acid)-4-threonine-7-glycine-oxytocin see oxytocin, 1-(2-hydroxy-3-mercaptopropionic acid)-4- Thr-7-Gly-

1-(2-hydroxy-3-mercaptopropionic acid)-4-Thr-7-Gly-oxytocin see oxytocin, 1-(2-hydroxy-3-mercaptopropionic acid)-4- Thr-7-Gly-

2-hydroxy-3-mercaptopropionic acid see beta-mercaptolactate

4-hydroxymercuribenzenesulfonate
(RN) 17781-34-9
(SY) p-hydroxymercuriphenylsulfonate
(SY) hydroxymercury benzenesulfonic acid
(SY) hydroxy(4-sulfophenyl)mercury
(SY) para-hydroxymerduribenzenesulfonate
(SY) PHMPS
(HM) *PHENYLMERCURY COMPOUNDS
(NO) structure

p-hydroxymercuribenzoate see 4-hydroxymercuribenzoate

2-hydroxymercuribenzoate
(RN) 55939-60-1
(SY) 2-HMB
(SY) ortho-hydroxymercuribenzoate
(HM) *HYDROXYMERCURIBENZOATES
(NO) RN given refers to Na salt; RN for parent cpd not in Chemline 8/84

4-hydroxymercuribenzoate
(RN) 138-85-2
(SY) p-hydroxymercuribenzoate
(SY) para-hydroxymercuribenzoate
(HM) *HYDROXYMERCURIBENZOATES

hydroxymercurifluorescein see mercurascan

p-hydroxymercuriphenylsulfonate see 4-hydroxymercuribenzenesulfonate

hydroxymercury benzenesulfonic acid see 4-hydroxymercuribenzenesulfonate

N-(2-hydroxy-3-methacryloxypropyl)-N-phenylglycine see NPG-GMA

hydroxymethanediphosphonic acid
(RN) 15468-10-7
(RR) 74676-31-6 (mono-Na salt)
(RR) 23206-76-0 (tri-Na salt)
(RR) 14255-61-9 (di-Na salt)
(RR) 23206-77-1 (tetra-Na salt)
(RR) 76597-82-5 (14C-labeled cpd)
(SY) disodium (hydroxymethylene)diphosphonate
(SY) disodium methane-1-hydroxy-1,1-diphosphonate
(SY) MHDP
(SY) disodium methane hydroxy-diphosphonate
(SY) methylhydroxydiphosphonate
(HM) *DIPHOSPHONATES
(PA) CARIOGENIC AGENTS
(NO) RN given refers to parent cpd

7-hydroxymethotrexate
(RN) 5939-37-7
(SY) 7-OH-methotrexate
(HM) METHOTREXATE/*analogs
(PA) FOLIC ACID ANTAGONISTS

2-hydroxy-4-methoxyacetophenone see paeonol

3-hydroxy-4-methoxy-alpha-(3,4,5-trimethoxyphenyl) benzeneethanol see combretastatin

4-hydroxy-3-methoxybenzaldehyde see vanillin

4-hydroxy-3-methoxybenzoic acid hexyl ester see n-hexyl vanillate

2-hydroxy-4-methoxybenzophenone see oxybenzone

3'-hydroxy-4'-methoxybenzoylecgonine methyl ester see 3'-hydroxy-4'-methoxycocaine

4'-hydroxy-3'-methoxybenzoylecgonine methyl ester see 4'-hydroxy-3'-methoxycocaine

2-hydroxy-3-methoxy-6 beta-naltrexol
(RN) 57355-35-8
(HM) NALTREXONE/*analogs
(NO) minor metabolite of naltrexone

7-hydroxy-7'-methoxy-4,4'-bis(1,3-benzodioxole)-5,5'-dicarboxylic acid dimethyl ester
(SY) 4-demethyl-BDD
(SY) 4-DMBDD
(SY) dimethyl-4-hydroxy-4'-methoxy-5,6,5',6'-dimethylenedioxybiphenyl-2,2'-dicarboxylate
(SY) 7-demethyl-BDD
(HM) *DIOXOLES
(II) PLANTS, MEDICINAL
(II) PLANT EXTRACTS
(NO) urinary metabolite of BDD; structure given in first source

4-hydroxy-3-methoxycinnamic acid see ferulic acid

4-hydroxy-3-methoxycinnamic alcohol see coniferyl alcohol

3'-hydroxy-4'-methoxycocaine
(SY) 3'-hydroxy-4'-methoxybenzoylecgonine methyl ester
(HM) COCAINE/*analogs
(NO) cocaine metabolite in human urine; structure given in first source

4'-hydroxy-3'-methoxycocaine
(SY) 4'-hydroxy-3'-methoxybenzoylecgonine methyl ester
(HM) COCAINE/*analogs
(NO) cocaine metabolite in human urine; structure given in first source

4-hydroxy-3-methoxy-1,2-dimethylcarbazole see carbazomycin B

5-hydroxy-6-methoxy-2-indolecarboxylic acid see 5-hydroxy-6-methoxy-2-indolylcarboxylic acid

6-hydroxy-5-methoxy-2-indolecarboxylic acid see 6-hydroxy-5-methoxy-2-indolylcarboxylic acid

5-hydroxy-6-methoxyindole
(RN) 2380-83-8
(HM) *INDOLES
(NO) from supernatant of melanoma cell culture

5-hydroxy-6-methoxy-2-indolylcarboxylic acid
(RN) 2495-80-9
(SY) 5-hydroxy-6-methoxy-2-indolecarboxylic acid
(HM) *INDOLES
(NO) metabolite found in urine of mammals having melanotic melanoma

6-hydroxy-5-methoxy-2-indolylcarboxylic acid
(RN) 2638-99-5
(SY) 6-hydroxy-5-methoxy-2-indolecarboxylic acid
(HM) *INDOLES
(NO) metabolite found in urine of mammals having melanotic melanoma

5-hydroxymethoxyphenamine
(SY) 5-HMP
(HM) METHAMPHETAMINE/*analogs
(NO) metabolite of methoxyphenamine

1-hydroxy-6-methoxyphenazine-5,10-dioxide see myxin

5-(1-hydroxy-2-((2-(2-methoxyphenoxy)ethyl)amino)ethyl)-2-methylbenzenesulfonamide see YM-09538

3-hydroxy-4-methoxyphenylalanine see 4-methoxytyrosine

4-(4-hydroxy-3-methoxyphenyl)butan-2-one see zingerone

1-(4'-hydroxy-3'-methoxyphenyl)-7-phenyl-3-heptanone see yakuchinone-A

4-hydroxy-3-methoxyphenyl-1-propane-1,2- diol
(SY) vanillyl glycol
(HM) *PROPANEDIOLS
(II) LIGNIN
(NO) lignin model cpd; structure given in first source

N(6)-hydroxymethyladenosine
(SY) 6-OHMEA
(HM) ADENOSINE/*analogs
(PA) MUTAGENS

12'-hydroxy-2'-methyl-5' alpha-(2-methylpropyl)-8 alpha-ergotaman-3',6',18-trione see ergosine

N-hydroxy-n-methyl-4-aminoazobenzene see N-hydroxy-4-(methylamino)azobenzene

N-hydroxy-4-(methylamino)azobenzene
(RN) 1910-36-7
(SY) N-hydroxy-n-methyl-4-aminoazobenzene
(HM) *P-AMINOAZOBENZENE/analogs

2-((hydroxymethyl)amino)ethanol
(RN) 65184-12-5
(SY) 2-HMAE
(HM) *ETHANOLAMINES
(NO) found in wall paper paste; causes dermatitis, structure given in first source

N-(2-hydroxy-5-(2-(methylamino)ethyl)phenyl) methanesulfonamide see SK&F 102652

3-hydroxymethylaminopyrine
(RN) 13097-17-1
(SY) 4-dimethylamino-3-hydroxymethyl-2-methyl-2-phenyl-3pyrazolin-5-one,
(HM) *AMINOPYRINE /analogs
(NO) uninary metabolite of aminopyrine

4-hydroxy-N-methylamphetamine see pholedrine

3-hydroxymethylantipyrine
(RN) 18125-49-0
(SY) 3-HMAP
(HM) ANTIPYRINE/*analogs

8-hydroxy-N-methylaporphine
(SY) 8-OHMA
(HM) *APORPHINES

N-hydroxymethylbenzamide
(RN) 6282-02-6
(SY) N-(hydroxymethyl)-benzamide
(HM) *BENZAMIDES

N-(hydroxymethyl)-benzamide see N-hydroxymethylbenzamide

4-hydroxymethylbenz(a)anthracene-10,11-dihydrodiol
(RN) 88195-60-2
(SY) 4-OHMBA-10,11
(HM) *BENZANTHRACENES

4-hydroxymethylbenz(a)anthracene-8,9-dihydrodiol
(RN) 88195-59-9
(SY) 4-OHMBA-8,9
(HM) *BENZANTHRACENES

7-hydroxymethylbenzanthracene see 7-hydroxymethylbenz(a)anthracene

7-hydroxymethylbenz(a)anthracene
(RN) 16110-13-7
(RR) 52590-45-1 (3H-labeled cpd)
(SY) 7-hydroxymethylbenzanthracene
(HM) *BENZANTHRACENES
(NO) RN given refers to unlabeled parent cpd

6-hydroxymethylbenzo(alpha)pyrene synthetase
(RN) EC 2.1.2.-
(HM) *TRANSFERASES
(NO) catalyzes hydroxymethylation of benzo(alpha)pyrene to the 16-hydroxymethyl derivative

11-hydroxymethylbenzo(a)pyrene
(SY) 11-HMBP
(HM) *BENZOPYRENES
(PA) MUTAGENS

12-hydroxymethylbenzo(a)pyrene
(SY) 12-HMBP
(HM) *BENZOPYRENES
(PA) MUTAGENS

6-(hydroxymethyl)benzo(a)pyrene
(RN) 21247-98-3
(RR) 62084-24-6 (13C-labeled cpd)
(SY) benzo(a)pyrene-6-methanol
(HM) *BENZOPYRENES
(NO) RN given refers to parent cpd

4-(hydroxymethyl)benzyl-3 beta-cholestanyl succinate
(RN) 91177-68-3
(SY) 4-HMBCS
(HM) *CHOLESTANOLS
(NO) RN given in first source; RN not in Chemline 12/84

3-hydroxymethyl-beta-carboline
(RN) 65474-79-5
(HM) *CARBOLINES
(NO) antagonizes anticonvulsant & anxiolytic actions of diazepam at doses which do not elicit overt behavioral effects in mice

9-hydroxymethyl-beta-carboline
(RN) 21373-43-3
(RR) 22946-02-7 (mono-HCl)
(SY) 9-HMBC
(HM) *CARBOLINES
(NO) used in picomole analysis of tryptophan; RN given refers to parent cpd

4-hydroxymethylbiphenyl
(RN) 3597-91-9
(SY) 4-(hydroxymethyl)biphenyl
(HM) *BIPHENYL COMPOUNDS
(PA) MUTAGENS
(PA) CARCINOGENS
(NO) structure given in first source

4-(hydroxymethyl)biphenyl see 4-hydroxymethylbiphenyl

3-hydroxy-3-methylbutene
(RN) 115-18-4
(RR) 37460-09-6 (Al salt)
(RR) 70052-57-2 (Ge(4+) salt)
(RR) 70052-59-4 (Nb(5+) salt)
(RR) 70052-60-7 (Ta(5+) salt)
(RR) 70052-58-3 (Ti(4+) salt)
(SY) 2-methyl-3-buten-2-ol
(SY) dimethylvinylcarbinol
(HM) *ALCOHOLS, AMYL
(PA) HYPNOTICS AND SEDATIVES
(NO) narcotic, sleep-producing principle from hops; RN given refers to parent cpd

2-hydroxy-2-methyl-3-butenoic acid
(RN) 31572-04-0
(SY) 2-HMBA
(HM) *FATTY ACIDS, UNSATURATED
(NO) found in urine of patients with multiple sclerosis

N-(4-hydroxy-3-methyl-2-butenyl)adenosine see zeatin riboside

4-hydroxy-3-(3-methyl-2-butenyl)benzenepropanol see zanthoxylol

2-hydroxy-3-(3-methyl-2-butenyl)-1,4-naphtho-quinone see lapachol

2(R)-hydroxy-2-methylbutyronitrile-beta-D-glucopyranoside see lotaustralin

N-(hydroxymethyl)carbamic acid 1-naphthalenyl ester see N-(hydroxymethyl)carbaryl

N-(hydroxymethyl)carbaryl
(RN) 5266-96-6
(RR) 13649-14-4 (duplicate RN)
(SY) N-(hydroxymethyl)carbamic acid 1-naphthalenyl ester
(HM) CARBARYL/*analogs
(NO) metabolite of carbaryl; structure given in first source

3-hydroxy-7-methyl-5-cholanoic acid
(SY) 3 alpha-hydroxy-7 epsilon-methyl-5 beta-cholanoic acid
(SY) HMCA
(HM) *CHOLIC ACIDS
(NO) structure given in first source

hydroxymethyl cimetidine
(RN) 59359-50-1
(HM) CIMETIDINE/*analogs
(NO) blood metabolite of cimetidine

4-(hydroxymethyl)colchicine
(RN) 3986-03-6
(SY) 4-HMCLC
(HM) COLCHICINE/*analogs
(II) SPIN LABELS
(NO) RN & structure given in first source; RN not in Chemline 1/85

5-hydroxymethylcytosine
(RN) 1123-95-1
(HM) CYTOSINE/*analogs

5-hydroxymethyldeoxyuridine see 5-hydroxymethyl-2'-deoxyuridine

5-hydroxymethyl-2'-deoxyuridine
(RN) 5116-24-5
(SY) 2'-deoxy-5-(hydroxymethyl)uridine
(SY) 5-hydroxy-2'-deoxyuridine
(SY) 5-hydroxymethyldeoxyuridine
(HM) THYMIDINE/*analogs

5-hydroxy-N-methyl-7H-dibenzo(c,g) carbazole
(RN) 91000-15-6
(SY) 5-hydroxy-7-methyldibenzo(c,g)carbazole
(SY) 5-OH-7-Me-DBC
(HM) *CARBAZOLES
(NO) metabolite of 7-methyl-DBC

5-hydroxy-7-methyldibenzo(c,g)carbazole see 5-hydroxy-N-methyl-7H-dibenzo(c,g)carbazole

7-hydroxymethyldibenzo(c,g)carbazole see N-hydroxymethyl-7H-dibenzo(c,g)carbazole

N-hydroxymethyl-7H-dibenzo(c,g) carbazole
(RN) 91000-16-7
(SY) 7-hydroxymethyldibenzo(c,g)carbazole
(SY) 7-OH-Me-DBC
(HM) *CARBAZOLES
(NO) metabolite of 7-methyl-DBC

3-hydroxymethyldibenzo(b,f)thiepin 5,5-dioxide see L 640035

1-(4-hydroxymethyl-2,3-dihydroxy-4-cyclopenten-1-yl)cytosine
(SY) cCyd
(HM) CYTIDINE/*analogs
(PA) ANTINEOPLASTIC AGENTS
(NO) used in therapy of colonic neoplasms; structure given in first source

3'-hydroxymethyl-N,N-dimethyl-4-aminoazobenzene see 3'-hydroxymethyl-4-(dimethylamino)azobenzene

3'-hydroxymethyl-4-(dimethylamino) azobenzene
(RN) 35282-69-0
(SY) OHME-DAB
(SY) 3'-hydroxymethyl-N,N-dimethyl-4-aminoazobenzene
(HM) METHYLDIMETHYLAMINOAZOBENZENE/*analogs
(PA) CARCINOGENS
(PA) MUTAGENS

2-(8-(6-(hydroxymethyl)-2,6-dimethyl-3-oxo-1-cyclohexen-1-yl)-2,6-dimethyl-5,7-octadienamido) ethanesulfonic acid see retinotaurine

2-hydroxymethyl-N,N-dimethylpiperidinium
(SY) 2-HMNDP
(HM) *PIPERIDINES
(PA) CHOLINESTERASE INHIBITORS
(NO) structure given in first source

3-hydroxymethyl-N,N-dimethylpiperidinium
(SY) 3-HMNDP
(HM) *PIPERIDINES
(PA) CHOLINESTERASE INHIBITORS
(NO) structure given in first source

3-(hydroxymethyl)-5,5-diphenylhydantoin see 3-(hydroxymethyl)phenytoin

5-hydroxy-1-methyl-2-(di-n-propylamino) tetralin methyl ether
(RN) 95999-11-4
(RR) 85548-44-3 (HCl(cis)-isomer)
(RR) 95999-12-5 ((+)-isomer)
(RR) 85378-81-0 (HCl(+)-isomer)
(SY) 5-HMDPTME
(HM) *TETRAHYDRONAPHTHALENES
(NO) RN given refers to cis-isomer; RN not in Chemline 9/85; RN and structure given in first source

5-hydroxy-1-methyl-2-(di-n-propylamino) tetralin
(RN) 96148-66-2
(RR) 96148-68-4 (HBr(-)-isomer)
(RR) 85379-05-1 (HCl(+)-isomer)
(RR) 96148-67-3 ((+)-isomer)
(RR) 85379-04-0 (HCl(+)-isomer)
(RR) 96148-69-5 (HBr(+)-isomer)
(SY) 5-HMDPT
(HM) *TETRAHYDRONAPHTHALENES
(NO) RN given refers to cis-isomer; RN not in Chemline 9/85; RN and structure given in first source

9-hydroxy-2N-methyl-ellipticinium acetate see 2-methyl-9-hydroxyellipticinium

9-hydroxy-methyl-ellipticinium see 2-methyl-9-hydroxyellipticinium

9-hydroxy-2-methylellipticinium see 2-methyl-9-hydroxyellipticinium

(hydroxymethylene)bis(phosphonic acid), technetium salt see technetium Tc 99m hydroxymethylene diphosphonate

6-(4-hydroxy-2-methylenebutyryl)-D-glucopyranose see 6-tuliposide A

3-hydroxy-16-methyleneestra-1,3,5(10)-triene-17-one see 16-methylene estrone

2-hydroxymethyleneprogesterone
(SY) 2-HM-progesterone
(HM) PROGESTERONE/*analogs
(PA) STEROID ISOMERASES/antag
(NO) structure given in first source

2-(hydroxymethyl)erythritol see 3-(hydroxymethyl)erythritol

3-(hydroxymethyl)erythritol
(RN) 10592-17-3
(SY) 2-(hydroxymethyl)erythritol
(SY) apiitol
(HM) ERYTHRITOL/*analogs
(NO) RN given refers to (S)-isomer; RN for cpd without isomeric designation not in Chemline 1/85; structure given in first source

4-hydroxy-2-methylestradiol
(RN) 84872-84-4
(HM) ESTRADIOL/*analogs

4-(2-hydroxy-3-((1-methylethyl)amino)propoxy)phenol see prenalterol

6-(1-hydroxy-1-methyl)ethyl-7-oxo-3-(pantetheinyl)-?-azabicyclo(3.2.0)heptane-2-carboxylic acid see OA 6129E

9-hydroxy-9-methylfluorene
(RN) 6311-22-4
(SY) 9-MF-OH
(HM) *FLUORENES

3-hydroxymethylfuran-N-ethylcarbamate
(SY) 3-HFC
(HM) *CARBAMATES

hydroxymethylfurfural see 5-hydroxymethylfurfural

5-hydroxymethylfurfuraldehyde see 5-hydroxymethylfurfural

5-hydroxymethylfurfural
(RN) 67-47-0
(RR) 25376-49-2 (cpd with unspecified hydroxymethyl locant)
(SY) 5-hydroxymethylfurfuraldehyde
(SY) hydroxymethylfurfural
(HM) FURALDEHYDE/*analogs

hydroxymethylglutaryl-CoA see 3-hydroxy-3-methylglutaryl-coenzyme A

hydroxymethylglutaryl-CoA cleavage enzyme see 3-hydroxy-3-methylglutaryl-coenzyme A lyase

3-hydroxy-3-methylglutaryl-CoA hydro-lyase see methylglutaconyl-CoA hydratase

hydroxymethylglutaryl-CoA lyase see 3-hydroxy-3-methylglutaryl-coenzyme A lyase

hydroxymethylglutaryl-CoA reductase kinase
(RN) EC 2.7.1.-
(SY) HMG CoA reductase kinase
(SY) HMG CoA reductase kinase kinase
(SY) HMG CoA reductase phosphatase
(HM) *PROTEIN KINASES
(HM) *MULTIENZYME COMPLEXES
(NO) aspect of EC 2.7.1.37, protein kinase

hydroxymethylglutaryl-CoA reductase (NADP)
(RN) EC 1.1.1.34
(RR) 9028-35-7 (CRN)
(SY) HMG CoAR
(HM) *HYDROXYMETHYLGLUTARYL COA REDUCTASES

3-hydroxy-3-methylglutaryl-CoA see 3-hydroxy-3-methylglutaryl-coenzyme A

3-hydroxy-3-methylglutaryl-coenzyme A lyase
(RN) EC 4.1.3.4
(RR) 9030-83-5 (CRN)
(SY) hydroxymethylglutaryl-CoA cleavage enzyme
(SY) hydroxymethylglutaryl-CoA lyase
(HM) *KETOACID-LYASES

3-hydroxy-3-methylglutaryl coenzyme A reductase phosphatase see HMG-CoA reductase phosphatase

3-hydroxy-3-methylglutaryl-coenzyme A
(RN) 1553-55-5
(RR) 26926-09-0 ((S)-isomer)
(RR) 2374-79-0 (mono(3-oxobutanoate))
(SY) HMG-CoA
(SY) hydroxymethylglutaryl-CoA
(SY) 3-hydroxy-3-methylglutaryl-CoA
(SY) coenzyme A, 3-hydroxy-3-methylglutaryl-
(HM) *ACYL COENZYME A
(NO) RN given refers to cpd without isomeric designation

2-hydroxymethyl-3-hydroxy-6-(1-hydroxy-2-tert-butylamino ethyl)pyridine, dihydrochloride see pirbuterol

9-hydroxy-3-methylimidazo(4,5-f) quinoline
(RN) 90279-19-9
(SY) 9-OH-MIQ
(HM) *HYDROXYQUINOLINES
(NO) structure given in first source

4-hydroxymethyl-2-iodomethyl-1,3-dioxolane
(RN) 61869-07-6
(RR) 61508-57-4 (trans-isomer)
(RR) 61508-55-2 (cis-isomer)
(SY) cis,trans-4-hydroxymethyl-2-iodomethyl-1,3-dioxolane
(SY) domiodol
(SY) M.G. 13608
(SY) 2-iodomethyl-4-oxymethyl-1,3-dioxolane
(HM) *DIOXOLANES
(PA) EXPECTORANTS
(NO) RN given refers to cpd with unspecified stereochemistry

cis,trans-4-hydroxymethyl-2-iodomethyl-1,3-dioxolane see 4-hydroxymethyl-2-iodomethyl-1,3-dioxolane

2-hydroxy-2-methyllevulinic acid
(RN) 81416-97-9
(SY) 2-HMLA
(HM) *LEVULINIC ACIDS
(NO) in urine & serum of diabetic patients with ketoacidosis

20-(hydroxymethyl)-4-methyl-4-aza-2-oxa- 5-pregnan-3-one
(RN) 96000-11-2
(SY) 20-HMAOP
(HM) *STEROIDS, HETEROCYCLIC
(HM) *PREGNANES
(PA) TESTOSTERONE 5-ALPHA-REDUCTASE/antag
(NO) RN & structure given in first source; RN not in Chemline 7/85

N-hydroxymethyl-N-methylbenzamide
(RN) 87489-99-4
(SY) NHMMB
(HM) *BENZAMIDES

7-hydroxymethyl-12-methylbenz(a) anthracene sulfate ester
(RN) 80733-96-6
(SY) 7-HMBA sulfate
(HM) 9,10-DIMETHYL-1,2-BENZANTHRACENE/*analogs
(NO) carcinogenic major metabolite of 7,12-dimethylbenz(a)anthracene; structure given in first source

7-hydroxymethyl-12-methylbenz(a) anthracene
(RN) 568-75-2
(HM) 9,10-DIMETHYL-1,2-BENZANTHRACENE/*analogs

N-hydroxymethyl-N-methylformamide
(RN) 20546-32-1
(SY) DMF-OH
(HM) DIMETHYLFORMAMIDE/*analogs
(NO) metabolite of dimethylformamide

3-hydroxymethyl-N-methylpiperidyl (4-chlorophenoxy)acetate
(SY) 3-HMMPCA
(HM) *GLYCOLATES
(HM) *PIPERIDINES
(PA) APPETITE DEPRESSANTS
(NO) structure given in first source

2-hydroxymethylmetronidazole see 1-(2-hydroxyethyl)-2-hydroxymethyl-5-nitroimidazole

6-hydroxymethylmexiletine
(RN) 53566-98-6
(HM) *MEXILETINE/analogs
(NO) mexiletine metabolite; structure given in first source

1-hydroxymethylmidazolam
(RN) 59468-90-5
(SY) 1-OH-MDZ
(HM) *BENZODIAZEPINES
(NO) metabolite of midazolam

7-(hydroxymethyl)nalidixic acid see hydroxynalidixic acid

3-hydroxymethylnitrofurantoin see urfadyn

2-(hydroxymethyl)-5-nitro-1H-imidazole-1-ethanol see 1-(2-hydroxyethyl)-2-hydroxymethyl-5-nitroimidazole

2-(5-hydroxy-2-methyl-4-nitro-1-imidazolyl)ethylsulfone
(SY) HMNIES
(HM) TINIDAZOLE/*analogs
(NO) tinidazole metabolite in rats & dogs; structure given in first source

9-hydroxy-2-methylolivacinium
(RN) 81531-67-1
(SY) 2-methyl-9-hydroxyolivacinium
(SY) 2-methyl-9-hydroxyolivacinium acetate salt
(SY) 9-OH-2-MEOL
(HM) *ELLIPTICINES
(PA) ANTINEOPLASTIC AGENTS
(II) ISOMERISM
(NO) structure given in first source

((7-hydroxy-4-methyl-2-oxo-2H-1-benzopyran-6-yl)oxy) acetic acid see Permethol

16-hydroxy-16-methyl-9-oxo-prosta-10,13- dien-1-oic acid methyl ester
(RN) 58682-86-3
(SY) HMOPDA-methyl ester
(HM) *PROSTAGLANDINS E, SYNTHETIC
(NO) structure given in first source

N-hydroxymethylpentamethylmelamine see pentamethylmonomethylolmelamine

p-hydroxymethylphenidate see 4-hydroxymethylphenidate

threo-DL-p-hydroxymethylphenidate see 4-hydroxymethylphenidate

4-hydroxymethylphenidate
(RN) 54593-35-0
(RR) 78708-74-4 (HCl(R*,R*)-(+-)-isomer)
(RR) 78708-67-5 (HCl(R*,S*)-(+-)-isomer)
(SY) para-hydroxymethylphenidate
(SY) p-hydroxymethylphenidate
(SY) threo-DL-p-hydroxymethylphenidate
(HM) METHYLPHENIDATE/*analogs
(NO) RN given refers to (R*,R*)-(+-)-isomer; RN for cpd without isomeric designation not in Chemline 8/9/83; structure in first source

4-hydroxymethylphenoxyacetic acid
(RN) 68858-21-9
(SY) 4-HMPAA
(HM) *GLYCOLATES
(II) INDICATORS AND REAGENTS
(NO) structure given in first source

2-(2'-hydroxy-5-methylphenyl)benzotriazole see benazol P

3-hydroxy-1-methyl-3-phenyl-2-piperidinone
(RN) 87532-76-1
(SY) 3-HMPP
(HM) *PIPERIDINES
(PA) ANTICONVULSANTS
(NO) RN & structure given in first source; RN not in Chemline 3/84

4-(2-hydroxy-3-((1-methyl-3-phenylpropyl)amino propoxy) benzeneacetamide see KF 4317

3-(hydroxymethyl)phenytoin N,N-dimethylaminoethyl carbonate methanesulfonate see 3-(hydroxymethyl)phenytoin N,N-dimethylamincethyl carbonate

3-(hydroxymethyl)phenytoin N,N-dimethylaminoethyl carbonate
(SY) HMP OPDACM
(SY) 3-(hydroxymethyl)phenytoin N,N-dimethylaminoethyl carbonate methanesulfonate
(HM) PHENYTOIN/*analogs
(NO) structure given in first & second source

3-(hydroxymethyl)phenytoin N,N-dimethylglycine ester
(SY) HDH ODGE
(HM) PHENYTOIN/*analogs
(NO) structure given in first & second source

3-(hydroxymethyl)phenytoin disodium phosphate see 3-(hydroxymethyl)phenytoin phosphate ester

3-(hydroxymethyl)phenytoin phosphate ester
(SY) HMPDP
(SY) 3-(hydroxymethyl)phenytoin disodium phosphate
(HM) PHENYTOIN/*analogs
(NO) structure given in first & second source

3-(hydroxymethyl)phenytoin
(SY) 3-(hydroxymethyl)-5,5-diphenylhydantoin
(HM) PHENYTOIN/*analogs
(NO) structure given in first source

N-hydroxymethylphthalimide
(RN) 118-29-6
(HM) *PHTHALIMIDES

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3-hydroxy-2-methyl-3-phytyl-2,3-dihydronaphthoquinone
(RN) 82162-05-8
(SY) 2,3-dihydro-2(or 3)-hydroxy-2-methyl-3-phytyl-1, 4-naphthoquinone
(SY) 3-HMPDNQ
(SY) 3-hydroxy-2,3-dihydrovitamin K1
(SY) 3-HDVK1
(HM) PHYTONADIONE/*analogs
(NO) structure given in first source; metabolite of vitamin K1

2-hydroxy-2-methylpropyl 4-(4-amino-6,7,8-trimethoxy-2-quinqzolinyl)-1-piperazinecar boxylate see trimazosin

17-hydroxy-1-methyl-17-propyl-5-androstan-3-one see 17-propylmesterolone

6-hydroxymethylpterin
(RN) 712-29-8
(HM) *PTERINS

4-hydroxy-2-methyl-N-(2-pyridyl)-2H-1,2-benzothiazine-3-carboxamide 1,1-dioxide see piroxicam

(6-(hydroxymethyl)-2-pyridyl)methyl-2-(4-chlorophenoxy)-2-methyl-propionate hydrochloride see pirifibrate

4-hydroxy-2-methyl-N-2-pyridyl-2H-thieno(2,3-e)-1,2-thiazine-3-carboxamide 1,1-dioxide see Ro12-0068

3-hydroxy-2-methyl-4-pyrone see maltol

5-(hydroxymethyl-O-pyrophosphoryl) deoxyuridylate
(SY) PPOMedUMP
(HM) *DEOXYUP.ACIL NUCLEOTIDES

7-hydroxymethylriboflavin
(RN) 86073-07-6
(SY) 7 alpha-hydroxyriboflavin
(HM) RIBOFLAVIN/*analogs
(NO) urinary metabolite of riboflavin; structure given in first source

8-hydroxymethylriboflavin
(RN) 52134-62-0
(SY) 8 alpha-hydroxyriboflavin
(HM) RIBOFLAVIN/*analogs
(NO) urinary metabolite of riboflavin; structure given in first source

6-hydroxy-1-methyl-1,2,3,4-tetrahydro beta-carboline see 6-hydroxy-1-methyltryptoline

1-hydroxymethyltriazolam see alpha-hydroxytriazolam

4'-hydroxymethyl-4,5',8-trimethylpsoralen see hydroxymethyltrioxsalen

hydroxymethyltrioxsalen
(RN) 62442-59-5
(SY) 4'-hydroxymethyl-4,5',8-trimethylpsoralen
(HM) *TRIOXSALEN/analogs
(II) CROSS-LINKING REAGENTS

6-hydroxy-1-methyltryptoline
(RN) 3000-36-0
(SY) 6-hydroxy-1-methyl-1,2,3,4-tetrahydro beta-carboline
(SY) 1-methyl-6-hydroxytryptoline
(SY) 6-OH-MTHBC
(SY) 1-methyl-6-hydroxytetrahydrocarboline
(HM) *CARBOLINES
(NO) possible product of ethanol & tryptophan metabolism; structure given in first source

hydroxymethyluracil see 5-hydroxymethyluracil

hydroxymethyluracil DNA glycosylase
(RN) EC 3.2.2.-
(SY) hmU DNA glycosylase
(HM) *NUCLEOSIDASES
(II) DNA REPAIR
(NO) functions to eliminate hydroxymethyluracil from oxidatively damaged DNA

5-hydroxymethyluracil
(RN) 4433-40-3
(SY) hydroxymethyluracil
(HM) PENTOXYL/*analogs
(NO) structure

2-hydroxy-3-methylvalerate see 2-hydroxy-3-methylvaleric acid

2-hydroxy-3-methylvaleric acid
(RN) 488-15-3
(RR) 57618-24-3 (Ca salt[2:1](S-(R*,R*)-isomer)
(RR) 54641-22-4 (mono-Na salt(S-(R*,R*))-isomer)
(SY) alpha-hydroxy-3-methylpentanoic acid
(SY) 2-hydroxy-3-methylvalerate
(HM) *PENTANOIC ACIDS
(NO) RN given refers to cpd without isomeric designation

4-hydroxymexiletine
(RN) 53566-99-7
(SY) para-hydroxymexiletine
(HM) *MEXILETINE/analogs
(NO) mexiletine metabolite; structure given in first source

8-hydroxymianserin
(RN) 57257-81-5
(RR) 57257-82-6 (maleate)
(RR) 58630-16-3 (mono-maleate)
(RR) 78185-49-6 ((cis)-isomer)
(RR) 75197-19-2 ((trans)-isomer)
(HM) *MIANSERIN/analogs
(NO) metabolite of mianserin; RN given refers to cpd without isomeric designation

4-hydroxymidazolam
(RN) 59468-85-8
(SY) 4-OH-MDZ
(HM) *BENZODIAZEPINES
(NO) metabolite of midazolam; structure given in first source

3-hydroxy-ML-236B see 3-hydroxycompactin

2-hydroxymuconic semialdehyde dehydrogenase
(RN) EC 1.2.-
(SY) 2-HMS-dehydrogenase
(HM) *ALCOHOL OXIDOREDUCTASES

2-hydroxymuconic semialdehyde lyase
(RN) EC 4.1.2.-
(HM) *ALDEHYDE-LYASES
(NO) forms 2-ketopent-4-enoate

34-hydroxymycotrienin II
(HM) HYDROQUINONES
(PA) ANTIBIOTICS
(NO) structure given in first source

hydroxynalidixic acid
(RN) 3759-18-0
(RR) 3715-04-6 (mono-Na salt)
(SY) 7-(hydroxymethyl)nalidixic acid
(SY) 7-hydroxynalidixic acid
(HM) NALIDIXIC ACID/*analogs
(NO) RN given refers to parent cpd; structure

7-hydroxynalidixic acid see hydroxynalidixic acid

3-hydroxy-2,7-naphthalenedisulfonic acid see 2-naphthol-3,6-disulfonic acid

N-hydroxy-N-2-naphthalenylacetamide
(RN) 2508-23-8
(SY) N-OH-AAN
(HM) *NAPHTHALENEACETIC ACIDS
(NO) metabolite of 2-naphthylamine

N-hydroxynaphthalimide diethyl phosphate see naftalofos

3-hydroxy-2-naphthanilide see naphthol AS

2-hydroxy-1,4-naphthoquinone see lawsone

5-hydroxy-1,4-naphthoquinone see juglone

3-(4-hydroxy-1-naphthoxy)propane-1,2-diol see 4-hydroxypropranolol glycol

N-hydroxy-1-naphthylamine
(RN) 607-30-7
(SY) 1-naphthylhydroxylamine
(HM) *1-NAPHTHYLAMINE/analogs
(NO) carcinogen

N-hydroxy-2-naphthylamine
(RN) 613-47-8
(HM) *2-NAPHTHYLAMINE/analogs
(PA) CARCINOGENS

4-(4-hydroxy-1-naphthylazo)benzenesulfonate sodium laurate see orange I laurate

1-(4-hydroxynaphth-1-yloxy)-3-isopropylamino-2- propanol see 4-hydroxypropranolol

6-hydroxy-D-nicotine oxidase
(RN) EC 1.5.3.6
(HM) *OXIDOREDUCTASES

6-hydroxy-L-nicotine oxidase
(RN) EC 1.5.3.5
(RR) 37256-29-4 (CRN)
(HM) *AMINE OXIDOREDUCTASES

2-hydroxynicotinic acid 2,6-dimethylanilide see isonixin

6-hydroxynicotinic acid N-oxide
(SY) 6-HANO
(HM) *CYCLIC N-OXIDES
(II) SPIN LABELS

6-hydroxynicotinic acid
(HM) *NICOTINIC ACIDS

2-hydroxy-2',6'-nicotinoxylidide see isonixin

hydroxynitrile lyase see mandelonitrile lyase

2-hydroxy-5-nitro-alpha toluenesulfonic acid sultone
(RN) 14618-10-1
(SY) HNTAS
(HM) *TOSYL COMPOUNDS
(NO) carbonic anhydrase substrate

2-hydroxy-5-nitro-alpha-toluenesulfonic acid
(RN) 18690-42-1
(RR) 95452-61-2 (Na salt)
(SY) 2-HNATS
(SY) sodium 2-hydroxy-5-nitro-alpha-toluenesulfonate
(HM) *BENZENESULFONATES
(NO) structure given in first source; RN given refers to parent cpd

1-hydroxy-6-nitrobenzotriazole
(RN) 26185-63-7
(SY) OHNBT
(HM) *TRIAZOLES
(II) INDICATORS AND REAGENTS
(NO) structure given in first source

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hydroxynitrobenzoylthioguanosine see 2-hydroxy-5-nitrobenzylthioguanosine

2-hydroxy-5-nitrobenzylthioguanosine
(RN) 41094-07-9
(SY) hydroxynitrobenzoylthioguanosine
(HM) GUANOSINE/*analogs
(HM) *THIONUCLEOSIDES

4-hydroxy-5-nitrophenyl acetic acid
(SY) NP-hapten
(SY) (4-hydroxy-3-nitrophenyl)acetyl
(SY) 4-hydroxy-3-nitrophenyl acetyl
(HM) *NITROPHENOLS
(II) HAPTENS

4-hydroxy-3-nitrophenylacetyl-O-succinimide ester
(RN) 75679-31-1
(SY) NP-O-SU
(SY) NP-O-succinimide
(HM) *NITROPHENOLS
(II) HAPTENS

4-hydroxy-3-nitrophenyl acetyl see 4-hydroxy-5-nitrophenyl acetic acid

(4-hydroxy-3-nitrophenyl)acetyl see 4-hydroxy-5-nitrophenyl acetic acid

2-hydroxy-5-((3-nitrophenyl)azo)benzoic acid sodium see alizarine yellow G

3-hydroxy-17-(4-nitrophenyldithio)-1,3,5(10)-estratriene
(RN) 83797-05-1
(SY) 3-hydroxy-17 beta-(4-nitrophenyldithio)-1,3,5(10)-estratriene
(SY) OHNPDTE
(HM) *ESTRENES
(II) AFFINITY LABELS

2-hydroxy-5-nitrophenyl sulfate see 4-nitrocatechol sulfate

4-hydroxy-N-nitrosopiperidine see N-nitroso-4-hydroxypiperidine

4-hydroxy-N-nitrosoproline see N-nitroso-4-hydroxyproline

3-hydroxy-1-nitrosopyrrolidine
(RN) 56222-35-6
(SY) N-nitroso-3-hydroxypyrrolidine
(HM) *N-NITROSOPYRROLIDINE/analogs
(PA) CARCINOGENS

3-hydroxynonachlorodiphenyl ether
(RN) 42255-14-1
(HM) *PHENYL ETHERS
(II) ENVIRONMENTAL POLLUTANTS
(NO) principal contaminant in pentachlorophenol

4-hydroxynonachlorodiphenyl ether
(RN) 21567-21-5
(SY) 4-HNDPE
(HM) *PHENYL ETHERS
(II) ENVIRONMENTAL POLLUTANTS
(NO) one of the principal contaminants of pentachlorophenol

14-hydroxy-7,10,12-nonadecatrienoic acid
(SY) 14-HNDTA
(HM) *FATTY ACIDS, UNSATURATED
(NO) metabolite of adrenic acid

4-hydroxynonenal
(RN) 29343-52-0
(RR) 18286-49-2 ((E)-isomer)
(RR) 75899-68-2 (cpd with unspecified locants)
(SY) 4-hydroxy-2-nonenal
(HM) *ALDEHYDES
(NO) cytotoxic product from peroxidation of liver microsomal lipids; RN given refers to cpd without isomeric designation

4-hydroxy-2-nonenal see 4-hydroxynonenal

threo-9-(2-hydroxy-3-nonyl)adenine see 9-(2-hydroxy-3-nonyl)adenine

erythro-9-(2-hydroxynon-3-yl)adenine see 9-(2-hydroxy-3-nonyl)adenine

erythro-9-(2-hydroxy-3-nonyl)adenine see 9-(2-hydroxy-3-nonyl)adenine

9-(2-hydroxy-3-nonyl)adenine
(RN) 59262-86-1
(RR) 58337-38-5 (mono-HCl(erythro-R*,S*)-isomer))
(RR) 55601-18-8 (HCl)
(RR) 51350-20-0 (oxalate[2:1])
(RR) 51350-22-2 (oxalate[2:1](erythro-R*,R*)-isomer)
(RR) 59262-87-2 (mono-HCl)
(RR) 79813-68-6 ((R-(R*,S*))-isomer)
(RR) 79813-69-7 ((S-(R*,S*))-isomer)
(RR) 79854-83-4 ((R-(R*,R*))-isomer)
(RR) 79854-84-5 ((S-(R*,R*))-isomer)
(RR) 51350-19-7 ((R*,S*)-isomer)
(RR) 79763-32-9 ((R*,S*)-(+-)-isomer)
(SY) EHNA
(SY) erythro-9-(3-(2-hydroxynonyl))adenine
(SY) threo-9-(2-hydroxy-3-nonyl)adenine
(SY) erythro-9-(2-hydroxynon-3-yl)adenine
(SY) erythro-9-(2-hydroxy-3-nonyl)adenine
(HM) ADENINE/*analogs
(PA) IMMUNOSUPPRESSIVE AGENTS
(PA) ANTIVIRAL AGENTS
(NO) specific inhibitor of adenosine deaminase; RN given refers to cpd without isomeric designation; structure

erythro-9-(3-(2-hydroxynonyl))adenine see 9-(2-hydroxy-3-nonyl)adenine

erythro-9-(2-hydroxy-3-nonyl)-1-deazaadenine see 9-(2-hydroxy-3-nonyl)-1-deazaadenine

9-(2-hydroxy-3-nonyl)-1-deazaadenine
(RN) 87871-08-7
(RR) 87871-20-3 (oxalate(R*,S*)-(+-)-isomer)
(SY) 1-deaza-EHNA
(SY) erythro-9-(2-hydroxy-3-nonyl)-1-deazaadenine
(HM) ADENINE/*analogs
(PA) ADENOSINE DEAMINASE/antag
(NO) RN & structure given in first source; RN for cpd without isomeric designation not in Chemline 4/84; RN given refers to (R*,S*)-(+-)-isomer

erythro-9-(2-hydroxy-3-nonyl)-3-deazaadenine see 9-(2-hydroxy-3-nonyl)-3-deazaadenine

9-(2-hydroxy-3-nonyl)-3-deazaadenine
(RN) 87871-09-8
(RR) 87871-22-5 (oxalate(R*,S*)-(+-)-isomer)
(SY) 3-deaza-EHNA
(SY) erythro-9-(2-hydroxy-3-nonyl)-3-deazaadenine
(HM) ADENINE/*analogs
(PA) ADENOSINE DEAMINASE/antag
(NO) RN & structure given in first source; RN for cpd without isomeric designation not in Chemline 4/84; RN given refers to (R*,S*)-(+-)-isomer

erythro-9-(2-hydroxy-3-nonyl) hypoxanthine see NPT 15392

N-hydroxynorcocaine see 8-hydroxynorcocaine

8-hydroxynorcocaine
(RN) 72182-43-5
(SY) N-hydroxynorcocaine
(HM) COCAINE/*analogs
(NO) cocaine metabolite which stimulates in vitro lipid peroxidation

18-hydroxy-19-nordeoxycorticosterone
(RN) 88542-91-0
(SY) 18-OH-19-norDOC
(SY) 19-nor-18-hydroxydeoxycorticosterone
(HM) DESOXYCORTICOSTERONE/*analogs

10-hydroxynortriptyline
(RN) 1156-99-6
(RR) 47132-16-1 ((E)-isomer)
(RR) 43012-39-1 (HCl)
(RR) 74853-74-0 (maleate[1:1])
(RR) 72580-45-1 ((+-)-isomer)
(RR) 47132-19-4 ((Z)-isomer)
(HM) NORTRIPTYLINE/*analogs
(NO) RN given refers to cpd without isomeric designation

3-hydroxynorvaline
(RN) 2280-42-4
(RR) 2076-43-9 (threo-(DL)-isomer)
(SY) alpha-amino beta-hydroxyvaleric acid
(SY) beta-hydroxynorvaline
(HM) THREONINE/*analogs
(NO) RN given refers to cpd without isomeric designation; structure

10-hydroxyochratoxin A
(RN) 85911-04-2
(HM) *OCHRATOXINS
(NO) cpd not in Chemline 7/29/83; structure in first source

4-hydroxyochratoxin A
(RN) 35299-87-7
(RR) 82598-16-1 ((3R-trans)-isomer)
(HM) *OCHRATOXINS
(NO) RN given refers to cpd without isomeric designation

13-hydroxy-9,11-octadecadienoic acid
(RN) 5204-88-6
(RR) 32819-31-1 ((E,E)-isomer)
(RR) 18104-45-5 ((E,Z)-isomer)
(RR) 10219-69-9 ((R)-(E,Z)-isomer)
(RR) 29623-28-7 ((S)-(E,Z)-isomer)
(RR) 29899-88-5 ((Z,E)-isomer)
(HM) *LINOLEIC ACIDS
(NO) RN given refers to unspecified stereoisomer

9-hydroxy-10,12-octadecadienoic acid
(RN) 15514-85-9
(RR) 504-51-8 ((E,E)-isomer)
(RR) 18104-44-4 ((E,Z)-isomer)
(HM) *LINOLEIC ACIDS
(NO) RN given refers to unspecified stereoisomer

10-hydroxy-12-octadecenoic acid
(RN) 80110-77-6
(RR) 67414-25-9 (cpd with unspecified locants)
(HM) *OLEIC ACIDS
(NO) RN given refers to cpd with unspecified double bond locant; RN for cpd with double bond in position 12 not in Chemline 3/84

12-hydroxy-9-octadecenoic acid see ricinoleic acid

7-hydroxy-1,2,3,4,4a,5,6,10b-octahydrobenzo(f) quinoline see HW 165

4-hydroxyoctenal see 4-hydroxy-2-octenal

4-hydroxy-2-octenal
(RN) 17449-15-9
(RR) 55-88-9 ((E)-isomer)
(RR) 73529-62-1 (cpd with unspecified alkene locant)
(SY) 4-hydroxyoctenal
(HM) *ALDEHYDES
(NO) RN given refers to cpd without isomeric designation

7-hydroxyolivacine
(RN) 83201-13-2
(HM) *CARBAZOLES
(PA) ANTINEOPLASTIC AGENTS
(NO) structure given in first source

9-hydroxyolivacine
(RN) 70173-18-1
(HM) *CARBAZOLES
(PA) ANTINEOPLASTIC AGENTS
(NO) structure given in first source

5-hydroxy-6-oxasugiol see cupresol

2-hydroxy-3-oxoadipate carboxylase
(RN) EC 4.1.3.15
(RR) 9054-72-2 (CRN)
(SY) 2-ketoglutarate-glyoxylate carboligase
(SY) glyoxylate-oxoglutarate carboligase
(SY) delta-hydroxylaevulinate synthase
(SY) 2-oxoglutarate-glyoxylate carboligase
(HM) *KETOACID-LYASES
(NO) deficient in hyperoxaluria type I

17-hydroxy-3-oxo-17alpha-pregn-4-ene-7alpha,21-dicarboxylic acid, 7-(1-methylethyl) ester, monopotassium salt see SC 27169

6-hydroxy-3-oxo-1,2-benzisoxazolin see Y T0678H

N-(4-(1-(4-hydroxy-2-oxo-2H-1-benzopyran-3-yl)-3-oxobutyl)phenyl)acetamide
(RN) 64180-11-6
(RR) 88217-14-5 ((+-)-isomer)
(HM) ACENOCOUMAROL/*analogs
(NO) acenocoumarin acetamido metabolite; structure given in first source; RN given refers to cpd without isomeric designation

3-hydroxy-7-oxocholanoyltaurine
(SY) 3 alpha-hydroxy-7-keto-5 beta-cholanoyltaurine
(SY) tauro-3 alpha-hydroxy-7-keto-5 beta-cholanoic acid
(SY) 3-HOCT
(HM) TAUROCHOLIC ACID/*analogs

25-hydroxy-10-oxocholecalciferol see 10-keto-25-hydroxyvitamin D3

25-hydroxy-23-oxocholecalciferol see 23-keto-25-hydroxyvitamin D3

25-hydroxy-24-oxocholecalciferol
(RN) 74886-61-6
(SY) 24-keto-25-hydroxyvitamin D3
(SY) 25-hydroxy-24-oxovitamin D3
(HM) CALCIFEDIOL/*analogs
(NO) metabolite of 25-hydroxycholecalciferol

4-hydroxy-2-oxoglutarate aldolase
(RN) EC 4.1.3.16
(SY) 2-oxo-4-hydroxyglutarate aldolase
(SY) 2-keto-4-hydroxyglutarate aldolase
(SY) 2-keto-4-hydroxyglutarate glyoxylate-lyase
(SY) 4-hydroxy-2-ketoglutarate aldolase
(HM) *KETOACID-LYASES
(II) KETOGLUTARIC ACIDS

3-hydroxy-11-oxoolean-12-en-30-oic acid 1,2-cyclohexanedicarboxylate see cicloxolone

5-hydroxy-N-((6-oxo-2-piperidinyl)methyl)-2-(2,2,2-trifluoroethoxy)benzamide see S 26191

12-hydroxy-3-oxo-1,4-pregnadiene-20-carboxylic acid
(RN) 78962-23-9
(SY) 12-OHOPC
(HM) *PREGNADIENES
(NO) RN given refers to (12bcta,20S)-isomer; RN for cpd without isomeric designation not in Chemline 9/85; structure given in first source

20-hydroxy-3-oxo-4-pregnen-21-carboxylic acid
(RN) 2681-56-3
(SY) pregnolic acid
(SY) 20-hydroxy-3-keto-4-pregnen-21-oic acid
(HM) *PREGNENES

13-hydroxy-3-oxo-13,17-secoandrost-1-en-17-oic acid delta lactone see 4,5-dihydrotestolactone

25-hydroxy-23-oxovitamin D3 see 23-keto-25-hydroxyvitamin D3

25-hydroxy-24-oxovitamin D3 see 25-hydroxy-24-oxocholecalciferol

4-hydroxy-1-oxyl-2,2,6,6-tetramethylpiperidine see 2,2,6,6-tetramethyl-4-piperidinol-N-oxyl

N-hydroxyparacetamol see N-hydroxyacetaminophen

4-hydroxypenbutolol
(RN) 81542-82-7
(SY) 4-OH-PB
(HM) *PENBUTOLOL/analogs
(NO) penbutolol metabolite

2-hydroxy-2',3',4',5,5'-pentachlorobiphenyl see 2',3',4',5,5'-pentachloro-2-biphenylol

4-hydroxypentadecenal
(HM) *ALDEHYDES

5-hydroxy-2,2,5,7,8-pentamethylchroman see 2,5,7,8-pentamethyl-1-hydroxychroman

3'-hydroxypentobarbital
(RN) 4241-40-1
(RR) 13865-71-9 ((-)-isomer)
(RR) 23284-37-9 ((+-)-isomer)
(RR) 23714-58-1 (S-(R*,R*)-isomer)
(RR) 23714-59-2 ((R-(R*,S*)-isomer)
(RR) 23746-44-3 (R-(R*,R*)-isomer)
(RR) 30248-10-3 ((R*,S*)-(+-)-isomer)
(RR) 30272-12-9 ((R*,R*)-(+-)-isomer)
(RR) 51237-53-7 (mono-Na salt(R-(R*,S*)-isomer)
(RR) 51237-52-6 (mono-Na salt(S-(R*,R*))-isomer)
(RR) 51237-51-5 (mono-Na salt(S-(R*,S*)-isomer)
(RR) 51237-50-4 (mono-Na salt(R-(R*,R*)-isomer)
(RR) 23714-56-9 (S-(R*,S*))-isomer
(RR) 1866-25-7 ((+)-isomer)
(RR) 1866-24-6 ((-)-isomer)
(HM) PENTOBARBITAL/*analogs
(NO) RN given refers to cpd with unspecified isomeric designation in Chemline

4'-hydroxypentobarbitone
(RN) 87079-96-7
(SY) 4-OHPB
(SY) 5-ethyl-5-(1'methyl-4'-hydroxybutyl)barbituric acid
(HM) PENTOBARBITAL/*analogs
(NO) pentobarbital metabolite; structure given in first source

15-hydroxy-PGD dehydrogenase see prostaglandin D 15-dehydrogenase (NADP+)

19-hydroxy-PGE see 19-hydroxyprostaglandin E

19-hydroxy-PGF1 alpha see 19-hydroxyprostaglandin F

19-hydroxy-PGF2 alpha see 19-hydroxyprostaglandin F

19-hydroxy-PGF see 19-hydroxyprostaglandin F

N-hydroxyphenacetin
(RN) 19315-64-1
(RR) 60902-37-6 (1-(14)C-labeled cpd)
(RR) 4665-04-7 (2-hydroxy isomer)
(RR) 16060-48-3 (3-hydroxy isomer)
(HM) PHENACETIN/*analogs
(NO) RN given refers to parent cpd; structure

3-hydroxyphenazepam
(RN) 70030-11-4
(SY) 3-oxyfenazepam
(HM) *BENZODIAZEPINONES
(PA) BENZODIAZEPINE TRANQUILIZERS
(NO) phenazepam active metabolite in rat & mouse urine

3-hydroxyphencyclidine
(RN) 79787-43-2
(RR) 79295-51-5 (HCl)
(SY) 1-(1-(3-hydroxyphenyl)-cyclohexyl)piperidine
(SY) PCP-3-OH
(HM) PHENCYCLIDINE/*analogs
(PA) ANALGESICS, ADDICTIVE
(NO) RN given refers to parent cpd

4-(3-((2-hydroxy-2-phenethyl)amino/butyl)benzamide HCl see LY 104119

7-(2-(4-hydroxyphenethylamino) cyclopentyl)heptanoic acid
(SY) 13-ApT
(SY) cis-APO
(HM) *PHENETHYLAMINES
(II) PLATELET AGGREGATION/drug eff
(NO) structure given in first source

N-(4-hydroxyphenethyl)cotinine carboxamide
(SY) 4-NCC
(HM) *COTININE/analogs
(NO) structure given in first source

4-hydroxyphenethylene glycol
(RN) 2380-75-8
(SY) para-hydroxyphenethyleneglycol
(SY) 4-hydroxyphenylglycol
(SY) pHPG
(HM) *ETHYLENE GLYCOLS

2-hydroxyphenetidine
(RN) 16060-49-4
(RR) 35712-97-1 (HCl)
(RR) 23424-03-5 (sulfate[2:1])
(HM) *PHENETIDINE/analogs
(NO) RN given refers to parent cpd

4-hydroxyphenformin
(RN) 17426-94-7
(RR) 76152-43-7 (di-HCl)
(RR) 23152-42-3 (HCl)
(RR) 21306-50-3 (mono-HCl)
(HM) PHENFORMIN/*analogs
(NO) RN given refers to parent cpd

4-hydroxyphenobarbital
(RN) 379-34-0
(SY) para-hydroxyphenobarbital
(HM) PHENOBARBITAL/*analogs

2-hydroxyphenol see catechol

1-(4-hydroxyphenoxy)-3 beta-(morpholinocarbonamido) ethylamino-2-propanol, hemi fumarate see ICI 118,587

1-(4-hydroxyphenoxy)-3-isopropylaminopropanol see prenalterol

1-(4-hydroxyphenoxy)-3-[2-(4-morpholinocarboxamido) ethylamino]-2-propanol hemifumarate see xamoterol

N-hydroxyphentermine
(RN) 38473-30-2
(RR) 51835-51-9 (HCl)
(RR) 58670-95-4 (oxalate[2:1])
(RR) 66519-30-0 (oxalate)
(HM) PHENTERMINE/*analogs
(NO) RN given refers to parent cpd

4-hydroxyphenylacetaldoxime
(RN) 23745-82-6
(SY) para-hydroxyphenylacetaldoxime
(HM) *OXIMES
(PA) GLYCOSIDASES/antag

4-hydroxyphenylacetate
(HM) *PHENYLACETATES

p-hydroxyphenylacetic acid see 4-hydroxyphenylacetic acid

2-hydroxyphenylacetic acid
(RN) 614-75-5
(SY) ortho-hydroxyphenylacetic acid
(HM) *PHENYLACETATES
(NO) structure

3-hydroxyphenylacetic acid
(RN) 621-37-4
(SY) meta-hydroxyphenylacetic acid
(HM) *PHENYLACETATES
(NO) metabolite of L-dopa; structure

4-hydroxyphenylacetic acid
(RN) 156-38-7
(SY) para-hydroxyphenylacetic acid
(SY) p-hydroxyphenylacetic acid
(HM) *PHENYLACETATES
(PA) CARCINOGENS
(NO) structure

3-hydroxyphenylalanine see 3-tyrosine

2-((4'-hydroxyphenyl)azo)benzoic acid see HABA

6-(4-hydroxyphenylazo)isocytosine
(RN) 40199-40-4
(HM) CYTOSINE/*analogs
(NO) inhibits replication of DNA; Chemline contains another cpd of this name minus the 2-amino group (RN:39145-62-5)

5-hydroxyphenylazopyridine see
2,6-diamino-5-hydroxy-3-(phenylazo)pyridine

3-hydroxy-2-phenyl-4H-1-benzopyran-4-one see
3-hydroxyflavone

3-hydroxy-2-phenylchromone see 3-hydroxyflavone

1-(1-(3-hydroxyphenyl)-cyclohexyl)piperidine see
3-hydroxyphencyclidine

2-hydroxy-N-(1-phenylcyclohexyl) piperidine
(RN) 83400-97-9
(HM) PHENCYCLIDINE/*analogs
(NO) structure given in first source

3-hydroxyphenyl-3H-diazirine
(RN) 80863-10-1
(SY) meta-hydroxyphenyl 3H-diazirine
(SY) MHPDA
(HM) *AZIRINES
(II) REAGENTS
(NO) reagent for labeling fatty acids; structure given in first source

2-hydroxy-2-phenyl-N,N-diethylacetamide
(SY) HP-DEM
(HM) *ACETAMIDES
(II) INSECT REPELLENTS

4-(3-hydroxyphenyl)-3,4-dimethyl-alpha-phenyl-1-piperidinepropanol see LY117413

o-hydroxyphenylethanol see 2-hydroxyphenylethanol

2-hydroxyphenylethanol
(RN) 7768-28-7
(SY) o-hydroxyphenylethanol
(SY) oHPE
(HM) PHENETHYL ALCOHOL/*analogs
(NO) structure given in first source

4-hydroxyphenylethanol
(RN) 501-94-0
(SY) beta-(4-hydroxyphenyl)ethanol
(SY) para-hydroxyphenylethanol
(SY) tyrosol
(HM) PHENETHYL ALCOHOL/*analogs
(II) PHEROMONES
(NO) in chest gland secretion of galagos

N-(2-cis(4-hydroxyphenyl)ethenyl)formamide see WF 5239

3-hydroxyphenylethylamine see 3-tyramine

3-(2-(N-(3-hydroxyphenylethyl)N-propylamino)ethyl) phenol see RU 24926

4-hydroxyphenyl fentiazac see Wy 25110

9-hydroxyphenylfluoron
(SY) 9-HPF
(HM) *FLUORESCEINS
(II) FLUORESCENT DYES

L-4-hydroxyphenylglycine see 4-hydroxyphenylglycine

4-hydroxyphenylglycine
(RN) 938-97-6
(RR) 6324-01-2 ((+-)-isomer)
(RR) 57099-00-0
(2,4-dimethylbenzenesulfonate(+-)-isomer)
(RR) 60336-81-4 (HBr(+-)-isomer)
(RR) 52067-90-0 (HCl(R)-isomer)
(RR) 57084-62-5
(4-methylbenzenesulfonate(+-)-isomer)
(RR) 40125-75-5 (mono-Na salt)
(RR) 55361-61-0 (mono-Na salt(R)-isomer)
(RR) 59850-64-5 (perchlorate(+-)-isomer)
(RR) 57084-65-8
(2,4-dimethylbenzenesulfonate(R)-isomer)
(RR) 57084-63-6 (4-methylbenzenesulfonate(S)-isomer)
(RR) 32462-30-9 ((S)-isomer)
(RR) 22818-40-. (R)-isomer)
(SY) UK-25842
(SY) oxfenicine
(SY) UK 25842
(SY) L-4-hydroxyphenylglycine
(HM) GLYCINE/*analogs
(NO) RN given refers to cpd without isomeric designation

o-hydroxyphenylglycol see 2-hydroxyphenylglycol

2-hydroxyphenylglycol
(RN) 82807-37-2
(SY) o-hydroxyphenylglycol
(HM) *GLYCOLS

3-hydroxyphenylglycol
(RN) 20150-19-0
(SY) meta-hydroxyphenylglycol
(HM) *GLYCOLS

4-hydroxyphenylglycol see 4-hydroxyphenethylene glycol

4-hydroxyphenylglyoxal
(RN) 24645-80-5
(SY) para-hydroxyphenylglyoxal
(HM) *PHENYLGLYOXAL/analogs
(NO) used to determine available arginine residues in proteins

1-(4-hydroxyphenyl)-2-guanidinoethane see
N-guanyltyramine

3-(3-hydroxyphenyl)-3-hydroxypropanoic acid
(RN) 3247-75-4
(SY) beta-(meta-hydroxyphenyl)hydracrylic acid
(SY) mHPHA
(HM) *PHENYLPROPIONATES

p-hydroxyphenylisopropyladenosine see
N-(4-hydroxyphenyl)-1-isopropyladenosine

N-(4-hydroxyphenyl)-1-isopropyladenosine
(RN) 84930-20-1
(SY) N-(para-hydroxyphenyl)-1-isopropyladenosine
(SY) 4-HPIA
(SY) p-hydroxyphenylisopropyladenosine
(HM) PHENYLISOPROPYLADENOSINE/*analogs
(NO) ligand for adenosine receptors

1-(4-hydroxyphenyl)-2-isopropylaminoethanol see deterenol

4-hydroxyphenylisopropylarterenol
(RN) 2549-15-7
(RR) 37764-22-0 (HCl)
(SY) CC 25
(SY) p-hydroxyphenylisopropylnorepinephrine
(SY) para-hydroxyphenylisopropylarterenol
(SY) CC-25
(HM) NOREPINEPHRINE/*analogs
(PA) ADRENERGIC BETA RECEPTOR AGONISTS
(NO) RN given refers to parent cpd

p-hydroxyphenylisopropylnorepinephrine see
4-hydroxyphenylisopropylarterenol

3-(4-hydroxyphenyl)lactic acid see 4-hydroxyphenyllactic acid

4-hydroxyphenyllactic acid
(RN) 306-23-0
(RR) 6482-98-0 ((DL)-isomer)
(SY) HPLA
(SY) 3-(4-hydroxyphenyl)lactic acid
(SY) para-hydroxyphenyllactic acid
(HM) *PHENYLPROPIONATES
(NO) tyrosing metabolite; RN given refers to cpd without isomeric designation

2-(2'-hydroxyphenyl)-3-(3-mercaptopropanoyl)-4-thiazolidine carboxylic acid see SA 446

1-(4-hydroxyphenyl)-2-methylaminopropanol see oxilofrin

1-(4'-hydroxyphenyl)-2-methylaminopropanol see oxilofrin

N-(o-hydroxyphenylmethylidine)benzylamine see saddamine

N-(2-hydroxyphenylmethylidine)benzylamine see saddamine

1-(4-(m-hydroxyphenyl)-1-methyl-4-piperidyl)-1- propanone see ketobemidone

7-N-(p-hydroxyphenyl)-mitomycin C see
7-N-(4-hydroxyphenyl)mitomycin C

7-N-(4-hydroxyphenyl)mitomycin C
(RN) 70343-57-6
(SY) 7-N-PHPMC
(SY) 7-N-(p-hydroxyphenyl)-mitomycin C
(SY) M 83
(SY) M-83
(SY) KW 2083
(SY) NSC 278891
(SY) NSC-278891
(HM) *MITOMYCINS

1-(2-hydroxyphenyl)-4-(3-nitrophenyl)-1,2,3,6-tetrahydropyrimidin-2-one see AG 3-5

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3-(3-hydroxyphenyl)-N-(2-phenethyl) piperidine
(RN) 19725-24-7
(SY) 3-phenethyl-PP
(HM) *PIPERIDINES
(PA) RECEPTORS, DOPAMINE/antag

5-(2-hydroxyphenyl)-5-phenylhydantoin
(RN) 60919-11-1
(RR) 79554-31-7 (cpd with unspecified hydroxyphenyl locant)
(SY) 5-2-HPPH
(SY) ortho-HPPH
(HM) PHENYTOIN/*analogs
(NO) RN given refers to parent cpd

5-(3-hydroxyphenyl)-5-phenylhydantoin
(RN) 30074-03-4
(RR) 69176-37-0 ((S)-isomer)
(RR) 60966-16-7 ((R)-isomer)
(RR) 60919-10-0 ((+-)-isomer)
(SY) 5-HPPH
(HM) PHENYTOIN/*analogs
(NO) metabolite of phenytoin; RN given refers to cpd without isomeric designation

5-(4-hydroxyphenyl)-5-phenylhydantoin see hydroxyphenytoin

1-(4-hydroxyphenyl)-2-phenyl-4-(2-(phenylthio)ethyl)-3,5-pyrazolidinedione see G 33378

4-(4-hydroxyphenyl)-2-phenyl-5-thiazoleacetic acid see Wy 25110

3-(4-hydroxyphenyl)-1-propane
(RN) 3690-05-9
(SY) 3-OHPP
(HM) *PHENOLS
(PA) DOPAMINE BETA-HYDROXYLASE/antag
(NO) structure given in first source

3-(4-hydroxyphenyl)propanoic acid see phloretic acid

3-(4-hydroxyphenyl)propionic acid N- hydroxysuccinimide ester see N-succinimidyl-3-(4-hydroxyphenyl)propionate

3-(3-hydroxyphenyl)propionic acid see dihydro-3-coumaric acid

3-hydroxy-3-phenylpropionic acid see beta-hydroxyphenylpropionic acid

3-(4-hydroxyphenyl)propionic acid
(RN) 89-23-6
(SY) 4-hydroxyhydrocinnamic acid
(HM) *PHENYLPROPIONATES
(NO) tyrosine metabolite

4-hydroxyphenylpropionic acid see phloretic acid

3-(3-hydroxyphenyl)-N-n-propylpiperidine see n-N-propyl-3-(3-hydroxyphenyl)piperidine

4-hydroxyphenylpyruvate see 4-hydroxyphenylpyruvic acid

(p-hydroxyphenyl)pyruvic acid see 4-hydroxyphenylpyruvic acid

4-hydroxyphenylpyruvic acid
(RN) 156-39-8
(RR) 622-54-8 (ion)
(RR) 114-75-0 (Na salt)
(SY) (p-hydroxyphenyl)pyruvic acid
(SY) 4-hydroxyphenylpyruvate
(SY) para-hydroxyphenylpyruvic acid
(HM) *PHENYLPYRUVIC ACIDS
(NO) RN given refers to parent cpd

N-(4-hydroxyphenyl)-trans-retinamide see N-(4-hydroxyphenyl)retinamide

N-(4-hydroxyphenyl)retinamide
(RN) 65646-68-6
(RR) 75686-07-6 ((13-cis)-isomer)
(SY) N-(4-hydroxyphenyl)retinamide
(SY) N-(4-hydroxyphenyl)-trans-retinamide
(HM) TRETINOIN/*analogs
(NO) used for prevention of breast cancer; RN given refers to cpd without isomeric designation; structure in third source

N-(4-hydroxyphenyl)retinamide see N-(4-hydroxyphenyl)retinamide

hydroxyphenytoin
(RN) 2784-27-2
(RR) 57496-20-5 ((S)-isomer)
(RR) 57496-19-2 ((R)-isomer)
(RR) 57464-82-1 ((+-)-isomer)
(RR) 67928-98-7 (11C-labeled cpd)
(SY) 5-(4-hydroxyphenyl)-5-phenylhydantoin
(HM) PHENYTOIN/*analogs
(NO) main metabolite of diphenylhydantoin; reduces Na(+) inhibition at high Na:K ratios; RN given refers to cpd without isomeric designation; structure

1-hydroxyphthalazine
(RN) 62054-23-3
(HM) *PHTHALAZINES
(NO) RN given refers to cpd with unspecified locants; do not confuse with cpd phthalazinol RN: 56611-65-5

N-hydroxyphthalimide
(RN) 524-38-9
(HM) *PHTHALIMIDES
(NO) causes contact dermititis

hydroxypiperaquine
(RN) 74351-60-3
(SY) hydroxypiperaquine phosphate
(HM) *QUINOLINES
(PA) ANTIMALARIALS
(NO) more effective than chloroquine; RN given refers to tetraphosphate salt; parent cpd not in Chemline 6/17/83; structure in first source

hydroxypiperaquine phosphate see hydroxypiperaquine

4-hydroxypiperidine-N-dithiocarboxylate
(RN) 89970-78-5
(SY) HP-N-DTC
(SY) para-hydroxypiperidine-N-dithiocarboxylate
(HM) *PIPERIDINES
(PA) CADMIUM/antag
(NO) structure given in first source

3-(1-hydroxy-2-piperidinoethyl)-5-phenylisoxazole see perisoxal

5-hydroxy-N-(2-piperidinylmethyl)-2-(2,2,2-trifluoroethoxy)benzamide see S 24623

3-(4-hydroxypiperidyl)-6-(2'-chlorophenyl)pyridazine see CM 40907

hydroxypolyethoxydodecane see polidocanol

4-hydroxy-5-polyprenylbenzoate hydroxylase
(RN) EC 1.14.13.-
(SY) 4-OH-5-PPB hydroxylase
(HM) *HYDROXYLASES
(NO) involved in ubiquinone biosynthesis

6-hydroxyprednisolone
(RN) 16355-29-6
(SY) 6 beta-hydroxyprednisolone
(HM) PREDNISOLONE/*analogs

14-hydroxypregna-1,4-diene-3,20-dione
(SY) 14-OH-PDD
(HM) *HYDROXYPROGESTERONES
(NO) fungal metabolite of progesterone

3-hydroxy-5,7-pregnadien-20-one
(RN) 81968-78-7
(SY) 3 beta-hydroxy-5,7-pregnadien-20-one
(HM) *PREGNADIENES
(NO) equilin precursor in horse fetal gonad; RN given refers to (3beta)-isome.; RN for cpd without isomeric designation not in Chemline 11/83; structure given in first source

17-hydroxypregnanolone
(RN) 40248-23-5
(RR) 6609-97-8 ((3alpha)-isomer)
(RR) 570-51-4 ((3beta,5alpha,14beta,17alpha)-isomer)
(RR) 6890-65-9 ((3alpha,5alpha,17alpha)-isomer)
(RR) 570-54-7 ((3beta,5alpha,17alpha)-isomer)
(RR) 570-52-5 ((3alpha,5beta)-isomer)
(RR) 570-53-6 ((3beta,5beta)-isomer)
(SY) 17-OH-Polone
(SY) 3 alpha,17 alpha-dihydroxy-5 beta-pregnan-20-one
(SY) 3 alpha,17 alpha-dihydroxy-5 alpha-pregnan-20-one
(SY) allopregnane-3 beta,17 alpha-diol-20-one
(SY) 17-(1-ketoethyl)androstane-3,17-diol
(HM) *PREGNANOLONE/analogs
(NO) RN given refers to cpd without isomeric designation

17-hydroxypregnene-C-17-C-20-lyase see 17 alpha-hydroxyprogesterone aldolase

17-hydroxypregnenolone sulfate
(RN) 28901-70-4
(RR) 2477-77-2 (3-sulfate)
(SY) 17 alpha-hydroxypregnenolone sulfate
(HM) HYDROXYPREGNENOLONE/*analogs
(NO) RN given refers to unspecified sulfate position in Chemline

17-hydroxypregnenolone
(RN) 387-79-1
(RR) 1887-95-2 ((3alpha)-isomer)
(RR) 33999-90-5 ((3beta,13alpha)-isomer)
(RR) 33999-97-2 ((3beta,13alpha,17alpha)-isomer)
(RR) 19454-90-1 ((3beta,17alpha)-isomer)
(HM) *HYDROXYPREGNENOLONE
(NO) RN given refers to (3beta)-isomer

21-hydroxy-4-pregnen-3,19,20-trione see 19-oxo-deoxycorticosterone

4-hydroxyprimidone
(RN) 88456-71-7
(SY) para-hydroxyprimidone
(HM) PRIMIDONE/*analogs
(NO) metabolite of primidone; structure given in first source

hydroxyprogesterone caproate see 17 alpha-hydroxyprogesterone caproate

17-hydroxyprogesterone capronate see 17 alpha-hydroxyprogesterone caproate

17-hydroxyprogesterone heptanoate
(RN) 4596-16-1
(SY) 17-alpha-hydroxyprogesterone heptanoate
(HM) *HYDROXYPROGESTERONES

hydroxyprogesterone hexanoate see 17 alpha-hydroxyprogesterone caproate

hydroxyprogesterone lyase see 17 alpha-hydroxyprogesterone aldolase

(17-hydroxyprogesterone)-17,20-lyase see 17 alpha-hydroxyprogesterone aldolase

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11-hydroxyprogesterone
(RN) 312-90-3
(RR) 6141-37-3 ((9beta,10alpha,11alpha)-isomer)
(RR) 600-57-7 ((11beta)-isomer)
(RR) 80-75-1 ((11alpha)-isomer)
(RR) 58894-54-5 ((11alpha,17alpha)-(+-)-isomer)
(RR) 58462-64-9 ((11alpha)-(+-)-isomer)
(SY) 11 beta-hydroxy-4-pregnen-3,20-dione
(SY) 11 alpha-hydroxyprogesterone
(SY) pregn-4-ene-11 beta-ol-3,20-dione
(HM) *HYDROXYPROGESTERONES
(NO) RN given refers to unspecified stereoisomer

15-hydroxyprogesterone
(SY) 15-beta-hydroxyprogesterone
(HM) *HYDROXYPROGESTERONES
(NO) isolated from a glandular annex of rectum of Silpha americana; structure given in first source

16-hydroxyprogesterone
(RN) 14264-44-9
(RR) 17779-71-4 ((16beta)-isomer)
(RR) 438-07-3 ((16alpha)-isomer)
(RR) 2781-78-4 ((9beta,10alpha,16alpha)-isomer)
(RR) 1239-83-4 (4-(14)C-labeled cpd (16alpha)-isomer)
(SY) 16 alpha-hydroxyprogesterone
(HM) *HYDROXYPROGESTERONES
(NO) RN given refers to unlabeled cpd without isomeric designation

17-hydroxyprogesterone
(RN) 68-96-2
(RR) 604-10-4 ((9beta,10alpha)-isomer)
(RR) 604-09-1 ((17alpha)-isomer)
(RR) 3001-40-9 (4-(14)C-labeled cpd)
(SY) 17 alpha-hydroxyprogesterone
(HM) *HYDROXYPROGESTERONES
(NO) RN given refers to cpd without isomeric designation; entry term to HYDROXYPROGESTERONES thru 1982

18-hydroxyprogesterone
(RN) 596-69-0
(HM) *HYDROXYPROGESTERONES

hydroxyproline epimerase
(RN) EC 5.1.1.8
(SY) hydroxyproline 2-epimerase
(HM) *AMINO ACID ISOMERASES

hydroxyproline 2-epimerase see hydroxyproline epimerase

hydroxyproline oxidase
(RN) EC 1.5.99.-
(HM) *AMINE OXIDOREDUCTASES
(NO) oxidizes 4-hydroxy-L-proline to delta1-pyrroline-3-hydroxy-5-carboxylate

(hydroxyproline-proline-glycine)(10) see poly(hydroxyprolylprolylglycine)(10)

3-hydroxyproline
(RN) 567-36-2
(RR) 14916-76-8 ((L)-isomer)
(RR) 4298-08-2 (L-(trans)-isomer)
(RR) 4298-06-0 (DL-(trans)-isomer)
(RR) 4298-05-9 (DL-(cis)-isomer)
(RR) 567-35-1 (L-(cis)-isomer)
(HM) *HYDROXYPROLINE
(II) ISOMERISM
(NO) HM refers to 4-hydroxyproline; RN given refers to cpd without isomeric designation

5-hydroxypropafenone
(RN) 86384-10-3
(HM) *PROPIOPHENONES
(PA) ANTI-ARRHYTHMIA AGENTS
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS

2-hydroxy-1,3-propanedial see reductone

2-hydroxypropionic acid dodecyl ester see Eutanol G

3-hydroxypropionic acid see hydracrylic acid

N-hydroxypropranolol
(RN) 84418-31-5
(RR) 84418-33-7 (HBr)
(RR) 84418-32-6 (oxalate[2:1])
(HM) PROPRANOLOL/*analogs
(NO) structure & RN given in first source; RN given refers to parent cpd

p-hydroxypropranolol glucuronide see 4-hydroxypropranolol glucuronide

4-hydroxypropranolol glucuronide
(SY) 4-HOPG
(SY) p-hydroxypropranolol glucuronide
(HM) PROPRANOLOL/*analogs

4-hydroxypropranolol glycol
(RN) 36112-96-6
(RR) 78524-33-1 (cpd with unpspecified hydroxy locant)
(SY) 3-(4-hydroxy-1-naphthoxy)propane-1,2-diol
(HM) PROPRANOLOL/*analogs
(NO) metabolite of propranolol; structure given in first source

4'-hydroxypropranolol sulfate ester
(RN) 87075-33-0
(SY) 4-HOPS
(SY) 4'-hydroxypropranolol sulfate
(HM) PROPRANOLOL/*analogs
(NO) propranolol urinary metabolite; structure given in first source

4'-hydroxypropranolol sulfate see 4'-hydroxypropranolol sulfate ester

4-hydroxypropranolol
(RN) 10476-53-6
(RR) 14133-90-5 (HCl)
(RR) 76792-97-7 ((R)-isomer)
(RR) 76792-96-6 ((S)-isomer)
(RR) 69499-28-1 ((+-)-isomer)
(RR) 69233-16-5 (HCl(+-)-isomer)
(SY) 1-(4-hydroxynaphth-1-yloxy)-3-isopropylamino-2-propanol
(HM) PROPRANOLOL/*analogs
(NO) metabolite of propanolol; RN given refers to parent cpd without isomeric designation

hydroxypropyl cellulose see hydroxypropylcellulose

hydroxypropylcellulose
(RN) 9004-64-2
(SY) hydroxypropyl ether of cellulose
(SY) hydroxypropyl cellulose
(HM) CELLULOSE/*analogs
(NO) component of contact lens wetting solutions

2-hydroxy-1,3-propylenediamine-N,N,N',N'- tetra(methylenephosphonic acid)
(SY) 2-HPDTMP
(HM) *ORGANOPHOSPHORUS COMPOUNDS
(PA) MUTAGENS

hydroxypropyl ether of cellulose see hydroxypropylcellulose

N-3'-(2-hydroxypropyl)histidine
(RN) 81790-79-6
(SY) HOPrHis
(HM) HISTIDINE/*analogs

N-(2-hydroxypropyl)methacrylamide polymer see Duxon

N-(2-hydroxypropyl)methacrylamide
(RN) 21442-01-3
(HM) *ACRYLAMIDES

hydroxypropyl methacrylate
(RN) 27813-02-1
(SY) HPMA
(HM) *METHACRYLATES
(NO) RN given refers to cpd with unspecified hydroxy-locant; see also record for 2-hydroxypropyl methacrylate

2-hydroxypropyl methacrylate
(RN) 923-26-2
(SY) methacrylic acid 2-hydroxypropyl ester
(HM) *METHACRYLATES

hydroxypropylmethylcellulose see hydroxypropyl methylcellulose

hydroxypropyl methylcellulose
(RN) 9004-65-3
(SY) Tearisol
(SY) hydroxypropylmethylcellulose
(HM) METHYLCELLULOSE/*analogs
(NO) component of contact lens wetting solutions; sperm immobilizer

1-(2'-hydroxypropyl)-2-methyl-5- nitroimidazole see secnidazole

N-(2-hydroxypropyl)-N-nitrosourea
(RN) 71752-69-7
(SY) N-nitroso-2-hydroxypropylurea
(HM) *NITROSOUREA COMPOUNDS
(PA) CARCINOGENS
(NO) structure given in first source

N-(3-hydroxypropyl)-N-nitrosourea
(RN) 71752-70-0
(SY) N-nitroso-3-hydroxypropylurea
(HM) *NITROSOUREA COMPOUNDS
(PA) CARCINOGENS
(NO) structure given in first source

8-hydroxy-N-n-propylnoraporphine
(RN) 61367-89-3
(RR) 61367-88-2 (HI(+-)-isomer)
(SY) 8-OHPNA
(HM) *APORPHINES
(NO) RN given refers to HBr(+-)-isomer; RN for parent cpd not in Chemline 3/85

2-hydroxypropyl-n-propylnitrosamine
(RN) 39603-53-7
(SY) N-nitroso-2-hydroxypropylpropylamine
(HM) *NITROSAMINES

hydroxypropylsephadex see sephadex, 2-hydroxypropyl ether

hydroxypropylsephadex G 100 see sephadex, 2-hydroxypropyl ether

2-hydroxypropyl starch ether see 2-hydroxypropyl starch

2-hydroxypropyl starch
(RN) 9049-76-7
(SY) 2-hydroxypropyl starch ether
(HM) STARCH/*analogs
(NO) prolongs the effect of local anesthetic

1-((2-hydroxy-3-propyl)-4-(1H-tetrazol-5-yl) butoxyphenyl)ethanone see LY 171883

7-(2-hydroxypropyl)theophylline see proxyphylline

3-hydroxyproquazone
(RN) 65765-07-3
(SY) meta-hydroxyproquazone
(HM) *QUINAZOLINES
(PA) ANTI-INFLAMMATORY AGENTS
(NO) proquazone metabolite; structure given in first source

15-hydroxyprostaglandin dehydrogenase
(RN) EC 1.1.1.141
(RR) 9030-87-9 (CRN)
(SY) 15-ketoprostaglandin reductase
(SY) prostaglandin-15-hydroxydehydrogenase
(SY) 15-HPDnase
(HM) *HYDROXYPROSTAGLANDIN DEHYDROGENASES
(NO) catalyzes reversibly the oxidation of 11 alpha, 15-dihydroxy-9-ketoprost-13-enoate to 11 alpha-9,15-diketoprost-13-enoate in presence of NAD

9-hydroxyprostaglandin dehydrogenase
(RN) EC 1.1.1.-
(SY) 9-ketoprostaglandin reductase
(SY) prostaglandin-9-hydroxydehdrogenase
(SY) PGE2 9-ketoreductase
(SY) PGE 9-ketoreductase
(SY) prostaglandin E2-9-oxoreductase
(HM) *HYDROXYPROSTAGLANDIN DEHYDROGENASES
(NO) catalyzes reversibly an NAD+ dependent oxidation of the 9alpha-hydroxyl group of 15-keto-13,14-dihydro-PGF2alpha to 15-keto 13,14-dihydro-PGE2; also acts on PGA1

19-hydroxyprostaglandin E
(RN) 55123-67-6
(RR) 55123-68-7
(19-hydroxy-PGE2(5Z,11alpha,13E,15S)-isomer)
(RR) 41693-65-6 ((+-)-isomer)
(RR) 54142-29-9 ((5Z,11alpha,13E,15S,19S)-isomer)
(RR) 70287-55-7 ((5Z,8beta,11alpha,13E,15S)-isomer)
(RR) 55123-67-6
(19-hydroxy-PGE1(11alpha,13E,15S)-isomer)
(RR) 54078-44-3 ((11alpha,13E,15S,19S)-isomer)
(RR) 70287-54-6 ((8beta,11alpha,13E,15S)-isomer)
(RR) 68295-73-8 ((11alpha,13E,15S,19R)-(+-)-isomer)
(RR) 68295-72-7 ((11alpha,13E,15S,19S)-(+-)-isomer)
(RR) 68295-75-0 ((11alpha,13Z,15S,19R)-(+-)-isomer)
(RR) 68295-74-9 ((11alpha,13Z,15R,19S)-(+-)-isomer)
(SY) 19-OH PGE
(SY) 19-hydroxy-PGE
(HM) *PROSTAGLANDINS E
(NO) RN given refers to (11alpha,13E,15S)-isomer; RN for cpd without isomeric designation not in Chemline 8/9/83

19-hydroxyprostaglandin F
(RN) 56932-60-6
(RR) 64625-53-2
((5Z,9alpha,11alpha,13E,15S,19R)-isomer)
(SY) 19-OH PGF
(SY) 19-hydroxy-PGF
(SY) 19-hydroxy-PGF1 alpha
(SY) 19-hydroxy-PGF2 alpha
(HM) *PROSTAGLANDINS F
(NO) RN given refers to (5Z,9alpha,11alpha,13E,15S)-isomer; RN for cpd without isomeric designation not in Chemline 7/84

5-hydroxyprostaglandin I
(SY) 5-OH-PGX
(HM) *PROSTAGLANDINS X

1-hydroxypseudo-DES see 1-hydroxypseudodiethylstilbestrol

1-hydroxypseudodiethylstilbestrol
(RN) 68034-40-2
(RR) 68034-37-7 ((E)-isomer)
(SY) 1-hydroxypseudo-DES
(SY) OH-psi-DES
(HM) DIETHYLSTILBESTROL/*analogs
(II) ISOMERISM
(NO) RN given refers to (Z)-isomer; RN for cpd without isomeric designation not in Chemline 7/84

4-hydroxypyrazole
(RN) 4843-98-5
(HM) *PYRAZOLES

8-hydroxypyrene-1,3,6-trisulfonate see pyranine

1-hydroxypyrene
(RN) 5315-79-7
(RR) 63021-84-1 (cpd with unspecified locants)
(HM) *PYRENES
(PA) MUTAGENS
(NO) pyrene metabolite; RN given refers to parent cpd

hydroxypyridines
(HM) *PYRIDINES

2-hydroxypyridine
(RN) 142-08-5
(RR) 930-70-1 (Na salt)
(SY) 2-pyridinone
(HM) *PYRIDONES
(NO) cpd is keto-enol tautomer; RN given refers to parent cpd

3-hydroxypyridine
(RN) 109-00-2
(RR) 27341-45-3 (unspecified isomer)
(RR) 65520-06-1 (HCl)
(RR) 52536-09-1 (Na salt)
(RR) 40867-15-0 (Ag(1+) salt)
(SY) 3-hydroxypyridinium
(HM) *PYRIDINES
(II) ANTIOXIDANTS
(NO) RN given refers to parent cpd

3-hydroxypyridinium see 3-hydroxypyridine

3-hydroxy-2-pyridinone see 2,3-dihydroxypyridine

3-hydroxy-4-pyridone
(RN) 1121-23-9
(HM) *PYRIDONES
(PA) THYROID ANTAGONISTS
(NO) structure

4-hydroxy-2-pyridone see 2,4-dihydroxypyridine

2-hydroxypyrimidine
(RN) 557-01-7
(HM) *PYRIMIDINES

3-hydroxy-4-pyrone see pyromeconic acid

hydroxypyruvaldehyde
(RN) 997-10-4
(HM) *PYRUVALDEHYDE/analogs

hydroxypyruvaldehyde phenylosazone
(RN) 2774-78-9
(SY) HPAPO
(HM) *PYRUVALDEHYDE/analogs
(HM) *HYDRAZONES
(NO) structure given in first source

hydroxypyruvate-P glutamate transaminase see phosphoserine aminotransferase

hydroxypyruvate reductase
(RN) EC 1.1.1.81
(RR) 9059-44-3 (CRN)
(HM) *ALCOHOL OXIDOREDUCTASES

hydroxypyruvic acid
(RN) 1113-60-6
(RR) 3369-79-7 (Li salt)
(SY) 3-hydroxypyruvic acid
(SY) beta-hydroxypyruvate
(HM) *PYRUVATES
(NO) RN given refers to parent cpd

3-hydroxypyruvic acid see hydroxypyruvic acid

3-hydroxyquinidine
(RN) 53467-23-5
(RR) 60761-51-5 ((3alpha,9S)-isomer)
(RR) 78549-61-8 ((8alpha,9R)-isomer)
(SY) 3-hydroxyquinine
(HM) QUINIDINE/*analogs
(NO) RN given refers to (9S)-isomer; RN for cpd without isomeric designation not in Chemline 8/9/83

3-hydroxyquinine see 3-hydroxyquinidine

hydroxyquinol see hydroxyhydroquinone

hydroxyquinol 1,2-dioxygenase
(RN) EC 1.13.11.-
(SY) 1,2,4-trihydroxybenzene 1,2-dioxygenase
(HM) *OXYGENASES
(NO) catalyzes oxidative ring fission of hydroxyquinol to yield 3-hydroxy-cis,cis-muconate; contains ferric iron; specific for hydroxyquinol

8-hydroxyquinoline-5-sulfonate see 8-hydroxyquinoline-5-sulfonic acid

8-hydroxyquinoline-5-sulfonic acid
(RN) 84-88-8
(RR) 22243-63-6 (mono-Na salt)
(RR) 68969-88-0 (mono-K salt)
(SY) oxine-5-sulfonic acid
(SY) 8-quinolinol-5-sulfonic acid
(SY) 8-hydroxyquinoline-5-sulfonate
(SY) copper 8-oxyquinoline sulfonate
(HM) *8-HYDROXYQUINOLINE/analogs
(NO) RN given refers to parent cpd

4-hydroxyquinoline
(RN) 611-36-9
(HM) *HYDROXYQUINOLINES

3-hydroxy-2-quinoxalinecarboxylic acid
(RN) 1204-75-7
(HM) *QUINOXALINES
(PA) ANTICONVULSANTS
(NO) structure given in first source

3-hydroxyresveratol see piceatannol

4-hydroxyretinoic acid
(RN) 66592-72-1
(RR) 73366-04-8 (duplicate RN)
(RR) 75281-25-3 ((13-cis)-isomer)
(SY) 4-hydroxy-13-retinoic acid
(SY) 4-hydroxy-13-cis-retinoic acid
(HM) TRETINOIN/*analogs
(NO) RN given refers to cpd without isomeric designation; structure

4-hydroxy-13-cis-retinoic acid see 4-hydroxyretinoic acid

4-hydroxy-13-retinoic acid see 4-hydroxyretinoic acid

5-((E)-(1S,5S,6R,7R)-7-hydroxy-6-((E)-(3S,4RS)-3-hydroxy-4-methyloct-1-en-6-yn-yl-bicyclo(3.3.0)-octan-3-ylidene)pentanoic acid see ciloprost

1'-hydroxysafrole
(RN) 5208-87-7
(HM) *SAFROLE/analogs

19-hydroxysenecionine
(RN) 85611-43-4
(RR) 84487-99-0 (former CAS registry number)
(HM) *PYRROLIZIDINE ALKALOIDS
(NO) metabolite of senocionine

1-hydroxyserirubicin
(HM) ANTHRAQUINONES
(PA) ANTIBIOTICS
(NO) isolated from Streptomyces cyaneus; structure given in first source

4-D-hydroxysphinganine see phytosphingosine

3-hydroxy-5-spirostan-2,12-dione see nummularogenin

3(17)-hydroxysteroid dehydrogenase
(RN) EC 1.1.1.-
(SY) 3(17)alpha-hydroxysteroid dehydrogenase
(HM) *HYDROXYSTEROID DEHYDROGENASES
(NO) from cytosol of female rabbit kidney; acts on both androgen & estrogen substrates

19-hydroxysteroid hydroxylase see steroid 19-hydroxylase

hydroxysteroid sulfotransferase see alcohol sulfotransferase

21-hydroxysteroid sulfotransferase see alcohol sulfotransferase

2-hydroxystilbamidine isethionate
(RN) 533-22-2
(HM) *HYDROXYSTILBAMIDINE/analogs
(II) FLUORESCENT DYES
(NO) 2-hydroxystilbamidine compounded with diisethionate

4-hydroxystyrene 7,8-glycol
(HM) *PHENOLS
(NO) structure given in first source

4-hydroxystyrene 7,8-oxide
(HM) *PHENOLS
(NO) structure given in first source

4-hydroxystyrene see 4-vinylphenol

N-hydroxysuccinimide
(RN) 6066-82-6
(HM) *SUCCINIMIDES
(NO) structure

N-hydroxysuccinimide S-acetylthioacetate
(RN) 76931-93-6
(SY) S-acetylthioacetic acid N-hydroxysuccinimide ester
(SY) SATA
(HM) *SUCCINIMIDES
(HM) *SULFIDES
(II) INDICATORS AND REAGENTS
(NO) introduces sulfhydryl groups into proteins; structure given in first source

N-hydroxysuccinimide iodo-p-hydroxyphenylpropionate see Bolton-Hunter reagent

hydroxysuccinimidyl-p-azidobenzoate see hydroxysuccinimidyl-4-azidobenzoate

N-hydroxysuccinimidyl-4-azidobenzoate see hydroxysuccinimidyl-4-azidobenzoate

hydroxysuccinimidyl-4-azidobenzoate
(RN) 53053-08-0
(SY) 4-azidobenzoic acid N-hydroxysuccinimide ester
(SY) HSAB
(SY) hydroxysuccinimidyl-p-azidobenzoate
(SY) N-hydroxysuccinimidyl-4-azidobenzoate
(HM) *AZIDES
(II) CROSS-LINKING REAGENTS
(II) AFFINITY LABELS

N-hydroxysuccinimidyl 4-azidosalicylate see 4-azidosalicylic acid N-hydroxysuccinimide ester

N-hydroxysuccinimidyl 4-(N-maleimidomethylcyclohexane)-1-carboxylate see N-(4-carboxycyclohexylmethyl)maleimide N-hydroxysuccinimide ester

4-hydroxysulfamerazine
(SY) 4-HSA
(HM) SULFAMERAZINE/*analogs
(NO) metabolite of sulfamerazine; structure given in first source

hydroxy(4-sulfophenyl)mercury see 4-hydroxymercuribenzenesulfonate

3-hydroxytamoxifen
(RN) 82413-20-5
(SY) meta-hydroxytamoxifen
(HM) TAMOXIFEN/*analogs
(PA) ESTROGEN ANTAGONISTS

4'-hydroxytamoxifen see 4-hydroxytamoxifen

4-hydroxytamoxifen
(RN) 68392-35-8
(RR) 65213-48-1 ((Z)-isomer)
(RR) 68047-06-3 ((E)-isomer)
(SY) para-hydroxytamoxifen
(SY) tamoxifen metabolite B
(SY) 4'-hydroxytamoxifen
(HM) TAMOXIFEN/*analogs
(PA) ESTROGEN ANTAGONISTS
(NO) RN given refers to cpd without isomeric designation

4-(2-hydroxy-3-tert-butylaminopropoxy)-2- methylindole
(RN) 23869-98-9
(RR) 62658-85-9 ((+-)-isomer)
(SY) 18-502
(SY) SAN 21009
(SY) Sandoz-21-009
(HM) PINDOLOL/*analogs
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS
(NO) active metabolite of bopindolol; structure given in first source; RN given refers to cpd without isomeric designation

O-(2-hydroxy-3-(tert-butylamino)propyl)-3,3,5-trimethylcyclohexanone oxime oxalate see O-(2-hydroxy-3-(tert-butylamino)propyl)-3,3,5-trimethylcyclohexanone oxime

O-(2-hydroxy-3-(tert-butylamino)propyl)-3,3,5-trimethylcyclohexanone oxime
(SY) POS 7
(SY) O-(2-hydroxy-3-(tert-butylamino)propyl)-3,3,5-trimethylcyclohexanone oxime oxalate
(HM) *PROPANOLAMINES
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS
(NO) structure given in first source

11-hydroxytestosterone
(RN) 1816-85-9
(RR) 3066-12-4 ((11alpha,17beta)-isomer)
(RR) 21667-28-7 ((9beta,10alpha,11beta,17beta)-isomer)
(RR) 6148-29-4 ((9beta,10alpha,11alpha,17beta)-isomer)
(SY) 11 beta-hydroxytestosterone
(HM) *HYDROXYTESTOSTERONES
(NO) RN given refers to (11 beta,17 beta)-isomer; RN for cpd without isomeric designation not in Chemline 7/29/83

15-hydroxytestosterone
(RN) 2226-70-2
(RR) 87936-17-2 ((17 beta)-isomer)
(RR) 39605-73-7 ((15beta,17beta)-isomer)
(SY) 15 alpha-hydroxytestosterone
(HM) *HYDROXYTESTOSTERONES
(NO) RN given refers to (15alpha,17beta)-isomer; RN for cpd without isomeric designation not in Chemline 6/85

16-hydroxytestosterone
(RN) 63-01-4
(RR) 41469-94-7 ((16beta,17alpha)-isomer)
(RR) 17528-90-4 ((16beta,17beta)-isomer)
(RR) 2781-80-8 ((9beta,10alpha,16alpha,17beta)-isomer)
(SY) 16 alpha-hydroxytestosterone
(HM) *HYDROXYTESTOSTERONES
(NO) RN given refers to (16alpha,17beta)-isomer; RN without isomeric designation not in Chemline 6/85

3-hydroxytetradecanoic acid see beta-hydroxymyristic acid

4-hydroxy-2-tetradecenal
(RN) 81335-92-4
(HM) *ALDEHYDES

10-hydroxy-7,8,9,10-tetrahydrobenzo(a) pyrene
(RN) 17573-24-9
(SY) 10-HTBP
(HM) *BENZOPYRENES
(PA) CARCINOGENS

7-hydroxy-7,8,9,10-tetrahydrobenzo(a) pyrene
(RN) 6272-55-5
(SY) 7-HTBP
(HM) *BENZOPYRENES
(PA) CARCINOGENS

6-hydroxytetrahydro-beta-carboline see 5-hydroxytryptoline

3'-hydroxytetrahydrocannabinol-delta(9) see 3'-hydroxy-delta(9)-tetrahydrocannabinol

3-hydroxy-4,5,6,7-tetrahydroisoxazolo(5,4-c)pyridine-7-carboxylic acid
(SY) 7-HPCA
(HM) *ISOXAZOLES
(NO) structure given in first source

6-hydroxytetrahydronornarmane see 5-hydroxytryptoline

5-hydroxy-9H-1,2,3,4-tetrahydropyrido(3,4-b)indole see 5-hydroxytryptoline

5-hydroxy-3',4',6,7-tetramethoxyflavone
(RN) 21763-80-4
(SY) HTMF
(HM) *FLAVONES
(II) PLANTS, MEDICINAL
(NO) isolated from Artemisia argyi

6-hydroxy-2,5,7,8-tetramethylchroman-2-carboxylic acid see trolox C

6-hydroxy-2,2,5,7-tetramethylchroman
(RN) 14074-92-1
(HM) *CHROMANS

2-(3-hydroxy-3,7,11,15-tetramethylhexadecyl)-3,5,6-trimethylbenzoquinol see alpha-tocopherol quinol

2-(3-hydroxy-3,7,11,15-tetramethylhexadecyl)- 3,5,6-trimethyl-1,4-benzoquinone see tocopherylquinone

4-hydroxy-2,2,6,6-tetramethylpiperidinoxy radical see 2,2,6,6-tetramethyl-4-piperidinol-N-oxyl

2-(10-hydroxy-3,7,9,11-tetramethyl-2,4,7,11-tridecatetraenyl)-5,6-dimethoxy-3-methyl-4-pyridinol see piericidin A

3'-hydroxy-THC see 3'-hydroxy-delta(9)-tetrahydrocannabinol

5-hydroxythienilic acid
(RN) 90966-18-0
(SY) 5-hydroxytienilic acid
(SY) 5-hydroxyticrynafen
(HM) *TICRYNAFEN/analogs
(NO) metabolite of ticrynafen; structure given in first source

17-hydroxy-11-(2-thienyl)-19-norpregna-4,9-dien-20-yn-3-one see RU 25055

5-hydroxyticrynafen see 5-hydroxythienilic acid

5-hydroxytienilic acid see 5-hydroxythienilic acid

N-hydroxy-o-toluidine see N-hydroxy-2-toluidine

N-hydroxy-2-toluidine
(RN) 611-22-3
(SY) N-hydroxy-o-toluidine
(HM) *TOLUIDINES
(NO) metabolite of 2-toluidine & 2-nitrosotoluene; structure given in first source

6-hydroxy-2,4,5-triaminopyrimidine
(RN) 1004-75-7
(RR) 51324-37-9 (di-HCl)
(RR) 35267-74-8 (unspecified sulfate)
(RR) 35011-47-3 (sulfate[1:1])
(SY) 2,4,5-triamino-6-hydroxypyrimidine
(SY) 2,5,6-TRIAMINO-4-PYRIMIDINONE
(HM) *PYRIMIDINES
(NO) pyrimidine moiety of pterins; RN given refers to parent cpd; structure

hydroxytriamterene sulfate ester
(RN) 61867-18-3
(SY) hydroxytriamterene sulfuric acid ester
(HM) TRIAMTERENE/*analogs
(NO) RN given refers to parent cpd

hydroxytriamterene sulfuric acid ester see hydroxytriamterene sulfate ester

4-hydroxytriamterene
(RN) 1226-52-4
(RR) 68135-46-6 (cpd without locant for hydroxide group)
(SY) para-hydroxytriamterene
(HM) TRIAMTERENE/*analogs
(PA) DIURETICS
(NO) active metabolite of triamterene; RN given refers to cpd with OH in para position

16-hydroxytrichodermadienediol A
(RN) 86004-56-0
(HM) TRICHOTHECENES
(PA) ANTIBIOTICS
(NO) fermentation product of Myrothecium verrucaria; structure in first source

16-hydroxytrichodermadienediol B
(RN) 86023-75-8
(HM) TRICHOTHECENES
(PA) ANTIBIOTICS
(NO) fermentation product of Myrothecium verrucaria; structure in first source

1-hydroxytrimetrosin see CP 23445

threo-1-(2-hydroxy-2-(3,4,5-trimethoxyphenyl)-1-methylethyl)-4-(1,3-dihydro-2H-benzimidazol-2-one-1-yl)piperidine see KF 4942

3-hydroxy-N(δ)-trimethyl-lysine
(HM) HYDROXYLYSINE/*analogs
(NO) intermediate in carnitine biosynthesis; structure given in first source

3-hydroxy-N,N,N-trimethylpropanaminium see homocholine

7-hydroxytropolone
(RN) 33739-50-3
(HM) *TROPOLONE/analogs
(NO) structure

N-hydroxy-Trp-P-2 see 3-hydroxyamino-1-methyl-5H-pyrido(4,3-b)indole

5-hydroxytryptamine creatinine sulfate
(RN) 971-74-4
(SY) serotonin-creatinine sulfate
(HM) *SEROTONIN
(HM) *CREATININE
(HM) DRUG COMBINATIONS

5-hydroxytryptamine O-sulfate
(RN) 16310-20-6
(RR) 2906-14-1 (sulfate)
(SY) serotonin O-sulfate
(HM) SEROTONIN/*analogs
(NO) found in superfusates of rat spinal cord; RN given refers to hydrogen sulfate ester

6-hydroxytryptamine
(RN) 443-31-2
(RR) 38555-08-7 (mono-HBr)
(RR) 37102-46-8 (mono-HCl)
(HM) *SEROTONIN
(II) ISOMERISM
(NO) RN given refers to parent cpd

5-hydroxytryptoline
(RN) 23778-34-9
(RR) 38421-97-5 (mono-HCl)
(SY) 5-hydroxy-9H-1,2,3,4-tetrahydropyrido(3,4-b) indole
(SY) 6-hydroxytetrahydronornarmane
(SY) 6-hydroxytetrahydro-beta-carboline
(SY) 6-hydroxytryptoline
(HM) *CARBOLINES
(NO) results from the action of an enzymatic preparation from human brain on 5-hydroxytryptamine; structure

6-hydroxytryptoline see 5-hydroxytryptoline

4-hydroxyundecenal see 4-hydroxy-2-undecenal

4-hydroxy-2-undecenal
(RN) 29343-58-6
(RR) 32775-81-8 ((E)-isomer)
(RR) 73529-66-5 (cpd with unspecified alkene locant)
(SY) 4-hydroxyundecenal
(HM) *ALDEHYDES
(NO) RN given refers to cpd without isomeric designation

2-hydroxy-3-undecyl-1,4-naphthoquinone
(RN) 41245-59-4
(SY) HUNQ
(HM) *NAPHTHOQUINONES
(NO) inhibits mitochondrial respiration

4-hydroxy-6-undecyl-2H-pyran-2-one
(RN) 81017-03-0
(SY) 4-OH-6-UP
(HM) *PYRONES
(PA) PANCREATOPEPTIDASE/antag
(NO) structure given in first source

5-hydroxyuracil
(HM) URACIL/*analogs
(PA) ANTINEOPLASTIC AGENTS
(NO) used in treatment of colonic adenocarcinoma

N-hydroxyurethane
(RN) 589-41-3
(SY) hydroxycarbamic acid ethyl ester
(SY) ethyl N-hydroxycarbamate
(HM) URETHANE/*analogs
(PA) CARCINOGENS
(PA) ANTINEOPLASTIC AGENTS
(NO) structure

5-hydroxyuridine
(RN) 957-77-7
(SY) isobarbituridine
(HM) URIDINE/*analogs
(PA) ANTINEOPLASTIC AGENTS

1-hydroxyvitamin D3 25-hydroxylase
(RN) EC 1.14.13.-
(SY) 1 alpha-hydroxyvitamin D3 25-hydroxylase
(SY) 1-OH-D3 25-hydroxylase
(SY) 1-hydroxycholecalciferol 25-hydroxylase
(HM) *STEROID HYDROXYLASES

25-hydroxyvitamin D(3)-24-hydroxylase see 25-hydroxycholecalciferol-24-hydroxylase

25-hydroxyvitamin D(3)-24R-hydroxylase see 25-hydroxycholecalciferol-24-hydroxylase

hydroxyvitamin K see gamma-hydroxyvitamin K

25-hydroxyvitamin D(3) 26,23-lactol see calcifediol lactol

25-hydroxyvitamin D(3) 26,23-lactone see calcifediol lactone

25-hydroxy vitamin D3-26,23-lactone see calcifediol lactone

25-hydroxyvitamin D3-26,23-peroxylactone
(RN) 84070-69-9
(SY) 25-hydroxycholecalciferol 23,26-peroxylactone
(SY) 25(OH)D3-POL
(HM) *HYDROXYCHOLECALCIFEROLS
(NO) metabolite from serum of rats given large doses of vitamin D3

25-hydroxyvitamin D3 receptor see 25-hydroxycholecalciferol receptor

25-hydroxyvitamin D2 see 25-hydroxyergocalciferol

26-hydroxyvitamin D3 see 26-hydroxycholecalciferol

N-hydroxyxanthine
(RN) 13479-29-3
(RR) 64038-49-9 (monohydrate)
(SY) 3-hydroxyxanthine
(HM) *XANTHINES
(PA) CARCINOGENS
(NO) RN given refers to parent cpd

1-hydroxyxanthine
(RN) 1932-15-6
(RR) 64038-48-8 (dihydrate)
(HM) *XANTHINES
(NO) RN given refers to parent cpd; structure given in first source

3-hydroxyxanthine see N-hydroxyxanthine

hygrine
(RN) 496-49-1
(RR) 22153-51-1 (2-(14)C-labeled cpd (+-)-isomer)
(HM) *PYRROLIDINES
(NO) RN given refers to (R)-isomer; RN for cpd without isomeric designation not in Chemline 8/9/83

hygrolidin amide
(HM) LACTONES
(PA) ANTIBIOTICS
(NO) isolated from Streptomyces hygroscopicus, structure in first source

hygromycin see hygromycin A

hygromycin A
(RN) 6379-56-2
(SY) hygromycin
(HM) *HYGROMYCIN B/analogs
(NO) produced by Streptomyces hygroscopicus, same organism producing /LOGIN

hygromycin B phosphotransferase see kanamycin kinase

hygronium
(RN) 1018-34-4
(SY) 1,1-dimethylpyrrolidine-2-carboxylic acid trimethylaminoethyl ester
(HM) PROLINE/*analogs
(PA) GANGLIONIC BLOCKADERS
(NO) structure

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hylambatin
(RN) 80890-46-6
(SY)
Asp-Pro-Pro-Asp-Pro-Asp-Arg-Phe-Tyr-Gly-Met-Met- NH2
(HM) *PHYSALAEMIN/analogs
(NO) isolated from skin of African frog Hylambates maculatus; RN from Toxline; RN not in Chemline 6/84

hylase
(RN) EC 3.4.-
(HM) *PEPTIDE HYDROLASES
(NO) bacterial protease; do not confuse with hylase which can also mean HYALURONIDASE

Hyl diglycoside see hydroxylysine diglycoside

Hylene W see methylene bis(4-cyclohexylisocyanate)

Hyl monoglycoside see hydroxylysine glycoside

hymecromone glucuronide see 4-methylumbelliferyl glucuronide

hymecromone sulfate see 4-methylumbelliferyl sulfate

hymenovin
(RN) 57074-51-8
(RR) 57377-32-9 ((3aR-(3aalpha,4abeta,5alpha,7beta,8aalpha,9alpha,10aalpha))-isomer)
(SY) hymenoxone
(HM) *SESQUITERPENES
(PA) MUTAGENS
(II) TOXINS
(NO) major toxic constituent of poisonous range plant Hymenoxys odorate; shown to be mutagenic; structure

hymenoxone see hymenovin

hyocholic acid see muricholic acid

hyodeoxycholic acid
(RN) 83-49-8
(RR) 10421-49-5 (Na salt)
(RR) 15076-13-8 ((3alpha,6beta)-isomer)
(RR) 668-49-5 ((3alpha,5beta,6beta)-isomer)
(SY) hyodesoxycholic acid
(HM) *DEOXYCHOLIC ACID
(NO) differs from deoxycholic acid in that the 6 alpha-OH is in the 12 position in the former; RN given refers to (3alpha,5beta,6alpha)-isomer; RN for cpd without isomeric designation not in Chemline 8/9/83

hyodeoxyoxazoline
(SY) 2-(3 alpha,6 alpha-dihydroxy-24-nor-5 beta-cholanyl)-4,4-dimethyl-2-oxazoline
(HM) *CHOLANES
(NO) structure given in first source

hyodesoxycholic acid see hyodeoxycholic acid

HYO-procarbazine see N-isopropyl-alpha-(2-methylhydrazo)-4-toluamide

hyoscine methobromide see N-methylscopolamine

Hypalon
(RN) 9008-08-6
(HM) *POLYETHYLENES
(II) RUBBER
(NO) chlorosulfonated polyethylene rubber

Hypan
(RN) 54242-37-4
(SY) hipane
(SY) Gipan
(HM) *ACRYLIC RESINS
(NO) hydrophilic polyacrylonitrile copolymer; used as fast-swelling pressure-resistant laminaria during dilatation

hypaque(M)90 see urovision

Hyp(6)-dermorphin
(RN) 77614-17-6
(HM) *OLIGOPEPTIDES
(PA) NARCOTICS
(NO) opiate-like peptide from frog skin

20-HYP-diol see 20-(1-hexynyl)-5-pregnen-3,20-diol

hypelcin A
(RN) 69910-29-8
(SY) hypelcin-A
(HM) *ALAMETHICIN/analogs
(II) UNCOUPLING AGENTS
(NO) neutral peptide antibiotic with no dissociable acidic residues; acts as uncoupler of oxidative phosphorylation in mitochondria similar to alamethicin

hypelcin-A see hypelcin A

hyperglycemic hormone, arachnidan
(SY) arachnidan hyperglycemic hormone
(SY) hyperglycemic hormone, scorpion
(HM) *NERVE TISSUE PROTEINS
(II) INVERTEBRATE HORMONES

hyperglycemic hormone, crab see hyperglycemic hormone, crustacean

hyperglycemic hormone, crustacean
(SY) crustacean hyperglycemic hormone
(SY) hyperglycemic hormone (shrimp)
(SY) hyperglycemic hormone, shrimp
(SY) hyperglycemic hormone, crab
(HM) *NERVE TISSUE PROTEINS
(II) INVERTEBRATE HORMONES
(NO) from eyestalk of the shrimp Crangon crangon

hyperglycemic hormone, scorpion see hyperglycemic hormone, arachnidan

hyperglycemic hormone, shrimp see hyperglycemic hormone, crustacean

hyperglycemic hormone (shrimp) see hyperglycemic hormone, crustacean

hypericin
(RN) 548-04-9
(HM) *PERYLENE/analogs
(PA) ANTIDEPRESSIVE AGENTS
(NO) structure

hyperoncotic albumin
(SY) salt-poor albumin
(HM) *ALBUMINS
(II) PLASMA SUBSTITUTES
(NO) salt-poor albumin which was used as plasma expander in burn patients; proved ineffective & had adverse effects

hypertane see Diucomb

hypertrehalosaemic factor (Carausius morosus)
(SY) hypertrehalosemic factor I
(SY) hypertrehalosemic factor II
(HM) *INSECT HORMONES
(NO) nonapeptides; factor I similar to locust adipokinetic hormone I, lacking one Asp

hypertrehalosemic factor I see hypertrehalosaemic factor (Carausius morosus)

hypertrehalosemic factor II see hypertrehalosaemic factor (Carausius morosus)

HypNADH see nicotinamide-hypoxanthine dinucleotide

Hypnon see nimetazepam

Hypnorm
(RN) 52869-98-4
(HM) *FENTANYL
(HM) *BUTYROPHENONES
(HM) DRUG COMBINATIONS
(PA) HYPNOTICS AND SEDATIVES
(NO) contains fentanyl & fluanisone

hypobromous acid
(RN) 13517-11-8
(RR) 36505-09-6 (radical ion(1-))
(RR) 13824-97-0 (K salt)
(SY) hydrogen oxybromide
(SY) sodium hypobromite
(SY) hypobromous acid, sodium salt
(HM) *BROMATES
(NO) RN given refers to parent cpd

hypobromous acid, sodium salt see hypobromous acid

hypocalcemic factor, bovine parotid gland see hypocalcemic protein (bovine parotid gland)

hypocalcemic protein (bovine parotid gland)
(SY) hypocalcemic factor, bovine parotid gland
(SY) parotid gland hypocalcemic factor
(SY) parotid gland hypocalcemic protein
(SY) P-MSY
(SY) PMSY
(HM) *SALIVARY PROTEINS
(PA) ANTINEOPLASTIC AGENTS
(II) PAROTIN
(II) HYPOCALCEMIA
(II) PAROTID GLAND
(II) CALCIUM
(NO) MW 66,000; isolated from crude parotin; hypocalcemic for rabbits

hypochlorite see hypochlorous acid

hypochlorous acid
(RN) 7790-92-3
(SY) hypochlorite
(HM) *HYPOCHLOROUS ACIDS

hypoestestatin 1
(HM) *ALKALOIDS
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(NO) from East African shrub Hypoestes verticillaris; structure given in first source

hypoestestatin 2
(HM) *ALKALOIDS
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(NO) from East African shrub Hypoestes verticillaris; structure given in first source

hypoglycin
(RN) 156-56-9
(RR) 10476-42-3 ((S)-isomer)
(RR) 1074-64-2 (carboxy-(14)C-labeled cpd)
(SY) hypoglycin A
(HM) *HYPOGLYCINS
(NO) RN given refers to cpd without isomeric designation

hypoglycin A see hypoglycin

hypolaetin-8-glucoside
(HM) *BIOFLAVONOIDS
(PA) ANTI-INFLAMMATORY AGENTS
(PA) ANTI-ULCER AGENTS
(II) PLANT EXTRACTS
(NO) isolated from Sideritis mugronensis; structure given in first source

hypostamine see tritoqualine

hypotaurine
(RN) 300-84-5
(HM) TAURINE/*analogs
(NO) intermediate in production of taurine in the liver; structure

hypothalamic glucagon releasing peptide see glucagon releasing peptide

hypothalamus-derived growth factor
(SY) aHDGF
(SY) anionic hypothalamus-derived growth factor
(HM) *GROWTH SUBSTANCES
(II) HYPOTHALAMUS/physiol
(NO) MW 18,000; stimulates the proliferation of capillary & human umbilical vein endothelial & 3T3 cells but not vascular smooth muscle cells

hypothiocyanite ion
(RN) 63296-34-4
(SY) OSCN-
(HM) *THIOCYANATES
(PA) ANTI-INFECTIVE AGENTS
(NO) structure

hypoxanthine
(RN) 68-94-0
(HM) *HYPOXANTHINES
(NO) structure in Merck Index, 9th ed, #4791

hypoxanthine arabinoside
(RN) 7013-16-3
(SY) ara-hx
(SY) 9 beta-D-arabinofuranosylhypoxanthine
(SY) AraHx
(SY) 9
beta-D-arabinofuranosyl-1,9-dihydro-6H-purin- 6-one
(HM) *ARABINONUCLEOSIDES
(NO) metabolite of adenine arabinoside used in therapy of ocular herpes

hypoxanthine-DNA glycosylase see DNA(hypoxanthine) glycohydrolase

hyprenan see prenalterol

hypromellose
(RN) 8063-82-9
(HM) CELLULOSE/*analogs
(HM) DRUG COMBINATIONS
(PA) VASOCONSTRICTOR AGENTS, NASAL
(NO) contains 2-hydroxypropyl cellulose ether & cellulose methyl ether

hypsorhodopsin
(HM) *RHODOPSIN/analogs
(NO) formed by the irradiation of rhodopsin

hypusine
(RN) 34994-11-1
(SY) N(6)-(4-amino-2-hydroxybutyl)-L-lysine
(HM) LYSINE/*analogs
(NO) N-terminal amino alcohol deriv of Lys occurring in bovine brain & in the urine of children with familial hyperlysinemia; minor descriptor (75-82); online & Index Medicus search LYSINE/AA (75-82)

hyrtial
(HM) *TERPENES
(PA) ANTI-INFLAMMATORY AGENTS
(II) PORIFERA
(NO) norsesterterpene from marine sponge Hyrtios erecta; structure given in first source

hytrast see iopydone

hyvar X see bromacil

H104-08 see pamatolol

H110/38 see tazolol

H117-04
(RN) 56392-14-4
(SY) H 117-04
(HM) METOPROLOL/*analogs
(NO) pharmacologically inactive urinary metoprolol metabolite; structure in first source

H 117-04 see H117-04

H 119-66 see H119-66

H119-66
(RN) 56392-16-6
(SY) alpha-hydroxymetoprolol
(SY) H 119-66
(HM) METOPROLOL/*analogs
(NO) pharmacologically active urinary metoprolol metabolite 5 to 10X less potent than metoprolol; cpd is alpha-hydroxymetoprolol; structure in first source

H1285 see H 1285

H 1285
(RN) 71868-47-8
(RR) 42576-23-8 (HCl)
(RR) 35258-11-8 ((E)-isomer)
(SY) H-1285
(SY) H1285
(SY)
4-(N,N-diethylaminoethoxy)-4'-methoxy-alpha-(4-hydroxyphenyl)-alpha-ethylstilbene
(HM) TAMOXIFEN/*analogs
(PA) ESTROGEN ANTAGONISTS
(NO) RN given refers to (Z)-isomer; RN for cpd without isomeric designation not in Chemline 10/83; structure given in first source

H-1285 see H 1285

H 1304
(RN) 55011-74-0
(SY) H1304
(HM) *CATECHOLS
(NO) catechol amide which evokes sound-induced seizures; structure

H1304 see H 1304

H 133-22 see prenalterol

H 142
(RN) 85139-12-4
(SY) H-142
(HM) *ANGIOTENSINOGEN/analogs
(PA) RENIN/ant..g
(NO) decapeptide inhibitor of human renin; RN given refers to all L-isomer; RN for cpd without isomeric designation not in Chemline 6/85

H-142 see H 142

H 149-94 see picoprazole

H 168-22 see omeprazole sulfide

H 168-68 see omeprazole

H 189
(RN) 90145-64-5
(SY) H-189
(HM) *ANGIOTENSINOGEN/analogs
(PA) RENIN/antag
(NO) decapeptide analog of human renin substrate with statine replacing leucine; RN given refers to (S-R*,R*)-isomer; RN for cpd without isomeric designation not in Chemline 6/85

H-189 see H 189

H-2D(q) see histocompatibility antigen H-2D(b)

H-2K(b) see H-2K(b) murine histocompatibility antigen

H-2K(K) see H-2K(K) antigen

H22/54 see dihydroxyphenylvaleramide

H(3)0+ see hydronium ion

H33342
(RN) 23491-52-3
(SY) Hoechst 33342
(HM) *BENZIMIDAZOLES
(II) FLUORESCENT DYES
(II) STAINS AND STAINING
(NO) benzimidazole fluorescent dye

H-35-25 see H35-25

H 35-25 see H35-25

H35-25
(RN) 13549-60-5
(RR) 13549-69-4 (HCl)
(RR) 41599-59-1 (HCl(+-)-isomer)
(SY) alpha-(1-(isopropylamino)ethyl)-4-methylbenzyl alcohol
(SY) H-35-25
(SY) H 35-25
(HM) EPHEDRINE/*analogs
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS
(NO) RN given refers to parent cpd; structure

H-3625 see cortivazol

H 450
(SY) H-450
(SY) hemeprotein H 450
(HM) *HEMEPROTEINS
(NO) spectral similarity to cytochrome P-450

H-450 see H 450

H-7 see 1-(5-isoquinolinesulfonyl)-2-methylpiperazine

H 74
(RN) 71144-20-2
(SY) H-74
(SY) (3,4-dichloroanilino)phenylacetonitrile
(HM) *ACETONITRILES
(PA) PARASYMPATHOLYTICS
(NO) structure given in first source

H-74 see H 74

H75-12 see H 75-12

H 75-12
(RN) 22173-84-8
(RR) 29440-91-3 (HCl)
(SY) alpha-ethyl-4-methylmetatyramine
(SY) H75-12
(SY) 4-methyl-alpha-ethyl-m-tyramine
(SY)
alpha-ethyl-3-hydroxy-4-methylphenethylamine.HCl
(HM) *AMPHETAMINES
(NO) serotonin-releasing agent; RN given refers to parent cpd; structure

H-77
(RN) 82131-82-6
(RR) 82167-03-1 ((L)-isomer)
(HM) *OLIGOPEPTIDES
(PA) RENIN/antag
(NO) angiotensinogen (6-13)-octapeptide in which the peptide bond -CO-NH- at the Leu(9)-Leu(11) linkage is replaced by a -CH2-NH- bond; RN given refers to (D)-isomer; RN for cpd without isomeric designation not in CHemline 7/84

H77-77 see H 77-77

H 77-77
(RN) 21618-99-5
(RR) 29440-90-2 (HCl)
(SY) 4, alpha-dimethylmetatyramine
(SY) 4, alpha-dimethyl-3-tyramine
(SY) H77-77
(HM) TYRAMINE/*analogs
(NO) RN given refers to parent cpd; structure

H 80-62 see prenalterol

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H-835 see Akrinor

H87-07 see H 87-07

H 87-07
(RN) 30311-37-6
(RR) 30311-26-3 (HCl)
(RR) 74515-01-8 (HCl(+-)-isomer)
(SY)
1-isopropylamino-3-(4-(2-methoxyethoxy)phenoxy)-2-propanol
(SY) H87-07
(HM) METOPROLOL/*analogs
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS
(NO) beta(1)-receptor blockader; analog of H 93/26 substituting ethoxy for ethyl group; RN given refers to cpd without isomeric designation; structure

H-88
(RN) 34929-08-3
(SY) 1-(3-trifluoromethylphenyl)-3-(2-hydroxyethyl) quinazoline-2,4(1H,3H)-dione
(HM) *QUINAZOLINES
(PA) ANALGESICS, ANTI-INFLAMMATORY
(PA) ANALGESICS
(NO) structure

IAA-biotin see N-iodoacetyl-N'-biotinylhexylenediamine

IAA-glucose see 1-O-indol-3-ylacetylglucose

IAA-inositol see indol-3-ylacetyl-myoinositol

IAA-inositol galactoside see indol-3-ylacetyl-myoinositol galactoside

IAANS
(RN) 57450-03-0
(SY) 2-(4'-(2''-iodoacetamido)phenyl) aminonaphthalene-6-sulfonic acid
(HM) *NAPHTHALENESULFONATES
(II) FLUORESCENT DYES

IABA see 3-iodo-N(6)-4-aminobenzyladenosine

4-IABP see
1-(indol-4-yloxy)-3-(1-(4-azido-3-iodophenyl)-2-isobutylamine)-2-propanol

4-IABSC see 4'-(3-iodo-4-azidobenzene sulfonyl)cymarin

IAEDANS-CaM see AEDANS-calmodulin

1,5-IAEDANS see 1,5-I-AEDANS

1,8-IAEDANS see 1,8-I-AEDANS

5-IAF see 5-iodoacetamidofluorescein

IAHQ see 5,8-dideazaisofolic acid

IAHQ-3 see 5,8-dideazaisopteroyl triglutamate

Ia-inducing factor see macrophage activating factor

Ialan see molinate

Ia-like antigens, avian
(SY) avian Ia-like antigens
(SY) Ia-like antigens, chicken
(SY) chicken Ia-like antigens
(SY) B-L antigens
(SY) chicken fetal antigen
(SY) B-L antigen
(SY) chicken Ia antigen
(HM) *ANTIGENS, IMMUNE RESPONSE
(II) ANTIGENS, SURFACE
(NO) antigenic determinant specific for class Aves; mol wt 65,000

Ia-like antigens, chicken see Ia-like antigens, avian

Ia-like antigens, human
(HM) *ANTIGENS, IMMUNE RESPONSE
(NO) see also related: immune associated antigens

IANBD see
4-(N-(iodoacetoxy)ethyl-N-methyl)amino-7-nitrobenz-2-oxa-1,3-diazole

I-E-antigen
(HM) *HISTOCOMPATIBILITY ANTIGENS

I-J-antigen
(SY) I-J determinant
(HM) *HISTOCOMPATIBILITY ANTIGENS
(II) ANTIGENIC DETERMINANTS
(NO) one of the antigenic determinants of major histocompatibility complex

IAPE see isoarecaidine propyl ester

IASA-Glc see
N-(4-iodoazidosalicyl)-6-amido-6-deoxyglucopyranose

I-P3ase see myo-inositol 1,4,5-triphosphate phosphatase

IASL see N-(1-oxyl-2,2,6,6-tetramethyl-4-piperidinyl) iodoacetamide

I(125)-azidobenzoyl-ANF see azidobenzoyl-atrial natriuretic factor

IA-4
(RN) 24167-40-6
(RR) 50651-09-7 (mesylate)
(RR) 43047-59-2 (monomesylate)
(HM) *HYCANTHONE/analogs
(PA) ANTHELMINTICS
(PA) SCHISTOSOMICIDES
(PA) MUTAGENS
(NO) RN given refers to parent cpd

IBCMP see 1-isobutoxycarbonyl-4-methylpiperazine

Ibc proteins see streptococcal Ibc proteins

M-IBDET see N-methylisatin beta-4',4'-diethylthiosemicarbazone

iberogast
(HM) *PLANT EXTRACTS
(PA) GASTROINTESTINAL AGENTS
(NO) no other info available 1/13/84

IBE 2254 see BE 2254

i-BHB see isobutyl-4-hydroxybenzoate

I-BHE see Bolton Hunter-eledoisin ligand

IBHPE-LHRH see LHRH,
N-Et-ProNH(2)(9)-His(imBzl)(6)-des-GlyNH(2)(10)-

IBH-Phe-Phe-Gly-NHOH see
3-iododesaminotyrosyl-phenylalanyl-phenylalanyl- glycine hydroxamic acid

IBH-substance P hexapeptide see substance P (6-11), N(alpha)-(3-iododesaminotyrosyl)-

IBH-194 see isonixin

IBI-C83 see 9-hydroxy-19,20-bisnorprostanoic acid

I-bimetrol see 6-iodomethylcholesterol

IBMPQ see
N-(4-1H-imidazol-1-yl)butyl)-2-(1-methylethyl)-11-oxo-11H-pyrido(2,1b)quinazoline-8-carboxamide

ibopamine see SB 7505

IBP see kitazin P

ibufenac
(RN) 1553-60-2
(RR) 3374-56-9 (Na salt)
(SY) (p-isobutylphenyl)acetic acid
(SY) dytransin
(HM) *PHENYLACETATES
(PA) ANTI-INFLAMMATORY AGENTS
(PA) ANALGESICS, ANTI-INFLAMMATORY
(NO) used in the treatment of rheumatism; also possesses antipyretic properties; minor descriptor (75-84); on-line & Index Medicus search PHENYLACETATES (75-84); RN given refers to parent cpd

ibuprofen diethylaminoethyl ester
(SY) brufen diethylaminoethyl ester
(SY) BF-DEAE
(SY) diethylaminoethyl alpha-methyl-4-(2-methylpropyl)benzene acetate
(HM) IBUPROFEN/*analogs
(PA) ANTI-INFLAMMATORY AGENTS
(NO) structure given in first source

ibuprofen guaiacol ester see AF 2259

ibuprofenlysinate see solufenum

ibuproxam
(RN) 53648-05-8
(RR) 73826-33-2 ((+-)-isomer)
(SY) 2-(4-isobutylphenyl)propiohydroxamic acid
(HM) *HYDROXAMIC ACIDS
(PA) ANTI-INFLAMMATORY AGENTS
(NO) RN given refers to cpd without isomeric designation; structure in Negwer, 5th ed, #6312

ibuterol
(RN) 53034-85-8
(RR) 59969-41-4 (sulfate)
(RR) 57576-17-7 (HCl(+-)-isomer)
(SY) KWD 2058
(SY) 1-(3,5-diisobutyroxyphenyl)-2-(t-butylamino) ethanol
(SY) spiranyl
(HM) TERBUTALINE/*analogs
(NO) diisobutyrate ester of terbutaline; RN given refers to parent cpd without isomeric designation; structure

ICDH kinase see isocitrate dehydrogenase kinase

ICDH phosphatase see isocitrate dehydrogenase phosphatase

i-cholesterol
(RN) 465-54-3
(SY) 3 alpha,5 alpha-cyclocholestan-6 beta-ol
(HM) CHOLESTEROL/*analogs
(NO) structure given in first source

i-cholesterol isomerase
(RN) EC 5.4.99.-
(HM) *STEROID ISOMERASES
(NO) 7-hydroxy group is isomerized to position 3 on ring A to form cholesterol

I-cholylglycyltyrosine see cholylglycyltyrosine

ichthyosan
(RN) 85568-45-2
(HM) *POLYSACCHARIDES
(NO) from tuna vitreous

ICIG1163 see ICIG 1163

ICIG 1163

(RN) 55102-43-7
(RR) 54138-85-1 ((beta-D-ribopyranosyl)-isomer)
(RR) 54138-87-3 ((beta-D-xylopyranosyl)-isomer)
(RR) 56194-24-2 ((ribopyranosyl)-isomer)
(RR) 56194-26-4 ((xylopyranosyl)-isomer)
(RR) 58845-59-3 ((D-xylopyranosyl)-isomer)
(SY) RPCNU
(SY) 1-(2-chloroethyl)-3-(2',3',4'-tri-O-acetylribopyranosyl)-1-nitrosourea
(SY) ICIG1163
(HM) *NITROSOUREA COMPOUNDS
(PA) ANTINEOPLASTIC AGENTS
(NO) RN given refers to parent cpd; structure in first source

ICI105552 see ICI 105552

I.C.I. 105552 see ICI 105552

ICI 105552

(RN) 81420-31-7
(SY) 1-(3,4-dichlorobenzyl)-3-methyl)-1,2-dihydro-2-oxoquinol-4-ylacetate
(SY) I.C.I. 105552
(SY) ICI105552
(SY) 2,4-Cyclohexadien-1-one, 3-(acetyloxy)-6-((3,4-dichlorophenyl)methyl)-6-hydroxy-2-methyl-
(HM) *QUINOLINES
(PA) ALDOSE REDUCTASE/antag
(NO) RN given refers to Na salt; RN for parent cpd not in Chemline 7/84

ICI106270 see ICI 106270

ICI 106270

(RN) 67249-51-8
(RR) 79801-06-2 (mono-HBr)
(SY) 6-(2-chloro-6-fluorophenyl)-2,3,6,7-tetrahydro-5H-pyrrolo(1,2-a)imidazole hydrobromide
(SY) ICI106270
(HM) *IMIDAZOLES
(PA) ANTIHYPERTENSIVE AGENTS
(NO) potent antihypertensive with similar mechanism of action to clonidine; RN given refers to parent cpd; structure in first source

ICI-118551 see ICI 118,551

ICI 118551 see ICI 118,551

ICI 118,551

(RN) 75790-52-2
(SY) erythro-DL-1-(7-methylindan-4-yloxy)-3-isopropylaminobutan-2-ol
(SY) ICI 118551
(SY) ICI-118551
(HM) *PROPANOLAMINES
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS
(NO) RN given refers to (R*,R*)-(+-)-isomer; RN for cpd without isomeric designation not in Chemline 7/84; structure in first source

ICI-118587 see ICI 118,587

ICI 118587 see ICI 118,587

ICI 118,587

(RN) 73210-73-8
(SY) 1-(4-hydroxyphenoxy)-3 beta-(morpholinocarbonamido)ethylamino-2-propanol, hemi fumarate
(SY) corwin
(SY) xamoterol hemifumarate
(SY) ICI-118587
(SY) ICI 118587
(HM) *PROPANOLAMINES
(PA) ADRENERGIC BETA RECEPTOR AGONISTS
(NO) RN given refers to fumarate[2:1]; RN for parent cpd not in Chemline 7/84

ICI-118630 see ICI 118630

ICI 118630

(RN) 65807-02-5
(SY) LHRH, Ser(t-butyl)(6)-Az(2)-GlyNH(2)(10)-
(SY) Ser(t-butyl)(6)-Az(2)-GlyNH(2)(10)-LHRH
(SY) LHRH-6-tertiary-butylseryl-2-(aminocarbonyl) hydrazide-10-deglycinamide
(SY) 6-tertiary-butylseryl-2-(aminocarbonyl) hydrazide-10-deglycinamide-LHRH
(SY) ICI-118630
(SY) zoladex
(HM) BUSERELIN ACETATE/*analogs

ICI 123487 see arprinocid

ICI-123487 see arprinocid

ICI 125,211 see tiotidine

ICI-128436 see ICI 128436

ICI 128436

(RN) 72702-95-5
(SY) 3-(4-bromo-2-fluorobenzyl)-4-oxo-3H-phthalazin-1-ylacetic acid
(SY) ICI-128436
(SY) statil
(HM) *PHTHALAZINES
(PA) ALDOSE REDUCTASE/antag

ICI 136753 see tracazolate

ICI 136,753 see tracazolate

ICI 141,292

(RN) 86880-51-5
(SY) ICI-141,292
(SY) N-(2-((3-(2-cyanophenoxy)-2-hydroxypropyl)amino) ethyl)-4-hydroxyphenylacetamide
(SY) visacor
(HM) *PROPANOLAMINES
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS
(NO) structure given in first source

ICI-141,292 see ICI 141,292

ICI 145680

(RN) 85945-12-6
(SY) ICI-145680
(SY) 1-(4-(1,2-diphenylbut-1-enyl)phenyl)-2,3-butanediol
(HM) TAMOXIFEN/*analogs
(NO) same affinity as tamoxifen for estrogen receptor

ICI-145680 see ICI 145680

ICI-153,066 see ICI 153066

ICI 153066

(RN) 76674-22-1
(SY) ICI-153066
(SY) ICI-153,066
(HM) *TRIAZOLES
(PA) ANTIFUNGAL AGENTS
(NO) structure given in first source

ICI-153066 see ICI 153066

ICI 154129

(RN) 83420-94-4
(RR) 85921-51-3 ((R-(R*,S*))-isomer)
(RR) 85921-50-2 ((S-(R*,R*))-isomer)
(SY) ICI-154129
(SY) N,N-bis(allyl)-tyrosyl-glycyl-glycyl-psi-methylthio-phenylalanyl-leucine
(SY) N,N-bis(allyl)-Tyr-Gly-Gly-psi-methylthio-Phe-Leu
(SY) M 154,129
(SY) M-154,129
(SY) Glycinamide, N,N-di-2-propenyl-L-tyrosyl-N-(2-((2-((1-carboxy-3-methylbutyl)amino)-2-oxo-1-(phenylmethyl)ethyl)thio)ethyl)-
(HM) ENKEPHALIN, LEUCINE/*analogs
(PA) NARCOTIC ANTAGONISTS
(NO) RN given refers to cpd without isomeric designation

ICI-154129 see ICI 154129

ICI 156,834 see cefotetan

ICI 174864

(SY) ICI-174864
(SY) N,N-diallyl-tyrosyl-alpha-aminoisobutyric acid-phenylalanyl-leucine
(SY) N,N-diallyl-Tyr-Aib-Phe-Leu
(HM) ENKEPHALIN, LEUCINE/*analogs
(PA) NARCOTIC ANTAGONISTS

ICI-174864 see ICI 174864

ICI 35868 see disoprofol

ICI-35868 see disoprofol

I.C.I 35868 see disoprofol

ICI 53072

(RN) 2012-73-9
(SY) ICI-53072
(HM) *PROPIONIC ACIDS

ICI-53072 see ICI 53072

ICI 55897 see ICI 55,897

ICI-55897 see ICI 55,897

ICI 55,897

(RN) 22494-47-9
(SY) clozic
(SY) ICI 55897
(SY) ICI-55897
(SY) clobuzarit
(HM) CLOFIBRATE/*analogs

ICI-58301

(RN) 23280-04-8
(SY) ICI 58301
(SY) 3-acetamido-6-methyl-8-n-propyl-s-triazolo(4,3 alpha)pyrazine
(HM) *PYRAZINES
(HM) *TRIAZOLES
(PA) PHOSPHODIESTERASE INHIBITORS
(II) BRONCHIAL SPASM/drug ther
(NO) isomer of ICI 61,129; structure

ICI 58301 see ICI-58301

ICI-63197 see ICI 63,197

ICI 63,197

(RN) 27277-00-5
(RR) 33406-42-7 (former CAS registry number)
(SY) ICI 63197
(SY) ICI-63197
(HM) *PYRIMIDINES
(PA) PHOSPHODIESTERASE INHIBITORS
(NO) structure

ICI 63197 see ICI 63,197

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ICI 81,008 see fluprostenol

ICI 8173 see quindoxin

ICI 89 406 see ICI 89,406

ICI-89406 see ICI 89,406

ICI 89,406
(RN) 53671-71-9
(RR) 71538-43-7 (duplicate RN)
(SY) ICI 89406
(SY) ICI 89 406
(SY) ICI-89406
(HM) *PROPANOLAMINES
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS
(NO) RN given refers to parent cpd

ICI 89406 see ICI 89,406

4,7,10,13-icosatetraynoic acid see 4,7,10,13-eicosatetraynoic acid

icosa-5,11,14-trienoic acid see eicosa-5,11,14-trienoic acid

icosa-5,11,14-trynoic acid see eicosa-5,11,14-trynoic acid

icosa-5,8,14-trynoic acid see eicosa-5,8,14-trynoic acid

5,6-ICO see 5,6 alpha-imino-5 alpha-cholestan-3 alpha-ol

ICP 10-AG-4 antigen
(SY) antigen ICP 10-AG-4
(SY) ICP 10-AG-4 (herpesvirus protein)
(HM) *ANTIGENS, VIRAL, TUMOR
(NO) herpesvirus protein which acts as cervical tumor antigen

ICP 10-AG-4 (herpesvirus protein) see ICP 10-AG-4 antigen

ICP8 HSV-1 see herpes simplex virus type 1 protein ICP8

ICRF 154
(RN) 1506-47-4
(SY) 1,2-bis(3,5-dioxopiperazin-1-yl)ethane
(HM) *RAZOXANE/analogs
(PA) ANTINEOPLASTIC AGENTS
(PA) IMMUNOSUPPRESSIVE AGENTS

ICRF 187
(RN) 24584-09-6
(RR) 79703-22-3 (mesylate(R)-isomer)
(RR) 24613-06-7 ((R)-isomer)
(RR) 21416-67-1 (cpd without isomeric designation)
(SY) NSC-169780
(HM) *RAZOXANE
(II) STEREOISOMERS
(NO) (D)-isomer of ICRF-159(razoxane) which is a racemic mixture; RN given refers to (S)-isomer

ICRF-192 see ICRF 192

ICRF 192
(RN) 58893-33-7
(RR) 75459-30-2 ((+-)-isomer)
(SY) 4,4'-(1-ethyl-1,2-ethanediyl)bis-2,6-piperazinedione
(SY) ICRF-192
(HM) *RAZOXANE/analogs
(PA) ANTINEOPLASTIC AGENTS
(NO) RN given refers to cpd without isomeric designation; structure given in first source

ICR-191 see acridine half-mustard

ICSL see 4-(1-oxo-2,2,6,6-tetramethylpiperidyl)-3-isocyano-n-propyl ether

ICSP 11-12 see herpes simplex virus type 2 protein ICSP 11-12

ICS 205-930
(SY) ICS-205930
(SY) indole-3-carboxylic acid tropine ester
(HM) *INDOLES
(PA) SEROTONIN ANTAGONISTS

ICS-205930 see ICS 205-930

1-cyanopindolol see iodocyanopindolol

ICYP see iodocyanopindolol

ICYP-diazirine see 1-(2-(3-trifluoromethyldiazirino)benzoyl)-3,3-dimethyl-6-hydroxy-7-(2-cyano-3-iodoindol-4-yloxy)-1,4-diazaheptane

idaltim see cortivazol

idarubicin see 4-demethoxydaunorubicin

idazoxan see RX 781094

I-DDD see 1-(2-chlorophenyl)-1-(4-iodophenyl)-2,2-dichloroethane

idebenone see CV 2619

I-J determinant see I-J-antigen

IDL cholesterol see lipoprotein cholesterol

IdoA-anT4S see O-(alpha-idopyranosyluronic acid)-(1-3)-2,5- anhydroalditol-4-sulfate

IDOase see indoicamine 2,3-dioxygenase

IDPase see inosine diphosphatase

idrocilamide see brolitene

idrolone see fenquizone

IDS
(HM) *GLYCOPROTEINS
(NO) glycoprotein with MW 75-80,000 from normal thymocytes; inhibits stimulated lymphocyte proliferation; inhibitor of DNA synthesis

IDTP kinase see insulin-dependent tyrosine protein kinase

ID-Tyr-Phe-Phe-Gly-NHOH see 3-iododesaminotyrosyl-phenylalanyl-phenylalanyl- glycine hydroxamic acid

idulian see azatadine

ID 1229 see ID-1229

ID-1229
(RN) 30802-84-7
(RR) 56390-16-0 ((2alpha,6alpha,11R*)-isomer)
(SY) 2-(3-(4-fluorobenzoyl)-1-propyl)-5 alpha,9 alpha-dimethyl-2'-hydroxy-6,7-benzomorphan
(SY) ID 1229
(HM) *BENZOMORPHANS
(PA) ANALGESICS
(NO) RN given refers to cpd without isomeric designation

ID 540 see fludiazepan

ID 690 see ID-690

ID-690
(RN) 5527-71-9
(SY) 5-(2-chlorophenyl)-1-methyl-7-nitro-(1,4)-benzodiazepin-2-one
(SY) Ro 5-4082
(SY) Ro 05-4082
(SY) ID 690
(SY) 5-(2-chlorophenyl)-1,3-dihydro-1-methyl-7-nitro-2H-1,4-benzodiazepin-2-one
(SY) 5-(o-chlorophenyl)-1-methyl-7-nitro-(1,4)-benzodiazepin-2-one
(HM) *CLONAZEPAM/analogs
(PA) BENZODIAZEPINE TRANQUILIZERS
(PA) SEDATIVES, NON-BARBITURATE
(NO) methyl deriv of clonazepam; structure

IEA-1 see interspecific embryonic antigen-1

IEA-2 see interspecific embryonic antigen-2

IEM 366 see fepracet

IEM 455 see clofexamide

IEM 474
(RN) 21272-62-8
(SY) IEM-474
(SY) 1-allyl-4,5-di(N-methylcarbamoyl)pyrazole
(HM) *PYRAZOLES

IEM-474 see IEM 474

IEM 476
(SY) IEM-476
(SY) 1-ethyl-4,5-di(N-methylcarbamoyl)pyrazole
(HM) *ETIMIZOL/analogs
(PA) ANALEPTICS

IEM-476 see IEM 476

IEM-506 see ethyldiphacil

IEM-611
(RN) 50794-02-0
(RR) 50794-06-4 (di-HCl)
(RR) 50794-04-2 (mono-HCl)
(SY) IEM 611
(HM) *PHENETHYLAMINES
(PA) SYMPATHOLYTICS
(NO) RN given refers to parent cpd; structure

IEM 611 see IEM-611

IEM 652 see ritetronium

IEM 760
(RN) 7728-75-8
(RR) 7730-79-2 (di-HCl)
(SY) compound 16683
(HM) *TRIAZOLES
(NO) histamine-like actions; RN given refers to parent cpd

IEM-858 see terkuronii

IE94 phosphoprotein
(SY) immediate-early 94K protein
(HM) *VIRAL PROTEINS
(HM) *PHOSPHOPROTEINS
(NO) 94K viral protein synthesized in abundance under immediate-early conditions after infection by cytomegalovirus strain Colburn in either permissive primate or nonpermissive rodent cells

2-IEP see 2-isocyanatoethyl propionate

IF C-45 see benzonaphthyridone

ifenprodil
(RN) 23210-56-2
(RR) 23210-57-3 (HCl)
(RR) 66414-13-9 (HCl(+-)-isomer)
(RR) 66414-07-1 (tartrate[1:1](R*,S*)-(+-)-(R-(R*,R*))-isomer)
(RR) 66157-43-5 (tartrate[2:1](R-(R*,R*))-isomer)
(RR) 23210-58-4 (tartrate(R-(R*,R*))-isomer)
(RR) 88020-88-6 (tartrate[1:1](R-(R*,R*))-isomer)
(RR) 66414-06-0 ((R*,S*)-(+-)-isomer)
(SY) 2-(4-benzylpiperidino)-1-(4-hydroxyphenyl)-2-methyl-1-ethanol
(SY) 4-benzyl-alpha-(p-hydroxyphenyl)-beta-methyl-1-piperidineethanol
(SY) 61 91 RC
(SY) vadilex
(HM) *PIPERIDINES
(PA) VASODILATOR AGENTS
(PA) ADRENERGIC ALPHA RECEPTOR BLOCKADERS
(NO) RN given refers to parent cpd without isomeric designation; structure

IF-E2 see eIF-2

ifosfamide mustard see isophosphamide mustard

IFPG see 20-methyl-13,14-didehydro-2,4-inter-3-phenylene prostaglandin I2

IFP-p50 see intermediate filament protein p50

IF-2 see eIF-2

IF-3 see peptide initiation factor 3

IF 3 see peptide initiation factor 3

IF-4B see eIF-4B

IF-4F see eIF-4F

IgABF see immunoglobulin-binding factors

IgA-binding factor see immunoglobulin-binding factors

IgAFc (T alpha) receptor see Fc(alpha) receptor

IGA Fc receptor see Fc(alpha) receptor

IgA, glycosylated see glycosylated IgA

IgA, polymeric see polymeric IgA

IgA protease
(RN) EC 3.4.-
(SY) immunoglobulin A(1) protease
(SY) IgA1 protease
(SY) immunoglobulin A1 protease
(HM) *PEPTIDE HYDROLASES
(NO) found in Haemophilus influenze & pathogenic Neisseriaceae; extracellular microbial enzymes whose only substrate is human IgA of the IgA1 subclass; cleave the immunoglobulin at a specific internal prolyl-threonyl peptide bond in the heavy chain to yield intact Fabα & Fcα fragments; also found in Streptococcus sanguis

IgA1 protease see IgA protease

IgA receptor
(SY) IgA receptors
(SY) receptor, IgA
(HM) *RECEPTORS, IMMUNOLOGIC
(II) IGA

IgA receptors see IgA receptor

IgA-sepharose 4B see immnoglobulin A-sepharose 4B

IgB see immunoglobulin B

IgC3kappa Jir protein see heavy chain disease proteins

anti-IgD
(HM) *ANTI-ANTIBODIES
(HM) IGD/*immunol

IgD-Fc receptors see Fc(delta) receptor

anti-IgE
(SY) anti-IgEid
(HM) *ANTI-ANTIBODIES
(HM) IGE/*immunol

IgE-binding factor see immunoglobulin-binding factors

IGE class-specific suppressor factor
(SY) IGE-TsF
(HM) *SUPPRESSOR FACTORS, IMMUNOLOGIC
(HM) *IGE

IGE decapeptide
(RN) 70669-29-3
(SY) immunoglobulin E decapeptide
(SY) IgE epsilon chain decapeptide (497-506)
(HM) *PEPTIDE FRAGMENTS
(HM) *IGE
(NO) Lys-Thr-Lys-Gly-Ser-Gly-Phe-Phe-Val-Phe

IgE destroying enzyme
(RN) EC 3.4.-
(HM) *PEPTIDE HYDROLASES
(NO) on rat peritoneal mast cells; acts at ph 4.75

IgE enhancing factors see immunoglobulin-binding factors

IgE epsilon chain decapeptide (497-506) see IGE decapeptide

IGE Fc receptor see Fc(epsilon) receptor

anti-IgEid see anti-IgE

IgE octapeptide (497-504)
(RN) 90274-65-0
(SY) immunoglobin E epsilon chain octapeptide (497-504)
(SY) Lys-Thr-Lys-Gly-Ser-Gly-Phe-PheNH2
(HM) *PEPTIDE FRAGMENTS
(HM) *IgE

igepal CO see nonoxynols

IgE pentapeptide
(SY) human IgE pentapeptide
(SY) HEPP
(SY) aspartyl-seryl-aspartyl-prolyl-arginine
(SY) Asp-Ser-Asp-Pro-Arg
(HM) *IGE
(HM) *PEPTIDE FRAGMENTS

IgE potentiating factors see immunoglobulin-binding factors

igercine
(SY) IgE C-terminal nonapeptide
(HM) *IGE
(HM) *IMMUNOGLOBULIN FRAGMENTS
(NO) C-terminal nonapeptide of immunoglobulin E

IGE receptor see immunoglobulin E receptor

IGE receptor H see immunoglobulin E receptor

IGE receptor R see immunoglobulin E receptor

IgE C-terminal nonapeptide see igercine

IGE-TsF see IGE class-specific suppressor factor

IgG-binding factor see immunoglobulin-binding factors

IGG-DNP see 2,4-dinitrophenyl-IgG

IgGFc (T gamma) receptor see Fc(gamma) receptor

IgG Fc receptor see Fc(gamma) receptor

IGG anti-D gamma globulin see RHo(D) Immune Globulin

IgG, glycosylated see glycosylated IgG

IgG inducing factor see B cell-activating factor

IgG induction factor see B cell-activating factor

IgG, polymeric see polymeric IgG

IgG protease see Pseudomonas aeruginosa elastase

IGG receptor see immunoglobulin G receptor

IGG receptors see immunoglobulin G receptor

IgG-sepharose see immunoglobulin G-sepharose

IgG, sulfonated
(SY) S-sulfonated immunoglobulin
(SY) Venimmun
(HM) *IGG

IgK
(HM) *IMMUNOGLOBULINS
(NO) abnormal immunoglobin in leprous-Rubino negative sera; partly related to Fc fragment of IgA & to FAB fragments; possesses Kappa but not lambda light polypeptide chains

anti-IgM
(HM) *ANTI-ANTIBODIES
(HM) *IGM

IgMFc (T mu) receptor see Fc(mu) receptor

IgM Fc receptor see Fc(mu) receptor

IgM, glycosylated see glycosylated IgM

IgM, polymeric see polymeric IgM

IGM receptor see immunoglobulin M receptor

IGM receptors see immunoglobulin M receptor

IgM, secretory see secretory IgM

ignosterol
(RN) 23839-47-6
(HM) ERGOSTEROL/*analogs
(NO) structure

IGP dehydratase see imidazoleglycerolphosphate dehydratase

igroseles see tenoretic

IG-SRK see sandoglobulin

IGTC see isoglobotriaosylceramide

IGU see glucose utilization inhibitor

IgY
(SY) immunoglobulin Y
(HM) *IMMUNOGLOBULINS
(II) CHICKENS
(NO) immunoglobulin found in immune & hyperimmune serum of chickens

IG-10
(RN) 72788-52-4
(RR) 69915-62-4 ((cis)-isomer)
(RR) 69915-78-2 ((trans)-isomer)
(SY) IG 10
(SY) 1-methyl-4-isohexylcyclohexanecarboxylic acid
(HM) *CYCLOHEXANECARBOXYLIC ACIDS
(PA) HISTAMINE H1 RECEPTOR BLOCKADERS
(NO) RN given refers to cpd without isomeric designation; structure given in first source

IG 10 see IG-10

I(125)hCG see iodo-chorionic gonadotropin

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IHF-EC see integration host factor, E coli

5-iHIPA see indole-3-lactic acid

4-IHPIA see N(6)-(3-iodo-4-hydroxyphenyl)-1-isopropyladenosine

I-HYP see iodohydroxybenzylpindolol

IHYP see iodohydroxybenzylpindolol

S-II see RNA polymerase stimulatory factors

II-B(Glc) PEPPTS see phosphoenolpyruvate-glucose phosphotransferase

Ii IGC see Ii invariant glycoprotein complex

Ii invariant glycoprotein complex
(SY) Ii IGC
(HM) *ANTIGENS, IMMUNE RESPONSE
(II) NEOPLASM PROTEINS
(II) ANTIGENS, NEOPLASM
(NO) noncovalently associated with class II antigens, alpha & beta chain complex; involved in the regulation of malignant cell la fuction

P-III-P see procollagen Type III-N-terminal peptide

III(XTL) phosphocarrier protein see phosphoenolpyruvate-xylitol phosphotransferase

IIPMA see 1-(indolyl)-3-isopropylmethylpropargylamine

P II protein see PIID regulatory protein

P(II) protein, Klebsiella aerogenes see PIID regulatory protein

P II regulatory protein see PIID regulatory protein

IK.2 see docosanol

ILAs receptor see insulin-like growth factor receptor

Ile(7)-AIII see angiotensin III, 8-Ile-

5-Ile-angiotensin III see angiotensin II, 1-des-Asp-5-Ile-

8-Ile-angiotensin III see angiotensin III, 8-Ile-

8-Ile-angiotensin II see angiotensin II, 8-Ile-

5-Ile-angiotensin I see angiotensin I, 5-Ile-

8-Ile-oxytocin see mesotocin

Ile-Pro-Arg-p-NA see isoleucyl-prolyl-arginine-4-nitroanilide

Ile-Pro-Ile see diprotin A

Ile-Ser-Arg-Pro-Pro-Gly-Phe-Ser-Pro-Phe-Arg see T-kinin

Ile-tRNA see tRNA, isoleucine-

Ile-Val see isoleucylvaline

ilexonin A
(RN) 93196-20-4
(HM) *FIBRINOLYTIC AGENTS
(II) PLATELET AGGREGATION/drug eff
(NO) promotes euglobulin lysis & inhibits platelet aggregation of guinea pig plasma

ILGFC see insulin-like growth factor receptor

ILGRFC see insulin-like growth factor carrier

Ilidar see azapetine

Iliren see tiaprost

illoxan see dichlorfop-methyl

iloprost see ciloprost

IL 1 precursor see interleukin 1 precursor

IL 1 receptor see interleukin 1 receptor

IL 2 receptor see mitogenic factor receptor

IL 3 receptor see interleukin 3 receptor

IL-2, 59-72 see interleukin-2 (59-72)

IL 3 see interleukin 3

IL-3 see interleukin 3

IL 49
(RN) 81199-24-8
(SY) IL-49
(SY) 3,5-dibromophenylsuccinic acid N-methylimide
(HM) *SUCCINIMIDES
(PA) ANTICONVULSANTS

IL-49 see IL 49

imanine
(RN) 11113-64-7
(HM) *TANNINS
(PA) ANTI-INFECTIVE AGENTS, LOCAL
(II) PLANTS, MEDICINAL
(NO) russian drug

imazalil
(RN) 35554-44-0
(RR) 33586-66-2 (mononitrate)
(RR) 60534-80-7 (sulfate[1:1])
(RR) 58594-72-2 (unspecified sulfate)
(RR) 77824-99-8 (phosphate)
(SY) R 23979
(SY) enilconazole
(HM) *IMIDAZOLES
(PA) FUNGICIDES, INDUSTRIAL
(NO) RN given refers to parent cpd

IMBDX see RX 781094

((im bzl)-D-His(6), Pro(9)-NEt)LHRH see LHRH, N-Et-ProNH(2)(9)-His(imBzl)(6)-des-GlyNH(2)(10)-

imerubrine
(RN) 58189-33-6
(HM) *ISOQUINOLINES
(II) FLUORESCENT DYES
(NO) RN given from CA Index Guide 1984; p.704G; RN not in Chemline 11/84; structure given in first source

IMET 176-68
(RN) 23192-91-8
(SY) ZIMET 176-68
(HM) *BARBITURATES
(PA) IMMUNOSUPPRESSIVE AGENTS

IMET 3146
(RN) 31539-54-5
(RR) 35888-75-6 (HCl(+-)-isomer)
(RR) 32021-40-2 ((+-)-isomer)
(SY) ZIMET 3164
(HM) *NITROGEN MUSTARD COMPOUNDS
(HM) *BENZIMIDAZOLES
(PA) IMMUNOSUPPRESSIVE AGENTS
(NO) RN given refers to parent cpd without isomeric designation

IMET 3393 see cytostasan

IMET 98-69
(RN) 34744-36-0
(SY) 3-(bis(2-hydroxyethyl)amino)acetophenone (4,5-diphenyloxazol-2-yl)hydrazone
(SY) zimet 98-69
(HM) *DITAZOL/analogs
(PA) ANTIVIRAL AGENTS

Imexon see BM 06.002

imidazolcarboxamide see imidazolecarboxamide

imidazole
(RN) 288-32-4
(RR) 56287-25-3 (monophosphonate)
(RR) 17009-90-4 (conjugate monoacid)
(RR) 5587-42-8 (Na salt)
(RR) 2200-49-9 (acetate)
(RR) 1467-16-9 (mono-HCl)
(HM) *IMIDAZOLES
(PA) THROMBOXANE SYNTHETASE/antag
(NO) RN given refers to parent cpd

imidazoleacetate 4-monooxygenase
(RN) EC 1.14.13.5
(SY) imidazolylacetate NADH-oxygen oxidoreductase
(HM) *HYDROXYLASES

imidazoleacetic acid
(RN) 30581-89-6
(RR) 645-65-8 (cpd specified as 4-acetic acid)
(RR) 56368-58-2 (Na salt of 4-acetic acid)
(RR) 3251-69-2 (HCl of 4-acetic acid)
(HM) *IMIDAZOLES
(NO) RN given refers to cpd without specific location of acetic acid attachment identified; structure

imidazole alpha-ketoglutarate
(RN) 82599-25-5
(HM) *IMIDAZOLES
(HM) *KETOGLUTARIC ACIDS
(NO) activator of cAMP phosphodiesterase

imidazolecarboxamide
(RN) 80658-49-7
(SY) imidazolcarboxamide
(HM) *AMINOIMIDAZOLE CARBOXAMIDE/analogs
(PA) IMMUNOSUPPRESSIVE AGENTS
(NO) RN given refers to parent cpd; see also related record for imidazole-4-carboxamide

imidazoleglycerolphosphate dehydratase
(RN) EC 4.2.1.19
(SY) IGP dehydratase
(HM) *HYDRO-LYASES

imidazole-2-hydroxybenzoate
(HM) *IMIDAZOLES
(PA) ANALGESICS, ANTI-INFLAMMATORY

1H-imidazole-2-hydroxybenzoic acid complex see ITF 182

imidazole mustard
(RN) 5034-77-5
(RR) 51176-87-5 (mono-HCl)
(RR) 51148-15-3 (unspecified HCl)
(SY) 5-(3,3-bis(2-chloroethyl)-1-triazeno)imidazole-4-carboxamide
(SY) BIC mustard
(SY) NSC-82196
(SY) NSC 82,196
(SY) TIC mustard
(SY) BIC
(HM) *NITROGEN MUSTARD COMPOUNDS
(PA) ANTINEOPLASTIC AGENTS
(NO) inhibitor of purine nucleoside synthesis; minor descriptor (77-84); on-line & Index Medicus search NITROGEN MUSTARD COMPOUNDS (77-84); RN given refers to parent cpd

imidazole propionate see 5-imidazolepropionic acid

5-imidazolepropionic acid
(RN) 1074-59-5
(RR) 53958-93-3 (mono-HCl)
(SY) imidazole propionate
(HM) *IMIDAZOLES
(NO) competitive inhibitor of urocanase reaction which catalyzes conversion of urocanate into imidazolone propionate; structure

4'(1-H-imidazole-1-yl)acetophenone see RO 22-3581

3-(1H-imidazole-1-yl-methyl)-2-methyl-1H-indole-1-propanoic acid see UK 38,485

2-imidazolidine-4-carboxylic acid

(RN) 41371-53-3
(HM) *IMIDAZOLES
(NO) inhibitor of oxoprolinase; structure

2-imidazolidinone see ethylene urea

imidazolidinylurea see germall 115

imidazolidinyl urea see germall 115

4-(2-imidazoline-amino)-2-methylindazol-chlorhydrate see SGD 101-75

2-imidazoline

(RN) 504-75-6
(RR) 28299-33-4 (cpd with unspecified position of dihydro)
(RR) 77158-89-5 (mono-HI)
(HM) *IMIDAZOLES
(NO) RN given refers to parent cpd; structure

imidazolin-2-yl-2-(1,4-benzodioxane) see RX 781094

N-(2-imidazolin-2-yl)-N-(4-indanyl)amine see indanazolin

3-(2-imidazolin-2-yl-thio)indole see tinazoline

imidazol-4-one-5-propionic acid

(RN) 17340-16-8
(HM) *IMIDAZOLES
(NO) structure

imidazol(1,5-a)pyridine-5-hexanoic acid see CGS 13080

imidazolylacetate NADH-oxygen oxidoreductase see imidazoleacetate 4-monooxygenase

4-imidazolyl-3-amino-2-butanone see McN-A-1293

N-(4-1H-imidazol-1-yl)butyl)-2-(1-methylethyl)-11-oxo-11H-pyrido(2,1b) quinazoline-8-carboxamide

(RN) 88939-84-8
(SY) IBMPQ
(HM) *QUINAZOLINES
(NO) RN given from Toxline; RN not in Chemline 4/85; structure given in first source

1-(imidazolyl)-1-(2,4-dichlorophenoxy)-3,8-dimethylbutan-2-one see Bay-Ve 7294

4-(2-(1H-imidazol-1-yl)ethoxy)benzoic acid hydrochloride see dazoxiben

5-(2-(1-imidazolyl)ethoxy)-4-chlorothiophene-2- carboxylic acid see LG 82-4-01

5-(2-(1-imidazolyl)ethoxy)thiophene-2-carboxylic acid see LG 82-4-00

7-(1-imidazolyl)heptanoic acid see 1-(7-carboxyheptyl)imidazole

3-(4-(1H-imidazol-1-ylmethyl)phenyl)-2-propenoic acid see OKY 046

N-(3-(imidazol-4-yl)propyl)-N'-(2-((5-methylimidazol-4-yl)methylthio)ethyl)guanidine see impromidine

imidazopyrazole

(RN) 251-80-9
(SY) NSC 51143
(HM) *PYRAZOLES
(PA) ANTINEOPLASTIC AGENTS

2-(4-(2-imidazo(1,2-a)pyridyl)phenyl)propionic acid see miroprofen

6-imidazoylbenzylhistidyl-9-N-ethylprolinamide-10-deglycinamide-LHRH see LHRH, N-Et-ProNH(2)(9)-His(imBzl)(6)-des-GlyNH(2)(10)-

imidocarb dipropionate

(RN) 55750-06-6
(SY) Imizol
(HM) *IMIDOCARB/analogs
(PA) ANTIPROTOZOAL AGENTS

imidodiacetic acid see iminodiacetic acid

imifos see imiphos

Imiloxan

(HM) *ADRENERGIC ALPHA RECEPTOR BLOCKADERS
(NO) no other information available

2-iminobiotin

(RN) 13395-35-2
(RR) 76985-52-9 (mono-HBr(3aS-(3aalpha,4beta,6aalpha))-isomer)
(HM) BIOTIN/*analogs
(NO) RN given refers to parent cpd(3aS-(3aalpha,4beta,6aalpha))-isomer; RN for cpd without isomeric designation not in Chemline 7/84

3,3'-iminobispropylamine see norspermidine

5-iminodaunomycin see 5-iminodaunorubicin

5-iminodaunorubicin

(RN) 72983-78-9
(RR) 67324-99-6 (HCl(NSC-254681))
(SY) 5-iminodaunomycin
(SY) NSC-254681
(HM) DAUNORUBICIN/*analogs
(NO) RN given refers to parent cpd

iminodiacetic acid

(RN) 142-73-4
(RR) 31685-59-3 (unspecified Na salt)
(RR) 928-72-3 (di-Na salt)
(RR) 79553-92-7 (ca salt[1:1])
(SY) imidodiacetic acid
(SY) iminodiacetic acid disodium salt
(HM) *IMINO ACIDS
(NO) used as hepatobiliary imaging agent when labeled with Tc; RN given refers to parent cpd; structure

iminodiacetic acid disodium salt see iminodiacetic acid

4-imino-1,3-diazabicyclo(3.1.0)hexan-2-one see BM 06.002

iminodibenzyl see dibenzylamine

iminodipeptidase see prolyl dipeptidase

3,3'-iminodi-1- propanol dimethanesulfonate see improsan

2,2'-iminodipropionic acid see alanopine

3,3'-iminodipropionitrile

(RN) 111-94-4
(RR) 16688-98-5 (mono-HCl)
(RR) 33986-16-2 (sulfate[1:1])
(RR) 7346-04-5 (fumarate)
(SY) beta,beta'-iminodipropionitrile
(HM) *NITRILES
(NO) lathyrogen; RN given refers to parent cpd

iminoglycine

(RN) 4472-12-2
(HM) *IMINO ACIDS

12H-8,11a-(Iminomethano)-1aH,7H-(1,2,4)dithiazepino(4,3-b)oxireno(e)(1,2)benzoxazine-7,13-dione, 4,4a,8,9-tetrahydro-4-hydroxy-9-(2-hydroxy-3,4-dimethoxyphenyl)-, (1aS-(1aalpha,4beta,4abeta,8alpha,9beta,11aalpha,12aR*))- see gliovirin

12H-8,11a-(Iminomethano)-1aH,7H-(1,2,4)dithiazepino(4,3-b)oxireno(e)(1,2)benzoxazine-7,13-dione, 4,4a,8,9-tetrahydro-4-hydroxy-9-(2-hydroxy-3,4-dimethoxyphenyl)-14-methyl-, (1aS-(1aalpha,4beta,4abeta,8alpha,9beta,11aalpha,12R*))- see FA-2097

2-iminopyrrolidone-5,5-diphosphonic acid

(SY) IPDP
(HM) *DIPHOSPHONATES
(PA) CALCIUM/antag

2,3-iminosqualene

(RN) 53402-48-5
(RR) 13552-89-1 ((all-E)-(+-)-isomer)
(HM) SQUALENE/*analogs
(PA) ISOMERASES/antag
(NO) 2,3-oxidosqualene cyclase inhibitor; RN given refers to (all-E)-isomer; RN for cpd without isomeric designation not in Chemline 7/84

iminostilbene

(RN) 256-96-2
(RR) 67430-24-4 (10-(13)C-labeled cpd)
(HM) *DIBENZAZEPINES
(NO) RN given refers to unlabeled cpd; structure

2-iminothiolane see methyl 4-mercaptobutyrimidate

imipemide see N-formimidoylthienamycin

imipenem see N-formimidoylthienamycin

imiphos

(RN) 1078-79-1
(SY) Marcophan
(SY) bis(1-aziridinyl)-2-methyl-3-thiazolidinyl) phosphine oxide
(SY) imifos
(HM) *AZIRIDINES
(PA) ANTINEOPLASTIC AGENTS
(PA) ALKYLATING AGENTS
(NO) structure

imipramine-N-oxide see imipramine N-oxide

imipramine N-oxide

(RN) 6829-98-7
(RR) 19864-71-2 (HCl)
(SY) 5-(3-(dimethylamino)propyl)-10,11-dihydro-5H-dibenz(b,f)azepine 5-(3-N-oxide)
(SY) imipramine-N-oxide
(HM) IMIPRAMINE/*analogs
(PA) TRANQUILIZING AGENTS
(NO) RN given refers to parent cpd; structure

imipramine receptor

(SY) imipramine receptors
(SY) receptor, imipramine
(HM) *SYNAPTIC RECEPTORS
(II) IMIPRAMINE

imipramine receptors see imipramine receptor

Imizol see imidocarb dipropionate

IMI-30 see 4-demethoxydaunorubicin

IMI 30 see 4-demethoxydaunorubicin

immaturin

(HM) *PROTEINS
(II) PARAMECIUM
(NO) MW 10,000 heat-labile protein from Paramecium caudatum immature period

immediate-early 94K protein see IE94 phosphoprotein

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immnoglobulin A–sepharose 4B
(SY) IgA–sepharose 4B
(HM) SEPHAROSE/*analogs
(HM) *IGA
(II) IGA, SECRETORY
(NO) used in method for determination & removal of circulating immune complexes in pathological sera

immobilin
(HM) *GLYCOPROTEINS
(NO) immobilizes sperm in epididymis; isolated from rat cauda epididymal fluid

immobilization antigens
(SY) Paramecium i–antigen
(SY) A i–antigen
(HM) *ANTIGENS, SURFACE
(II) PARAMECIUM
(NO) MW 250–300kD large, single polypeptide glycoproteins which cover entire surface of Paramecium cell

Immobilon
(RN) 39456–60–5
(HM) *ETORPHINE
(HM) *METHOTRIMEPRAZINE
(HM) DRUG COMBINATIONS
(NO) etorphine–methotrimeprazine combination used as tranquilizer for small animals; methotrimeprazine replaced by acepromazine for use in cattle & horses

immobyl
(RN) 63697–78–9
(HM) *FENTANYL
(HM) *AZAPERONE
(HM) DRUG COMBINATIONS
(NO) combination of above cpds

immune associated antigens
(HM) *ANTIGENS, IMMUNE RESPONSE

immune protein P5 see attacins

immune RNA see RNA, immune

immunity protein Clo DF13 see Clo DF13 immunity protein

immunoconglutinins
(SY) conglutinin–like factors
(HM) *IMMUNOGLOBULINS
(NO) found in saliva; not polymers of IgA, but complexes of glycoproteins to which IgA is bound

immunoenhancing factor
(SY) human enhancing factor
(HM) *BLOOD PROTEINS
(NO) cell–free soluble factor released from human allogeneic cell lines which is capable of augumenting an in vitro immune response of murine lymphocytes against heterologous erythrocytes; inactivated by heat or protease; MW 38,000

immunoferon
(SY) AM3
(HM) *GLYCOPEPTIDES
(HM) *CALCIUM PHOSPHATES
(NO) contains glycopeptide combined with calcium phosphosulfate; protects against infection by stimulation of immune system

immunoglobin E epsilon chain octapeptide (497–504) see IgE octapeptide (497–504)

immunoglobulin B
(SY) IgB
(HM) *IMMUNOGLOBULINS
(II) CHICKENS
(II) BILE
(NO) unique Ig class of birds found in bile

immunoglobulin–binding factors
(SY) IgG–binding factor
(SY) IgA–binding factor
(SY) IgABF
(SY) IgE–binding factor
(SY) IgE enhancing factors
(SY) IgE potentiating factors
(HM) *LYMPHOKINES
(NO) factor in supernatant of alloantigen–activated T cells which reversibly binds to IgG, interfering with IgG complement activation; also suppresses IgA synthesis by T cell hybridomas; suppresses polyclonal human IgE response; can also enhance IgE synthesis

anti–D–immunoglobulin see RHo(D) Immune Globulin

immunoglobulin E decapeptide see IGE decapeptide

immunoglobulin, Facb
(SY) Facb immunoglobulins
(HM) *IMMUNOGLOBULINS, FC

immunoglobulin A, glycosylated see glycosylated IgA

immunoglobulin G, glycosylated see glycosylated IgG

immunoglobulin M, glycosylated see glycosylated IgM

immunoglobulin–lamda light chain type amyloid–fibril protein AR see amyloid protein AR

immunoglobulin M pentamer see polymeric IgM

immunoglobulin A1 protease see IgA protease

immunoglobulin A(1) protease see IgA protease

immunoglobulin E receptor
(SY) IGE receptor
(SY) receptor, IGE
(SY) IGE receptor H
(SY) IGE receptor R
(SY) receptor, immunoglobulin E
(SY) immunoglobulin E receptors
(HM) *RECEPTORS, IMMUNOLOGIC
(HM) *RECEPTORS, FC
(II) IGE

immunoglobulin G receptor
(SY) immunoglobulin G receptors
(SY) receptor, immunoglobulin G
(SY) IGG receptor
(SY) IGG receptors
(SY) receptor, IGG
(HM) *RECEPTORS, IMMUNOLOGIC
(II) IGG

immunoglobulin M receptor
(SY) IGM receptor
(SY) immunoglobulin M receptors
(SY) IGM receptors
(SY) receptor, IGM
(SY) receptor, immunoglobulin M
(HM) *RECEPTORS, IMMUNOLOGIC
(II) IGM

immunoglobulin E receptors see immunoglobulin E receptor

immunoglobulin G receptors see immunoglobulin G receptor

immunoglobulin M receptors see immunoglobulin M receptor

immunoglobulin G–sepharose
(SY) IgG–sepharose
(HM) SEPHAROSE/*analogs
(NO) anti–fluorescein; matrix for immobilization of proteins containing accessible, covalently bound fluorescein groups

immunoglobulin Y see IgY

immunosuppressive acidic protein
(SY) ISPAP
(HM) *NEOPLASM PROTEINS
(NO) high levels found in plasma of patients with cervical and/or ovarian neoplasms

immunosuppressive peptide
(SY) SDIP
(SY) spleen–derived immunosuppressive peptide
(SY) spleen derived immunosuppressive peptide
(SY) SDISP
(HM) *PEPTIDES
(PA) IMMUNOSUPPRESSIVE AGENTS
(NO) spleen–derived; depresses humoral response in mice

immunosuppressive substance (IS)
(SY) serum immunosuppressive substance (IS)
(HM) *GLYCOPROTEINS
(II) *NEOPLASM PROTEINS
(NO) found in serum of cancer patients; also found in patients with infectious diseases & chronic renal failure; MW 52,000

IMNDP see 6–iodo–2–methyl–1,4–naphthoquinol bis(diammonium phosphate)

imolamine
(RN) 318–23–0
(RR) 15823–89–9 (HCl)
(SY) 4–(2–(diethylamino)ethyl)–5–imino–3–phenyl–delta(2)–1,2,4–oxadiazoline
(SY) angolon
(SY) irrigor
(SY) LA 1211
(SY) Irri–Cor
(HM) *OXADIAZOLES
(PA) VASODILATOR AGENTS
(NO) blood platelet aggregation antagonist; RN given refers to parent cpd; structure

impavido see tisocromide

imperatorin
(RN) 482–44–0
(SY) 8–isoamylenoxypsoralen
(HM) *PSORALENS
(NO) furanocoumarin from West African medicinal plant Clausena anisata; structure in Negwer, 5th ed. #3005

ImpG see guanosine 5'–phosphoimidazolide

impletol depot Bayer
(RN) 95017–34–8
(HM) *CAFFEINE
(HM) *PROCAINE
(HM) *POVIDONE
(HM) DRUG COMBINATIONS
(II) DELAYED–ACTION PREPARATIONS
(NO) combination of above cpds used in treatment of coxarthrosis

IMP nucleotidase see 5'–nucleotidase

imposit
(RN) 77648–57–8
(HM) *GRAMICIDINS
(HM) *CETYLPYRIDINIUM
(HM) *P–AMINOBENZOIC ACID
(HM) *BENZYL ALCOHOLS
(HM) DRUG COMBINATIONS
(NO) combination of gramicidin, cetylpyridinium chloride, p–aminobenzoic acid & 2,4–dichlorobenzyl alcohol used therapeutically for inflammatory disease of mouth & pharynx

Impregum
(HM) *RESINS, SYNTHETIC
(II) DENTAL MATERIALS
(II) DENTAL IMPRESSION MATERIALS
(NO) polyether rubber, epimine containing dental material

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impromidine
(RN) 55273-05-7
(RR) 65573-02-6 (tri-HCl)
(SY) SK&F 92676
(SY) N-(3-(imidazol-4-yl)propyl)-N'-(2-((5-methylimidazol-4-yl)methylthio)ethyl)guanidine
(HM) *IMIDAZOLES
(II) RECEPTORS, HISTAMINE H2/drug eff
(NO) potent & specific agonist for histamine H2 receptors; RN given refers to parent cpd; structure

improsan
(RN) 13425-98-4
(RR) 32784-82-0 (tosylate)
(RR) 3458-22-8 (HCl)
(SY) NSC-102627
(SY) alkylating agent 864
(SY) yoshi 864
(SY) bis(3-mesyloxypropyl)amine
(SY) 3,3'-iminodi-1- propanol dimethanesulfonate
(SY) dimesyloxydipropylamine tosylate
(SY) 864 T
(SY) NSC-140117
(SY) improsan tosylate
(HM) *METHANESULFONATES
(PA) ANTINEOPLASTIC AGENTS
(PA) ALKYLATING AGENTS
(NO) synonyms NSC-102627, alkylating agent 864 & yoshi 864 refer to HCl; RN given refers to parent cpd; structure

improsan tosylate see improsan

Impulsin see palmidrol

IMPY see 2,3-dihydro-1H-imidazo(1,2-b)pyrazole

imudon
(SY) IRS 307
(HM) *ANTIGENS, BACTERIAL
(HM) *ANTIGENS, FUNGAL
(HM) *THIMEROSAL
(HM) DRUG COMBINATIONS
(II) ADJUVANTS, IMMUNOLOGIC
(NO) polyvalent antigen complex of lyophilized lysates of lactobacillus, micrococcus, corynebacterium, fusiformus, Klebsiella pneumoniae, Candida albicans & merthiolate

IMVP-16
(HM) IFOSFAMIDE
(HM) METHOTREXATE
(HM) ETOPOSIDE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above 3 cpds

inactin see thiobutabarbital

inactive renin see prorenin

I-N3-NAPS see N-(4-azido-3-iodophenethyl)spiperone

Incidal see diazoline

incision endonuclease see UV incision nuclease

INCO receptor see intrinsic factor-cobalamin receptor

increpan
(RN) 56592-09-7
(SY) inkrepan
(HM) *PANCREATIC EXTRACTS
(HM) *PEPTIDE PEPTIDOHYDROLASES
(PA) ANTIHYPERTENSIVE AGENTS
(NO) pancreatic tissue extracts from cattle; contains trypsin and chymotrypsin

incretin
(RN) 54241-84-8
(SY) IRP
(SY) insulin-releasing polypeptide
(HM) *PEPTIDES
(II) GASTROINTESTINAL HORMONES
(II) INSULIN/secret
(NO) crude extract of porcine intestine, MW 3000-5000; enhances insulin release in response to intravenous glucose; active principle in secretin which stimulates the internal secretion of the pancreas

indacrinone see indanone

indalpine
(RN) 63758-79-2
(RR) 63845-42-1 (mono-HCl)
(SY) LM 50084
(SY) (3-indolyl-2-ethyl)piperidine
(SY) LM 5008
(SY) 4-(2-(3-indolyl)ethyl)piperidine
(HM) *PIPERIDINES
(PA) SEROTONIN/antag
(PA) ANTIDEPRESSIVE AGENTS
(NO) selective 5-hydroxytryptamine uptake inhibitor; RN given refers to parent cpd

indanazolin
(RN) 40507-78-6
(RR) 56601-85-5 (HCl)
(RR) 40507-86-6 (mononitrate)
(RR) 40507-80-0 (mono-HCl)
(SY) N-(2-imidazolin-2-yl)-N-(4-indanyl)amine
(SY) Farial
(SY) E-VA-16
(SY) N-(2,3-dihydro-1H-indan-4-yl)-2,5-dihydro-1H-imidazol-2-amine
(SY) indanazoline
(HM) *IMIDAZOLES
(PA) VASOCONSTRICTOR AGENTS
(NO) RN given refers to parent cpd; structure in first source

indanazoline see indanazolin

1,3-indandione
(RN) 606-23-5
(HM) *INDANS

indaniline
(HM) *ANILINE COMPOUNDS
(II) DYES
(NO) structure given in first source

indanol dehydrogenase
(RN) EC 1.1.1.112
(HM) *ALCOHOL OXIDOREDUCTASES

indanone
(RN) 56049-88-8
(RR) 57297-16-2 ((S)-isomer)
(RR) 56049-89-9 ((R)-isomer)
(RR) 57296-63-6 ((+-)-isomer)
(RR) 76698-88-9 (Na salt)
(SY) MK 196
(SY) indacrinone
(HM) *INDANS
(PA) DIURETICS
(PA) URICOSURIC AGENTS
(NO) polyvalent saluretic; RN given refers to parent cpd without isomeric designation; structure

3-indazolinone
(RN) 7364-25-2
(HM) ANTILIPEMIC AGENTS
(NO) structure given in first source

indecainide
(RN) 74517-78-5
(RR) 73681-12-6 (HCl)
(SY) 9-(3-((1-methylethyl)amino)propyl-9H-fluorene-9-carboxamide
(HM) *FLUORENES
(PA) ANTI-ARRHYTHMIA AGENTS
(NO) structure given in first source; RN given refers to parent cpd

indeloxazine
(RN) 60929-23-9
(RR) 65043-22-3 (HCl)
(RR) 76489-35-5 (HCl(+)-isomer)
(RR) 76489-34-4 ((+)-isomer)
(SY) 2-(7-indenyloxymethyl)morpholine
(SY) YM-08054-1
(SY) YM 08054-1
(HM) *MORPHOLINES
(PA) ANTIDEPRESSIVE AGENTS
(NO) RN given refers to parent cpd without isomeric designation

indeno(1,2,3-cd)pyrene
(RN) 193-39-5
(HM) *PYRENES
(PA) CARCINOGENS
(NO) structure in first source

indenolol
(RN) 60607-68-3
(RR) 68906-88-7 (inden-4(or 7)-yloxy-HCl(+-)-isomer)
(RR) 40940-05-4 (HCl(R)-isomer)
(RR) 40915-47-7 (HCl(S)-isomer)
(RR) 36576-14-4 (HCl(+-)-isomer)
(RR) 30190-87-5 (HCl)
(RR) 81789-85-7 (HCl)
(RR) 69045-38-1 (HCl(+-)-isomer)
(RR) 69045-37-0 (HCl(+)-isomer)
(RR) 68906-88-7 (HCl(+-)-isomer)
(SY) YB-2
(SY) 1-(7-indenyloxy)-3-isopropylaminopropan-2-ol.HCl
(HM) *INDENES
(HM) *PROPANOLAMINES
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS
(PA) ANTI-ARRHYTHMIA AGENTS
(PA) ANTIHYPERTENSIVE AGENTS
(NO) RN given refers to parent cpd without isomeric designation; structure

1-(7-indenyloxy)-3-isopropylaminopropan-2-ol.HCl see indenolol

2-(7-indenyloxymethyl)morpholine see indeloxazine

Inderex
(RN) 83952-37-8
(HM) *PROPRANOLOL
(HM) *BENDROFLUMETHIAZIDE
(HM) DRUG COMBINATIONS
(PA) ANTIHYPERTENSIVE AGENTS
(NO) combination of above cpds; used in treatment of hypertension

inderide
(RN) 69136-73-8
(HM) *PROPRANOLOL
(HM) *HYDROCHLOROTHIAZIDE
(HM) DRUG COMBINATIONS
(NO) propranolol & hydrochlorothiazide combination

India Ink see chinese ink

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indican (metabolic indican)
(RN) 487-94-5
(RR) 2642-37-7 (mono-K salt)
(RR) 79395-72-5 (mono-Na salt)
(SY) indoxyl sulfate
(SY) indol-3-yl sulfate
(HM) *INDOLES
(NO) do not confuse with plant indican (= INDICAN); RN given refers to parent cpd; structure

indicine
(RN) 480-82-0
(RR) 6029-84-1 ((1S-(1alpha,7(2R*,3S*),7aalpha))-isomer)
(RR) 480-83-1 ((1S-(1alpha,7)2R*,3R*),7aalpha))-isomer)
(RR) 10285-07-1 ((1R-(1alpha,7(2S*,3S*),7abeta))-isomer)
(RR) 10285-06-0 ((1R-(1alpha,7(2S*,3R*),7abeta))-isomer)
(SY) echinatine
(SY) lycopsamine
(SY) intermedine
(HM) *PYRROLIZIDINE ALKALOIDS
(NO) RN given refers to (1R-(1alpha,7(2R*,3S*),7abeta))-isomer; RN for cpd without isomeric designation not in Chemline 7/84

indicine-N-oxide
(RN) 41708-76-3
(SY) NSC 132319
(HM) *PYRROLIZIDINE ALKALOIDS
(PA) ANTINEOPLASTICS, PHYTOGENIC
(NO) RN given refers to (1R-(1alpha,7(2R*,3S*),7abeta))-isomer; RN for cpd without isomeric designation not in Chemline 7/84; structure

indigo
(RN) 482-89-3
(SY) (delta-2,2'-biindole)-3,3'-dione
(SY) indigotin
(HM) *INDOLES
(II) DYES
(NO) structure

indigo red see indirubin

indigotin see indigo

indiloy
(RN) 64367-04-0
(HM) *DENTAL ALLOYS
(II) DENTAL AMALGAM
(NO) quaternary alloy

indirubin
(RN) 479-41-4
(SY) indigo red
(HM) INDOLES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(II) DYES
(NO) used in treatment of chronic granulocytic leukemia

indium-111-acetylacetone see acetylacetone

indium chloride see indium trichloride

(111)indium chloride see indium trichloride

(113)indium chloride see indium trichloride

indium citrate see citric acid

indium ferric colloid
(SY) indium-111-ferric colloid
(SY) In-Fe colloid
(SY) (111)indium ferric colloid
(HM) *INDIUM
(HM) *FERRIC COMPOUNDS
(II) COLLOIDS
(II) RADIOISOTOPES
(NO) used to label monocytes

(111)indium ferric colloid see indium ferric colloid

indium-111-ferric colloid see indium ferric colloid

indium oxinate see indium oxine

indium oxine
(RN) 14514-42-2
(RR) 65389-08-4 (111In-labeled cpd)
(RR) 66862-57-5 (113In-labeled cpd)
(RR) 85597-23-5 (133In-labeled cpd)
(SY) indium-111-oxine
(SY) indium-111-oxine sulfate
(SY) indium oxinate
(HM) *INDIUM
(HM) *8-HYDROXYQUINOLINE/analogs
(II) RADIOISOTOPES
(NO) RN given refers to unlabeled cpd without isomeric indication for indium

indium-111-oxine sulfate see indium oxine

indium-111-oxine see indium oxine

indium tetraphenylporphyrin
(RN) 72451-33-3
(SY) (111)In tetraphenylporphyrin
(HM) *METALLOPORPHYRINS
(II) INDIUM
(II) RADIOISOTOPES
(NO) used in platelet labeling; RN given refers to (111)In-labeled cpd; RN for unlabeled cpd not in Chemline 8/4/83

indium trichloride
(RN) 10025-82-8
(RR) 54097-72-2 (113In-labeled cpd)
(RR) 50800-85-6 (111In-labeled cpd)
(SY) indium trichloride (113)
(SY) (113)indium chloride
(SY) indium chloride
(SY) (111)indium chloride
(HM) *INDIUM
(II) ISOTOPES
(II) RADIOISOTOPES
(NO) RN given refers to parent cpd

indium trichloride (113) see indium trichloride

indium tris(tropolonate)
(RN) 14283-79-5
(RR) 80233-75-6 ((111)In-labeled cpd)
(SY) In-tropolonate
(HM) *TROPOLONE/analogs
(HM) *INDIUM
(II) RADIOISOTOPES

indobufen
(RN) 36690-96-7
(RR) 63610-08-2 ((+-)-isomer)
(RR) 63610-08-2 ((+-)-isomer)
(SY) 2-(4-(1-oxo-2-isoindolinyl)phenyl)butyric acid
(SY) K 3920
(HM) *PHENYLBUTYRATES
(II) PLATELET AGGREGATION/drug eff
(NO) RN given refers to cpd without isomeric designation

indocarb see indocate

indocate
(RN) 31386-25-1
(SY) 1-benzyl-2,3-dimethyl-indole-5-carboxylic acid 2-(dimethylamino)ethyl ester
(SY) indocarb
(HM) *INDOLES
(PA) SEROTONIN ANTAGONISTS

epi-indolactam V see indolactam V

indolactam V
(SY) Indolactam-V
(SY) epi-indolactam V
(HM) *INDOLES
(HM) *LACTAMS
(PA) CARCINOGENS
(NO) only the (-)-isomer of indolactam V showed carcinogenic activity; structure given in first source

indolactam-V see indolactam V

indole
(RN) 120-72-9
(RR) 43072-30-6 (HCl)
(RR) 25713-20-6 (14C-labeled cpd)
(HM) *INDOLES
(NO) RN given refers to parent cpd; structure in Merck Index, 9th ed, #4840

indoleacetaldehyde
(RN) 2591-98-2
(RR) 24409-98-1 (sulfite)
(HM) *INDOLES
(NO) RN given refers to parent cpd

indoleacetate see indoleacetic acid

indoleacetic acid
(RN) 87-51-4
(RR) 32536-43-9 (cpd with unspecified locant for acetyl group)
(RR) 6305-45-9 (mono-Na salt)
(RR) 32022-69-8 (alpha-(14)C-labeled cpd)
(RR) 19094-71-4 (Ca salt, unspecified locants)
(RR) 2338-19-4 (mono-K salt)
(SY) indole-3-acetic acid
(SY) indoleacetate
(SY) indolyl-3-acetic acid
(SY) beta-indoleacetic acid
(HM) *INDOLEACETIC ACIDS
(NO) RN given refers to unlabeled parent cpd; structure in Merck Index, 9th ed, #4841

indole-3-acetic acid see indoleacetic acid

indole-3-acetonitrile
(RN) 771-51-7
(HM) *INDOLES
(NO) occurs in edible cruciferous vegetables

indoleacrylic acid
(RN) 1204-06-4
(RR) 29953-71-7 ((E)-isomer)
(RR) 13615-46-8 (Na salt)
(SY) 3-indolylacrylic acid
(HM) *INDOLES
(PA) CARCINOGENS
(II) PLANT GROWTH REGULATORS
(NO) Russian drug; natural auxin from lentil roots; RN given refers to parent cpd without isomeric designation

indole-3-aldehyde see indole-3-carbaldehyde

indoleamine 2,3-dioxygenase
(RN) EC 1.13.11.-
(SY) indoleamine-2,3-dioxygenase
(SY) IDOase
(SY) indoleamine-oxygen 2,3-oxidoreductase (decyclizing)
(HM) *OXYGENASES
(NO) acts on more substrates than D & L-tryptophan; found in intestine, lung, stomach, spleen & brain of rabbit; OXYGENASES (JM) may be replaced by TRYPTOPHAN OXYGENASE as appr

indoleamine-2,3-dioxygenase see indoleamine 2,3-dioxygenase

indoleamine-N-methyltransferase
(RN) EC 2.1.1.-
(HM) *METHYLTRANSFERASES

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indoleamine-oxygen 2,3-oxidoreductase (decyclizing) see indoleamine 2,3-dioxygenase

indole blocking factor see dopachrome oxidoreductase

indolebutyric acid
(RN) 133-32-4
(RR) 60096-23-3 (mono-K salt)
(RR) 66731-41-7 (mono-NH4 salt)
(RR) 10265-70-0 (mono-Na salt)
(HM) *INDOLES
(NO) RN given refers to parent cpd

indole-3-carbaldehyde
(RN) 487-89-8
(SY) indole-3-aldehyde
(HM) *INDOLES
(NO) metabolite of tryptophan; structure

indole-3-carbinol
(RN) 700-06-1
(HM) *INDOLES
(NO) occurs in edible cruciferous vegetables

indole-3-carboxylic acid tropine ester see ICS 205-930

indole-3-ethanol see tryptophol

indoleethylamine N-methyltransferase
(RN) EC 2.1.1.-
(SY) INETMT
(HM) *METHYLTRANSFERASES
(NO) request from searcher (1973)

indoleglycerol phosphate
(RN) 4220-97-7
(HM) *GLYCEROPHOSPHATES
(NO) inducer of tryptophan synthase

indole-3-lactic acid
(RN) 1821-52-9
(RR) 832-97-3 ((+-)-isomer)
(SY) 5-iHIPA
(SY) 5-hydroxyindolepropionic acid
(HM) *INDOLES
(NO) RN given refers to cpd without isomeric designation

indole-3-propanoic acid see indolepropionic acid

indolepropanol phosphate
(RN) 40716-80-1
(SY) IPP
(HM) *INDOLES
(NO) binds specifically to the alpha subunit, but not to the beta subunit of tryptophan synthase

indolepropionic acid
(RN) 830-96-6
(SY) indole-3-propanoic acid
(HM) *INDOLES
(NO) structure in third source

indolizomycin
(SY) (1S,2R,3S,7R,8R))-7,8-epoxy-8a-hydroxy-1,2-dimethylene-3-(1E,3E,5E)-5-methyl-1,3,5-heptatrienyl)octahydroindolizine
(HM) INDOLIZINES
(PA) ANTIBIOTICS
(NO) isolated from Streptomyces griseus and S. tenjimarienis; structure given in first source

indolmycin
(RN) 21193-77-1
(RR) 21200-23-7 ((R-(R*,S*))-isomer)
(RR) 13786-41-9 ((R*,S*)-(+-)-isomer)
(RR) 21200-24-8 ((S-(R*,S*))-isomer)
(HM) INDOLES
(PA) ANTIBIOTICS
(NO) produced by a strain of Streptomyces griseus; RN given refers to cpd without isomeric designation; structure

indolyl-3-acetic acid see indoleacetic acid

1-O-indol-3-ylacetyl-beta-D-glucose see 1-O-indol-3-ylacetylglucose

1-O-indol-3-ylacetylglucose
(RN) 19817-95-9
(SY) IAA-glucose
(SY) 1-O-indol-3-ylacetyl-beta-D-glucose
(HM) *INDOLEACETIC ACIDS

indol-3-ylacetyl-myoinositol galactoside
(SY) IAA-inositol galactoside
(HM) *INDOLEACETIC ACIDS
(NO) from maize kernels

indol-3-ylacetyl-myoinositol
(RN) 23784-11-4
(SY) IAA-inositol
(HM) *INDOLEACETIC ACIDS

3-indolylacrylic acid see indoleacrylic acid

indolylacryloylglycine
(RN) 3475-68-1
(RR) 61994-17-0 ((E)-isomer)
(HM) GLYCINE/*analogs
(II) DYES
(NO) chromogen found in urine; RN given refers to cpd without isomeric designation

indolyl-3-alkane-alpha-hydroxylase
(RN) EC 1.13.99.-
(SY) tryptophan side chain oxidase
(HM) *HYDROXYLASES
(NO) substrate INDOLES may be replaced by TRYPTOPHAN (NIM) as appr. Hemeprotein which needs no co-factor.

(3-indolyl-2-ethyl)piperidine see indalpine

4-(2-(3-indolyl)ethyl)piperidine see indalpine

1-(indolyl)-3-isopropylmethylpropargylamine
(RN) 86995-94-0
(SY) IIPMA
(HM) *INDOLES
(PA) MONOAMINE OXIDASE INHIBITORS
(NO) structure given in first source

1-(indol-4-yloxy)-3-(1-(4-azido-3-iodophenyl)-2-isobutylamine)-2-propanol
(RN) 77890-09-6
(SY) iodoazidobenzylpindolol
(SY) 4-IABP
(HM) PINDOLOL/*analogs
(HM) *AZIDES
(II) AFFINITY LABELS
(NO) RN given refers to (+-)-isomer; RN for cpd without isomeric designation not in Chemline 7/84; structure given in first source

indol-3-ylpyruvic acid
(RN) 392-12-1
(RR) 4384-87-6 (ion(1-))
(HM) *INDOLES
(NO) RN given refers to parent cpd

indol-3-yl sulfate see indican (metabolic indican)

indomethacin alpha-carboxyphenethyl ester see VUFB 12018

indomethacin carboxymethyl ester see acemetacin

indomethacin EOCME see indomethacin ethoxycarbonylmethyl ester

indomethacin ethoxycarbonylmethyl ester
(RN) 76812-43-6
(SY) indomethacin EOCME
(HM) INDOMETHACIN/*analogs
(PA) ANTI-INFLAMMATORY AGENTS

N-indomethacycloglycine
(SY) indomethacycloglycin (K1Na)
(HM) INDOMETHACIN/*analogs
(PA) ANTI-INFLAMMATORY AGENTS
(NO) anti-inflammatory low toxicity indomethacin derivative; no other info available 3/6/84

indomethacycloglycin (K1Na) see N-indomethacycloglycine

indopan
(RN) 299-26-3
(RR) 304-54-1 ((+-)-isomer)
(RR) 879-36-7 (mono-HCl)
(RR) 14702-62-6 (mono-HCl(+-)-isomer)
(RR) 14462-21-6 (HCl)
(RR) 33423-89-1 (HCl(+-)-isomer)
(RR) 66654-22-6 (mesylate)
(RR) 5118-26-3 (monoacetate)
(RR) 61664-32-2 (monotosylate(R)-isomer)
(RR) 61664-31-1 (monotosylate(S)-isomer)
(RR) 51366-23-5 (monoacetate(S)-isomer)
(RR) 7795-52-0 ((R)-isomer)
(RR) 7795-51-9 ((S)-isomer)
(RR) 3459-01-6 (mono-HCl(R)-isomer)
(RR) 3414-02-6 (mono-HCl(S)-isomer)
(SY) alpha-methyltryptamine
(HM) *TRYPTAMINES
(PA) MONOAMINE OXIDASE INHIBITORS
(NO) RN given refers to parent cpd without isomeric designation

indophenol oxidase
(RN) EC 1.-
(HM) *OXIDOREDUCTASES
(NO) also oxidizes tetrazolium salts in the presence of phenazine methosulfate; substrate INDOPHENOL may be replaced by TETRAZOLIUM SALTS; this is not EC 1.9.3.1

indoxole
(RN) 5034-76-4
(SY) 2,3-bis(4-methoxyphenyl)indole
(HM) *INDOLES
(PA) ANALGESICS, ANTI-INFLAMMATORY
(NO) structure

indoxyl
(RN) 480-93-3
(HM) *INDOLES

indoxyl sulfate see indican (metabolic indican)

induced protein, estrogen see estrogen-induced protein

Indusil T see cobamamide

INETMT see indoleethylamine N-methyltransferase

INF-B12 see intrinsic factor-vitamin B 12 complex

In-Fe colloid see indium ferric colloid

infected-cell polypeptide 8, herpes simplex virus see herpes simplex virus type 1 protein ICP8

Infect Immun 1981;32(2):480 see heat stable toxin (E coli)

infecundin
(RN) 8015-30-3
(SY) Sesquelan
(SY) enovid
(SY) Enovid-E
(HM) *NORETHYNODREL
(HM) *MESTRANOL
(HM) CONTRACEPTIVES, ORAL, COMBINED
(II) CONTRACEPTIVES, ORAL, SYNTHETIC
(NO) oral contraceptive made in Israel and Hungaria

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influenza virus hemagglutinin glycoprotein see hemagglutinin glycoproteins, influenza virus

influenza virus hemagglutinin HA(2) see hemagglutinin glycoproteins, influenza virus

influenza virus membrane protein
(SY) IVMP
(SY) influenza virus M2 protein
(HM) *VIRAL ENVELOPE PROTEINS
(II) ORTHOMYXOVIRUS TYPE A, HUMAN
(II) ORTHOMYXOVIRUS TYPE A, AVIAN

influenza A virus nonstructural protein NS1 see influenza virus nonstructural proteins

influenza virus nonstructural proteins
(SY) influenza A virus nonstructural protein NS1
(SY) INF-NSP
(HM) *VIRAL PROTEINS

influenza virus M2 protein see influenza virus membrane protein

influmine see moroxydine

INF-NSP see influenza virus nonstructural proteins

informofer
(SY) hnRNP
(SY) heterogeneous nuclear ribonucleoprotein
(SY) HeLa cell HnRNP
(SY) HeLa cell C-protein
(SY) HNRNP C protein
(HM) *RIBONUCLEOPROTEINS
(II) RNA, HETEROGENEOUS NUCLEAR
(II) HELA CELLS

informosome
(HM) *RNA, MESSENGER
(HM) *PROTEINS
(NO) combination of mRNA & protein found in cytoplasm of eukaryotic cells

INF-B12 RF see intrinsic factor-vitamin B12 complex releasing factor

ingenoid receptor see ingenol ester receptor

ingenol
(RN) 30220-46-3
(HM) *DITERPENES
(II) IRRITANTS
(NO) RN given refers to (1aR-(1aalpha,2alpha,5beta,5abeta,6beta,8aalpha,9alpha,10aal = pha))-isomer; RN for cpd without isomeric designation not in Chemline 7/84; structure

ingenol ester receptor
(SY) receptor, ingenol esters
(SY) ingenol ester receptors
(SY) ingenoid receptor
(HM) *RECEPTORS, DRUG
(II) DITERPENES

ingenol ester receptors see ingenol ester receptor

ingenol-3,5,20-triacetate
(RN) 30220-45-2
(HM) *DITERPENES
(PA) CARCINOGENS
(NO) tumor-promoting factor found in honey; RN given refers to (1aR-(1aalpha,2alpha,5beta,5abeta,6beta,8aalpha,9alpha,10aal = pha))-isomer; RN for cpd without isomeric designation not in Chemline 7/84

ingitril
(RN) 9048-62-8
(SY) inhitryl
(HM) *TISSUE EXTRACTS
(PA) PROTEASE INHIBITORS
(NO) antifibrinolytic; lyophilized apyrogenic prep from bovine lung tissue; Russian

inhib B-III see trypsin-chymotrypsin inhibitor B-III peanut

inhibin receptor
(SY) inhibin receptors
(SY) receptor, inhibin
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) INHIBIN

inhibin receptors see inhibin receptor

inhibisol see 1,1,1-trichloroethane

inhibitin see sodium transport inhibitor

inhibitor, glucose utilization see glucose utilization inhibitor

inhibitor of fibroblast proliferation see fibroblast proliferation inhibitor

inhibitory (epsilon) subunit of ATPase F1 see ATPase inhibitory protein

inhitryl see ingitril

INH-transacetylase see isoniazid-transacetylase

initiation factor IF1 see eIF-1

initiation factor IF-3 see peptide initiation factor 3

initiation factor 2 see eIF-2

initiation factor 4C see eIF-4C

initiator methionyl tRNA see tRNA(m)(Met), methionine-

Injectio salvia miltiorrhizae see salvia miltiorrhizae

inkasan see metralindole

inkazan see metralindole

inkrepan see increpan

Innovar
(RN) 8067-59-2
(SY) Thalamonal
(SY) talamonal
(SY) leptofen
(SY) Innovar-Vet
(HM) *DROPERIDOL
(HM) *FENTANYL
(HM) DRUG COMBINATIONS
(PA) ANALGESICS
(PA) ANESTHETICS
(NO) combination drug containing fentanyl citrate & droperidol

Innovar-Vet see Innovar

inokosterone
(RN) 15130-85-5
(RR) 23261-09-8 (duplicate RN)
(HM) *CHOLESTENES
(II) INVERTEBRATE HORMONES
(NO) minor descriptor (75-83); on-line & Index Medicus search CHOLESTENES (75-83); RN given refers to (2beta,3beta,5beta,22R)-isomer; RN for cpd without isomeric designation not in Chemline 8/9/83

inorganic pyrophosphatase
(RN) EC 3.6.1.1
(RR) 9024-82-2 (CRN)
(HM) *PYROPHOSPHATASES

inorganic pyrophosphate-D-fructose 6-phosphate 1-phosphotransferase see pyrophosphate-fructose 6-phosphate 1- phosphotransferase

inosine dialdehyde
(RN) 23590-99-0
(SY) NSC-118,994
(SY) diglycolaldehyde
(SY) inox
(HM) INOSINE/*analogs
(PA) ANTINEOPLASTIC AGENTS
(NO) do not confuse synonym "diglycolaldehyde" with synonym of same name for oxydiacetaldehyde (C4H603); RN given refers to (R-(R*,R*))-isomer; RN for cpd without isomeric designation not in Chemline 7/84; structure

inosine diphosphatase
(RN) EC 3.6.1.-
(SY) IDPase
(HM) *PHOSPHATASES

inosine-guanosine hydrolase
(RN) EC 3.2.2.-
(HM) *NUCLEOSIDASES

inosine nucleosidase
(RN) EC 3.2.2.2
(RR) 9030-95-9 (CRN)
(HM) *NUCLEOSIDASES

inosine triphosphatase
(RN) EC 3.6.1.-
(SY) ITPase
(SY) inosine triphosphate pyrophosphohydrolase
(SY) ITP pyrophosphohydrolase
(HM) *PYROPHOSPHATASES
(NO) releases pyrophosphate + IMP

inosine triphosphate pyrophosphohydrolase see inosine triphosphatase

inosinylyl-(3'-5')-inosine
(RN) 32452-39-4
(SY) diinosine monophosphate
(HM) *INOSINE MONOPHOSPHATE/analogs

Inosithin
(HM) *PHOSPHOLIPIDS
(NO) a soya-bean phospholipid preparation (Associated Concentrates, Inc.)

inositol-binding protein see myo-inositol-binding protein

inositol 1,4-bis(phosphate)
(RN) 47055-78-7
(RR) 74465-19-3 ((D)-isomer)
(RR) 2002-56-4 ((L)-isomer
(SY) myo-inositol 1,4-bisphosphate
(SY) inositol 1,4-diphosphate
(HM) *INOSITOL PHOSPHATES
(NO) induced in human platelets by thrombin; RN given refers to cpd without isomeric designation

inositol 2-dehydrogenase see myo-inositol 2-dehydrogenase

inositol 1,4-diphosphate see inositol 1,4-bis(phosphate)

meso-inositol hexanicotinate see inositol niacinate

inositol hexasulfate
(RN) 23330-83-8
(RR) 34043-97-5 (unspecified Na salt)
(RR) 69088-53-5 (Na-Al salt)
(RR) 70701-62-1 (hexa-Na salt)
(RR) 28434-25-5 (hexa-K salt)
(SY) myoinositol hexasulfate
(SY) inositol hexkissulfate
(SY) myoinositol hexakissulfate
(HM) INOSITOL/*analogs
(NO) RN given refers to parent cpd

inositol hexkissulfate see inositol hexasulfate

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inositolniacinate see inositol niacinate

inositol niacinate
(RN) 6556-11-2
(SY) inositol nicotinate
(SY) meso-inositol hexanicotinate
(SY) inositolniacinate
(HM) *NICOTINIC ACIDS
(PA) VASODILATOR AGENTS
(NO) structure

inositol nicotinate see inositol niacinate

inositol oxygenase see myo-inositiol oxygenase

inositol pentaphosphate
(RN) 25663-09-6
(RR) 26326-86-3 ((D)-isomer, specified as 1,2,4,5,6)
(SY) myo-inositol pentakis(dihydrogen phosphate)
(SY) inositol pentis(dihydrogen phosphate)
(HM) *INOSITOL PHOSPHATES
(NO) RN given refers to cpd without isomeric designation

inositol pentis(dihydrogen phosphate) see inositol pentaphosphate

inositol-1-phosphate dehydrogenase see myo-inositol-1-phosphate dehydrogenase

inositol-1-phosphate phosphohydrolase see 1L-myo-inositol-1-phosphatase

inositol 1-phosphate see myoinositol 1-phosphate

inositol 4-phosphate see myoinositol 4-phosphate

inositol phosphatidyltransferase see CDPdiacylglycerol-inositol 3-phosphatidyltransferase

inositol triphosphate
(RN) 27121-73-9
(RR) 28841-62-5 (1,2,6-triphosphate)
(RR) 28841-61-4 (1,2,5-triphosphate)
(RR) 2068-89-5 (1,3,6-triphosphate)
(RR) 85166-31-0 (1,4,5-triphosphate)
(SY) myo-inositol triphosphate
(SY) inositol 1,4,5-triphosphate
(HM) *INOSITOL PHOSPHATES
(NO) RN given refers to cpd with position of phosphate groups unspecified

inositol triphosphate phosphomonoesterase
(RN) EC 3.1.3.-
(SY) INTP esterase
(SY) triphosphoinositide phosphomonoesterase
(HM) *PHOSPHOMONOESTERASES
(NO) human erythrocyte membrane enzyme converts inositol 1,4,5-trisphosphate into inositol 1,4-bisphosphate

inositol 1,4,5-triphosphate see inositol triphosphate

inox see inosine dialdehyde

inprochon see inproquone

inproquone
(RN) 436-40-8
(SY) Bayer E39
(SY) E39
(SY) inprochon
(HM) *AZIRIDINES
(PA) ANTINEOPLASTIC AGENTS
(NO) major descriptor (78-80); replaced major descriptor Bayer E39 (63-77); on-line search AZIRINES (66-80); Index Medicus search Bayer E39 (63-77), INPROQUONE (78-80)

insecticyanin
(HM) *INVERTEBRATE HORMONES
(II) HEMOLYMPH
(NO) blue biliprotein from hemolymph of tobacco hornworm; amino acid sequence given in first source; MW 21,378; 189-amino acids

insect storage proteins
(SY) storage proteins, insect
(HM) *INVERTEBRATE HORMONES
(II) HEMOLYMPH
(NO) synthesized in fat body during larval feeding stage & secreted into hemolymph; with puparium formation they are selectively taken up again by fat body; used as source of amino acids & energy for synthesis of new proteins during metamorphosis

Insozalin see Bactrim

insta-gel
(RN) 11139-93-8
(HM) *XYLENES
(II) SURFACE-ACTIVE AGENTS
(II) GELS
(NO) xylene-based liquid scintillation cocktail for tritium counting of aqueous samples; contains surfactant for homogenizing sample

Instenon
(RN) 8067-16-1
(HM) THEOPHYLLINE/*analogs
(HM) *HEXOBENDINE
(HM) *ETHAMIVAN
(HM) DRUG COMBINATIONS
(NO) combination containing hydroxyethyltheophylline, hexobendine & vanillic acid diethylamide

insulin, adipoyl-
(SY) (adipoyl-Arg B22)insulin
(SY) adipoyl-insulin
(HM) INSULIN/*analogs
(NO) arginine B22 residue of insulin modified by adipoyl group

insulin, Ala (A1)- see insulin, alanine (A1)-

insulin, Ala(B23)-des(hexapeptide B25-30) -
(RN) 51798-58-4
(RR) 51798-59-5 (D-Ala(B23)-isomer)
(SY) Ala(B23)-des(hexapeptide B25-30)insulin
(SY) alanine(B23)-des(hexapeptide B25-30)insulin
(SY) insulin, alanine(B23)-des(hexapeptide B25-30)-
(SY) Ala-dhex-insulin
(SY) des(hexapeptide B25-30)-Ala(B23)-insulin
(HM) INSULIN/*analogs
(HM) *PEPTIDE FRAGMENTS
(NO) RN given refers to all (L)-isomer in Chemline

insulin, alanine (A1)-
(RN) 68368-97-8
(SY) insulin, Ala (A1)-
(SY) (1-alanine-A)insulin
(SY) alanine (A1)insulin
(SY) Ala (A1)insulin
(HM) INSULIN/*analogs
(NO) both (D)- & (L)-isomers have been prepared

insulin, alanine(B23)-des(hexapeptide B25-30)- see insulin, Ala(B23)-des(hexapeptide B25-30)-

insulin-alpha 2-macroglobulin conjugate see alpha 2-macroglobulin-insulin complex

insulin, Arg (B22)-
(RN) 85027-35-6
(SY) Arg (B22)insulin
(SY) insulin, arginine (B22)-
(SY) arginine (B22)insulin
(HM) INSULIN/*analogs

insulin, arginine (B22)- see insulin, Arg (B22)-

insulin, Asn(B10)-
(SY) insulin, asparagine (B10)-
(SY) 10-asparagine-B-insulin
(SY) Asn (B10)insulin
(SY) asparagine (B10)insulin
(HM) INSULIN/*analogs

insulin, asparagine (B10)- see insulin, Asn(B10)-

insulin, (4-azidobenzoyl)-
(RN) 73468-14-1
(SY) (4-azidobenzoyl)insulin
(SY) monoazidobenzoylinsulin
(SY) N-B29-monoazidobenzoylinsulin
(HM) INSULIN/*analogs
(HM) *AZIDES
(II) AFFINITY LABELS

insulin, beta(20-30)- see insulin, B(20-30)-

insulin, beta(22-30) see insulin, B(22-30)

insulin, beta(9-30)- see insulin, B(9-30)-

insulin, biotinyl-
(SY) biotinylinsulin
(HM) INSULIN/*analogs

insulin, bis(tert-butyloxycarbonyl)desoctapeptide-phenylhydrazide- see insulin, di-Boc-DOP-phenylhydrazide-

insulin, B(20-30)-
(SY) insulin, beta(20-30)-
(SY) beta(20-30)insulin
(SY) B(20-30) insulin
(HM) *INSULIN
(HM) *PEPTIDE FRAGMENTS

insulin, B(22-30)
(RN) 89270-99-5
(SY) insulin, beta(22-30)
(SY) beta(22-30) insulin
(HM) *INSULIN
(HM) *PEPTIDE FRAGMENTS

insulin, B(9-30)-
(SY) insulin, beta(9-30)-
(SY) beta(9-30)insulin
(SY) B(9-30) insulin
(HM) *INSULIN
(HM) *PEPTIDE FRAGMENTS

insulin Chicago see insulin, Leu (B25)-

insulin, citraconyl-
(SY) citraconyl insulin
(HM) INSULIN/*analogs

insulin dependent activator see pyruvate dehydrogenase activator

insulin-dependent cytoplasmic regulator see cytoplasmic glycoprotein

insulin-dependent tyrosine protein kinase
(RN) EC 2.7.1.-
(SY) insulin receptor-associated protein kinase
(SY) IDTP kinase
(HM) *PROTEIN-TYROSINE KINASE
(NO) may be component of insulin receptor; acts on angiotensin II, anti-src IgG, histone H2b, casein & tubulin

insulin, depot-
(SY) depot-insulin
(HM) INSULIN/*analogs
(II) DELAYED-ACTION PREPARATIONS
(NO) bovine insulin (Hoechst) with Surfen (N,N'-bis(4-amino-2-methyl-6-quinolyl)urea) as depot component; do not confuse with depot preparation of protamin zinc insulin suspension

insulin, desasparagine (A21)-desalanine (30B)- see insulin, des-Asp (A21)-des-Ala (30B)-

insulin, des-Asp (A21)-des-Ala (30B)-
(RN) 12584-26-8
(SY) des-Asp (A21)-des-Ala (30B)insulin
(SY) insulin, desasparagine (A21)-desalanine (30B)-
(SY) desasparagine (A21)-desalanine (B30)insulin
(HM) INSULIN/*analogs
(NO) insulin lacking the C-terminal amino acids from both the A- & B-chains; retards dissociation of the insulin-receptor complex

insulin, deshexapeptide (B25-B30)
(RN) 39471-22-2
(SY) deshexapeptide insulin (B25-B30)
(HM) INSULIN/*analogs

insulin, desoctapeptide-
(RN) 39416-70-1
(SY) desoctapeptide insulin
(HM) INSULIN/*analogs

insulin, des-Phe-
(RN) 51798-72-2
(SY) Optisulin-Depot CR
(SY) Optisulin-Long CR
(SY) dephenylalanine-insulin
(SY) des-Phe-insulin
(SY) des-Phe (B1)insulin
(SY) desphenylalanine-insulin
(SY) insulin, desphenylalanine-
(HM) INSULIN/*analogs
(II) DELAYED-ACTION PREPARATIONS
(NO) Phe removed from B-chain of insulin; has no loss of activity

insulin, desphenylalanine- see insulin, des-Phe-

insulin, dethiobiotinyl-
(SY) dethiobiotinylinsulin
(HM) INSULIN/*analogs

insulin-dextran
(RN) 9083-89-0
(SY) dextran-insulin complex
(HM) INSULIN/*analogs
(HM) *DEXTRANS

insulin, di-Boc-DOP-phenylhydrazide-
(RN) 79804-78-7
(SY) bis(tert-butyloxycarbonyl)desoctapeptide insulin phenylhydrazide
(SY) insulin, bis(tert-butyloxycarbonyl) desoctapeptide-phenylhydrazide-
(HM) INSULIN/*analogs
(NO) RN from first source

insulin, dicitraconyl Gly(A1)Phe(B1)-
(SY) dicitraconylinsulin, Gly(A1)Phe(B1)-
(SY) Gly(A1)Phe(B1)-dicitraconylinsulin
(SY) dicitraconylinsulin, glycine(A1)phenylalanine (B1)-
(SY) DC-GP-insulin
(HM) INSULIN/*analogs
(NO) starting material for preparation of Lys-B29 modified insulin derivatives

insulin, diiodo-Tyr-
(RN) 87347-15-7
(SY) insulin, diiodotyrosine-
(SY) diiodo-Tyr-insulin
(SY) diiodotyrosine insulin
(SY) (A19-3,5-diiodotyrosine)insulin
(HM) INSULIN/*analogs

insulin, diiodotyrosine- see insulin, diiodo-Tyr-

insulin dimers
(HM) *INSULIN
(NO) dimers containing oxalyl, suberoyl & dodecanedioyl cross-links have been produced; showed potencies between 1-60% that of insulin on weight basis in stimulating lipogenesis in isolated fat cells

insulin, Gln (B30)-
(SY) insulin, glutamine (B30)-
(SY) Gln (B30)insulin
(SY) glutamine B(30)insulin
(HM) INSULIN/*analogs

insulin-glucagon liberin
(RN) 81628-03-7
(HM) *PEPTIDES
(II) HYPOTHALAMIC HORMONES
(NO) tridecapeptide that enhances insulin & glucagon release from isolated islets of Langerhans; extracted from hypothalami

insulin, glutamine (B30)- see insulin, Gln (B30)-

insulin, glycosylated
(SY) glycosylated insulin
(SY) insulin-oligosaccharides
(SY) insulin-maltose
(SY) insulin-maltotriose
(SY) insulin-mannotriose
(SY) insulin-mannotetrose
(HM) INSULIN/*analogs
(NO) glycosylated insulin complexed to a lectin serves as insulin delivery system

insulin, iodo-
(SY) monoiodoinsulin
(SY) iodoinsulin
(SY) A14-monoiodoinsulin
(HM) INSULIN/*analogs

insulin, iodo-Tyr-
(SY) insulin, iodotyrosine-
(SY) iodo-Tyr-insulin
(SY) iodotyrosine insulin
(SY) (A19-3-iodotyrosine)-insulin
(SY) insulin, iodotyrosyl-
(SY) iodotyrosylinsulin
(SY) A14-iodotyrosine insulin
(SY) insulin, iodotyrosine A14-
(SY) A14 iodo-Tyr-insulin
(HM) INSULIN/*analogs
(II) IODINE RADIOISOTOPES
(NO) used with (125)I for receptor assay

insulin, iodotyrosine- see insulin, iodo-Tyr-

insulin, iodotyrosine A14- see insulin, iodo-Tyr-

insulin, iodotyrosyl- see insulin, iodo-Tyr-

insulin, Leu (A19)-
(SY) insulin, leucine (A19)-
(SY) Leu (A19)insulin
(SY) leucine (A19)insulin
(HM) INSULIN/*analogs
(NO) tyrosine replaced by leucine at position A19 in the insulin molecule

insulin, Leu (B24)-
(RN) 78564-75-7
(SY) insulin, leucine (B24)-
(SY) Leu (B24)insulin
(SY) leucine (B24)insulin
(HM) INSULIN/*analogs
(NO) semisynthetic insulin analogs

insulin, Leu (B25)-
(RN) 78564-74-6
(SY) Leu (B25)insulin
(SY) insulin, leucine (B25)-
(SY) leucine (B25)insulin
(SY) insulin Chicago
(HM) INSULIN/*analogs
(NO) semisynthetic insulin analog; mutant insulin found in patient with hyperinsulinemic diabetes mellitus; Leu substitutes for Phe in position 25 in B chain

insulin, leucine (A19)- see insulin, Leu (A19)-

insulin, leucine (B24)- see insulin, Leu (B24)-

insulin, leucine (B25)- see insulin, Leu (B25)-

insulin-like growth factor carrier
(SY) ILGRFC
(HM) *CARRIER PROTEINS
(NO) specific carrier protein which transports insulin-like growth factor in the blood to different organs

insulin-like growth factor receptor
(SY) receptor, insulin-like growth factor
(SY) ILGFC
(SY) insulin-like growth factor receptors
(SY) insulinlike peptide receptor
(SY) ILAs receptor
(SY) somatomedin C receptor
(SY) receptor, somatomedin C
(SY) somatomedin C receptors
(SY) multiplication-stimulating activity receptor
(SY) MULSTIACT receptors
(SY) multiplication-stimulating activity receptors
(SY) receptor, multiplication-stimulating activity
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) SOMATOMEDINS

insulin-like growth factor receptors see insulin-like growth factor receptor

insulinlike peptide receptor see insulin-like growth factor receptor

insulin-maltose see insulin, glycosylated

insulin-maltotriose see insulin, glycosylated

insulin-mannotetrose see insulin, glycosylated

insulin-mannotriose see insulin, glycosylated

insulin mediators
(HM) *RECEPTORS, INSULIN
(NO) biologically active extracts from rat skeletal muscle & rat adipocytes

insulin, N-methylpyridinium
(RN) 86016-42-4
(SY) N-methylpyridinium insulin
(HM) INSULIN/*analogs
(II) HORMONES, SYNTHETIC
(NO) synthetic analog of insulin; Tyr moiety is replaced by N-methylpyridinium

Insulin, Neutral see insulin, neutral

insulin, neutral
(RN) 12584-58-6
(SY) Actrapid insulin
(SY) insulin (ox), 8(A)-L-threonine-10(A)-L-isoleucine-
(SY) neutral insulin
(SY) porcine insulin
(SY) Insulin, Neutral
(SY) Novo MC insulin
(HM) *INSULIN
(NO) clear neutral solution pork insulin; given as 9004-14-2 in USAN 1980, p.169, an ON in Chemline

insulin, B1-(2-nitro-4-azidophenylacetyl) -
(RN) 76688-24-9
(SY) B1(2-nitro-4-azidophenylacetyl)insulin
(SY) BINAPA-Ins
(HM) *AZIDES
(HM) INSULIN/*analogs
(II) AFFINITY LABELS
(NO) photoreactive insulin derivative; used also for affinity labeling

insulin, B29-(2-nitro-4-azidophenylacetyl)-
(RN) 76688-25-0
(SY) B29(2-nitro-4-azidophenylacetyl)insulin
(SY) B29NAPA-Ins
(HM) *AZIDES
(HM) INSULIN/*analogs
(II) AFFINITY LABELS
(NO) photoreactive insulin derivative; used also for affinity labeling

insulin, B2-(2-nitro-4-azidophenylacetyl)-des-Phe (B1)-
(RN) 76688-14-7
(SY) B2(2-nitro-4-azidophenylacetyl)-desphenylalanine (B1)insulin
(SY) NAPA-DP-insulin
(SY) NAPA-INSULIN (B29)
(SY) B2 (2-nitro-4-azidophenylacetyl)des-Phe(B1) insulin
(SY) 2-nitro-4-azidophenylacetyl (B2)des- phenylalanyl (B1)insulin
(HM) *AZIDES
(HM) INSULIN/*analogs
(II) AFFINITY LABELS

insulin, A1-(2-nitro-4-azidophenyl)-
(RN) 50645-87-9
(SY) A1(2-nitro-4-azidophenyl)insulin
(SY) A1NAP-Ins
(HM) *AZIDES
(HM) INSULIN/*analogs
(II) AFFINITY LABELS
(NO) photoreactive insulin derivative; used also for affinity labeling

insulin, B29-(2-nitro-4-azidophenyl) glycine
(RN) 85764-63-2
(SY) B29(2-nitro-4-azidophenyl)glycine insulin
(SY) B29NAPGL-Ins
(HM) *AZIDES
(HM) INSULIN/*analogs
(II) AFFINITY LABELS

insulin, Nle (B17)-
(SY) norleucine (B17)insulin
(SY) insulin, norleucine (B17)-
(SY) NLe (B17)insulin
(HM) INSULIN/*analogs

insulin, norleucine (B17)- see insulin, Nle (B17)-

insulin-oligosaccharides see insulin, glycosylated

insulin (ox), 8(A)-L-threonine-10(A)-L-isoleucine- see insulin, neutral

insulin, PEG- see insulin, polyethylene glycol B1-

insulin, Phe (B24)- see insulin, supernormal

insulin, phenylalanine (B24)- see insulin, supernormal

insulin, polyethylene glycol B1-
(SY) polyethylene-glycol-B1-insulin
(SY) PEG insulin
(SY) insulin, PEG-
(HM) INSULIN/*analogs

insulin potentiating fragments of growth hormone see acceleratory factor from growth hormone

insulin, Pro (B21)-
(RN) 86595-05-3
(SY) Pro (B21)insulin
(SY) insulin, proline (B21)-
(SY) proline (B21)insulin
(HM) INSULIN/*analogs
(NO) higher biological activity in vitro than insulin; RN from first source; RN not in Chemline 11/83

insulin, proline (B21)- see insulin, Pro (B21)-

insulin receptor-associated protein kinase see insulin-dependent tyrosine protein kinase

insulin-releasing polypeptide see incretin

insulin resistance activity (uremia) see insulin resistance factor (uremia)

insulin resistance factor (uremia)
(SY) insulin resistance activity (uremia)
(SY) IRF (uremia)
(HM) *PEPTIDES
(II) INSULIN RESISTANCE
(NO) small molecular weight circulating peptide, unique to uremia, which induces insulin resistance by a protein synthesis-dependent mechanism

insulin, Ser (B24)-
(SY) insulin, serine (B24)-
(SY) Ser (B24) insulin
(SY) serine (B24) insulin
(HM) INSULIN/*analogs

insulin, Ser (B25)-
(SY) Ser (B25) insulin
(SY) serine (B25) insulin
(SY) insulin, serine (B25)-
(HM) INSULIN/*analogs

insulin, serine (B24)- see insulin, Ser (B24)-

insulin, serine (B25)- see insulin, Ser (B25)-

insulin, single chain des-(B30)-
(RN) 39416-73-4
(SY) single chain des-(B30) insulin
(SY) SCI des-(B30)
(HM) INSULIN/*analogs
(NO) RN given for all (L)-isomer; RN for cpd without isomeric designation not in Chemline 8/85

insulin, supernormal
(SY) Phe (B24)insulin
(SY) insulin, Phe (B24)-
(SY) phenylalanine (B24)insulin
(SY) insulin, phenylalanine (B24)-
(SY) supernormal insulin
(HM) INSULIN/*analogs
(II) RECOMBINANT PROTEINS
(NO) semisynthetic insulin with increased affinty for insulin receptors

insulin, ultratard
(SY) ultratard insulin
(HM) *INSULIN
(II) DELAYED ACTION PREPARATIONS

INT see iodonitrotetrazolium

intacellin
(HM) *TISSUE EXTRACTS
(II) PLACENTA
(NO) enzymatically decomposed human placenta extract; stimulates tissue metabolism

integrase
(RN) 52350-85-3
(SY) lambda integrase
(HM) *DNA UNWINDING PROTEINS
(II) PHAGE LAMBDA/enzymol
(NO) inserts bacteriophage lambda DNA into the E. coli genome

integration host factor, E coli
(SY) IHF-EC
(HM) *BACTERIAL PROTEINS
(NO) consists as a 1:1 complex of 2 peptides, MW 11,000 & 9,500; required for phage lambda integrative recombination

integration protein (bacteriophage lambda)
(SY) lambda int protein
(SY) int protein, lambda
(HM) *VIRAL PROTEINS
(II) DNA INSERTION ELEMENTS

inter-alpha-inhibitor
(RN) 39346-44-6
(SY) inter-alpha-trypsin inhibitor
(SY) protein pi
(HM) *ALPHA GLOBULINS
(PA) TRYPSIN INHIB
(PA) CHYMOTRYPSIN/antag
(NO) inhibits bovine trypsin & chymotrypsin; complex formed with chymotrypsin less stable; alpha-glycoprotein

inter-alpha-trypsin inhibitor see inter-alpha-inhibitor

interference factor ia see ribosomal protein S1

interferon alpha receptor see interferon receptor

interferon alpha receptors see interferon receptor

interferon, alpha 1(111-166)
(SY) human interferon alpha 1(111-166)
(SY) HUIFN-alpha 1-(111-166)
(HM) *INTERFERON TYPE I
(HM) *PEPTIDE FRAGMENTS
(II) RECOMBINANT PROTEINS

interferon, alpha 2(1-110)
(SY) human interferon alpha 2(1-110)
(SY) HUIFN-alpha 2-(1-110)
(HM) *INTERFERON TYPE I
(HM) *PEPTIDE FRAGMENTS
(II) RECOMBINANT PROTEINS
(NO) thermolysin digested fragment of recombinant human interferon alpha; see also related complementary fragment (111-153)

interferon, alpha 2(111-153)
(SY) human interferon alpha 2(111-153)
(SY) HUIFN-alpha 2-(111-153)
(HM) *INTERFERON TYPE I
(HM) *PEPTIDE FRAGMENTS
(II) RECOMBINANT PROTEINS
(NO) thermolysin digested fragment of recombinant human interferon alpha; see also related complementary fragment (1-110)

interferon beta receptor see interferon receptor

interferon beta, serine(17)- see interferon beta, Ser(17)-

interferon beta, Ser(17)-
(SY) interferon beta, serine(17)-
(SY) serine(17) interferon beta
(SY) Ser(17) IFN-beta
(HM) *INTERFERON TYPE I
(II) RECOMBINANT PROTEINS
(NO) recombinant human fibroblast interferon in which cysteine is replaced by serine at position 17

interferon, delta
(SY) delta interferon
(HM) *INTERFERON TYPE I
(NO) interferon from human mononuclear leukocytes, antigenically distinct from alpha, beta, or gamma

interferon eicosapeptide see interferon eicosapeptide (human lymphoblastoid)

interferon eicosapeptide (human lymphoblastoid)
(RN) 79113-16-9
(SY) interferon eicosapeptide
(SY) ITF-ECP
(HM) *INTERFERONS
(HM) *PEPTIDE FRAGMENTS
(NO) eicosapeptide, H-Ser-Asp-Leu-Pro-Gln-Thr-His-Ser-Leu-Gly-Asn-Arg-Arg-Ala-Leu-Ile-Leu-Leu-Ala-Gln-OH, corresponding to N-termina. AA sequence of major component of human lymphoblastoid interferon

interferon gamma receptor see interferon receptor

interferon receptor
(SY) receptor, interferon
(SY) interferon receptors
(SY) interferon alpha receptor
(SY) receptor, alpha interferon
(SY) interferon alpha receptors
(SY) interferon gamma receptor
(SY) interferon beta receptor
(HM) *RECEPTORS, IMMUNOLOGIC
(II) INTERFERONS

interferon receptors see interferon receptor

interleukin 1 inhibitor see lymphocyte proliferation inhibitory factor

interleukin 2 inhibitor
(HM) *LYMPHOKINES
(PA) INTERLEUKIN 2/antag
(NO) MW 11,000 to 12,000; inhibits IL-2 but not IL-3-dependent proliferation

interleukin 1 precursor
(SY) IL 1 precursor
(HM) *INTERLEUKIN 1
(HM) *PROTEIN PRECURSORS
(NO) MW 33,000 protein enzymatically cleaved to low MW form

interleukin 1 receptors see interleukin 1 receptor

interleukin 3 receptors see interleukin 3 receptor

interleukin 1 receptor
(SY) receptor, interleukin 1
(SY) interleukin 1 receptors
(SY) IL 1 receptor
(HM) *RECEPTORS, IMMUNOLOGIC
(II) INTERLEUKIN 1
(II) RECEPTORS, ANTIGEN, T-CELL

interleukin 2 receptor see mitogenic factor receptor

interleukin 3 receptor
(SY) receptor, interleukin 3
(SY) interleukin 3 receptors
(SY) IL 3 receptor
(HM) *RECEPTORS, IMMUNOLOGIC
(II) LYMPHOKINES
(II) RECEPTORS, ANTIGEN, T-CELL

interleukin-2 (59-72)
(SY) IL-2, 59-72
(SY) peptide 84
(HM) *MITOGENIC FACTORS, LYMPHOCYTE
(HM) *PEPTIDE FRAGMENTS
(NO) corresponds to 59-82 sequence of secreted human IL-2

interleukin 3
(SY) IL-3
(SY) IL 3
(SY) histamine-producing cell-stimulating factor
(SY) glycosylation-enhancing factor
(SY) mast cell growth factor
(SY) MCGF
(SY) P cell stimulating factor
(HM) *LYMPHOKINES
(II) HISTAMINE LIBERATION/drug eff
(II) GROWTH SUBSTANCES
(NO) lymphokine from mitogen-stimulated lymphocyte conditioned media; biochemically & functionally distinct from Il-1 & IL-2; also produced by murine myelomonocytic leukemia WEHI-3 & lymphoma LBRM-33 cells; different from granulocyte colony stimulating factor & TCGF

intermed filament form prot see intermediate filament-forming protein

intermediate density lipoprotein cholesterol see lipoprotein cholesterol

intermediate density lipoproteins see lipoproteins, IDL

intermediate filament-forming protein
(SY) intermed filament form prot
(HM) *MEMBRANE PROTEINS
(NO) a transformation-sensitive membrane glycoprotein from hamster embryo fibroblasts

intermediate filament protein p50
(SY) IFP-p50
(HM) *INTERMEDIATE FILAMENT PROTEINS
(NO) MW 50,000; recognized by monoclonal antibodies

intermedine see indicine

interphotoreceptor retinol-binding protein see retinol-binding glycoprotein

interspecific embryonic antigen-1
(SY) IEA-1
(HM) *ANTIGENS, NEOPLASM
(II) GLYCOPROTEINS
(NO) glycoprotein; MW 80,000 to 10,000; found in blood of human cancer patients

interspecific embryonic antigen-2
(SY) IEA-2
(HM) *ANTIGENS
(II) GLYCOPROTEINS
(II) ANTIGENS, NEOPLASM
(NO) glycoprotein; MW appr 36,000; found in animal fetuses & in blood of both cancer & non-cancer patients

intestinal M3C antigens see colonic-gastric mucus-associated antigens

intestinal mucus-associated antigens see colonic-gastric mucus-associated antigens

intestinal protein I see protein I, intestinal

intestinal thiol oxidase see glutathione oxidase

Intestopan
(RN) 8060-82-0
(SY) Enteroquin
(HM) *8-HYDROXYQUINOLINE/analogs
(HM) DRUG COMBINATIONS
(HM) *QUINALDINES
(NO) mixture of broxyquinoline & brobenzoxaldine

(111)In tetraphenylporphyrin see indium tetraphenylporphyrin

intetrix
(RN) 87453-65-4
(HM) *8-HYDROXYQUINOLINE/analogs
(HM) DRUG COMBINATIONS
(NO) combination of tiliquinol & tilbroquinol

INTP esterase see inositol triphosphate phosphomonoesterase

int protein, lambda see integration protein (bacteriophage lambda)

intraglobin
(HM) IGG/*analogs
(NO) IgG chemically modified with beta-propiolactone

Intraxium see penimocycline

intrinsic factor-cobalamin receptor
(SY) INCO receptor
(SY) intrinsic factor-cobalamin receptors
(SY) receptor, intrinsic factor-cobalamin
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) INTRINSIC FACTOR
(II) VITAMIN B 12
(NO) receptor specific for for intrinsic factor-cobalamin complex; receptor does not bind free cobalamin, free intrinsic factor or other protein-cobalamin complexes

intrinsic factor-cobalamin receptors see intrinsic factor-cobalamin receptor

intrinsic factor receptor
(SY) receptor, intrinsic factor
(SY) intrinsic factor receptors
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) INTRINSIC FACTOR

intrinsic factor receptors see intrinsic factor receptor

intrinsic factor-vitamin B 12 complex
(SY) INF-B12
(HM) *INTRINSIC FACTOR
(HM) *VITAMIN B 12
(NO) complex formed in vivo

intrinsic factor-vitamin B12 complex releasing factor
(SY) INF-B12 RF
(HM) *GLYCOPROTEINS
(II) INTRINSIC FACTOR
(II) VITAMIN B 12
(NO) from ileal brush border; glycoprotein MW 23,400; releases intrinsic factor from vitamin B 12 in intestinal tract

In-tropolonate see indium tris(tropolonate)

inula
(RN) 68991-37-7
(SY) pushkarmula
(SY) Inula racemosa
(SY) pushkarmoola
(HM) *INULIN
(HM) *PLANT EXTRACTS
(II) OILS, VOLATILE
(NO) contains inulin, volatile oil, alantol, helenin, alantic acid, acrid resin

Inula racemosa see inula

inulinase
(RN) EC 3.2.1.7
(RR) 9025-67-6 (CRN)
(HM) *GLYCOSIDE HYDROLASES

inulosucrase
(RN) EC 2.4.1.9
(SY) fructosyltransferase
(SY) sucrose sucrose 1-fructosyltransfertase
(HM) *HEXOSYLTRANSFERASES

invertase see beta-D-fructofuranosidase

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invert sugar
(RN) 8013-17-0
(HM) *FRUCTOSE
(HM) *GLUCOSE
(PA) CARIOGENIC AGENTS
(NO) mixture of approx 50% dextrose & 50% levulose obtained by acid hydrolysis of cane sugar

involucrin
(HM) *PROTEIN PRECURSORS
(NO) soluble precursor protein of cross-linked envelope characteristic of epidermal s. corneum synthesized by keratinocytes in natural & cultured human epithelia; see also related records for prekeratin & stratum corneum basic protein precursor

Inzolen
(RN) 8072-91-1
(HM) *ASPARTIC ACID
(NO) mineral preparation containing KCl; MGCl(2); CuCl(2); ZnSO(4); used in therapy of zinc deficiency; second source states that Inzolen is a combination of K , Mg, Cu, Mn & Co salts of aspartic acid; affects platelet factor 3 availability

IOB-82 see IOB 82

IOB 82
(RN) 5977-35-5
(RR) 52616-25-8 (Na salt)
(SY) NSC-146171
(SY) IOB-82
(HM) *NITROGEN MUSTARD COMPOUNDS
(NO) RN given refers to parent cpd

iocarmate meglumine
(RN) 54605-45-7
(RR) 53452-14-5 (iocarmic acid monomeglumine salt)
(SY) dimer-X
(SY) dimeriks
(HM) *MEGLUMINE
(HM) IOTHALAMIC ACID/*analogs
(II) CONTRAST MEDIA
(NO) cpd is iocarmic acid dimeglumine salt; RN given refers to dimeglumine salt; see also iocarmic acid; structure in USAN 1980, p.170

iocarmic acid
(RN) 10397-75-8
(RR) 53488-29-2 (di-Na salt)
(SY) sodium iocarmate
(HM) IOTHALAMIC ACID/*analogs
(NO) RN given refers to parent cpd; see also iocarmate meglumine

iodecol
(RN) 81045-33-2
(SY) ZK 38 005
(HM) *TRIIODOBENZOIC ACIDS
(II) CONTRAST MEDIA

Iodex
(HM) *IODINE
(HM) *OLEIC ACIDS
(HM) DRUG COMBINATIONS
(II) ADHESIONS/drug ther
(NO) consists of 4.7% iodine loosely combined with oleic acid & suspended in a petrolatum base

iodic acid
(RN) 7782-68-5
(RR) 80281-26-1 (125I-labeled cpd Na salt)
(RR) 25659-31-8 (Pb(2+) salt)
(RR) 15587-42-5 (131I-labeled cpd)
(RR) 13765-03-2 (Li salt)
(RR) 13470-01-4 (Sr salt)
(RR) 13455-24-8 (K salt[2:1])
(RR) 13446-76-9 (Rb salt)
(RR) 7790-32-1 (Mg salt)
(RR) 7783-32-6 (Hg(2+) salt)
(HM) *IODATES
(NO) RN given refers to parent cpd

iodinated casein see protamone

iodinated growth hormone see somatotropin, iodinated

iodine monochloride
(RN) 7790-99-0
(RR) 54377-14-9 (125I-labeled cpd)
(HM) *CHLORIDES
(HM) *IODIDES
(II) INDICATORS AND REAGENTS
(NO) RN given refers to parent cpd; structure

iodine-tyrosine somatostatin see somatostatin, iodine-Tyr-

iodine-Tyr-somatostatin see somatostatin, iodine-Tyr-

iodipin see iodipine

iodipine
(RN) 8049-96-5
(SY) 1,4-dihydro-2,6-dimethyl-4-(2-trifluoromethylphenyl)-3,5-pyridinecarboxylic acid 2-((1-(3-iodo-4-hydroxyphenyl)-3-oxoprolyl) amino)ethyl ester
(SY) iodipin
(HM) *IODOBENZENES
(II) IODINE RADIOISOTOPES
(NO) 125I-labeled cpd; high affinity ligand for calcium channel

iodized salt
(HM) *IODINE
(HM) *SODIUM CHLORIDE
(NO) RN in Chemline for NaCl and iodized salt: 7647-14-5

4-(N-iodoacetamide)-2,2,6,6-tetramethylpiperidine-1- oxyl see N-(1-oxyl-2,2,6,6-tetramethyl-4-piperidinyl) iodoacetamide

iodoacetamidoeosin
(RN) 69414-31-9
(SY) eosin-5-acetamide
(HM) EOSIN/*analogs
(NO) structure

iodoacetamidoerythrosin
(RN) 86583-16-6
(HM) *ERYTHROSINE/analogs

5-(iodoacetamido)fluorescein see 5-iodoacetamidofluorescein

5-iodoacetamidofluorescein
(SY) 5-IAF
(SY) 5-(iodoacetamido)fluorescein
(SY) fluorescein iodoacetamide
(HM) *FLUORESCEINS

2-(4'-(2"-iodoacetamido)phenyl)aminonaphthalene-6- sulfonic acid see IAANS

4-iodoacetamidosalicylic acid
(RN) 4323-00-6
(HM) *SALICYLIC ACIDS
(HM) IODOACETAMIDE/analogs

iodoacetamidotetramethylrhodamine see tetramethylrhodamine iodoacetamide

iodoacetate see iodoacetic acid

iodoacetic acid
(RN) 64-69-7
(RR) 28747-25-3 (14C-labeled cpd)
(RR) 15973-59-8 (K salt)
(RR) 305-53-3 (Na salt)
(RR) 55757-50-1 (acetic-2-(13)C--acid, 2-iodo-labeled cpd)
(RR) 53745-33-8 (123I-labeled cpd)
(RR) 53745-35-0 (125I-labeled cpd)
(RR) 35133-36-9 (131I-labeled cpd)
(RR) 55327-35-0 (Cd salt)
(RR) 35986-86-4 (Cu(2+) salt)
(RR) 55198-50-0 (Tb(3+) salt)
(RR) 69636-96-0 (Ba salt)
(RR) 69636-94-8 (Ca salt)
(RR) 69636-98-2 (Co(2+) salt)
(RR) 69493-24-9 (14C-labeled cpd)
(RR) 69636-93-7 (Mg salt)
(RR) 69636-97-1 (Mn(2+) salt)
(RR) 69636-99-3 (Ni(2+) salt)
(RR) 69636-95-9 (Sr salt)
(RR) 69952-39-2 (Zn salt)
(SY) monoiodoacetic acid
(SY) iodoacetate
(HM) *IODOACETATES
(NO) RN given refers to parent cpd

4-(N-(iodoacetoxy)ethyl-N-methyl)amino-7- nitrobenz-2-oxa-1,3-diazole
(RN) 67013-48-3
(SY) IANBD
(SY) 4-(N-(iodoacetoxy)ethyl)methylamino)-7-nitro-2,1,3-benzoxadiazole
(HM) *OXADIAZOLES
(II) FLUORESCENT DYES
(NO) fluorescent probe

4-(N-(iodoacetoxy)ethyl)methylamino)-7-nitro-2,1,3-benzoxadiazole see 4-(N-(iodoacetoxy)ethyl-N-methyl)amino-7-nitrobenz-2-oxa-1,3-diazole

N-(iodoacetylaminoethyl)-8-naphthylamine-1-sulfonic acid see 1,8-1-AEDANS

7-iodo-N-2-acetylaminofluorene
(RN) 43146-78-7
(SY) 7-iodo-2-fluorenylacetamide
(HM) 2-ACETYLAMINOFLUORENE/*analogs
(PA) MUTAGENS

N-iodoacetyl-N'-biotinylhexylenediamine
(SY) IAA-biotin
(HM) BIOTIN/*analogs
(NO) structure given in first source

N-iodoacetyl-N'-(5-sulfo-1-naphthyl)ethylenediamine see 1,5-1-AEDANS

iodo-alpha-bungarotoxin
(RN) 77097-81-5
(SY) monoiodo alpha-bungarotoxin
(SY) MIABT
(HM) *BUNGAROTOXINS
(NO) RN given refers to 125I-labeled cpd; RN for unlabeled cpd not in Chemline 7/84

3-iodo-alpha-methyltyrosine
(RN) 14684-02-7
(RR) 72156-82-2 (123I-labeled cpd(L)-isomer)
(RR) 71424-91-4 (131I-labeled cpd(D)-isomer)
(RR) 71424-90-3 (131I-labeled cpd(L)-isomer)
(RR) 71424-89-0 (131I-labeled cpd(DL)-isomer)
(RR) 4298-17-3 ((L)-isomer)
(RR) 779-96-4 ((DL)-isomer)
(RR) 86023-88-3 (123I-labeled cpd)
(SY) L-3-iodo alpha-methyltyrosine
(SY) L-3-(123)I-iodo alpha-methyltyrosine
(HM) *METHYLTYROSINES
(NO) RN given refers to unlabeled cpd without stereoisomeric designation

L-3-iodo alpha-methyltyrosine see 3-iodo-alpha-methyltyrosine

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L-3-(123)I-iodo alpha-methyltyrosine see 3-iodo-alpha-methyltyrosine

iodoalphionic acid

(RN) 577-91-3
(RR) 58494-63-6 (5-(131)I-labeled cpd)
(SY) biliognost
(HM) *IODOBENZENES
(II) CONTRAST MEDIA
(NO) RN given refers to parent cpd; do not confuse biliognost with non-print entry term bilignost

3-iodo-N(6)-4-aminobenzyladenosine

(SY) IABA
(HM) ADENOSINE/*analogs
(HM) *IODOBENZENES
(II) IODINE RADIOISOTOPES
(NO) labeled with 125I for radioligand assay of adenosine receptors; structure given in first source

5-iodo-5'-amino-2',5'-dideoxyuridine see AIdUrd

1-iodo-3-aminomethyl-5,6,7,8-tetrahydro-2-naphthol see ONO 3122

4-iodoamphetamine

(RN) 21894-72-4
(RR) 75873-53-9 (123I-labeled cpd(R)-isomer)
(RR) 75873-54-0 (123I-labeled cpd(S)-isomer)
(RR) 82444-07-3 ((+-)-isomer)
(SY) para-iodoamphetamine
(HM) *AMPHETAMINES
(NO) used as tracer with iodine radioisotopes for local cerebral blood flow in rats; RN given refers to parent cpd

iodoantipyrine

(RN) 129-81-7
(RR) 60656-94-2 (123I-labeled cpd)
(RR) 3791-63-7 (131I-labeled cpd)
(RR) 17687-50-2 (125I-labeled cpd)
(SY) antipyrine iodide
(SY) 4-iodoantipyrine
(HM) ANTIPYRINE/*analogs
(NO) RN given refers to unlabeled cpd; structure

4-iodoantipyrine see iodoantipyrine

iodoapamin see monoiodoapamin

4'-(3-iodo-4-azidobenzene sulfonyl) cymarin

(SY) 4-IABSC
(HM) *CYMARINE/analogs
(HM) *AZIDES
(II) AFFINITY LABELS
(NO) binds NA-K-ATPase; structure given in first source

1-iodo-4-azidobenzene see 1-azido-4-iodobenzene

iodoazidobenzylpindolol see 1-(indol-4-yloxy)-3-(1-(4-azido-3-iodophenyl)-2-isobutylamine)-2-propanol

N-(4-iodoazidosalicyl)-6-amido-6-deoxyglucopyranose

(SY) IASA-Glc
(SY) N-(4-iodoazidosalicyl)-6-amido-6-deoxyglucose
(HM) GLUCOSAMINE/*analogs
(HM) *AZIDES
(II) AFFINITY LABELS
(NO) structure given in first source

N-(4-iodoazidosalicyl)-6-amido-6-deoxyglucose see N-(4-iodoazidosalicyl)-6-amido-6-deoxyglucopyranose

iodobenzene

(RN) 591-50-4
(RR) 39811-36-4 (14C-labeled cpd)
(RR) 53815-20-6 (123I-labeled cpd)
(RR) 28790-55-8 (125I-labeled cpd)
(HM) *IODOBENZENES
(NO) RN given refers to unlabeled parent cpd

m-iodobenzoate see 3-iodobenzoic acid

3-iodobenzoate see 3-iodobenzoic acid

o-iodobenzoic-(125)I acid see 2-iodobenzoic acid

2-iodobenzoic acid

(RN) 88-67-5
(RR) 60345-80-4 (123I-labeled cpd)
(RR) 52096-46-5 (131I-labeled cpd, mono-Na salt)
(RR) 4226-54-4 (131I-labeled cpd)
(RR) 2532-17-4 (mono-Na salt)
(RR) 58861-27-1 (125I-labeled cpd)
(RR) 1321-07-9 (cpd with unspecified iodo-locant)
(RR) 35913-18-9 (131I-labeled cpd with unspecified iodo-locant)
(RR) 16463-39-1 (K salt)
(SY) 2-iodobenzoic-(125)I acid
(SY) progonasyl
(SY) ortho-iodo-sodium benzoate
(SY) o-iodobenzoic-(125)I acid
(HM) *IODOBENZOATES
(PA) ANTI-INFECTIVE AGENTS
(II) CONTRACEPTIVE AGENTS
(NO) RN given refers to unlabeled parent cpd; structure in Merck Index, 9th ed, #4891

2-iodobenzoic-(125)I acid see 2-iodobenzoic acid

3-iodobenzoic acid

(RN) 618-51-9
(RR) 2532-18-5 (Na salt)
(RR) 31557-18-3 (131I-labeled cpd)
(RR) 60345-81-5 (123I-labeled cpd)
(RR) 58494-64-7 (131I-labeled cpd Na salt)
(SY) m-iodobenzoate
(SY) 3-iodobenzoate
(HM) *IODOBENZOATES
(NO) RN given refers to unlabeled parent cpd

3-(2-iodobenzoyl)estradiol

(RN) 91999-13-2
(RR) 91999-19-8 (2-(131)I-labeled cpd)
(HM) ESTRADIOL/*analogs
(NO) structure given in first source; RN given refers to unlabeled cpd

3-(2-iodobenzoyl)estrone

(RN) 91999-14-3
(RR) 91999-20-1 (2-(131)I-labeled cpd)
(HM) ESTRONE/*analogs
(NO) RN given refers to unlabeled cpd; structure given in first source

m-iodobenzylguanidine see 3-iodobenzylguanidine

3-iodobenzylguanidine

(RN) 77679-27-7
(RR) 76924-93-1 (123I-labeled cpd)
(RR) 74075-13-1 (125I-labeled cpd)
(SY) meta-iodobenzylguanidine
(SY) m-iodobenzylguanidine
(SY) (3-iodo-(131I)benzyl)guanidine
(HM) *IODOBENZENES
(PA) SYMPATHOLYTICS
(II) IODINE RADIOISOTOPES
(NO) neuron-blocking agent which has a strong affinity for, & retention in, the adrenal medulla; RN given refers to 131I-labeled cpd; RN for unlabeled cpd not in Chemline 7/84; structure in first source

(3-iodo-(131I)benzyl)guanidine see 3-iodobenzylguanidine

iodobenzyltrimethylammonium

(RN) 59777-96-7
(RR) 69385-02-0 (iodide)
(RR) 54592-29-9 (chloride)
(RR) 43027-12-9 (125I-labeled cpd)
(SY) RIBA
(SY) iodobenzyltrimethylammonium iodide
(SY) 2-iodobenzyl-N,N,N-trimethylammonium chloride
(SY) UM-360
(HM) *BRETYLIUM COMPOUNDS
(II) IODINE RADIOISOTOPES
(II) RADIONUCLIDE IMAGING
(NO) analog of bretylium (2-bromobenzyl-N-ethyl-N,N-dimethylammonium); RN given refers to parent cpd

2-iodobenzyl-N,N,N-trimethylammonium chloride see iodobenzyltrimethylammonium

iodobenzyltrimethylammonium iodide see iodobenzyltrimethylammonium

iodo-3 beta-azidocholylhistamine see 3 beta-azidocholyl-2-iodohistamine

iodocasein see protamone

6-iodocholesterol

(RN) 74920-44-8
(RR) 83384-47-8 (131I-labeled cpd(3beta)-isomer, unspecified locants)
(RR) 66161-49-7 ((3beta)-isomer, unspecified locants)
(SY) 6beta-iodocholesterol
(SY) 6 beta-iodocholesterol
(HM) CHOLESTEROL/*analogs
(NO) RN given refers to 131I-labeled cpd(3beta)-isomer; RN for unlabeled cpd without isomeric designation not in Chemline 8/11/83

iodo-chorionic gonadotropin

(SY) I(125)hCG
(SY) hCG-iodo
(SY) iodo-hCG
(HM) *GONADOTROPINS, CHORIONIC
(NO) used to describe binding characteristics of receptors in bovine follicle wall

iodocyanine green

(RN) 84133-51-7
(HM) *DYES
(NO) no other information available 10/6/82

iodocyanopindolol

(RN) 83498-72-0
(RR) 81447-77-0 (125I-labeled cpd)
(SY) ICYP
(SY) (125)I-cyanopindolol
(SY) 4-(3-tert-butylamino-2-hydroxypropoxy-2-hydroxypropoxy)-3-iodo-1H-indole-2-carbonitrile
(SY) I-cyanopindolol
(HM) PINDOLOL/*analogs
(NO) specific ligand for beta-adrenoreceptor measurement; RN given refers to unlabeled cpd

5-iodocytidylyl-(3'-5')-guanosine

(RN) 55628-64-3
(HM) *OLIGONUCLEOTIDES
(NO) a dinucleoside monophosphate; RN & N1 from 9th CI Form Index; N1 same as NM; structure given in first source

2'-iodo-2'-deoxyadenosine

(RN) 68775-04-2
(SY) 2-DAIO
(SY) 2'-deoxy-2'-iodoadenosine
(HM) DEOXYADENOSINE/*analogs

1-(3'-iodo-3'-deoxyarabinofuranosyl) uracil
(RN) 19325-95-2
(SY) 3-I-Ara-U
(HM) ARABINOFURANOSYLURACIL/*analogs
(NO) RN given refers to (beta-D)-isomer; RN for cpd without isomeric designation not in Chemline 3/85; labeled with 123I; structure given in first source

iododeoxycytidine see 5-iodo-2'-deoxycytidine

5-iododeoxycytidine see 5-iodo-2'-deoxycytidine

5-iodo-2'-deoxycytidine
(RN) 611-53-0
(RR) 64792-95-6 (125I-labeled cpd)
(SY) 5-iododeoxycytidine
(SY) iododeoxycytidine
(HM) DEOXYCYTIDINE/*analogs
(PA) ANTIVIRAL AGENTS
(NO) antiherpetic agent; RN given refers to unlabeled cpd

5-iodo-2'-deoxyuridine triphosphate
(RN) 3731-55-3
(RR) 19139-39-0 (tetra-Na salt)
(HM) *DEOXYURACIL NUCLEOTIDES
(NO) RN given refers to parent cpd

2'-iodo-2'-deoxyuridine
(RN) 4753-03-1
(HM) *IDOXURIDINE
(II) ISOMERISM

3-iododesaminotyrosyl-phenylalanyl-phenylalanyl-glycine hydroxamic acid
(SY) IBH-Phe-Phe-Gly-NHOH
(SY) IPPGNHOH
(SY) ID-Tyr-Phe-Phe-Gly-NHOH
(HM) *OLIGOPEPTIDES
(NO) inhibits substance P degradation in brain preparations

4-iodo-2,5-dimethoxyphenylisopropylamine
(RN) 64584-34-5
(RR) 65756-99-2 (123I-labeled cpd)
(RR) 65756-98-1 (131I-labeled cpd)
(RR) 82864-06-0 ((R)-isomer)
(RR) 82830-53-3 ((+-)-isomer)
(RR) 82864-02-6 (HCl(R)-isomer)
(RR) 82830-44-2 (HCl(+-)-isomer)
(SY) 2,5-dimethoxy-N,N-dimethyl-4-iodoamphetamine
(HM) *AMPHETAMINES
(NO) RN given refers to unlabeled parent cpd without isomeric designation

16-iodoestradiol see 16 alpha-iodoestradiol

7-iodo-2-fluorenylacetamide see 7-iodo-N-2-acetylaminofluorene

iodoform
(RN) 75-47-8
(HM) *HYDROCARBONS, IODINATED

iodogen see Iodo-Gen

Iodo-Gen
(RN) 51592-06-4
(SY) 1,3,4,6-tetrachloro-3 alpha,6 alpha-diphenylglycoluril
(SY) iodogen
(HM) UREA/*analogs
(II) INDICATORS AND REAGENTS
(NO) reagent for protein iodinations; structure

iodoglucagon
(SY) monoiodoglucagon
(HM) GLUCAGON/*analogs

iodo-hCG see iodo-chorionic gonadotropin

iodoheptadecanoic acid see 17-iodoheptadecanoic acid

17-iodoheptadecanoic acid
(RN) 63556-27-4
(RR) 76958-82-2 (131I-labeled cpd)
(SY) heptadecanoic-17-(123)I acid
(SY) heptadecanoic-17-(131)I acid
(SY) iodoheptadecanoic acid
(HM) *FATTY ACIDS
(II) IODINE RADIOISOTOPES
(NO) RN given refers to (123)I-labeled cpd; RN for unlabeled cpd not in Chemline 7/84

16-iodohexadecanoic acid
(RN) 78774-43-3
(RR) 54510-20-2 (123I-labeled cpd)
(HM) *PALMITIC ACIDS
(II) IODINE RADIOISOTOPES
(NO) RN given refers to 125I-labeled cpd; parent cpd not in Chemline 3/2/84

16-iodo-9-hexadecenoic acid
(RN) 80936-07-8
(RR) 54927-83-2 (131I-labeled cpd(Z)-isomer)
(RR) 75221-91-9 (131I-labeled cpd)
(RR) 63084-67-3 (123I-labeled cpd)
(RR) 54510-21-3 (123I-labeled cpd with unspecified locant for double bond)
(SY) omega-IHDA
(HM) *PALMITIC ACIDS
(II) IODINE RADIOISOTOPES
(NO) RN given refers to 125I-labeled cpd; RN for unlabeled cpd not in Chemline 3/19/84

7-iodohinokitiol
(HM) *TROPOLONE/analogs
(NO) structure given in first source

iodohydroxybenzylpindolol
(RN) 58946-16-0
(RR) 59367-31-6 ((+-)-isomer)
(RR) 59060-88-7 (127I-labeled cpd)
(RR) 78963-34-5 (125I-labeled cpd(+)-isomer)
(RR) 78963-33-4 (125I-labeled cpd(-)-isomer)
(RR) 78900-69-3 (125I-labeled cpd(+-)-isomer)
(SY) IHYP
(SY) I-HYP
(HM) PINDOLOL/*analogs
(NO) RN given refers to unlabeled cpd without isomeric designation; structure

N(6)-(3-iodo-4-hydroxyphenyl)-1-isopropyladenosine
(RN) 92530-58-0
(SY) 4-IHPIA
(HM) PHENYLISOPROPYLADENOSINE/*analogs
(II) IODINE RADIOISOTOPES
(NO) RN given refers to (-)-isomer; RN from Toxline; RN not in Chemline 12/84; structure given in first source

iodo-p-hydroxyphenylpropionic acid N-hydroxysuccinimide ester see Bolton-Hunter reagent

iodoinsulin see insulin, iodo-

4-iodo-N-isopropylamphetamine see N-isopropyl-4-iodoamphetamine

2-iodo-6-isopropyl-3-methyl-2',4,4'-trinitrodiphenyl ether
(RN) 69311-70-2
(SY) DNPINT
(SY) iodonitrothymol dinitrophenyl ether
(HM) *TRINITROBENZENES

iodolecithin
(HM) *PHOSPHATIDYLCHOLINES

iodo-LSD see 2-iodolysergic acid diethylamide

2-iodolysergic acid diethylamide
(RN) 3712-25-2
(SY) iodo-LSD
(HM) LYSERGIC ACID DIETHYLAMIDE/*analogs
(NO) RN given refers to (8beta)-isomer; RN for cpd without isomeric designation not in Chemline 11/22/83

2-iodomelatonin
(SY) N-(2-(2-iodo-5-methoxy-1H-indol-3-yl)ethyl) acetamide
(HM) MELATONIN/*analogs

N-(2-(2-iodo-5-methoxy-1H-indol-3-yl)ethyl)acetamide see 2-iodomelatonin

6-iodomethylcholesterol
(RN) 68232-36-0
(RR) 71826-28-3 (131I-labeled cpd (3alpha,6beta)-isomer)
(RR) 56897-09-7 (131I-labeled cpd (3beta,6beta)-isomer)
(RR) 63828-60-4 (125I-labeled cpd(3beta,6beta)-isomer)
(SY) 6 beta-iodomethyl-19-norcholesterol
(SY) bimetrol
(SY) I-bimetrol
(HM) 19-IODOCHOLESTEROL/*analogs
(NO) RN given refers to (123)I-labeled cpd (3 beta,6 beta)-isomer; RN for unlabeled cpd without isomeric designation not in Chemline 8/4/83

iodomethylmercury see methylmercuric iodide

6-iodo-2-methyl-1,4-naphthoquinol bis (diammonium phosphate)
(RN) 72605-69-7
(RR) 83557-47-5 (tetra-Li salt)
(SY) IMNDP
(HM) *NAPHTHOLS
(PA) ANTINEOPLASTIC AGENTS
(NO) RN given refers to 125I-labeled cpd tetra-NH4 salt; RN for unlabeled parent cpd not in Chemline 7/84; structure given in first source

2-iodomethyl-4-oxymethyl-1,3-dioxolane see 4-hydroxymethyl-2-iodomethyl-1,3-dioxolane

5-iodonaphthalene-1-azide see iodonaphthylazide

iodonaphthylazide
(RN) 63785-44-4
(RR) 66640-74-2 (125I-labeled cpd)
(SY) 5-iodonaphthyl-1-azide
(SY) 5-iodonaphthalene-1-azide
(HM) *AZIDES
(II) IODINE RADIOISOTOPES
(NO) hydrophobic photoactive cpd; RN given refers to unlabeled cpd

5-iodonaphthyl-1-azide see iodonaphthylazide

iodo-niacin
(HM) *NICOTINAMIDE
(HM) *SODIUM IODIDE
(HM) *CHLOROBUTANOL
(HM) DRUG COMBINATIONS
(NO) combination of above cpds

2-iodo-4-nitroanisole
(RN) 5399-03-1
(HM) *ANISOLES
(II) INDICATORS AND REAGENTS

iodonitrotetrazolium
(RN) 146-68-9
(SY) iodonitrotetrazolium violet
(SY) 2-(4-iodophenyl)-3-(4-nitrophenyl)-5-phenyl-2H-tetrazolium chloride
(SY) INT
(HM) *TETRAZOLIUM SALTS

iodonitrotetrazolium violet see iodonitrotetrazolium

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iodonitrothymol dinitrophenyl ether see
2-iodo-6-isopropyl-3-methyl-2',4,4'-trinitrodiphenyl ether

18-iodo-17-octadecenoic acid

(RN) 87640-11-7
(RR) 87640-13-9 (125I-labeled cpd (E)-isomer)
(RR) 87640-14-0 (123I-labeled cpd (E)-isomer)
(HM) *OLEIC ACIDS
(II) IODINE RADIOISOTOPES
(II) RADIONUCLIDE IMAGING
(NO) RN & structure from first source; RN given refers to unlabeled (E)-isomer; RN for cpd without isomeric designation not in Chemline 2/14/84

iodo-para-phenyldecanoic acid see
omega-(4-iodophenyl)pentadecanoic acid

6-iodopenicillanic acid

(RN) 74772-32-0
(RR) 74772-31-9 (K salt(2S-(2alpha,5alpha,6beta))-isomer)
(SY) 6-beta-iodopenicillanic acid
(SY) UK-38,006
(SY) 6-beta-iodopenicillanate
(HM) *PENICILLANIC ACIDS
(PA) BETA-LACTAMASES/*antag
(NO) RN given refers to parent cpd(2S-(2alpha,5alpha,6beta))-isomer; RN for cpd without isomeric designation not in Chemline 7/84

(1-iodo-1-penten-5-yl) triphenylphosphonium

(RN) 90047-61-3
(RR) 90047-62-4 (1-(123)I-labeled cpd (E)-isomer iodide)
(SY) E-1-(123I)-iodo-1-penten-5-yl) triphenylphosphonium iodide
(SY) IPYTPP
(HM) *ORGANOPHOSPHORUS COMPOUNDS
(NO) potential myocardial perfusion agent; RN & structure given in first source; RN given refers to unlabeled cpd (E)-isomer iodide; RN for parent cpd without isomeric designation not in Chemline 9/84

N-(2-(2-iodophenoxy)ethyl)cyclopropylamine see LY 121768

1-(2-(2-iodophenoxy)ethyl)-2-nitroimidazole

(SY) IPENI
(HM) *NITROIMIDAZOLES
(NO) electron-affinic cpd for labeling hypoxic cells with 131I

14-((131)iodophenyl)-beta-methyltetradecanoic acid see
14-(iodophenyl)-3-methyltetradecanoic acid

14-(iodophenyl)-3-methyltetradecanoic acid

(RN) 85578-85-4
(SY) I-PBMTA
(SY) 14-((131)iodophenyl)-beta-methyltetradecanoic acid
(HM) *MYRISTIC ACIDS
(II) RADIONUCLIDE IMAGING
(NO) RN given refers to 131I-labeled cpd with unspecified iodine locant on benzene ring; RN for unlabeled cpd not in Chemline 10/85; structure given in first source

2-(4-iodophenyl)-3-(4-nitrophenyl)-5-phenyl-2H-tetrazolium chloride see iodonitrotetrazolium

15-(4-iodophenyl)pentadecanoic acid see
omega-(4-iodophenyl)pentadecanoic acid

4-(iodophenyl)pentadecanoic acid see
omega-(4-iodophenyl)pentadecanoic acid

15-(4-iodophenyl)-6-tellurapentadecanoic acid

(RN) 81815-29-4
(SY) 15-(para-iodophenyl)-6-tellurapentadecanoic acid
(SY) IPTPDA
(HM) *IODOBENZENES
(HM) *TELLURIUM
(II) RADIONUCLIDE IMAGING
(NO) with 123I & 123mTe used as mycocardial imaging agent

3-iodopindolol

(RN) 76875-01-9
(RR) 76875-00-8 ((-)-isomer)
(HM) PINDOLOL/*analogs
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS
(NO) RN given refers to 125I-labeled cpd(-)-isomer; RN for unlabeled cpd without isomeric designation not in Chemline 7/84; structure given in first source

iodoplex

(HM) *IODINE
(HM) *POVIDONE
(HM) *ACRYLIC RESINS
(PA) ANTI-INFECTIVE AGENTS
(NO) iodine incorporated into a water-soluble hydrophobic copolymer of vinyl pyrrolidone & acrylic monomer

5-((3-iodo-2-propynyl)oxy)-2-(methylthio)pyrimidine see
VUFB-9244

iodopsin

(RN) 1415-94-7
(SY) Iodopsin
(HM) *RETINAL PIGMENTS
(NO) cone visual pigment found in chickens

Iodopsin see iodopsin

iodosobenzene

(RN) 536-80-1
(SY) iodosylbenzene
(HM) *IODOBENZENES
(NO) oxygen donor

2-iodosobenzoic acid

(RN) 304-91-6
(RR) 27323-35-9 (cpd with unspecified locants)
(SY) ortho-iodosobenzoic acid
(HM) *IODOBENZOATES
(II) SULFHYDRYL REAGENTS

Iodosomatotropin see somatotropin, iodinated

4-iodospiperone

(RN) 85562-22-7
(HM) *SPIPERONE/analogs
(NO) ligand for dopamine receptors

iodosulpride

(SY) N-((1-cyclopropylmethyl-2-pyrrolidinyl)methyl)-2-methoxy-4-iodo-5-ethylsulfonylbenzamide
(HM) SULPIRIDE/*analogs
(II) IODINE RADIOISOTOPES
(NO) 125I labeled; selective ligand for brain dopamine receptors; structure given in first source

Iodosylbenzene see iodosobenzene

iodotamoxifen

(RN) 76070-10-5
(RR) 76060-32-7 (125I-labeled cpd(Z)-isomer)
(HM) TAMOXIFEN/*analogs
(NO) RN given refers to unlabeled cpd(Z)-isomer; RN for cpd without isomeric designation not in Chemline 7/84; structure given in first source

18-iodo-13-tellura-17-octadecenoic acid

(RN) 85976-82-5
(RR) 85976-91-6 (125I-labeled cpd)
(RR) 85976-93-8 (123Te-labeled cpd)
(SY) IT-13-ODA
(HM) *OLEIC ACIDS
(HM) *TELLURIUM
(II) IODINE RADIOISOTOPES
(II) RADIONUCLIDE IMAGING
(NO) myocardial imaging agent with 125I & 123Te; RN & RR given from first source refers to (E)-isomer; RN not in Chemline 9/28/83

18-iodo-7-tellura-17-octadecenoic acid

(RN) 85976-90-5
(RR) 85976-92-7 (125I-labeled cpd)
(SY) IT-7-ODA
(HM) *OLEIC ACIDS
(HM) *TELLURIUM
(II) IODINE RADIOISOTOPES
(II) RADIONUCLIDE IMAGING
(NO) myocardial imaging agent with 125I; RN & RR from first source; RN not in Chemline 9/28/83

iodothiouracil

(RN) 5984-97-4
(RR) 3565-15-9 (Na salt)
(SY) 5-iodo-2-thiouracil
(HM) THIOURACIL/*analogs
(NO) RN given refers to parent cpd; structure in USAN

5-iodo-2-thiouracil see iodothiouracil

iodothyrin see thyroidin

3-iodothyronine see 3-monoiodothyronine

5-iodotubercidin

(RN) 24386-93-4
(HM) *TUBERCIDIN/analogs

iodo-tyraminyl inulin

(SY) (125)ITI
(HM) INULIN/*analogs

Iodo-Tyr-insulin see insulin, iodo-Tyr-

11-iodo-Tyr NT see 11-iodotyrosine neurotensin

3-iodo-Tyr NT see 3-iodotyrosine neurotensin

Iodotyrosine insulin see insulin, iodo-Tyr-

(A19-3-iodotyrosine)-insulin see insulin, iodo-Tyr-

11-iodotyrosine neurotensin

(RN) 88096-16-6
(SY) 11-iodo-Tyr NT
(SY) monoiodo(Tyr(11))neurotensin
(HM) NEUROTENSIN/*analogs
(II) IODINE ISOTOPES
(NO) iodotyrosine in position 11 of neurotensin

3-iodotyrosine neurotensin

(RN) 88096-15-5
(SY) 3-iodo-Tyr NT
(HM) NEUROTENSIN/*analogs
(II) IODINE ISOTOPES
(NO) iodotyrosine in position 3 of neurotensin

1-iodotyrosine somatostatin receptor see somatostatin receptor

1-iodotyrosine somatostatin see somatostatin, 1-iodo-Tyr-

iodotyrosylinsulin see insulin, iodo-Tyr-

iodo-tyrosyl(8)-substance P see substance P, iodo-Tyr(8)-

1-iodo-Tyr-somatostatin see somatostatin, 1-iodo-Tyr-

iodouracil
(HM) URACIL/*analogs
(NO) minor descriptor (64-82); online & Index Medicus search URACIL/AA (64-82)

6-iodouracil
(HM) URACIL/*analogs
(II) IODINE RADIOISOTOPES
(NO) radiolabelled with 123I

5-iodouridine
(RN) 1024-99-3
(RR) 69437-01-0 (125I-labeled cpd)
(HM) IDOXURIDINE/*analogs
(NO) RN given refers to unlabeled cpd

1-N-5-iodovaleramido-3,7,8-trichlorodibenzo-4-dioxin
(SY) IV-TCDBD
(HM) *DIOXINS
(NO) ligand labeled with (125)I; structure given in first source

5-(2-iodovinyl)-2'-deoxyuridine
(RN) 87727-68-2
(RR) 69304-48-9 ((E)-isomer)
(SY) E-5-(2-iodovinyl)-dUrd
(HM) IDOXURIDINE/*analogs
(PA) ANTIVIRAL AGENTS
(NO) RN given refers to cpd without isomeric designation

17-iodovinylestradiol-3-methyl ether
(SY) IVEME
(SY) 17 alpha-(125I)iodovinylestradiol-3-methyl ether
(HM) ESTRADIOL/*analogs
(NO) structure given in first source

17-iodovinyl-11-methoxyestradiol-3-methyl ether
(SY) IVMEME
(SY) 17 alpha-(125I)iodovinyl-11 beta-methoxyestradiol-3-methyl ether
(HM) ESTRADIOL/*analogs
(NO) structure given in first source

iodoxamic acid meglumine salt see methylglucamine iodoxamate

2-iodoxybenzoic acid
(RN) 64297-64-9
(SY) ortho-iodoxybenzoic acid
(SY) 2-iodylbenzoate
(HM) *IODOBENZOATES
(NO) contaminant in o-iodosobenzoic acid

2-iodylbenzoate see 2-iodoxybenzoic acid

2,4-D IOE see 2-ethylhexyl 2,4-dichlorophenoxyacetate

iofetamine see N-isopropyl-4-iodoamphetamine

ioglicic acid
(RN) 49755-67-1
(SY) ioglicinate
(SY) 5-acetamido-2,4,6-triiodo-N-methyl-carbamoylmethylisophthalanic acid
(HM) IOTHALAMIC ACID/*analogs
(NO) structure

ioglicinate see ioglicic acid

ioglucomide
(RN) 63941-74-2
(SY) 3,5-bis(D-gluconamido)-2,4,6-triiodo-N-methylbenzamide
(HM) *TRIIODOBENZOIC ACIDS
(II) CONTRAST MEDIA
(NO) iodinated nonionic contrast medium directed primarily toward myelographic use; structure in first source

iogulamide
(RN) 75751-89-2
(SY) MP 100013
(SY) Mp10013
(SY) MP 10013
(SY) MP-10013
(HM) *TRIIODOBENZOIC ACIDS
(II) CONTRAST MEDIA

iohexol
(RN) 66108-95-0
(SY) compound 545
(SY) N,N'-bis(2,3-dihydroxypropyl)-5-(N-(2,3-dihydroxy-propyl)acetamido)-2,4,6-triiodoisophthalamide
(SY) exypaque
(SY) Omnipaque
(SY) Nycodenz
(SY) 5-(N-2,3-dihydroxypropylacetamido)-2,4,6-triiodo-N,N'-bis(2,3-dihydroxypropyl) isophthalamide
(SY) iohexol 350
(HM) *TRIIODOBENZOIC ACIDS
(II) CONTRAST MEDIA
(II) INDICATORS AND REAGENTS
(NO) non-ionic water-soluble contrast media; structure given in first source

iohexol 350 see iohexol

iomeglamic acid
(RN) 25827-76-3
(SY) Falignost
(SY) N-methyl-N-(2,4,6-triiodo-3-aminophenyl) glutaramide acid
(HM) *IODOBENZENES
(II) CONTRAST MEDIA
(NO) structure

iomethin
(RN) 17127-81-0
(SY) NM-113
(SY) 4-(3-dimethylaminopropylamino)-7-iodoquinoline
(SY) IQ3
(HM) *AMINOQUINOLINES
(NO) diagnostic aid in determining malignant melanoma; RN given refers to parent cpd; structure

iomex
(RN) 57285-10-6
(HM) *PETROLEUM
(PA) HERBICIDES
(NO) petroleum fractions consisting of olefins

2,5-ionene
(RN) 51325-19-0
(HM) *POLYMERS
(PA) HEPARIN ANTAGONISTS
(NO) RN given refers to di-Br salt; RN for parent cpd not in Chemline 7/29/83

6,3-ionene
(HM) *POLYMERS
(NO) no other information available

ionex
(RN) 37203-72-8
(HM) *ANION EXCHANGE RESINS
(NO) tertiary amine anion exchange resin capable of removing bilirubin & bile acids from blood

ionomycin
(RN) 56092-81-0
(RR) 74825-87-9 (mono-Na salt)
(HM) ETHERS
(PA) ANTIBIOTICS
(II) IONOPHORES
(NO) polyether; RN given refers to parent cpd

iopamidol
(RN) 62883-00-5
(RR) 88375-91-1 ((R)-isomer)
(RR) 60208-45-9 ((+-)-isomer)
(RR) 60166-93-0 ((S)-isomer)
(SY) B 15 000
(SY) 5 alpha-hydroxypropionylamino-2,4,6-triiodoisophthalic acid-di-(1,3-dihydroxy-2-propylamide)
(SY) B 15000
(SY) Niopam
(SY) Solutrast
(SY) jopamidol
(HM) IOTHALAMIC ACID/*analogs
(II) CONTRAST MEDIA
(NO) RN given refers to cpd without isomeric designation; structure

iopanoate glucuronide
(RN) 58051-18-6
(SY) IOP-G
(HM) IOPANOIC ACID/*analogs
(NO) conjugated by the liver from iopanoic acid and glucuronic acid

IOP-G see iopanoate glucuronide

iophenoxic acid
(RN) 96-84-4
(SY) alpha-ethyl-3-hydroxy-2,4,6-triiodohydrocinnamic acid
(HM) IOPANOIC ACID/*analogs
(II) CONTRAST MEDIA
(NO) structure

iopromide
(RN) 73334-07-3
(SY) N,N'-bis(2,3-dihydroxypropyl)-2,4,6-triiodo-5-(2-methoxyacetamido)-N-methylisophthalamide
(HM) *TRIIODOBENZOIC ACIDS
(II) CONTRAST MEDIA
(NO) structure given in first source

iopronic acid
(RN) 37723-78-7
(RR) 60189-37-9 (mono-Na salt)
(SY) bilimiro
(SY) B 11,420
(HM) *IODOBENZENES
(II) CONTRAST MEDIA
(NO) RN given refers to parent cpd; structure

iopydone
(RN) 5579-93-1
(SY) 3,5-diiodo-4(1H)-pyridinone
(SY) hytrast
(HM) *IODOPYRIDONES
(II) CONTRAST MEDIA
(NO) minor descriptor (75-80); on-line & Index Medicus search IODOPYRIDONES (68-80)

iosefamate meglumine
(RN) 10058-41-0
(HM) IODIPAMIDE/*analogs
(NO) structure (iosefamate)

iosulamide
(RN) 23205-04-1
(RR) 76874-89-0 (di-Na salt)
(HM) DIATRIZOATE/*analogs
(II) CONTRAST MEDIA
(NO) RN given refers to parent cpd; see also iosulamide meglumine

iosulamide meglumine
(RN) 63534-64-5
(HM) *DIATRIZOATE MEGLUMINE
(II) CONTRAST MEDIA
(NO) RN from USAN 1981; RN given refers to meglumine salt; see also iosulamide; structure in first source

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iotasul
(RN) 71767-13-0
(SY) 5,5'-(4-thiaheptanedioyldiimino)-bis(2,4,6-triiodoisophthalic acid-bis-(2,4-dihydroxypropyl-N-methyl)diamide)
(HM) *TRIIODOBENZOIC ACIDS
(II) CONTRAST MEDIA
(NO) structure given in first source

iotrol see DL-3-117

iotroxamide
(RN) 68890-05-1
(RR) 72704-51-9 (meglumine[1:1])
(SY) Chologram3,3'-(trioxaundecadioyldiamino)-bis-2,4,6-triiodobenzoic acid meglumine
(SY) biliscopin
(SY) SH 273
(SY) iotroxic acid meglumine
(SY) iotroxin acid meglumine
(SY) meglumine iotroxinate
(HM) IODIPAMIDE/*analogs
(II) CONTRAST MEDIA
(NO) Contrast media for intravenous cholecystography; RN given refers to meglumine[2:1]; RN for parent cpd not in Chemline 7/84; structure

iotroxic acid
(RN) 51022-74-3
(RR) 64165-13-5 (Mg salt)
(RR) 64165-10-2 (Ca salt)
(SY) SH 213 AB
(SY) iotroxinate
(HM) IODIPAMIDE/*analogs
(II) CONTRAST MEDIA
(NO) RN given refers to parent cpd; structure

iotroxic acid meglumine see iotroxamide

iotroxin acid meglumine see iotroxamide

iotroxinate see iotroxic acid

ioxaglate see ioxaglic acid

ioxaglic acid
(RN) 59017-64-0
(RR) 77131-63-6 (Ca salt[2:1])
(RR) 67992-58-9 (mono-Na salt)
(SY) ioxaglate
(SY) Hexabrix
(SY) P286
(SY) sodium methylglucamine ioxaglate
(SY) AG-6227
(SY) AG 62-27
(SY) meglumine ioxaglate
(HM) *TRIIODOBENZOIC ACIDS
(II) CONTRAST MEDIA
(NO) new dimeric monoacid with 6-iodine atoms; low osmolality; P-286 which is N,N-diisopropyl-N'-isoamyl-N'-diethylaminoethylurea has been encountered in the literature as a synonym for ioxaglic acid; RN given refers to parent cpd; structure

ioxitalamic acid
(RN) 28179-44-4
(RR) 33954-26-6 (Na salt)
(SY) Agelix
(SY) Telebrix
(SY) Vasobrix
(SY) 5-acetamido-N-(2- hydroxyethyl)-2,4,6-triiodoisophthalamic acid
(SY) ioxithalamate
(SY) Telebrix 38
(HM) IOTHALAMIC ACID/*analogs
(II) CONTRAST MEDIA
(NO) RN given refers to parent cpd; Telebrix 38 contains both sodium ioxitalamate & meglumine ioxitalamate; structure

ioxithalamate see ioxitalamic acid

IPACEA see isopropyl-2-acetoxyethyl-2'-chloroethylamine

IPADE see N(6)-(delta(2)-isopentenyl)adenine

I-PBMTA see 14-(iodophenyl)-3-methyltetradecanoic acid

IPDIT see isopropyl-diiodothyronine

IPDP see 2-iminopyrrolidone-5,5-diphosphonic acid

IPdR see
1-(2-deoxy-beta-ribofuranosyl)-5-iodo-2-pyrimidinone

IPENI see 1-(2-(2-iodophenoxy)ethyl)-2-nitroimidazole

ipomeamarone
(RN) 20007-82-3
(RR) 494-23-5 ((2R-cis)-isomer)
(RR) 581-12-4 ((2S-cis)-isomer)
(RR) 27428-93-9 ((2S-trans)-isomer
(SY) ngaione
(HM) *SESQUITERPENES
(II) TOXINS
(NO) found in moldy sweet potatoes & Myoporum deserti; RN given refers to cpd without isomeric designation; structure

4-ipomeanol
(RN) 32954-58-8
(RR) 36878-93-0 ((+-)-isomer)
(SY) 1-(3-furyl)-4-hydroxypentanone
(HM) *TERPENES
(II) TOXINS
(NO) lung-toxic furanoterpenoid produced in moldy sweet potatoes in response to fungus infection; RN given refers to cpd without isomeric designation; structure

IPO-1250 see mecarzole

IPO-597
(RN) 42136-31-2
(SY) O,O-diethyl O-(1-(2,4-dichlorophenyl)-2,2-dibromovinyl) phosphate
(HM) *CHLORFENVINPHOS/analogs
(PA) INSECTICIDES, ORGANOPHOSPHATE
(NO) structure

IPO-62 see bromfenvinphos

IPO-63 see methylbromfenvinphos

IPP see indolepropanol phosphate

p-IPPA see omega-(4-iodophenyl)pentadecanoic acid

IPPA see omega-(4-iodophenyl)pentadecanoic acid

IPPGNHOH see
3-iododesaminotyrosyl-phenylalanyl-phenylalanyl- glycine hydroxamic acid

iprafen see Berodual

iprocinodine
(RN) 67527-59-7
(HM) AMINOGLYCOSIDES
(PA) ANTIBIOTICS
(NO) used to describe the isopropylated complex of cinodine; structure

iproclozide
(RN) 3544-35-2
(SY) p-(chlorophenoxy)acetic acid 2-isopropylhydrazide
(HM) *GLYCOLATES
(PA) MONOAMINE OXIDASE INHIBITORS
(NO) structure

iprodione see rovrol

iproplatin see dichlorobis(isopropylamine)dihydroxyplatinum IV

I-protein, muscle
(SY) myofibrillar I-protein
(HM) *MUSCLE PROTEINS
(NO) MW 50,000; found in chicken & rabbit striated muscle

ipsalazide
(RN) 82101-17-5
(SY) BX 650 A
(SY) 5-(carboxymethylcarbamoyl-4-phenylazo)salicylic acid
(HM) *AMINOSALICYLIC ACIDS
(NO) designed to release 5-aminosalicylic acid in colon for colitis therapy; structure given in first source

IPS-339 see IPS 339

IPS 339
(RN) 60979-28-4
(RR) 77655-18-6 (mono-HCl(+-)-isomer)
(SY) (t-butyl-3-amino-2-propanol)-9-oximinofluorene. HCl
(SY) IPS-339
(HM) *PROPANOLAMINES
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS
(NO) RN given refers to mono-HCl without isomeric designation; RN for parent cpd not in Chemline 7/84; structure

IPTBO see 4-isopropylbicyclophosphate

IPTHS see
3,4-O-isopropylidene-3,3',4,5'-tetrahydroxystilbene

IPTPDA see 15-(4-iodophenyl)-6-tellurapentadecanoic acid

IPYTPP see (1-iodo-1-penten-5-yl)triphenylphosphonium

IP 10
(RN) 89367-92-0
(SY) IP-10
(SY) 5(4'-hydroxybenzylidenoimino)-3-methylisothiazolo(5,4-d)pyrimidine-(7H)-4,6- dione
(HM) *PYRIMIDINONES
(PA) ANTINEOPLASTIC AGENTS
(NO) structure given in first source

IP-10 see IP 10

IP 66
(SY) IP-66
(SY) 1-(2-ethoxy-2-(3'-pyridyl)ethyl)-4-(2'-methoxyphenyl)piperazine
(HM) *PIPERAZINES
(NO) may show strong antagonism toward postsynaptic alpha-receptors & slight agonism towards presynaptic beta-receptors

IP-66 see IP 66

IP 758
(SY) synthetic skin IP-758
(HM) *SILICONE ELASTOMERS
(II) OCCLUSIVE DRESSINGS
(NO) synthetic skin for wound closure; silicone rubber membrane laminated to medical grade nylon looped velour

IQ see 2-amino-3-methylimidazo(4,5-f)quinoline

IQB M 81
(RN) 83471-41-4
(SY) IQB-M-81
(SY) 2-(hexahydroazepine)-N-(2,6-dimethylphenyl) acetamide
(SY) pincainide
(HM) LIDOCAINE/*analogs
(HM) *AZEPINES
(PA) ANTI-ARRHYTHMIA AGENTS
(PA) ANESTHETICS, LOCAL

IQB-M-81 see IQB M 81

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IQ-1(Fe) see 1-formylisoquinoline thiosemicarbazone iron chelate

4-IQNB see 3-quinuclidinyl-4-iodobenzilate

IQSMP see 1-(5-isoquinolinesulfonyl)-2-methylpiperazine

IQ-13 see 4-(dimethylaminoethylamino)-7-iodoquinoline

IQ3 see iomethin

IracacCOD see acetylacetonate-1,5-cyclooctadiene iridium I

irazepine
(RN) 71735-92-7
(RR) 71735-88-1 (mono-HCl)
(SY) Ro 7-1986
(SY) 1-(2-isothiocyantoethyl)-7-chloro-1,3-dihydro-5-(2-fluorophenyl)-2H-1,4-benzodiazepine-2-one
(HM) *BENZODIAZEPINONES
(PA) ANTICONVULSANTS
(NO) RN given refers to parent cpd; structure

IRBP see retinol-binding glycoprotein

irehdiamine A
(RN) 3614-57-1
(RR) 17934-38-2 (di-HCl(3beta,20R)-isomer)
(RR) 15333-71-8 (HCl(3beta,20S)-isomer)
(HM) *PREGNENES
(II) INDICATORS AND REAGENTS
(NO) binds to DNA; RN given refrs to parent cpd(3beta,20S)-isomer; RN for cpd without isomeric designation not in Chemline 7/84

iremycin
(RN) 75634-51-4
(RR) 82311-57-7 (HCl(7R-trans)-isomer)
(HM) NAPHTHACENES
(PA) ANTIBIOTICS
(NO) anthracycline antibiotic from Streptomyces violaceus subsp. iremyceticus; RN given refers to parent cpd(7R-trans)-isomer; RN for cpd without isomeric designation not in Chemline 7/84

IRF (uremia) see insulin resistance factor (uremia)

irganox 1010
(RN) 6683-19-8
(HM) BUTYLATED HYDROXYTOLUENE/*analogs
(II) ANTIOXIDANTS

Irganox 1076
(RN) 2082-79-3
(SY) n-octadecyl beta-(3',5'-di-tert-butyl-4'-hydroxyphenyl)propionate
(SY) stearyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl) propionate
(HM) BUTYLATED HYDROXYTOLUENE/*analogs
(II) ANTIOXIDANTS

Irgapyrin see wofapyrin

Irgasan see cloflucarban

Irgasan CF3 see cloflucarban

IRG 2000 see glucagon-like-immunoreactivity

iridium oxide
(RN) 12030-49-8
(RR) 1312-46-5 (Ir2-O3)
(HM) *IRIDIUM
(NO) RN given refers to Ir-O2

iridoidglucosides
(SY) iridoid glucosides
(SY) secoiridoid glucosides
(HM) *PYRANS
(HM) *GLUCOSIDES
(NO) group of natural glucosides with pyran ring system; may or may not have fused cyclopentanopyran ring; structure

iridoid glucosides see iridoidglucosides

IRM cement
(RN) 60318-33-4
(HM) *EUGENOL
(HM) *ZINC OXIDE
(HM) *METHYLMETHACRYLATES
(II) DENTAL CEMENTS
(NO) zinc oxide-eugenol cement strengthened with polymethyl methacrylate

I-RNA see RNA, immune

iron-adriamycin complex see doxorubicin-iron complex

iron-binding membrane complex see iron-binding proteins

iron-binding proteins
(SY) iron-binding membrane complex
(HM) *CARRIER PROTEINS
(II) IRON
(NO) component of rabbit reticulocyte plasma membrane; binds iron that is delivered from the separate & distinct transferrin-membrane complexes; also in outer membrane of Neisseria meningitidis

iron bleomycin
(SY) iron(II) bleomycin
(SY) iron(III) bleomycin
(SY) ferric bleomycin
(HM) *BLEOMYCINS
(NO) iron-bleomycin complexes

iron carbonyl compounds
(RN) 13463-40-6
(RR) 17685-52-8 (dodecacarbonyl cpd)
(RR) 15321-51-4 (nonacarbonyl di-Fe)
(SY) carbonyl iron (Fe(CO)5)
(SY) Fe(CO)5
(SY) iron pentacarbonyl
(SY) diiron enneacarbonyl
(SY) iron carbonyl (Fe2(CO)9)
(HM) *IRON
(II) ADJUVANTS, IMMUNOLOGIC
(II) AIR POLLUTANTS, OCCUPATIONAL
(NO) finely divided iron particles; RN given refers to pentacarbonyl cpd

iron carbonyl (Fe2(CO)9) see iron carbonyl compounds

iron chelate, 1-formylisoquinoline thiosemicarbazone see 1-formylisoquinoline thiosemicarbazone iron chelate

iron citrate see citric acid

iron-cobalt hybrid hemoglobin
(SY) cobalt-iron hybrid hemoglobin
(SY) Co-Fe(II) hybrid Hb
(HM) *HEMOGLOBINS
(II) PROTEIN HYBRIDIZATION
(NO) cobalt substituted for the heme iron in either alpha or beta subunits

iron N,N-dimethyldithiocarbamate see ferbam

iron-doxorubicin complex see doxorubicin-iron complex

iron EDTA see Fe(III)-EDTA

iron-hexacyanide see hexacyanoferrate III

iron hydroxide (Fe(OH)3) see ferric hydroxide

iron hydroxide (III) see ferric hydroxide

iron(II) bleomycin see iron bleomycin

iron (III) alpha, alpha, alpha, alpha-tetrakis(2-pivalamidophenyl)porphyrin bromide
(RN) 52215-70-0
(SY) bromo-alpha, alpha, alpha, alpha-meso-tetrakis (2-pivalamidophenyl)porphyrin iron (III)
(SY) TPIVPP
(HM) *METALLOPORPHYRINS
(II) IRON
(NO) used to study carbon monoxide binding to carbon

iron(III) bleomycin see iron bleomycin

iron(III)-carminomycin complex see carminomycin-iron complex

iron(III) citrate see ferric citrate

iron(III)-deuteroporphyrin
(SY) Fe(III)-deuteroporphyrin
(SY) iron(III)-deuteroporphyrin IX
(HM) *FERRIC COMPOUNDS
(HM) *DEUTEROPORPHYRINS

iron(III)-deuteroporphyrin IX see iron(III)-deuteroporphyrin

iron(III) gluconate complex see ferlixit

iron(III)-hydroxide-dextrin see teferrol

iron(II)-methyl 2-(2-aminoethyl) aminomethylpyridine-6-carboxylhistidinate
(SY) AMPHIS-Fe
(HM) *DIPEPTIDES
(HM) *ORGANOMETALLIC COMPOUNDS
(II) IRON CHELATES
(NO) synthetic analog of chelating part of bleomycin

iron (II) meso-tetra(alpha,alpha,alpha, alpha-o-pivalamidophenyl)porphyrin
(RN) 52629-13-7
(SY) Fe(II) picket-fence porphyrin
(SY) Fe(II)TPP
(HM) *MESOPORPHYRINS

iron nitrilotriacetate see ferric nitrilotriacetate

iron oxide see ferric oxide

iron oxide (saccharated) see ferric oxide, saccharated

iron pentacarbonyl see iron carbonyl compounds

iron-polymaltose complex see teferrol

iron-poly(sorbitol-gluconic acid) complex see Ferastral

iron protein (Desulfovibrio gigas) see desulforedoxin

iron proteins, non-heme see non-heme iron proteins

iron-saccharate see ferric oxide, saccharated

iron sorbitex
(RN) 1338-16-5
(SY) iron sorbitol citric acid complex
(SY) jectofer
(SY) iron sorbitol
(HM) *FERRIC COMPOUNDS
(HM) *SORBITOL
(HM) *CITRATES
(HM) DRUG COMBINATIONS
(NO) RN in Chemline for jectofer of unknown MF; RN given refers to (D)-isomer

iron sorbitol see iron sorbitex

iron sorbitol citric acid complex see iron sorbitex

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iron succinyl milk protein complex
(SY) iron succinyl protein complex
(SY) ITF 282
(SY) ITF-282
(HM) *MILK PROTEINS
(HM) *IRON
(II) IRON DEFICIENCY ANEMIA/drug ther
(NO) soluble iron complex with 5% iron content produced by reacting succinylated milk protein & ferric chloride

iron succinyl protein complex see iron succinyl milk protein complex

iron-sulfur protein Rieske see Rieske iron-sulfur protein

iron tetraphenylporphyrin
(RN) 16591-56-3
(HM) *METALLOPORPHYRINS

iron tetrasulfophthalocyanine see tetrasulfophthalocyanine

iron-triethylenetetramine complex
(SY) Fe(III)-TETA
(SY) ferric-TETA
(HM) *FERRIC COMPOUNDS
(HM) *TRIETHYLENETETRAMINE

irostrese see Fe(III)-EDTA

IRP see incretin

IRP-1 see 2-tert-butyl-6-methyl-3-hydroxypyridine

IRP 1 see 2-tert-butyl-6-methyl-3-hydroxypyridine

IRP-3 see 2-tert-butyl-6-methyl-3-hydroxypyridine

IRP 3 see 2-tert-butyl-6-methyl-3-hydroxypyridine

IRP 6
(RN) 87090-05-9
(SY) IRP-6
(HM) *PYRIDINES
(II) ANTIOXIDANTS
(NO) antioxidant derivative of 3-hydroxypyridine

IRP-6 see IRP 6

Irri-Cor see imolamine

irrigor see imolamine

irriten see lonazolac

IRS 19 vaccine
(SY) IRS-19 vaccine
(HM) *BACTERIAL VACCINES
(NO) polyvalent heterovaccine of 19 bacterial antigens

IRS-19 vaccine see IRS 19 vaccine

IRS 307 see imudon

irumamycin
(RN) 81604-73-1
(SY) Irumamycin
(HM) GLYCOSIDES
(PA) ANTIBIOTICS, ANTIFUNGAL
(NO) from Streptomyces subflavus; macrolide antibiotic with sugar moiety

Irumamycin see irumamycin

iruxol
(RN) 77648-56-7
(HM) *CHLORAMPHENICOL
(HM) *CLOSTRIDIOPEPTIDASE A
(HM) DRUG COMBINATIONS
(NO) ointment used in burn therapy containing chloramphenicol & clostridiopeptidase A

IRX 1767
(SY) IRX-1767
(SY) chloramine acid
(HM) *CHLORAMINES
(PA) ANTI-INFECTIVE AGENTS, LOCAL
(NO) structure given in first source

IRX-1767 see IRX 1767

IRX 1775
(SY) IRX-1775
(SY) chloramine hemisuccinate
(HM) *CHLORAMINES
(PA) ANTI-INFECTIVE AGENTS, LOCAL
(NO) structure given in first source

IRX-1775 see IRX 1775

IR-1 see 2-piperidinoethyl phenylcarbamate

IR 1 see 2-piperidinoethyl phenylcarbamate

isamoxole
(RN) 57067-46-6
(SY) LRCL 3950
(SY) N-butyl-N-(4-methyloxazol-2-yl)-2-methylpropanamide
(HM) *OXAZOLES
(II) HYPERSENSITIVITY/drug ther
(NO) potential anti-allergy cpd; structure

isariin
(RN) 10409-85-5
(SY) isariin B
(SY) isariin C
(SY) isariin D
(SY) isarolide
(HM) *PEPTIDES
(PA) INSECTICIDES
(NO) cyclodepsipeptide from fungus Isaria felina; RN given refers to (R)-isomer; RN for cpd without isomeric designation not in Chemline 7/84; structure given in first source

isariin B see isariin

isariin C see isariin

isariin D see isariin

isarolide see isariin

isatin beta-thiosemicarbazone
(RN) 487-16-1
(SY) isatizon
(HM) *ISATIN/analogs
(NO) isatizon believed to be Russian synonym

isatizon see isatin beta-thiosemicarbazone

isatoic anhydride
(RN) 118-48-9
(HM) *OXAZINES
(NO) structure given in first source

isaxonine
(SY) nerfactor
(SY) isopropylamino-2-pyrimidine phosphate
(HM) *PYRIMIDINES
(NO) promotes nerve growth

isazone see TB-450

iscador
(RN) 53986-31-5
(HM) *PLANT EXTRACTS
(PA) ANTINEOPLASTICS, BOTANICAL
(II) VISCUM
(NO) extract from Viscum

ISCAG see isoscutellarein-7-O-(allosyl(1-2)glucoside)

24-ISeCEO see 24-(isopropylseleno)chol-5-en-3-ol

isethionyl acetimidate
(RN) 70230-78-3
(HM) *ISETHIONIC ACID/analogs
(HM) *IMIDOESTERS

ISF-2001 see trithiozine

ISF 2123 see propildazine

ISF 2469 see cadralazine

ISF-2522 see oxiracetam

ISF 2522 see oxiracetam

islandic acid
(HM) *PYRONES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) from Penicillium islandicum Sopp; structure given in first source; term in CA Index Guide 1984 without RN

islandicin see funiculosin (anthraquinone)

islet cell antibody
(SY) islet cell surface antibodies
(SY) islet cell cytoplasmic antibodies
(HM) *AUTOANTIBODIES
(II) ISLANDS OF LANGERHANS/immunol

islet cell cytoplasmic antibodies see islet cell antibody

islet cell surface antibodies see islet cell antibody

ISMH see salvia miltiorrhizae

IS-5-MN-2-GLU see isosorbide-5-mononitrate-2-glucuronide

5-ISMN see isosorbide-5-mononitrate

ISMP see 5'-deoxy-5'-thioinosine 5'-monophosphate

isoalantolactone
(RN) 470-17-7
(HM) *SESQUITERPENES
(NO) RN given refers to (3aR-(3aalpha,4aalpha,8abeta,9aalpha))-isomer; RN for cpd without isomeric designation not in Chemline 7/84; structure

isoalloxazine
(RN) 490-59-5
(HM) *FLAVINS
(NO) structure

iso-1-AM-cytochrome C
(HM) *CYTOCHROME C
(NO) iso-1-cytochrome C modified with iodoacetamide; results in blocking of single free SH group

isoaminile
(RN) 77-51-0
(RR) 28416-66-2 (citrate)
(SY) Peracon
(HM) *ACETONITRILES
(PA) ANTITUSSIVE AGENTS
(NO) RN given refers to parent cpd; structure

isoamyl acetate
(RN) 123-92-2
(HM) *ALCOHOLS, AMYL
(NO) structure in Merck, 9th ed, #4958

isoamyl alcohol see isopentyl alcohol

isoamyl cyanoacrylate
(RN) 19475-26-4
(SY) isopentyl cyanoacrylate
(HM) *CYANOACRYLATES

8-isoamylenoxypsoralen see imperatorin

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1-isoamyl-3-isobutylxanthine
(RN) 63908-26-9
(SY) 3-isobutyl-1-isoamylxanthine
(HM)
1-METHYL-3-ISOBUTYLXANTHINE/*analogs

isoanthricin see deoxypodophyllotoxin

isoapocodeine
(RN) 36507-69-4
(HM) APOMORPHINE/*analogs
(NO) RN given refers to (R)-isomer; RN for cpd without isomeric designation not in Chemline 4/85; structure given in first source

isoapolipoprotein E3 see apolipoprotein E-3

isoarecaidine esters see arecaidine esters

isoarecaidine propyl ester
(RN) 77035-54-2
(RR) 52632-30-1 (HCl)
(SY) IAPE
(HM) *ISONICOTINIC ACIDS
(NO) RN given refers to parent cpd

isoasarone see asarone

isoascorbic acid
(RN) 89-65-6
(RR) 7378-23-6 (Na salt)
(RR) 6381-77-7 (mono-Na salt)
(RR) 146-75-8 (di-Na salt)
(RR) 5776-48-7 (cpd without isomeric designation)
(SY) erythorbic acid
(SY) D-araboascorbic acid
(HM) *ASCORBIC ACID
(II) STEREOISOMERS
(II) ANTIOXIDANTS
(NO) food antioxidant; (L)-isomer is ascorbic acid; RN given refers to (D)-isomer; structure

isobarbituridine see 5-hydroxyuridine

isoborneol
(RN) 10385-78-1
(RR) 124-76-5 ((exo)-isomer)
(RR) 16725-71-6 ((1S-exo)-isomer)
(RR) 10334-13-1 ((1R-exo)-isomer)
(RR) 6627-72-1 ((endo-(+-))-isomer)
(RR) 507-70-0 ((endo)-isomer)
(RR) 464-45-9 ((1S-endo)-isomer)
(RR) 464-43-7 ((1R-endo)-isomer)
(SY) borneol
(HM) *BORNANES
(II) PERFUME
(NO) RN given refers to cpd without isomeric designation; structure

6-isobornyl-3,4-xylenol see xibornol

isobruceine A see bruceine A

isobutanal see isobutyraldehyde

isobutanol see isobutyl alcohol

isobutene see isobutylene

isobutenylcarbinol
(RN) 763-32-6
(HM) *ALCOHOLS, BUTYL
(NO) structure given in first source

isobutestrol see butestrol

1-isobutoxycarbonyl-4-methylpiperazine
(RN) 77278-64-9
(SY) IBCMP
(HM) *PIPERAZINES
(PA) FILARICIDES
(NO) RN given refers to mono-HCl; RN for parent cpd not in Chemline 1/85; structure given in first source

isobutyl acetate
(RN) 110-19-0
(SY) isobutylacetate
(HM) *ACETATES
(II) SOLVENTS

isobutylacetate see isobutyl acetate

isobutyl alcohol
(RN) 78-83-1
(RR) 13259-29-5 (Na salt)
(RR) 7425-80-1 (Ti(+4) salt)
(RR) 3453-79-0 (Al salt)
(SY) isobutanol
(SY) 2-methyl-1-propanol
(HM) *ALCOHOLS, BUTYL
(NO) RN given refers to parent cpd

isobutylaldehyde see isobutyraldehyde

isobutyl chloroformate
(RN) 543-27-1
(SY) chloroformic acid isobutyl ester
(HM) *FORMIC ACIDS

5'-S-isobutyl-5'-deoxyadenosine see
5'-deoxy-5'-S-isobutylthioadenosine

isobutylene
(RN) 115-11-7
(SY) isobutene
(HM) *ALKENES

isobutylhydrochlorothiazide see butizide

isobutyl-p-hydroxybenzoate see isobutyl-4-hydroxybenzoate

isobutyl-4-hydroxybenzoate
(RN) 4247-02-3
(SY) i-BHB
(SY) isobutyl-p-hydroxybenzoate
(HM) *PARABENS
(PA) CARCINOGENS

isobutylidene diurea
(SY) isobutylidene urea
(HM) *BIUREAS

isobutylidene urea see isobutylidene diurea

3-isobutyl-1-isoamylxanthine see
1-isoamyl-3-isobutylxanthine

isobutylmethacrylate see poly(isobutyl methacrylate)

N-isobutyl-6-(4-methoxyphenyl)sorbamide see piperovatine

2-isobutyl-3-methoxypyrazine-binding protein see odorant-binding protein

2-isobutyl-3-methoxypyrazine
(RN) 24683-00-9
(SY) 2-methoxy-3-isobutylpyrazine
(HM) *PYRAZINES
(II) ODORS
(NO) potent bell pepper odourant; binds to cow olfactory mucosa homogenate

isobutyl methyl 1,4-dihydro-2,6-dimethyl-4-(2-nitrophenyl)-3,5-pyridinedicarboxylate see nisoldipine

isobutyl nitrite
(RN) 542-56-3
(HM) *NITRITES
(PA) VASODILATOR AGENTS
(NO) "recreational" drug of abuse, sniffed.

N-isobutyl-N-nitrosourea
(RN) 760-60-1
(HM) *NITROSOUREA COMPOUNDS
(PA) CARCINOGENS

N-isobutyloxycarbonyl-di-n-butylamide-taurine
(RN) 93281-23-3
(SY) NIDBT
(HM) TAURINE/*analogs
(NO) structure given in first source

(p-isobutylphenyl)acetic acid see ibufenac

2-(4-isobutylphenyl)lysine propionate see solufenum

2-(4-isobutylphenyl)propiohydroxamic acid see ibuproxam

isobutyl-piperazinal-rifamycin see rifamdin

3-(1-isobutyl-1-piperazinyl)rifamycin SV see R 761

5'-S-isobutylthioadenosine see
5'-deoxy-5'-S-isobutylthioadenosine

isobutyraldehyde
(RN) 78-84-2
(SY) isobutanal
(SY) isobutylaldehyde
(SY) 2-methylpropanal
(HM) *ALDEHYDES

isobutyraldoxime O-methyl ether
(RN) 72705-01-2
(HM) *OXIMES
(NO) volatile microbial catabolite of valine

isobutyramide
(RN) 563-83-7
(HM) *AMIDES

isobutyric acid
(RN) 79-31-2
(RR) 533-90-4 (Ca salt)
(RR) 996-30-5 (Na salt)
(RR) 6917-21-1 (14C-labeled cpd Na salt)
(RR) 19455-20-0 (K salt)
(RR) 22228-82-6 (NH4 salt)
(RR) 50834-07-6 (Ni salt)
(RR) 50961-10-9 (11C-labeled cpd Na salt)
(RR) 63785-14-8 (hemiammoniate)
(SY) sodium isobutyrate
(HM) *BUTYRIC ACIDS
(NO) RN given refers to parent cpd

isobutyryl-CoA dehydrogenase see 2-methyl-branched chain acyl coenzyme A dehydrogenase

S-isobutyryl-3-deazaadenosine see
5'-deoxy-5'-(isobutylthio)-3-deazaadenosine

S-isobutyryl-3-deaza-adenosine see
5'-deoxy-5'-(isobutylthio)-3-deazaadenosine

3-isobutyryl-2-isopropylpyrazolo(1,5-a)pyridine see KC 404

2-isobutyrylthiamine disulfide see Sulbuthiamine

Isocap
(RN) 76363-72-9
(HM) *COMPOSITE RESINS
(II) DENTAL MATERIALS

isocaproic acid
(RN) 646-07-1
(RR) 3965-47-7 (Na salt)
(SY) 4-methylpentanoic acid
(SY) isohexanoic acid
(HM) *HEXANOIC ACIDS
(NO) RN given refers to parent cpd

2S-isocapryloyl-3S-hydroxymethyl-gamma-butyrolactone see A-factor (Streptomyces)

isocarboxazide amidase see carboxylesterase

isochanoclavin see chanoclavine

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isocitrate see isocitric acid

isocitrate dehydrogenase kinase
(RN) EC 2.7.1.-
(SY) ICDH kinase
(HM) *PROTEIN KINASES
(NO) catalyzes the phosphorylation of homogeneous active isocitrate dehydrogenase; can use only ATP as phosphate donor; may be part of the same protein as isocitrate dehydrogenase phosphatase

isocitrate dehydrogenase (NADP)
(RN) EC 1.1.1.42
(RR) 9028-48-2 (CRN)
(SY) NADP-isocitrate dehydrogenase
(HM) *ISOCITRATE DEHYDROGENASE

isocitrate dehydrogenase phosphatase
(RN) EC 3.1.3.-
(SY) ICDH phosphatase
(HM) *PHOSPHOPROTEIN PHOSPHATASES
(NO) catalyzes the release of phosphorus from phosphorylated isocitrate dehydrogenase; requires ADP or ATP for activity; may be part of the same protein as isocitrate dehydrogenase kinase

isocitric acid
(RN) 320-77-4
(RR) 88332-00-7 (di-Na salt)
(RR) 83592-23-8 (11C-labeled cpd)
(RR) 82801-58-9 (unspecified Ca salt)
(RR) 27248-32-4 (unspecified Na salt)
(RR) 17001-82-0 (unspecified K salt)
(RR) 1637-73-6 (tri-Na salt)
(SY) isocitrate
(HM) *ISOCITRATES
(NO) RN given refers to unlabeled parent cpd

isoconazole
(RN) 27523-40-6
(RR) 24168-96-5 (nitrate)
(SY) R15454
(SY) isoconazole nitrate
(SY) travogen
(SY) 1-(2,4-dichloro beta-(2,6-dichlorobenzyloxy) phenethyl) imidazole
(HM) MICONAZOLE/*analogs
(NO) synonym R15454 refers to nitrate; RN given refers to parent cpd; structure

isoconazole nitrate see isoconazole

isocoproporphyrin
(RN) 36548-09-1
(HM) *COPROPORPHYRINS
(NO) structure

isocorydine
(RN) 36284-37-4
(RR) 55056-91-2 ((R)-isomer)
(RR) 475-67-2 ((S)-isomer)
(RR) 13552-72-2 (HCl(S)-isomer)
(HM) *APORPHINES
(PA) PARASYMPATHOLYTICS
(NO) from root tubers of Stephania Kwangsiensis H.S. Lo; RN given refers to (+-)-isomer; RN for cpd without isomeric designation not in Chemline 8/4/83; structure in Merck Index, 9th ed, #5017

isocorydine methochloride see menisperine

isocucurbitacin B
(RN) 17278-28-3
(SY) epi-isocucurbitacin B
(HM) *TRITERPENES
(NO) found in Ipomopsis aggregata (Polemoniaceae); structure given in first source

epi-isocucurbitacin B see isocucurbitacin B

2-isocyanatoethyl methacrylate
(RN) 30674-80-7
(HM) *METHACRYLATES
(PA) MUTAGENS
(NO) used in coating materials

2-isocyanatoethyl propionate
(RN) 83778-53-4
(SY) 2-IEP
(HM) *CYANATES
(NO) structure given in first source

isocyanatomethacrylate
(SY) methacryloyl-R-isocyanate
(HM) *METHACRYLATES
(II) BONDING, DENTAL
(NO) used in bonding restorative resins to dentin

isocyanic acid
(RN) 75-13-8
(HM) *CYANATES
(NO) structure

iso-1-cytochrome C
(HM) *CYTOCHROME C
(NO) differs in structure at residue 72(lysine-trimethyllysine)

iso-2-cytochrome C
(SY) iso-2 cytochrome c
(HM) *CYTOCHROME C

iso-2 cytochrome c see iso-2-cytochrome C

isodeoxypodophyllotoxin see deoxypodophyllotoxin

isodiazinon
(RN) 82463-42-1
(SY) 2-isopropyl-6-methyl-4-S-pyrimidinyl diethylthiophosphate
(HM) *DIAZINON
(II) ISOMERISM
(NO) inhibits porphyrin biosynthesis

isodihydroperparine see drotaverin

isodonoic acid
(RN) 84294-78-0
(HM) *DITERPENES
(NO) from leaves of Rabdosia ternifolia; RN given refers to (1R-(1alpha,4abeta,6abeta,9beta,11alpha,11aalpha,11balpha))-isomer; RN for cpd without isomeric designation not in Chemline 7/84; structure given in first source

isoetam
(RN) 41663-50-7
(HM) ISONIAZID/*analogs
(HM) *ETHAMBUTOL
(HM) DRUG COMBINATIONS
(PA) LEPROSTATIC AGENTS
(NO) combination of isoniazid sodium methanesulfonate & ethambutol; UD 26:8g also includes pyridoxine

24-isoethylidenecholest-5-en-3 beta-ol,delta(5)- avenasterol see fucosterol

isoeugenol
(RN) 97-54-1
(RR) 5932-68-3 ((E)-isomer)
(RR) 5912-86-7 ((Z)-isomer)
(RR) 63661-65-4 (Na salt)
(SY) 2-methoxy-4-propenylphenol
(HM) EUGENOL/*analogs
(NO) RN given refers to cpd without isomeric designation

isofenphos
(RN) 25311-71-1
(SY) amaze
(SY) oftanol
(HM) *ORGANOTHIOPHOSPHORUS COMPOUNDS
(PA) INSECTICIDES, ORGANOTHIOPHOSPHATE

isoferritin
(HM) *FERRITIN

isofezolac see LM 22102

isofloridoside
(RN) 4649-46-1
(RR) 7420-23-7 ((beta-D)-isomer)
(RR) 23202-76-8 ((R)-isomer)
(RR) 38841-15-5 ((beta-D)-(S)-isomer)
(RR) 60046-63-1 (beta-D-galactoside, 2,3-dihydroxypropyl)
(RR) 29699-32-9 (galactoside, 2,3-dihydroxypropyl)
(RR) 16232-91-0 ((beta-D)-(R)-isomer)
(SY) alpha-galactosylglycerol
(SY) D-glyceryl beta-galactopyranoside
(HM) *GALACTOSIDES
(NO) RN given refers to parent cpd

isofloxythepin
(RN) 70931-18-9
(RR) 88848-20-8 (10-(14)C-labeled cpd)
(SY) 3-fluor-8-isopropyl-10-(4-(2-hydroxyethyl) piperazino)-10,11-dihydrodibenzo(b,f)thiepin
(HM) *DIBENZOTHIEPINS
(PA) TRANQUILIZING AGENTS, MAJOR
(NO) RN given refers to unlabeled cpd; structure

28-isofucosterol see fucosterol

isofumigaclavine A
(RN) 58800-19-4
(RR) 6879-59-0 (fumigaclavine A(8alpha,9beta)-isomer)
(SY) 9-acetoxy-6,8-dimethylergoline
(HM) *ERGOLINES
(II) MYCOTOXINS
(NO) metabolite of Penicillium roqueforti; RN given refers to (8 beta,9 alpha)-isomer; structure

isogabaculine
(RN) 71225-88-2
(RR) 70249-38-6 (trifluoromesylate(-)-isomer)
(RR) 74032-86-3 (trifluoromes ate)
(SY) 3-aminocyclohex-1,5-dienylcarboxylic acid
(HM) *CYCLOHEXANECARBOXYLIC ACIDS
(NO) irreversible enzyme-activated inhibitor of GABA-transaminase; RN given refers to parent cpd without isomeric designation

isogentisin
(RN) 491-64-5
(SY) 1,3-dihydroxy-7-methoxyxanthone
(HM) *XANTHENES
(II) PLANTS, MEDICINAL
(NO) found in plants such as Guttiferae & Gentianaceae.; structure

isoglobotriaosylceramide
(RN) 84593-23-7
(SY) Gal(alpha1-3)Gal(beta1-4)Glc(beta1-1)Cer
(SY) IGTC
(HM) *GLOBOSIDES

isoguvacine
(RN) 64603-90-3
(RR) 68947-42-2 (HBr)
(RR) 68547-97-7 (HCl)
(HM) *ISONICOTINIC ACIDS
(NO) A GABA agonist; RN given refers to parent cpd; structure

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isohematinic acid
(RN) 86408-37-9
(HM) SUCCINIMIDES
(PA) ANTIBIOTICS
(NO) from Actinoplanes philippinensis; RN given refers to (+-)-isomer; RN for cpd without isomeric designation not in Chemline 7/84; structure given in second source

isohexanoic acid see isocaproic acid

isohistamine
(RN) 19225-96-8
(HM) HISTAMINE/*analogs

isohomovanillic acid
(RN) 1131-94-8
(SY) 4-methoxy-3-hydroxyphenylacetic acid
(SY) homo-iso-vanillic acid
(HM) *HOMOVANILLIC ACID
(II) ISOMERISM
(NO) structure

isohydroxymethoxyphenylglycol see isoMHPG

iso-Indoklon
(RN) 13171-18-1
(SY) 1,1,1,3,3,3-hexafluoroisopropyl methyl ether
(HM) *FLUROTHYL
(PA) ANESTHETICS
(II) ISOMERISM
(NO) structure given in first source

2H-Isoindol-2-amine, 4-chloro-N-(4,5-dihydro-1H-imidazol-2-yl)-1,3-dihydro-, monohydrochloride see BE 6143

isokestose
(RN) 37370-87-9
(SY) O-beta-D-Fru-(2-1)-O-beta-D-Fru-(2-1)-alpha-D-Glc
(HM) *TRISACCHARIDES

isolanid
(RN) 17575-22-3
(SY) lanatoside C
(SY) lanatigen C
(SY) allocor
(SY) cedilanid
(SY) celanide
(HM) *LANATOSIDES
(II) CARDIAC GLYCOSIDES
(NO) RN given refers to (3beta,5beta,12beta)-isomer; RN for cpd without isomeric designation not in Chemline 7/84

isolaureatin
(RN) 19897-64-4
(HM) *ETHERS, CYCLIC
(PA) ANTIMETABOLITES
(NO) extract of sea hare, Aplysia dactylomela; structure

isolectin (Banderiaea simplicifolia) see isolectins

isolectin (Phaseolus vulgaris) see isolectins

isolectins
(SY) isolectin (Banderiaea simplicifolia)
(SY) Griffonie simplicifolia 1-B(4) isolectin
(SY) isolectin (Phaseolus vulgaris)
(HM) *LECTINS

isoleucine-7 AIII see angiotensin III, 8-Ile-

8-isoleucine angiotensin III see angiotensin III, 8-Ile-

8-isoleucine angiotensin II see angiotensin II, 8-Ile-

(isoleucine (8))angiotensin II see angiotensin II, 8-Ile-

8-L-isoleucineangiotensin II see angiotensin II, 8-Ile-

5-isoleucine-angiotensin I see angiotensin I, 5-Ile-

8-isoleucine-oxytocin see mesotocin

isoleucine-tRNA see tRNA, isoleucine-

L-Isoleucine, N-(N(2)-(N(2)-(N-(N-(N-(N-L-tyrosylglycyl)glycyl)-L-phenylalanyl)-L-leucyl)-L-arginyl)-L-arginyl)- see dynorphin (1-8)

L-Isoleucine, N-(N2-(N2-(N-(N-(N-(N-L-tyrosylglycyl)glycyl)-L-phenylalanyl)-L-leucyl)-L-arginyl)-L- arginyl)- see dynorphin (1-8)

isoleucyl initiator tRNA see tRNA, isoleucine-

isoleucyl-prolyl-arginine-4-nitroanilide
(RN) 77672-35-6
(SY) S 2288
(SY) chromogenic substrate S-2288
(SY) Ile-Pro-Arg-p-NA
(HM) *OLIGOPEPTIDES
(II) CHROMOGENIC COMPOUNDS
(NO) chromogenic substrate for tissue plasminogen activator; RN given refers to D-Ile-L-Pro-L-Arg-isomer; RN for cpd without isomeric designation not in Chemline 6/84

isoleucyl-prolyl-isoleucine see diprotin A

isoleucyl-seryl-bradykinin see T-kinin

isoleucyl-tRNA see tRNA, isoleucine-

isoleucylvaline
(RN) 41017-96-3
(SY) Ile-Val
(HM) *DIPEPTIDES
(NO) RN given refers to all (L)-isomer; RN for cpd without isomeric designation not in Chemline 5/84

isoleurosine see 4'-deoxyvinblastine

isolevin
(RN) 54750-10-6
(SY) isoproterenol bitartrate
(HM) ISOPROTERENOL/analogs

isoluminol
(RN) 3682-14-2
(SY) iso-luminol
(HM) *LUMINOL/analogs
(II) LUMINESCENCE
(NO) chemiluminescent label

iso-luminol see isoluminol

isomalathion
(RN) 3344-12-5
(SY) S-(1,2-dicarbethoxyethyl)-O,S-dimethyl phosphorodithioate
(HM) *MALATHION

isomaltitol
(RN) 534-73-6
(SY) 1,6-sorbitol glucopyranoside
(HM) *SUGAR ALCOHOLS

isomaltohexose
(RN) 6175-02-6
(RR) 37698-89-8 (all beta-isomer)
(HM) *OLIGOSACCHARIDES
(NO) RN given refers to (D-alpha)-isomer

isomaltotriose
(RN) 3371-50-4
(HM) *TRISACCHARIDES
(NO) RN given refers to all D-isomer; RN for cpd without isomeric designation not in Chemline 6/85

isomaltulose
(RN) 13718-94-0
(SY) palatinose
(SY) 6-O alpha-D-glucopyranosyl-D-fructose
(HM) *ISOMALTOSE/analogs

isomaltulose synthase
(RN) EC 5.4.99.10
(HM) *CARBOHYDRATE ISOMERASES
(NO) from Erwinia rhapontici; forms isomaltulose & trehalulose from sucrose by intramolecular transglycosylation

isomeroreductase see ketol-acid reductoisomerase

isomescaline
(RN) 3937-16-4
(RR) 3166-75-4 (HCl)
(SY) 2,3,4-trimethoxyphenethylamine
(HM) *MESCALINE
(PA) PSYCHOTOMIMETIC AGENTS
(II) ISOMERISM
(NO) RN given refers to parent cpd

isometamidium chloride
(RN) 20438-03-3
(RR) 34301-55-8 (chloride)
(RR) 6798-24-9 (chloride mono-HCl Samorin)
(RR) 4210-93-9 (chloride unspecified HCl trypamidium)
(RR) 35628-03-6 (methanesulfonate)
(SY) Samorin
(SY) trypamidium
(SY) 8-m-amidinophenyldiazoamino-3-amino-5-methyl-6-phenylphenanthridinium chloride
(SY) 8-3-m-amidinophenyl-2-triazano-3-amino-5-etheyl-6-phenylphenanthridinium chloride
(HM) *PHENANTHRIDINES
(PA) TRYPANOCIDAL AGENTS
(NO) RN given refers to parent cpd; structure

isometheptene
(RN) 503-01-5
(RR) 65783-54-2 (monomaleate(+-)-isomer)
(RR) 51277-00-0 (monomaleate)
(RR) 51176-71-7 (unspecified maleate)
(RR) 7492-31-1 (mucate[2:1])
(RR) 6168-86-1 (mono-HCl)
(RR) 5984-50-9 (monotartrate)
(RR) 65783-53-1 ((+-)-isomer)
(RR) 71846-57-6 (maleate(+-)-isomer)
(SY) midrid
(SY) N,1,5-trimethyl-4-hexenylamine
(HM) *METHYLAMINES
(PA) ANTISPASMODICS
(PA) SYMPATHOMIMETICS
(NO) RN given refers to cpd without isomeric designation; structure in Merck Index, 9th ed, #5040

isomethoxyhydroxyphenylglycol see isoMHPG

isoMHPG
(RN) 40979-91-7
(SY) isomethoxyhydroxyphenylglycol
(SY) isohydroxymethoxyphenylglycol
(SY) 4-methoxy-3-hydroxyphenylethylene glycol
(HM) *METHOXYHYDROXYPHENYLGLYCOL
(II) ISOMERISM

iso-NDG see 9-((2,3-dihydroxy-1-propoxy)methyl)guanine

isoniazid-transacetylase
(RN) EC 2.3.1.-
(SY) isonicotinic acid hydrazide-transacetylase
(SY) INH-transacetylase
(HM) *ACETYLTRANSFERASES

isonicotinamide
(RN) 1453-82-3
(SY) 4-pyridinecarboxamide
(HM) *NICOTINAMIDE
(II) ISOMERISM

isonicotinic acid hydrazide-transacetylase see isoniazid-transacetylase

isonicotinoylamide GABA see isonicotinylamide GABA

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N(1)-isonicotinoyl-N(2)-3-methyl-4-chlorobenzoylhydrazine
(RN) 21150-05-0
(HM) ISONIAZID/*analogs

isonicotinylamide GABA
(RN) 67036-49-1
(SY) isonicotinoylamide GABA
(SY) GABA isonicotinoylamide
(SY) GABA-IG
(HM) GABA/*analogs

isonixin
(RN) 57021-61-1
(RR) 65675-09-4 (mono-Na salt)
(SY) IBH-194
(SY) 2-hydroxy-2',6'-nicotinoxylidide
(SY) 2-hydroxynicotinic acid 2,6-dimethylanilide
(SY) isonixine
(HM) *NICOTINIC ACIDS
(PA) ANALGESICS, ANTI-INFLAMMATORY
(NO) RN given refers to parent cpd; structure

isonixine see isonixin

isonopaline see nopaline

isooctane see 2,2,4-trimethylpentane

2,4,5-T isooctyl ester
(RN) 25168-15-4
(HM) 2,4,5-TRICHLOROPHENOXYACETIC ACID/*analogs

p-isooctylpolyoxyethylenephenol formaldehyde polymer see tyloxapol

isopaque cerebral
(RN) 7241-11-4
(RR) 37222-24-5 (Ca salt)
(RR) 58251-44-8 (Na meglumine Ca metrizoate salt)
(SY) methylglucamine metrizoate
(SY) meglumine calcium metrizoate
(SY) isopaque coronar
(SY) sodium meglumine calcium metrizoate
(SY) meglumine metrizoate
(HM) *METRIZOATE/analogs
(NO) RN given refers to parent cpd

isopaque coronar see isopaque cerebral

Isopast see Isosite

isopaste see Isosite

isopelletierine
(RN) 4396-01-4
(RR) 539-00-4 ((+-)-isomer)
(RR) 2858-66-4 ((-)-isomer)
(SY) 2-acetonylpiperidine
(SY) pelletierine
(HM) *PIPERIDINES
(NO) RN given refers to cpd without isomeric designation; synonym pelletierine refers to (-)-isomer

isopenicillin N epimerase
(RN) EC 5.1.1.-
(HM) *AMINO ACID ISOMERASES
(NO) from Streptomyces clavuligerus; converts isopenicillin N to penicillin N

isopenicillin N see penicillin N

isopenicillin N synthetase
(HM) *ENZYMES
(NO) cyclizes delta(L-alpha-aminoadipyl)-L-cysteinyl-D-valine forming the bicyclo cpd isopenicillin N

isopentenyladenine see N(6)-(delta(2)-isopentenyl)adenine

isopentenyl diphosphate see isopentenyl pyrophosphate

isopentenyldiphosphate delta-isomerase
(RN) EC 5.3.3.2
(RR) 9033-27-6 (CRN)
(SY) isopentenylpyrophosphate isomerase
(HM) *ISOMERASES

isopentenyl pyrophosphate
(RN) 358-71-4
(RR) 4898-94-6 (4-(14)C-labeled cpd)
(SY) isopentenyl diphosphate
(HM) *ORGANOPHOSPHORUS COMPOUNDS
(NO) substrate for isopentenyl pyrophosphate isomerase; RN given refers to unlabeled cpd

isopentenylpyrophosphate isomerase see isopentenyldiphosphate delta-isomerase

2-isopentenyl tRNA
(SY) delta(2)-isopentenyl tRNA
(HM) *RNA, TRANSFER

isopentyl alcohol
(RN) 123-51-3
(RR) 58114-86-6 (Da salt)
(RR) 54369-20-9 (Pb(2+) salt)
(RR) 6423-06-9 (Mg salt)
(RR) 19533-24-5 (Na salt)
(RR) 55636-96-9 (Sr salt)
(RR) 54954-22-2 (1-(14)C-labeled cpd)
(RR) 78972-96-0 (K salt)
(SY) isoamyl alcohol
(HM) *ALCOHOLS, AMYL
(NO) RN given refers to unlabeled parent cpd

isopentyl cyanoacrylate see isoamyl cyanoacrylate

isopeptidase
(RN) EC 4.3.-
(SY) H2A-ubiquitin hydrolase
(HM) *LYASES
(NO) cleaves chromatin protein A24 at the isopeptide bond between COOH terminal glycylglycine attached to ubiquitin & the epsilon amino acid residue of lysine of histone H2A

isophenoxazine synthase see 2-aminophenol oxidase

isophorbol see phorbol

isophorone
(RN) 78-59-1
(HM) *CYCLOHEXANONES

isophorone polyurethane
(SY) Benzoflex 40
(HM) *POLYURETHANES

isophosphamide mustard
(RN) 31645-39-3
(SY) ifosfamide mustard
(SY) isophosphoramide mustard
(SY) N,N'-di-(2-chloroethyl)phosphorodiamidic acid
(HM) IFOSFAMIDE/*analogs
(PA) ANTINEOPLASTIC AGENTS
(NO) antitumor metabolite of ifosfamide; structure in first source

isophosphoramide mustard see isophosphamide mustard

isophos 3
(RN) 42585-08-0
(SY) isophos-3
(HM) *THIOPHOSPHORIC ACID ESTERS
(PA) INSECTICIDES, ORGANOTHIOPHOSPHATE

isophos-3 see isophos 3

isopilocarpic acid see pilocarpic acid

isopiperitenol
(HM) *TERPENES
(NO) structure given in first source

isopiperitenol dehydrogenase
(RN) EC 1.1.1.-
(HM) *ALCOHOL OXIDOREDUCTASES
(NO) from peppermint; NAD-dependent; forms isopiperitenone

isopiperitenone
(HM) *TERPENES
(NO) structure given in first source

isopiperitenone isomerase
(RN) EC 5.3.3.-
(HM) *ISOMERASES
(NO) from peppermint; intramolecular 1,3-hydrogen transfer forms piperitenone

isopirina see isopyrin

isopliths
(HM) *OLIGONUCLEOTIDES
(NO) oligonucleotides with an equal number of nucleotide residues.

isoprazone
(RN) 56463-68-4
(SY) 1-(4-amino-2-methyl-5-phenyl-3-pyrrolyl) isopropyl ketone
(HM) *PYRROLES
(PA) ANALGESICS, ANTI-INFLAMMATORY
(NO) RN from USAN; RN not in Chemline 7/84; structure given in first source

isoprene
(RN) 78-79-5
(HM) *BUTADIENES
(NO) used in manufacture of "synthetic" rubber, butyl rubber; copolymer in production of elastomers; structure

isoprenoid-alcohol kinase
(RN) EC 2.7.1.66
(RR) 9068-22-8 (CRN)
(SY) undecaprenol kinase
(HM) *PHOSPHOTRANSFERASES, ATP

isoprimeverose
(RN) 534-98-5
(SY) alpha-xylosyl-(1-6)-glucose
(HM) *DISACCHARIDES
(NO) RN given for CA Index Guide 1985; RN not in Chemline 9/85

isoprodian
(RN) 55015-10-6
(SY) L73A
(HM) *DAPSONE
(HM) *ISONIAZID
(HM) *PROTHIONAMIDE
(HM) DRUG COMBINATIONS
(PA) ANTILEPROTIC AGENTS
(PA) ANTITUBERCULAR AGENTS
(NO) contains the above three cpds

isoprophenamine see clorprenaline

5-isopropoxy-4-methyl-beta-carboline-3-carboxylic acid ethyl ester see ZK 93426

isopropyl-2-acetoxyethyl-2'-chloroethylamine
(RN) 87468-07-3
(SY) IPACEA
(HM) ACETYLCHOLINE/*analogs
(NO) acetylcholine mustard analog; structure given in first source

N-isopropyl-alpha-(2-methylazo)-p-toluamide see azoprocarbazine

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N-isopropyl-alpha-(2-methylhydrazo)-4-toluamide
(RN) 20566-17-0
(SY) HYO-procarbazine
(HM) PROCARBAZINE/*analogs
(NO) methylhydrazone tautomer of azoprocarbazine

isopropylamine see 2-propylamine

1-(isopropylamino)-3-(p-(cyclopropylmethoxyethyl) phenoxy)-2-propanol.HCl see betaxolol

4-isopropylamino-2,3-dimethyl-1-phenyl-3-pyrazolin-5- one see isopyrin

p-isopropylaminodiphenylamine see N-isopropyl-N-phenyl-4-phenylenediamine

2-isopropylaminoethanol
(RN) 109-56-8
(RR) 54472-62-7 (HCl)
(SY) N-isopropylethanolamine
(HM) *ETHANOLAMINES
(II) CONTRACEPTIVES, POSTCOITAL
(NO) RN given refers to parent cpd; structure

1-isopropylamino-3-(1,4-ethano-1,2,3,4-tetrahydro-5-naphthoxy)propan-2-ol see K 4423

1-isopropylamino-3-(p-hydroxyphenoxy)-2-propanol see prenalterol

1-isopropylamino-3-(4-hydroxyphenoxy)-2-propanol see prenalterol

1-(1-(2-(3-isopropylamino-2-hydroxypropoxy)-3,6-dichlorophenyl)vinyl)-1H-imidazole see 711389-S

1-isopropylamino-3-(4-(2-methoxyethoxy)phenoxy)-2-propanol see H 87-07

4(5)-(4-isopropylaminomethylene)minophenyl)imidazole see DA 4577

1-(isopropylamino)-3-(2-methylindol-4-yloxy)-2- propanol sulfate see mepindolol

isopropylaminomethyl-6-methyl-7-nitro- 1,2,3,4-tetrahydroquinoline see desoxyoxamniquine

1-isopropylamino-3-(2-methylthiophenoxy)propan-2-ol see tiprenolol

isopropylaminophenazone see isopyrin

6-isopropylaminopiperazino-2-carbothioamide
(SY) F 369
(SY) F-369
(HM) *PYRAZINES
(PA) ANTITUBERCULAR AGENTS
(NO) structure given in first source

4-(isopropylamino)-2-(2-pyridyl)-2-phenylbutyramide
(RN) 38236-46-3
(RR) 67869-30-1 (phosphate)
(SY) mono-N-dealkylated disopyramide
(SY) deisopropyldisopyramide
(SY) desisopropyldisopyramide
(HM) DISOPYRAMIDE/*analogs
(PA) ANTICHOLINERGIC AGENTS
(NO) mono-N-dealkylated disopyramide metabolite; RN given refers to parent cpd; structure in first source

isopropylamino-2-pyrimidine phosphate see isaxonine

1-isopropylamino-3-(2-thiazoloxy)-2-propanol see tazolol

4-isopropylantipyrine see propyphenazone

isopropyl benzene hydroperoxide see cumene hydroperoxide

isopropyl-4-(2,1,3-benzoxadiazol-4-yl)-1,4-dihydro-2,6-dimethyl-5-methoxycarbonylpyridine-3-carboxylate see PN 200-110

4-isopropylbicyclophosphate
(RN) 51052-72-3
(SY) 4-isopropyl-2,6,7-trioxa-1-phosphabicyclo(2.2.2) octane-1-oxide
(SY) 4-(1-methylethyl)-2,6,7-trioxa-1-phosphabicyclo (2.2.2)octane-1-oxide
(SY) IPTBO
(HM) *ORGANOPHOSPHORUS COMPOUNDS
(PA) CONVULSANTS
(NO) highly toxic cpd used in spectroscopic studies, potential flame retardants, vinyl resin stabilizers, & antioxidants; are not cholinesterase inhibitors; structure

isopropyl 4,4'-dibromobenzilate
(RN) 18181-80-1
(SY) Folbex-VA
(SY) Folbex-forte
(SY) bromopropylate
(HM) *BENZILATES
(PA) INSECTICIDES
(NO) active substance in fumigant strips for mites

isopropyl-diiodothyronine
(RN) 10439-94-8
(RR) 137-55-3 ((DL)-isomer)
(RR) 51-23-0 ((L)-isomer)
(SY) 3'-isopropyl-3,5-diiodothyronine
(SY) IPDIT
(SY) 3'-isopropyl-3,5-diiodo-L-thyrosine
(HM) *DIIODOTHYRONINES
(II) HORMONES, SYNTHETIC
(NO) thyromimetic analog of triiodothyronine with high biologic activity; RN given refers to parent cpd

3'-isopropyl-3,5-diiodothyronine see isopropyl-diiodothyronine

3'-isopropyl-3,5-diiodo-L-thyrosine see isopropyl-diiodothyronine

4-isopropyl-1-(N(2)-(5,6-dimethylaminonaphthalene-1-sulfonyl-L-arginyl)piperidine see TI-233

4-isopropyl-2,3-dimethyl-1-phenyl-3-pyrazoline-5-one see propyphenazone

N-isopropyl-4,4-diphenyl cyclohexylamine see pramiverine

N-isopropylethanolamine see 2-isopropylaminoethanol

isopropyl ether see diisopropyl ether

1-isopropylhydrazine
(RN) 2257-52-5
(RR) 73941-11-4 (unspecified HCl)
(RR) 16726-41-3 (mono-HCl)
(HM) *HYDRAZINES
(NO) RN given refers to parent cpd

1-isopropyl-3-hydroxy-5-semicarbazono-6-oxo-2,3,5,6-tetrahydroindole see divascan

1,2-O-isopropylidene-3-O-3'-(N',N'-dimethylamino-N-propyl)-D-glucofuranose see SM 1213

3,4-O-isopropylidene-3,3',4,5'-tetrahydroxystilbene
(SY) IPTHS
(HM) *STILBENES
(PA) ANTIFUNGAL AGENTS
(NO) chemically derived from 3,3',4,5'-tetrahydroxystilbene; shows strong antifungal activity against Trichophyton rubrum & Trichophyton mentagrophytes; structure given in first source

3-isopropyl-3-(1-imidazolylmethyl)indole see UK-34787

2-(2-isopropylindan-5-yl)propionic acid see UP 517-03

2-(2-isopropyl-5-indanyl)propionic acid see UP 517-03

N-isopropyl-4-iodoamphetamine
(SY) N-isopropyl-para-iodoamphetamine
(SY) 4-iodo-N-isopropylamphetamine
(SY) iofetamine
(HM) *AMPHETAMINES
(II) IODINE RADIOISOTOPES
(NO) used in brain radionuclide scanning with 123I

isopropyl isocyanide
(RN) 598-45-8
(HM) *NITRILES

3-isopropylmalate dehydratase
(RN) EC 4.2.1.33
(SY) alpha-isopropylmalate isomerase
(HM) *HYDRO-LYASES

3-isopropylmalate dehydrogenase
(RN) EC 1.1.1.85
(RR) 9030-97-1 (CRN)
(SY) beta-isopropylmalate dehydrogenase
(HM) *ALCOHOL OXIDOREDUCTASES

isopropyl melphalan
(RN) 57675-29-3
(SY) 4-(bis(2-chloroethyl)aminophenylalanine isopropyl ester
(SY) SBIPE
(HM) MELPHALAN/*analogs
(NO) RN given refers to mono-HCl(DL)-isomer in Chemline; RN for cpd without isomeric designation not in Chemline 10/4/83

isopropylmethanesulfonate
(RN) 926-06-7
(RR) 3409-44-7 (3H-labeled cpd)
(SY) isopropyl methanesulfonate
(HM) *METHANESULFONATES
(PA) ALKYLATING AGENTS
(II) SPERMATOGENESIS/drug eff
*(NO) RN given refers to unlabeled cpd

isopropyl methanesulfonate see isopropylmethanesulfonate

isopropylmethoxamine
(RN) 550-53-8
(RR) 61-15-4 (HCl)
(RR) 13699-30-4 (+)-isomer
(RR) 13050-67-4 (L)-isomer
(RR) 13050-66-3 (DL)-isomer
(HM) METHOXAMINE/*analogs
(NO) RN given refers to parent cpd

isopropyl (2-methoxyethyl) 1,4-dihydro-2,6-dimethyl-4-(3-nitrophenyl)-3,5-pyridine dicarboxylate see nimodipine

5-isopropyl-3-methyl-2-cyano-6-methyl-4-(3-nitrophenyl)-1,4-dihydro-3,5-pyridinecarboxylate see FR 34235

2-isopropyl-6-methyl-4-S-pyrimidinyl diethylthiophosphate see isodiazinon

isopropyl myristate
(RN) 110-27-0
(SY) isopropylmyristate
(HM) *MYRISTATES
(NO) structure

isopropylmyristate see isopropyl myristate

2-isopropylnaphthalene
(RN) 2027-17-0
(RR) 29253-36-9 (cpd without specified locant for isopropyl group)
(HM) *NAPHTHALENES
(NO) RN given refers to parent cpd

2-isopropyl-nicotinyl-indole see nictindole

1-isopropylnoradrenochrome-5-monosemicarbazone see divascan

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N-isopropylnorsynephrine see deterenol

N-isopropyloctopamine see deterenol

N-isopropyl-para-iodoamphetamine see N-isopropyl-4-iodoamphetamine

isopropylphenazone see propyphenazone

isopropyl N-phenylcarbamate see propham

1-isopropyl-4-phenyl-7-methyl-2-(1H)-quinazoline see proquazone

N-isopropyl-N'-phenyl-p-phenylenediamine see N-isopropyl-N-phenyl-4-phenylenediamine

N-isopropyl-N-phenyl-4-phenylenediamine

(RN) 101-72-4
(RR) 41130-40-9 (HCl)
(SY) p-isopropylaminodiphenylamine
(SY) phenylisopropyl-p-phenylenediamine
(SY) N-isopropyl-N'-phenyl-p-phenylenediamine
(HM) *PHENYLENEDIAMINES
(II) ANTIOXIDANTS
(NO) RN given refers to parent cpd; structure in sixth source

4-(4-isopropylpiperazinocarbonyl)phenyl 1,2,3,4-tetrahydro-1-naphthoate methanesulfonate see FK 448

8-isopropylscopolamine

(HM) *SCOPOLAMINE DERIVATIVES
(PA) BRONCHODILATOR AGENTS
(PA) PARASYMPATHOLYTICS

24-(isopropylseleno)chol-5-en-3-ol

(RN) 86508-37-4
(RR) 86508-38-5 (75Se-labeled cpd (3beta)-isomer)
(RR) 86549-45-3 (73Se-labeled cpd (3beta)-isomer)
(SY) 24-(isopropyl(75Se)seleno)chol-5-en-3 beta-ol
(SY) 24-(isopropyl(73Se)seleno)chol-5-en-3 beta-ol
(SY) 24-ISeCEO
(HM) *CHOLENES
(HM) *SELENIUM
(II) RADIONUCLIDE IMAGING
(NO) RN given refers to unlabeled (3beta)-isomer; RN & structure from first source; RN not in Chemline 11/7/83

24-(isopropyl(73Se)seleno)chol-5-en-3 beta-ol see 24-(isopropylseleno)chol-5-en-3-ol

24-(isopropyl(75Se)seleno)chol-5-en-3 beta-ol see 24-(isopropylseleno)chol-5-en-3-ol

1-isopropyl-3-((4-m-toluidino-3-pyridyl)sulfonyl)urea see torasemide

4-isopropyl-2,6,7-trioxa-1-phosphabicyclo(2.2.2) octane-1-oxide see 4-isopropylbicyclophosphate

4-isopropyltropolone see beta-thujaplicin

2-isopropylvaleramide see propylisopropylacetamide

isoproterenol bitartrate see isolevin

isoprothrombin

(RN) 53230-14-1
(SY) PIVKA II
(SY) PIVKA
(SY) prothrombin precursor
(HM) *PROTHROMBIN
(HM) *PROTEIN PRECURSORS
(NO) protein antigenically related to prothrombin in its ability to generate thrombin clotting; same MW, but different mobility on disc electrophoresis; inactive precursor of prothrombin

isopsoralen see angelicin

isoputreamine lactam see N-(3-aminopropyl)pyrrolidin-2-one

isoputreanine

(RN) 66165-33-1
(RR) 53185-44-7 (di-HCl)
(HM) *AMINO ACIDS, DIAMINO
(NO) metabolite of spermidine; RN given refers to parent cpd or spermine in human urine

isopyrin

(RN) 3615-24-5
(RR) 18342-39-7 (mono-HCl)
(RR) 64906-00-9 (tartrate[1:1](R-(R*,R*))-isomer)
(RR) 20500-32-7 (tartrate(R-(R*,R*))-isomer)
(RR) 13576-96-0 (unspecified HCl)
(SY) isopirina
(SY) 4-isopropylamino-2,3-dimethyl-1-phenyl-3-pyrazolin-5-one
(SY) isopropylaminophenazone
(SY) isopyrine
(HM) AMINOPYRINE/*analogs
(PA) ANTI-INFLAMMATORY AGENTS
(NO) RN given refers to parent cpd without isomeric designation; structure

isopyrine see isopyrin

isoquassinic acid

(RN) 89678-55-7
(HM) *GLAUCARUBIN/analogs
(NO) metabolite of quassin

isoquercitrin

(RN) 21637-25-2
(SY) quercetin-3-glucoside
(SY) trifoliin
(SY) trifoliin A
(HM) *QUERCETIN/analogs
(II) LECTINS

isoquinoline

(RN) 119-65-3
(RR) 58142-67-9 (HI)
(RR) 49563-76-0 (HBr)
(RR) 23715-85-7 (conjugate acid)
(RR) 21364-46-5 (HCl)
(RR) 5984-79-2 (sulfate[1:1])
(HM) *ISOQUINOLINES
(NO) RN given refers to parent cpd

2,7(1H)-Isoquinolinedisulfonamide, N7-(3-chlorophenyl)-N2-((7-(((3-chlorophenyl)amino)sulfonyl)-3,4-dihydro-2(1H)-isoquinolinyl)sulfonyl)-3,4-dihydro- see Stelabid

1-(5-isoquinolinesulfonyl)-2-methylpiperazine

(SY) IQSMP
(SY) H-7
(HM) *ISOQUINOLINES
(HM) *PIPERAZINES
(PA) PROTEIN KINASES/antag

iso-renin

(RN) EC 3.4.99.-
(SY) isorenin
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) properties strongly suggest identity with cathepsin D

isorenin see iso-renin

isorhodopsin

(HM) *RHODOPSIN
(II) ISOMERISM
(NO) cpd contains 9-cis-retinal in contrast to rhodopsin which contains 11-cis-retinal

isosafrole

(RN) 120-58-1
(RR) 4043-71-4 ((E)-isomer)
(SY) 4-propenyl-1,2-methylenedioxybenzene
(HM) *SAFROLE
(II) ISOMERISM
(NO) RN given refers to cpd without isomeric designation

Isosarpan

(RN) 57063-25-9
(SY) hydrosarpan 711
(HM) *YOHIMBINE
(HM) *PIPERAZINES
(HM) DRUG COMBINATIONS
(NO) affects cerebrovascular circulation; consists of raubasin & pipratecol; used in treatment of tinnitus

isoscutellarein-7-O-(allosyl(1-2) glucoside)

(SY) ISCAG
(HM) *BIOFLAVONOIDS
(II) PLANTS, MEDICINAL
(NO) from Sideritis leucantha; structure given in first source

Isosit see Isosite

Isosite

(RN) 65099-12-9
(SY) Isosit
(SY) Vivadent
(SY) Isopast
(SY) isopaste
(SY) dentin-adhesit
(HM) *POLYURETHANES
(HM) *ACRYLIC RESINS
(II) DENTAL MATERIALS
(II) COMPOSITE RESINS
(NO) urethane-dimethacrylate resin system

16-epi-isositsirikine

(RN) 6519-27-3
(HM) *ALKALOIDS
(PA) ANTINEOPLASTIC AGENTS
(NO) isolated from leaves of Catharanthus roseus and Rhazya stricta; RN given refers to isositsirikine (16R,119E)-isomer; RN for cpd without isomeric designation not in Chemline 10/83; structure in first source

isosorbide-5-mononitrate-2-glucuronide

(SY) IS-5-MN-2-GLU
(HM) ISOSORBIDE DINITRATE/*analogs
(NO) metabolite of isosorbide dinitrate

isosorbide-2-mononitrate

(RN) 16106-20-0
(HM) ISOSORBIDE DINITRATE/*analogs
(NO) for prevention & therapy of angina pectoris

isosorbide-5-mononitrate

(RN) 16051-77-7
(SY) 5-ISMN
(SY) elantan
(HM) ISOSORBIDE DINITRATE/*analogs
(NO) for preventtion of angina pectoris; structure given in first source

isostearate see isostearic acid

isostearic acid

(RN) 5638-12-0
(SY) isostearate
(SY) 2-methyl-heptadecanoic acid
(HM) STEARIC ACIDS

isosteviol see steviol

isosulfamerazine see sulfaperine

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iso-sulfan blue
(RN) 68238-36-8
(SY) iso-sulphan blue
(SY) 4-(alpha-(p-(diethylamino)phenyl)-2,5-disulfobenzylidene)-2,5-cyclohexadien-1-ylidene) diethylammonium hydroxide inner salt, sodium salt
(SY) lymphazurin
(HM) *ROSANILINE DYES
(NO) 2,5-disulfobenzylidene-isomer of sulfan blue; RN given refers to Na salt; RN for parent cpd not in Chemline 7/84; structure in first source

isosulfazecin see sulfazecin

iso-sulphan blue see iso-sulfan blue

isotachysterol
(RN) 469-06-7
(HM) ERGOSTEROL/*analogs
(NO) RN given refers to (3beta,6E,22E)-isomer; RN for cpd without isomeric designation not in Chemline 7/84

isoteolin
(HM) *APORPHINES
(PA) ANTIHYPERTENSIVE AGENTS
(NO) mixture of isomers isoboldine (RN 3019-51-0) & bracteoline (RN 25651-04-1)

isothaz
(RN) 58893-45-1
(SY) iso-THAZ
(HM) *ISOXAZOLES
(II) MUSCIMOL/antag

iso-THAZ see isothaz

isotheoline
(RN) 79979-14-9
(HM) *APORPHINES
(HM) DRUG COMBINATIONS
(NO) bracteolin-isoboldine combination; RN given refers to all (S)-isomer; structure for cpds without isomeric designation not in Chemline 6/85

isothiocyanate see isothiocyanic acid

3'-isothiocyanatobenzamidecholic acid
(SY) 3'-ITCBC
(SY) 3'-isothiocyanatobenzamido(3H)cholate
(SY) isothiocyanatobenzamido cholate
(HM) *THIOCYANATES
(HM) *CHOLIC ACIDS
(II) AFFINITY LABELS
(NO) affinity label for Hepatocellular membrane proteins

isothiocyanatobenzamido cholate see 3'-isothiocyanatobenzamidecholic acid

3'-isothiocyanatobenzamido(3H)cholate see 3'-isothiocyanatobenzamidecholic acid

p-isothiocyanatobenzenesulfonate see 4-isothiocyanatobenzenesulfonate

4-isothiocyanatobenzenesulfonate
(RN) 7216-63-9
(RR) 17614-69-6 (Na salt)
(SY) 4-sulfophenyl isothiocyanate
(SY) para-isothiocyanatobenzenesulfonate
(SY) p-isothiocyanatobenzenesulfonate
(HM) *THIOCYANATES
(HM) *BENZENESULFONATES
(NO) inhibitors of acid extrusion; amino-reactive agent; inhibits anion fluxes in erythrocytes; RN given refers to sulfonic acid

4-isothiocyanato clonidine see clonidine 4-isothiocyanate

5-isothiocyanatofluorescein see fluorescein-5-isothiocyanate

4-isothiocyanato-4'-nitrodiphenylamine see amoscanate

4-isothiocyanato-N-(4-nitrophenyl)benzenamine see amoscanate

2-(4-isothiocyanatophenoxy)-1,3,2-dioxaphosphinene 2-oxide
(SY) ITCP-DPO
(HM) *ORGANOPHOSPHORUS COMPOUNDS
(NO) Edman degredation reagent used to increase sensitivity of amino acid sequence determination

1-(1-(3-isothiocyanatophenyl)cyclohexyl)piperidine see metaphit

3-isothiocyanatopropyltriethoxysilane
(SY) 3-ITCPS
(HM) *SILANES
(NO) used for separation of plasma membrane proteins of cultured human fibroblasts

isothiocyanic acid
(RN) 3129-90-6
(SY) isothiocyanate
(HM) *THIOCYANATES

16-isothiocyanopregnenolone 3-acetate see 16 alpha-isothiocyanopregnenolone-3-acetate

1-(2-isothiocyantoethyl)-7-chloro-1,3-dihydro-5-(2-fluorophenyl)-2H-1,4-benzodiazepine-2-one see irazepine

3-isothujone see beta-thujone

isotocin
(RN) 550-21-0
(SY) oxytocin, 4-serine-8-isoleucine-
(SY) 4-Ser-8-Ile-oxytocin
(SY) 4-L-serine-8-L-isoleucine-oxytocin
(SY) oxytocin, 4-Ser-8-Ile-
(SY) 4-serine-8-isoleucine-oxytocin
(HM) OXYTOCIN/*analogs
(NO) hormone found in some teleosts; Gln in position 4 of oxytocin replaced by Ser & Leu in position 8 by Ile; structure

Isoton
(RN) 77904-49-5
(HM) *AZIDES
(NO) diluting fluid for blood counters; contains Na azide

isotonil see dimethacrine

isotretinoin see Ro 4-3780

isouramil
(RN) 3914-34-9
(SY) 6-amino-2,4,5-trihydroxypyrimidine
(HM) *BARBITURATES
(NO) aglycone of convicine

isovaleraldehyde see isovalerylaldehyde

isovaleramide
(RN) 541-46-8
(SY) 3-methylbutyramide
(HM) *AMIDES
(PA) ALCOHOL OXIDOREDUCTASES/antag

2-isovaleramidobut-2-enoic acid
(SY) 2-IVBA
(HM) *AMIDES
(HM) *FATTY ACIDS, UNSATURATED
(NO) pro-drug to overcome the instability of thienamycin; structure given in first source

isovaleric acid
(RN) 503-74-2
(HM) *PENTANOIC ACIDS
(NO) structure

N-isovalerylalanine
(RN) 68219-63-6
(HM) ALANINE/*analogs
(NO) urinary metabolite in isovaleric acidemia; structure given in first source

isovalerylaldehyde
(RN) 590-86-3
(SY) 3-methylbutanal
(SY) isovaleraldehyde
(HM) *ALDEHYDES
(NO) structure in Merck Index, 9th ed, #5093

isovaleryl-beta-D-glucuronide see isovalerylglucuronide

isovalerylcarnitine see 3-methylbutyrylcarnitine

isovaleryl-CoA see isovaleryl-coenzyme A

isovaleryl-CoA dehydrogenase see isovaleryl-coenzyme A dehydrogenase

isovaleryl CoA dehydrogenase see isovaleryl-coenzyme A dehydrogenase

isovaleryl-coenzyme A
(RN) 6244-91-3
(SY) isovaleryl-CoA
(SY) coenzyme A, isovaleryl-
(HM) *ACYL COENZYME A

isovaleryl-coenzyme A dehydrogenase
(RN) EC 1.3.99.10
(RR) 37274-61-6 (CRN)
(SY) isovaleryl CoA dehydrogenase
(SY) isovaleryl-CoA dehydrogenase
(HM) *OXIDOREDUCTASES

isovalerylglucuronide
(RN) 88070-93-3
(SY) isovaleryl-beta-D-glucuronide
(HM) *GLUCURONATES
(HM) *VALERATES
(NO) metabolite in urine of patients with isovaleric acidemia

N-isovalerylglycine
(RN) 23590-18-3
(HM) GLYCINE/*analogs
(NO) urinary metabolite of isovaleric acid in isovaleric acidemia ("sweaty feet syndrome")

isovaleryl-histidyl-prolyl-phenylalanyl-histidyl-statine-leucyl-phenylalanine see renin inhibitory peptide, statine

N-isovalerylsarcosine
(RN) 88127-29-1
(HM) SARCOSINE/*analogs
(NO) urinary metabolite in isovaleric acidemia; structure given in first source

isovaleryl-valyl-3-oxo-4-amino-6-methylheptanoyl-alanyl-isoamylamide see pepstatin ketone analog

isovaleryl-L-valyl-L-valylstatyl-L-alanylstatyl-L- arginine methyl ester see pepstatyl-arginine methyl ester

isovaleryl-valyl-valylstatyl-alanylstatyl-glycyl- lysyl-lysine see pepstatyl-glycyl-lysyl-lysine

isovaline
(RN) 595-40-4
(RR) 595-39-1 ((DL)-isomer)
(RR) 76727-06-5 (mono-Na salt(L)-isomer)
(RR) 73473-40-2 (HCl(D)-isomer)
(RR) 72534-96-4 (mono-Na salt(D)-isomer)
(RR) 3059-97-0 ((D)-isomer)
(RR) 43177-22-6 (HCl(L)-isomer)
(HM) *VALINE
(II) ISOMERISM
(NO) RN given refers to parent cpd(L)-isomer; RN for cpd without isomeric designation not in Chemline 7/84

isovanillic acid
(RN) 645-08-9
(HM) *VANILLIC ACID/analogs

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isovesiculosin
(HM) *DITERPENES
(II) PLANTS, MEDICINAL
(II) PLANT EXTRACTS
(NO) from Diarthron vesiculosum; structure given in first source

isovinculin see vinculin

isoxanthopterin
(RN) 529-69-1
(HM) *XANTHOPTERIN
(NO) structure

isoxazol see azastene

5-Isoxazoleacetic acid, alpha-amino-3-chloro-4,5- dihydro-, (S-(R*,R*))- see acivicin

isoxepac
(RN) 55453-87-7
(SY) HP 549
(HM) *ACETIC ACIDS
(PA) ANTI-INFLAMMATORY AGENTS
(NO) orally effective non-steroidal anti-inflammatory agent with moderate analgesic & antipyretic activity; structure in first three sources & USAN 1980, p.178

isoxicam
(RN) 34552-84-6
(HM) *THIAZINES
(PA) ANTI-INFLAMMATORY AGENTS

isoxsuprine lactate
(RN) 58379-21-8
(SY) Hanegif
(HM) ISOXSUPRINE/*analogs
(PA) SYMPATHOMIMETICS
(NO) RN from Negwer, 5th ed, #3687-01

isozone see TB-450

ISPAP see immunosuppressive acidic protein

istamycin A see istamycins

istamycin B see istamycins

istamycins
(RN) 76774-97-5
(RR) 68743-79-3 (cpd with unspecified 2-amino stereochemistry)
(SY) istamycin A
(SY) istamycin B
(HM) AMINOGLYCOSIDES
(PA) ANTIBIOTICS
(NO) two components, istamycins A & B, with stereoisomeric 2-amino groups have been identified; antibiotic KA-6606 refers to cpd with unspecified 2-amino stereochemistry; RN in Chemline for istamycin A: 72503-79-8; RN for istamycin B: 72523-64-9; structure

Isteropac see meglumine iodamide

istoull see dimethacrine

IS-23 see IS 23

IS 23
(RN) 88026-14-6
(SY) tilorone analog IS-23
(SY) IS-23
(HM) *TILORONE/analogs
(II) ADJUVANTS, IMMUNOLOGIC

IS-33 see IS 33

IS 33
(RN) 88026-15-7
(SY) tilorone analog IS-33
(SY) IS-33
(HM) *TILORONE/analogs
(II) ADJUVANTS, IMMUNOLOGIC

itaconate see itaconic acid

itaconate epoxide
(HM) *SUCCINATES
(II) AFFINITY LABELS

itaconic acid
(RN) 97-65-4
(RR) 50976-31-3 (Na salt)
(RR) 52009-17-3 (Ca salt)
(RR) 51937-61-2 (Cu salt)
(RR) 5363-69-9 (di-Na salt)
(SY) methylenesuccinic acid
(SY) itaconate
(HM) *SUCCINATES
(NO) RN given refers to parent cpd; structure

itanoxone
(RN) 58182-63-1
(SY) 4-(4'-(2-chlorophenyl)phenyl)-4-oxo-2-methylenebutanoic acid
(SY) F 1379
(HM) *BUTYROPHENONES
(PA) ANTILIPEMIC AGENTS
(NO) RN from 9th CI Form Index; structure

ITA 104 see plafibride

ITA-312 see lozilurea

ITA 312 see lozilurea

ITA-529 see ITA 529

ITA 529
(RN) 80626-07-9
(SY) ethyl-beta((5-tert-butyl-3-chloro-2-hydroxy) benzylamino)crotonate
(SY) ITA-529
(HM) *BENZYLAMINES
(PA) DIURETICS
(NO) structure given in first source

3'-ITCBC see 3'-isothiocyanatobenzamidecholic acid

ITCL see
5-(benzoylamino)-N-(4-chlorophenyl)-3-methyl-4-isothiazolecarboxamide

ITCP-DPO see
2-(4-isothiocyanatophenoxy)-1,3,2-dioxaphosphinene 2-oxide

3-ITCPS see 3-isothiocyanatopropyltriethoxysilane

ITD I see trypsin inhibitor, squash seed

ITD III see trypsin inhibitor, squash seed

ITF-ECP see interferon eicosapeptide (human lymphoblastoid)

ITF-182 see ITF 182

ITF 182
(RN) 36364-49-5
(SY) 1H-imidazole-2-hydroxybenzoic acid complex
(SY) ITF-182
(HM) *SALICYLATES
(PA) ANTI-INFLAMMATORY AGENTS
(NO) 2-hydroxybenzoic acid compounded with imidazole; structure given in first source

ITF 282 see iron succinyl milk protein complex

ITF-282 see iron succinyl milk protein complex

(125)ITI see iodo-tyraminyl inulin

IT-13-ODA see 18-iodo-13-tellura-17-octadecenoic acid

IT-7-ODA see 18-iodo-7-tellura-17-octadecenoic acid

ITPase see inosine triphosphatase

ITP pyrophosphohydrolase see inosine triphosphatase

itraconazole
(RN) 84625-61-6
(SY) R 51211
(SY) R-51211
(HM) KETOCONAZOLE/*analogs
(PA) ANTIFUNGAL AGENTS
(NO) RN & structure given in first source; RN not in Chemline 8/84

ITS calcifying solution
(SY) ITS mineralizing solution
(HM) *ISOTONIC SOLUTIONS
(NO) isotonic solution containing CaCl2, KCl, MgCl, NaCl, NaHCO3, NAH2PO4 & glucose

ITS mineralizing solution see ITS calcifying solution

iturin A
(RN) 52229-90-0
(SY) iturin A(L)
(HM) PEPTIDES, CYCLIC
(PA) ANTIBIOTICS, ANTIFUNGAL
(PA) ANTIBIOTICS
(NO) from various strains of Bacillus subtilis; active component in bacillomycin B, R & eumycin; the lipid moiety is a mixture of amino long-chain saturated fatty acids & the peptide moiety consists of 7 amino acids; only iturin A has activity cyclic peptide; found in bacillomycin A, B, R & eumycin

iturin A(L) see iturin A

ITYA see 4,7,10,13-eicosatetraynoic acid

I-Tyr-somatostatin see somatostatin, iodine-Tyr-

I(125)-Tyr(8)-SP see substance P, iodo-Tyr(8)-

I-Tyr(1)-SRIF see somatostatin, 1-iodo-Tyr-

I(125)-Tyr(8)-substance P see substance P, iodo-Tyr(8)-

DL 111-IT see DL 111

DL 150 IT see oxdralazine

DL 204-IT see L 11204

DL 308-IT see zetidoline

DL 473-IT see rifapentine

Iva-His-Pro-Phe-His-Sta-Leu-Phe-NH2 see renin inhibitory peptide, statine

ivalon sponge
(HM) *POLYVINYLS
(NO) polyvinyl (formal) plastic used as surgical sponge

2-IVBA see 2-isovaleramidobut-2-enoic acid

IVEME see 17-iodovinylestradiol-3-methyl ether

ivermectin
(RN) 71827-03-7
(SY) dihydroavermectin B1a
(SY) 22,23-dihydroavermectin B1
(SY) avermectin H2B1a
(HM) *LACTONES
(PA) FILARICIDES
(PA) ANTHELMINTICS
(PA) INSECTICIDES
(PA) ANTIPROTOZOAL AGENTS
(PA) NEMATOCIDES
(NO) suppresses maturation of Dirofilaria immiatis in ferrets; used for control of scabies mites

17-IV-estradiol see 17 alpha-iodovinylestradiol

IVMEME see 17-iodovinyl-11-methoxyestradiol-3-methyl ether

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IVME2 see 17 alpha-iodovinyl-11 beta-methoxyestradiol

IVMP see influenza virus membrane protein

Ivoseal
(HM) *ACRYLIC RESINS
(HM) *PHTHALIC ACIDS
(II) TISSUE CONDITIONING (DENTAL)

IV-TCDBD see
1-N-5-iodovaleramido-3,7,8-trichlorodibenzo-4-dioxin

Ixoten see trofosfamide

izumenolide
(RN) 76265-39-9
(HM) *LACTONES
(PA) ANTIBIOTICS
(PA) BETA-LACTAMASES/antag
(NO) from Micromonospora chalcea

I 102
(SY) I-102
(HM) CYSTEAMINE/*analogs
(PA) RADIATION-PROTECTIVE AGENTS

I-102 see I 102

I5B1
(RN) 84890-90-4
(SY) I5-B1
(HM) *PHOSPHOPEPTIDES
(PA) KININASE II/antag
(NO) from Actinomadura; consists of 1 mol of Phe, N-MeVal & 1-amino-2-(4-hydroxyphenyl)ethylphosphonic acid

I5-B1 see I5B1

I5B2
(RN) 93768-49-1
(SY) I5-B2
(HM) *PHOSPHOPEPTIDES
(PA) KININASE II/antag
(NO) from Actinomadura; consist of 1 mol of Tyr, N-MeVal & 1-amino-2-(4-hydroxyphenyl)ethylphosphonic acid

I5-B2 see I5B2

I-667 see 4-oxalysine

jacalin
(HM) *LECTINS
(PA) INTERFERON INDUCERS
(NO) from seeds of Artocarpus integrifolia (Jackfruit); induces production of gamma interferon in human peripheral blood mononuclear cells & human T-lymphocyte cultures

jacobine
(RN) 6870-67-3
(HM) *PYRROLIZIDINE ALKALOIDS
(NO) RN given refers to (15alpha,20S)-isomer; RN for cpd without isomeric designation not in Chemline 7/84; structure

Jaffna albumin
(HM) *SERUM ALBUMIN
(NO) hereditary albumin variant found in human serum

Jalan see molinate

Janus Green B
(RN) 2869-83-2
(HM) *AZO COMPOUNDS
(II) DYES
(NO) used in electrodeposition of copper; RN given refers to chloride; RN for parent cpd not in Chemline 7/84; structure

jaritin see VUFB-9244

jatrophone
(RN) 29444-03-9
(HM) *DITERPENES
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(NO) RN given refers to (2R-(2R*,3aR*,9E,12Z))-isomer; RN for cpd without isomeric designation not in Chemline 7/84; structure

jawaharene
(RN) 12772-10-0
(HM) *ANTIBIOTICS, ANTINEOPLASTIC
(NO) cpd isolated from strain of Aspergillus niger

JA 20
(RN) 80701-11-7
(SY) JA-20
(HM) *POLYENES
(PA) ANTIBIOTICS
(PA) ANTIBIOTICS, ANTIFUNGAL
(PA) ANTILIPEMIC AGENTS
(NO) polyene macrolide antibiotic from Indian soil produced by Streptoverticillium rescocarneum

JA-20 see JA 20

JB-11 see trimetrexate

JB 329 see Ditran

JB-336 see JB 336

JB 336
(RN) 3321-80-0
(RR, 3689-80-3 (HCl)
(SY) N-methyl-3-piperidyl benzilate
(SY) JB-336
(HM) *BENZILATES
(PA) HALLUCINOGENS
(NO) RN given refers to parent cpd

JCL-CEA see Tennessee antigen

jectofer see iron sorbitex

Jeltrate
(RN) 67924-61-2
(HM) *COLLOIDS
(II) DENTAL IMPRESSION MATERIALS
(NO) irreversible hydrocolloid powder/water system

Jenicillin A
(RN) 57607-41-7
(RR) 8069-85-0 (Na salt)
(HM) *PENICILLIN G, PROCAINE
(HM) *PENICILLIN G
(HM) DRUG COMBINATIONS
(NO) contains 75% benzylpenicillin procaine & 25% benzylpenicillin sodium; RN given refers to Pen G-procaine Pen G mixture

jervine
(RN) 469-59-0
(RR) 64047-51-4 (acetate(3beta,23beta)-isomer)
(HM) *VERATRUM ALKALOIDS
(NO) teratogen from Veratrum grandiflorum; RN given refers to parent cpd(3beta,23beta)-isomer; RN for cpd without isomeric designation not in Chemline 7/84; structure

J gene segments, kappa chain
(HM) *IMMUNOGLOBULINS, KAPPA CHAIN
(NO) multiple joining gene segments

JH-BP see juvenile hormone-binding protein

JH esterase see juvenile hormone esterase

JH-149 see cyclopren

Jimson weed seed lectin see Datura stramonium lectin

JMC-181 see JMC 181

JMC 181
(RN) 83964-59-4
(RR) 87395-17-3 ((+-)-isomer)
(RR) 87394-97-6 (HCl(+-)-isomer)
(SY) 2-di-n-propylamino-5,8-dimethoxytetralin
(SY) JMC-181
(HM) *NAPHTHALENES
(NO) RN given refers to parent cpd without isomeric designation; structure given in first source

JM 10
(RN) 41575-93-3
(SY) JM-10
(SY) cis-(2-ethylmalonato)diammineplatinum II
(HM) *ORGANOPLATINUM COMPOUNDS
(PA) RADIATION-SENSITIZING AGENTS
(NO) structure given in first source

JM-10 see JM 10

JM-8 see diammine-1,1-cyclobutane dicarboxylate platinum II

JM 8 see diammine-1,1-cyclobutane dicarboxylate platinum II

JM8 see diammine-1,1-cyclobutane dicarboxylate platinum II

JM-82 see
carboxyphthalato-1,2-diaminocyclohexaneplatinum

Jm82 see
carboxyphthalato-1,2-diaminocyclohexaneplatinum

JM9 see dichlorobis(isopropylamine)dihydroxyplatinum IV

jojoba oil see jojoba wax

jojoba wax
(RN) 61789-91-1
(SY) jojoba oil
(HM) *WAXES
(II) COSMETICS
(II) PLANT EXTRACTS
(NO) from Simmondsia chinensis; consists mainly of long-chain fatty acids & alcohols; used in cosmetics

jolethin
(RN) 34957-08-9
(SY) lecithin-bound iodine
(HM) *PHOSPHATIDYLCHOLINES
(HM) *IODINE

jolkinol A
(RN) 62820-11-5
(SY) 1a,1b,2,3,4,5,7a,8,8a,9,10,10a-dodecahydro-2-hydroxy-6-(hydroxymethyl)-3,8,8,10a-tetramethyl-5-oxo-4aH-cyclopenta(3,4)cyclopropa(8,9)cycloundec(1,2-b)oxiren-4a-yl ester
(HM) *DITERPENES
(II) IRRITANTS
(NO) isolated from callus cultures and roots of Euphorbia lathyris; RN given refers to 1aR-(1aR*,1bR*,2S*,3S*,4aR*,6E,7aR*,8aS*,10aR*)-isomer; RN not in Chemline 11/84; RN from Chemical Abstracts Index

jolkinol B
(RN) 62820-12-6
(SY) 1a,1b,2,3,4,5,7a,8,8a,9,10,10a,-dodecahydro-2-hydroxy-3,6,7,7,10a-pentamethyl-5-oxo-4aH-cyclopenta(3,4)cyclopropa(8,9)cyclounadec(1,2-b)oxiren-4a-yl ester
(HM) *DITERPENES
(II) IRRITANTS
(NO) isolated from callus cultures and roots of Euphorbia lathyris; RN given refers to 1aR-(1aR*,1bR*,2S*,3S*,4aR*(E),6E,7aR*,8aS*,10aR*)-isomer; RN not in Chemline 11/84; RN from Chemical Abstracts Index

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jonctum
(RN) 33996-33-7
(RR) 66267-44-5 ((cis)-isomer)
(SY) N-acetylhydroxyproline
(HM) HYDROXYPROLINE/*analogs
(PA) ANTI-INFLAMMATORY AGENTS
(NO) RN given refers to (trans)-isomer; RN for cpd without isomeric designation not in Chemline 7/84

jonit see bitoscanate

jopamidol see iopamidol

jopargin see VUFB-9244

josamycin propionate
(RN) 31674-19-8
(RR) 51016-68-3 (duplicate RN)
(HM) *LEUCOMYCINS
(NO) in contrast to josamycin which is bitter, the propionate is tasteless & effective

jothlon see 1,3-diiodo-2-propanol

JO 1016 see tixocortol pivalate

JO-1016 see tixocortol pivalate

JP4 aviation fuel
(SY) JP-4
(HM) *HYDROCARBONS
(II) PETROLEUM

JPC 80
(RN) 55273-63-7
(SY) JPC-80
(SY) 4,4'-(dithiobis(methylene))bis(5-ethenyl-2-methyl-3-pyridinol)
(HM) PYRITHIOXIN/*analogs
(NO) potential slow-acting antirheumatoid drug; structure given in first source

JPC-80 see JPC 80

J protein see histidine-binding protein

JP 10
(RN) 2825-82-3
(SY) JP-10
(SY) octahydro-exo-4,7-methano-1H-indene
(HM) *INDANS
(NO) major component of cruise missile fuel; RN given refers to (3aalpha,4beta,7beta,7aalpha)-isomer; RN for cpd without isomeric designation not in Chemline 7/84; structure given in first source

JP-10 see JP 10

JP-4 see JP4 aviation fuel

JP 992 see benfluorex

JSTX see JSTX spider toxin

JSTX spider toxin
(SY) JSTX
(HM) *SPIDER VENOMS
(II) NEUROTOXINS
(NO) neurotoxin from Nephila clavata, Joro spider

JTC-1 see ethylphenylepoxygeranyl ether

JTC 1 see ethylphenylepoxygeranyl ether

juglone
(RN) 481-39-0
(SY) 5-hydroxy-1,4-naphthoquinone
(HM) *NAPHTHOQUINONES
(II) PIGMENTS
(II) FOOD PRESERVATIVES
(NO) structure

juncusol
(RN) 62023-90-9
(HM) *PHENANTHRENES
(PA) ANTINEOPLASTICS, PHYTOGENIC
(NO) cytotoxic dihydro phenanthrene from Estuarian marsh plant Juncus roemerianus; structure

Jung embedding medium see polyacrylamide gels

juvenile hormone analog FMC 23509 see FMC 23509

juvenile hormone-binding protein
(SY) juvenile hormone binding protein
(SY) JH-BP
(SY) juvenile hormone carrier-protein
(HM) *CARRIER PROTEINS
(II) JUVENILE HORMONES

juvenile hormone binding protein see juvenile hormone-binding protein

juvenile hormone carrier-protein see juvenile hormone-binding protein

juvenile hormone esterase
(RN) EC 3.1.1.-
(SY) JH esterase
(HM) *CARBOXYLIC ESTER HYDROLASES

juvenile hormone-I see juvenile hormone I

juvenile hormone I
(RN) 23314-84-3
(RR) 23314-99-0 ((2alpha(2Z,6Z),3alpha)-(+-)-isomer)
(RR) 23314-95-6 ((2alpha(2Z,6E),3alpha)-(+-)-isomer)
(RR) 17941-70-7 ((2alpha(2Z,6Z),3beta)-(+-)-isomer)
(RR) 17941-69-4 ((2alpha(2Z,6E),3beta)-(+-)-isomer)
(RR) 17941-68-3 ((2alpha(2E,6Z),3beta)-(+-)-isomer)
(RR) 17941-67-2 ((2alpha(2E,6E),3beta)-(+-)-isomer)
(RR) 17793-96-3 ((2alpha(2E,6E),3alpha)-(+-)-isomer)
(RR) 22329-86-8 ((2alpha(2E,6E),3beta)-isomer)
(RR) 13804-51-8 ((2R-(2alpha(2E,6E),3alpha))-isomer)
(SY) methyl-7-ethyl-3,11-dimethyl-cis-10,11-oxido-trans,trans-2,6-tridecadienoate
(SY) C18-juvenile hormone
(SY) juvenile hormone-I
(HM) *SESQUITERPENES
(II) JUVENILE HORMONES
(NO) bis-homosquiterpenoid from the silk moth Hyalophora cecropia; RN given refers to cpd with unspecified isomeric designation; juvenile hormone I refers to (2R-(2alpha(2E,6E),3alpha))-isomer; structure

juvenile hormone III
(RN) 5255-04-9
(RR) 38005-88-8 ((S-(E,E))-isomer)
(RR) 32466-63-0 ((Z,E)-isomer)
(RR) 24198-95-6 ((E,E)-(+-)-isomer)
(RR) 22972-83-4 ((?,E)-isomer)
(RR) 22963-93-5 ((R-(E,E))-isomer)
(RR) 5299-11-6 ((E,E)-isomer)
(SY) 10,11-epoxyfarnesenic acid methyl ester
(SY) methyl 10,11-epoxy-3,7,11-trimethyl-2,6-dodecanoate
(HM) *SESQUITERPENES
(II) JUVENILE HORMONES
(NO) RN given refers to cpd without isomeric designation; NM refers to (R-(E,E))-isomer

J2644 see J 2644

J 2644
(RN) 71712-03-3
(SY) J-2644
(SY) J2644
(SY) 2,4-bis(1,1-dimethylethyl)-6-(4-methoxyphenylmethyl)phenol
(HM) *PHENOLS
(PA) CHEMOSTERILANTS

J-2644 see J 2644

J 2931
(RN) 86071-23-0
(SY) J-2931
(SY) 2,4-bis(1,1-dimethylethyl)-6-((4-methoxyphenyl) methyl)-1-methoxybenzene
(HM) *PHENYL ETHERS
(PA) INSECTICIDES
(NO) structure given in first source

J-2931 see J 2931

J 508 see J-508

J-508
(RN) 69659-15-0
(SY) N-methyl-N-propargyl-(1-indanyl)-ammonium.HCl
(SY) J 508
(HM) *ALKYNES
(HM) *INDANS
(PA) MONOAMINE OXIDASE INHIBITORS
(NO) RN given refers to HCl; RN for parent cpd not in Chemline 7/84

KABI 1774 see KABI-1774

KABI-1774
(RN) 4657-20-9
(RR) 33204-77-2 ((trans)-isomer)
(RR) 33204-76-1 ((cis)-isomer)
(SY) Cisobitan
(SY) 2,6-cis-diphenylhexamethylcyclotetrasiloxane
(SY) KABI 1774
(HM) *SILOXANES
(PA) ANDROGEN ANTAGONISTS
(PA) GONADOTROPINS/antag
(II) CONTRACEPTIVES, POSTCOITAL
(II) ESTROGENS, SYNTHETIC
(NO) RN given refers to cpd without isomeric designation; structure

kadsurenone
(RN) 95851-37-9
(HM) *BENZOPYRANS
(PA) PLATELET ACTIVATING FACTOR/antag
(II) PLANT EXTRACTS
(NO) platelet-activating factor receptor antagonist from Chinese herbal plant, haifenteng; structure given in first source; RN given refers to (2s-(2alpha,3beta,3aalpha))-isomer; RN for cpd without isomeric designation not in Chemline 6/85

kaempferol see kempferol

K-X aerosol see Kuan-Xiong

kahweol acetate
(HM) *DITERPENES
(NO) found in coffee; structure given in first source

kainic acid diethyl ester
(RN) 66163-47-1
(HM) KAINIC ACID/*analogs
(NO) RN given refers to (2S-(2alpha,3beta,4beta))-isomer; RN for cpd without isomeric designation not in Chemline 7/84

kainic acid receptor
(SY) kainic acid receptors
(SY) receptor, kainic acid
(HM) *SYNAPTIC RECEPTORS
(II) KAINIC ACID
(II) RECEPTORS, SYNAPTIC
(NO) kainic acid is the pharmacolog analog of glutamate

kainic acid receptors see kainic acid receptor

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kajyoli
(RN) 77847-85-9
(HM) *MERCURY
(II) MEDICINE, AYURVEDIC
(NO) widely used mercurial Ayurvedic drug & principal ingredient of 200 medicines; appx 40% Hg & 49% S by wt; no alkyl or phenyl Hg derivatives detected by gas chromatographic analysis

kalafungin
(RN) 11048-15-0
(SY) nanaomycin D
(HM) NAPHTHOQUINONES
(PA) ANTIBIOTICS, ANTIFUNGAL
(NO) nanaomycin D from Streptomyces rosa & is enantiomer of kalafungin; RN given refers to (3aR-(3aalpha,5alpha,11balpha))-isomer; RN for cpd without isomeric designation not in Chemline 8/4/83; see also nanaomycin C; structure of kalafungin in first source; structure of nanaomycin in second source

kale anaemia factor see methiin

Kalimate see polystyrene sulfonic acid

kalipsol
(SY) calypsol
(HM) *ANESTHETICS
(NO) narcotic anesthetic related to ketamine; produced by Gedeon Richter in Hungary; no other info available 4/1/82

Kallocryl see methylmethacrylate

Kallocryl A see methylmethacrylate

kalmecin
(HM) *DENTAL CAVITY LINING
(NO) no other info available 11/84

Kalziaol see N-2

kamillosan see chamomile

kamizol
(HM) LEVAMISOLE/*analogs
(II) ADJUVANTS, IMMUNOLOGIC
(NO) levamisole analog; no other info available 6/85

kanamycin 6'-acetyltransferase
(RN) EC 2.3.1.55
(RR) 62213-49-4 (CRN)
(SY) acetyl-CoA-kanamycin N(6')-acetyltransferase
(HM) *ACETYLTRANSFERASES

kanamycin B see bekanamycin

kanamycin kinase
(RN) EC 2.7.1.95
(RR) 62213-36-9 (CRN)
(SY) kanamycin-neomycin phosphate transferase
(SY) aminoglycoside phosphotransferase
(SY) aminocyclitol phosphotransferase
(SY) amikacin 3'-phosphotransferase
(SY) neomycin phosphotransferase II
(SY) viomycin phosphotransferase
(SY) neomycin phosphotransferase
(SY) hygromycin B phosphotransferase
(HM) *PHOSPHOTRANSFERASES, ATP
(NO) substrate KANAMYCIN may be replaced by NEOMYCIN or other antibiotics as appropriate

kanamycin-neomycin phosphate transferase see kanamycin kinase

Kanechlors
(HM) *POLYCHLOROBIPHENYL COMPOUNDS
(NO) mixture of chlorobiphenyls; RN in Chemline for Kanechlor C: 59299-51-3; RN for Kanechlor 200: 37353-62-1; RN for Kanechlor 600: 37353-64-3; RN for Kanechlor 300: 37353-63-2; RN for Kanechlor 500: 37317-41-2; cpd not in Chemline 8/4/83

Kanechlor 400 see KC 400

kanendomycin see bekanamycin

kanosamine
(RN) 576-44-3
(SY) 3-amino-3-deoxyglucose
(HM) GLUCOSAMINE
(PA) ANTIBIOTICS
(II) ISOMERISM
(NO) isomer of glucosamine; produced by Streptomyces lansus DIETZ & Li sp. nov.

K antigen
(SY) K antigens
(SY) K-AQK1
(SY) K5 antigen
(SY) antigen, K
(SY) K1 antigen
(SY) K13 antigen
(SY) Kx antigen
(SY) K54 antigen
(HM) *SURFACE ANTIGENS
(II) ANTIGENS, BACTERIAL
(NO) from patients with acute diarrhea; K-AQK1 from Vibrio parahaemolyticus AQ-3206; also from ragweed & E coli

K14 antigen polysaccharide see K14 polysaccharide

K antigens see K antigen

K1 antigen see K antigen

K13 antigen see K antigen

K5 antigen see K antigen

K54 antigen see K antigen

K88 antigen
(SY) antigen, K88
(SY) E coli K88 pilus antigen
(HM) *SURFACE ANTIGENS
(II) ANTIGENS, BACTERIAL
(II) ESCHERICHIA COLI
(NO) strains of E coli which cause neonatal diarrhoea in the pig are characterized by the possession of the above surface antigen

K99 antigen
(SY) antigen, K99
(HM) *SURFACE ANTIGENS
(II) HEMAGGLUTININS
(NO) pilus-like protein surface antigen associated with enterotoxigenic E coli diarrhea

Kaopectate
(RN) 8047-39-0
(HM) *KAOLIN
(HM) *PECTINS
(HM) DRUG COMBINATIONS

Kaoprompt H
(RN) 81859-23-6
(HM) *KAOLIN
(HM) *PECTINS
(HM) *BENTONITE
(HM) DRUG COMBINATIONS
(PA) ANTIDIARRHEALS
(NO) pectin mixed with bentonite and kaolin

KAO-264 see mazaticol

kappa-casein component see kappa-casein glycomacropeptide

kappa-casein component P5 see kappa-casein glycomacropeptide

kappa-casein glycomacropeptide
(SY) kappa-casein component
(SY) kappa-casein component P5
(HM) *GLYCOPEPTIDES
(HM) *CASEINS

kappa casein kinase see casein kinase

kappa opiate receptor see kappa receptor

kappa receptor
(SY) ketocyclazocine receptor
(SY) kappa receptors
(SY) receptor, kappa
(SY) ketocyclazocine receptors
(SY) receptor, ketocyclazocine
(SY) kappa opiate receptor
(SY) kappa 2 receptor
(SY) ethylketocyclazocine receptor
(HM) *RECEPTORS, ENDORPHIN
(NO) ketocyclazocine is a prototype agonist of kappa opioid receptor

kappa receptors see kappa receptor

kappa 2 receptor see kappa receptor

K-AQK1 see K antigen

karabemycin
(HM) PEPTIDES
(PA) ANTIBIOTICS
(NO) isolated from Streptomyces sp. AM-6424; MF: C15-H24-N4-O6; contains one mol each of valine, alanine and an unknown amino acid

kartox
(RN) 72907-72-3
(SY) kartox 50
(HM) *LINDANE
(HM) *THIOCARBAMATES
(PA) INSECTICIDES
(NO) combination of lindane & cartap

kartox 50 see kartox

kassinin
(RN) 63968-82-1
(SY) alpha-Asp-Val-Pro-Lys-Ser-alpha-Asp-Gln-Phe-Val-Gly-Leu-Met-amide
(HM) *OLIGOPEPTIDES
(NO) tachykinin dodecapeptide

katacalcin
(HM) *CALCITONIN
(HM) *PEPTIDE FRAGMENTS

katamin AB see catamine AB

kathon biocide see kathon 886

kathon 886 biocide see kathon 886

Kathon CG see kathon 886

kathon 886
(RN) 55965-84-9
(RR) 70294-89-2 (Kathon CG)
(SY) kathon 886 biocide
(SY) kathon biocide
(SY) Kathon CG
(HM) *THIAZOLES
(PA) MUTAGENS
(II) PRESERVATIVES, PHARMACEUTICAL
(NO) industrial biocide & cosmetic preservative formulation

katovit see prolintane

Katoxyn
(SY) Katoxyn spray
(HM) *BENZOYL PEROXIDE
(HM) *SILVER
(HM) DRUG COMBINATIONS
(II) AEROSOLS
(NO) combination of above cpds used in burn therapy

Katoxyn spray see Katoxyn

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K ATPase
(RN) EC 3.6.1.-
(SY) potassium ATPase
(HM) *ADENOSINE TRIPHOSPHATASE

K H ATPase see potassium hydrogen ATPase

KAuBr4 see gold tetrabromide, acid

Kavain
(RN) 1635-33-2
(RR) 40610-16-0 ((+-)-isomer)
(RR) 19902-88-6 ((R)-isomer)
(RR) 500-64-1 ((R-(E))-isomer)
(RR) 3155-48-4 ((E)-(+-)-isomer)
(SY) kavaine
(HM) *PYRONES
(NO) RN given refers to cpd without isomeric designation; see also kavaform; structure

kavaine see Kavain

kaviston see ethyl apovincaminate

Kayexalate see polystyrene sulfonic acid

kazusamycin
(RN) 92090-94-3
(SY) hydroxyelactocin
(SY) PD 114,721
(SY) PD-114721
(HM) FATTY ACIDS, UNSATURATED
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) from Streptomyces sp.No. 81-484

KA-161 see KA 161

KA 161
(RN) 69542-89-8
(SY) 2,4-dinitroimidazole-1-ethanol
(SY) KA-161
(HM) *NITROIMIDAZOLES
(PA) RADIATION-SENSITIZING AGENTS
(NO) structure

Ka-2527 see metaclazepam

Ka 2527 see metaclazepam

KA 5685 see saccharocin

KA-5685 see saccharocin

KA 6606 see sporaricins

KBH4 see potassium borohydride

KBT 1585
(RN) 80734-02-7
(SY) KBT-1585
(HM) AMPICILLIN/*analogs
(NO) structure given in first source

KBT-1585 see KBT 1585

KB-1043 see KB 1043

KB 1043
(RN) 67273-43-2
(SY) 2-(5-ethylpyridin-2-yl)benzimidazole
(SY) KB-1043
(HM) *BENZIMIDAZOLES
(PA) ANTI-INFLAMMATORY AGENTS
(NO) structure in first source

KB 227 see tramazoline

KB 2413
(RN) 87233-62-3
(SY) KB-2413
(SY) 1-(2-ethoxyethyl)-2-(4-methyl-1-homopiperazinyl) benzimidazole difumarate
(HM) *BENZIMIDAZOLES
(PA) HISTAMINE H1 RECEPTOR BLOCKADERS
(NO) structure given in first source

KB-2413 see KB 2413

KB-509 see KB 509

KB 509
(RN) 25967-29-7
(SY) 7-chloro-1-cyclopropylmethyl-1,3-dihydro-5-(2-fluorophenyl)-2H-1,4-benzodiazepin-2-one
(SY) KB-509
(SY) flutoprazepam
(HM) *BENZODIAZEPINONES
(PA) ANTICONVULSANTS

KB 944 see fosfedil

KB-944 see fosfedil

K Ca ATPase see calcium potassium ATPase

K 76 carboxylic acid
(RN) 71117-22-1
(SY) K-76 sodium carboxylate
(SY) K-76 COONa
(SY) K 76 COOH
(HM) *SESQUITERPENES
(PA) COMPLEMENT INACTIVATORS
(NO) effective in blocking formation of chemotactic factor for tumor cells from human complement; oxidized product of sesquiterpene derivative K 76 from fungus Stachybotrys complementi; do not confuse with hydroxamic acid K-76

K-carrageenan receptors see carrageenan receptor

KCASO see potassium cardioplegic solution

KCD 232
(RN) 63608-11-7
(SY) KCD-232
(SY) 4-(4'-chlorobenzyloxy)benzyl nicotinate
(HM) *NICOTINIC ACIDS
(PA) ANTILIPEMIC AGENTS
(NO) RN given from Toxline; RN not in Chemline 9/84; structure given in first source

KCD-232 see KCD 232

K-18 conjugate
(HM) *GAMMA GLOBULINS
(HM) *MELPHALAN
(HM) DRUG COMBINATIONS
(PA) ANTINEOPLASTIC AGENTS
(NO) combination of above cpds; used with hyperthermia for treatment of Lewis lung carcinoma

K 76 COOH see K 76 carboxylic acid

K-76 COONa see K 76 carboxylic acid

KC-046 see teopranitol

KC 046 see teopranitol

KC-2450 see exepanol

KC 2450 see exepanol

KC 3791
(RN) 85793-29-9
(SY) KC-3791
(HM) *PROPANOLAMINES
(PA) ANTI-ARRHYTHMIA AGENTS

KC-3791 see KC 3791

KC 400
(RN) 12737-87-0
(SY) KC-400
(SY) Kanechlor 400
(HM) *POLYCHLOROBIPHENYL COMPOUNDS
(NO) mixture of polychlorinated biphenyls

KC-400 see KC 400

KC-404 see KC 404

KC 404
(RN) 50847-11-5
(SY) 3-isobutyryl-2-isopropylpyrazolo(1,5-a)pyridine
(SY) KC-404
(HM) *PYRIDINES
(PA) VASODILATOR AGENTS
(NO) structure in first source

KC5103 see tifluadom

KC 5103 see tifluadom

KC 5944
(SY) KC-5944
(SY) 1,2,3,4,4a,5-hexahydro-3-methyl-7-(2-thienyl)-pyrazino-(1,2a)(1,4)-benzodiazepine
(HM) *BENZODIAZEPINES
(PA) TRANQUILIZING AGENTS, MAJOR
(NO) structure given in first source

KC-5944 see KC 5944

KC 6141 see KC-6141

KC-6141
(RN) 51941-16-3
(SY) 1-methyl-2-mercapto-5-(3-pyridyl)imidazole
(SY) KC 6141
(HM) *IMIDAZOLES
(NO) anti-aggregating cpd used in therapy of exp thrombosis

KC 9147 see tolciclate

48-kDa rod outer segment protein
(SY) 48-kDa ROS
(HM) *EYE PROTEINS
(II) MEMBRANE PROTEINS
(NO) MW 48,000 Da; do not confuse with G-protein, ROS

48-kDa ROS see 48-kDa rod outer segment protein

K-dependent carboxylase see glutamyl carboxylase

24-KDHVD3 see 1,25-dihydroxy-24-oxo-vitamin D3

15-KDK-PGε1 see
15-keto-13,14-dihydro-6-ketoprostaglandin E1

2-KDOP-synthetase see 3-deoxy-D-manno-octulosonic acid-8-phosphate synthetase

KD 983 see KD-983

KD-983
(RN) 50597-63-2
(SY) chinoin 108
(SY) N-(3,3-diphenylpropyl)-N'-(1-methyl-2-phenylethyl)-1,3-propanediamine
(SY) KD 983
(HM) *DIAMINES
(PA) ANTI-ARRHYTHMIA AGENTS
(NO) RN given refers to di-HCl; RN for parent cpd not in Chemline 6/20/83; structure in first source

K+(EDTA) ATPase see EDTA-ATPase

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kelatorphan
(SY) (3-(N-hydroxy)carboxamido-2-benzylpropanoyl) alanine
(HM) *DIPEPTIDES
(PA) ANALGESICS
(NO) inhibitor of enkephalin metabolism; structure given in first source

kelevan
(RN) 4234-79-1
(SY) GC-9160
(SY) despirol
(SY) Elevat
(HM) *HYDROCARBONS, CHLORINATED
(PA) INSECTICIDES, ORGANOCHLORINE

kelfiprim
(RN) 50933-06-7
(HM) *TRIMETHOPRIM
(HM) *SULFALENE
(HM) DRUG COMBINATIONS
(NO) combination of trimethoprim & sulfametopyrazine

kell-active protein K1 see kell-active proteins

kell-active protein K2 see kell-active proteins

kell-active protein K22 see kell-active proteins

kell-active protein K7 see kell-active proteins

kell-active proteins
(SY) kell-active protein K1
(SY) kell-active protein K2
(SY) kell-active protein K7
(SY) kell-active protein K22
(HM) *ANTIGENS, SURFACE
(II) GLYCOPROTEINS
(II) KELL BLOOD-GROUP SYSTEM
(NO) isolated from red cell surface proteins MW appr. 93,000

kelocyanor see cobalt-ethylenediamine tetraacetic acid chelate

kempferol
(RN) 520-18-3
(SY) 3,4',5,7-tetrahydroxyflavone
(SY) kaempferol
(HM) *FLAVONES

kemptide
(RN) 65189-71-1
(SY) leucyl-arginyl-arginyl-alanyl-seryl-leucyl-glycine
(SY) Leu-Arg-Arg-Ala-Ser-Leu-Gly
(HM) *OLIGOPEPTIDES
(NO) heptapeptide used as substrate for cAMP dependent protein kinase

kenazepine
(RN) 75887-99-9
(SY) 1-(2-bromoacetamidoethyl)-7-chloro-1,3-dihydro-5-(2-fluorophenyl)-2H-1,4-benzodiazepine-2-one
(SY) Ro 71986-1
(HM) *BENZODIAZEPINONES
(PA) ANTICONVULSANTS
(NO) benzodiazepine cpd containing functional alkylating moiety; structure given in first source

kentsin
(RN) 56767-30-7
(SY) Thr-Pro-Arg-Lys
(SY) contraceptive tetrapeptide
(SY) threonyl-prolyl-arginyl-lysine
(SY) contraceptive polypeptide
(HM) *OLIGOPEPTIDES
(II) CONTRACEPTIVE AGENTS

keoxifene see LY 139481

Keracryl-7
(RN) 80042-33-7
(HM) *POLYMERS
(II) DENTAL MATERIALS
(NO) polymer used for manufacture of acrtificial tooth; no other information available 6/5/81

keracyanin
(RN) 18719-76-1
(SY) cyanidin chloride 3-rhamnoglucoside
(SY) cyaninoside chloride
(SY) meralops
(HM) *BIOFLAVONOIDS

Keralyt
(HM) *PROPANEDIOLS
(HM) *SALICYLIC ACIDS
(HM) DRUG COMBINATIONS
(PA) KERATOLYTIC AGENTS
(NO) consists of 6% salicylic acid in propylene glycol

kerasin
(RN) 536-13-0
(SY) beta-D-galactosyl-N-(n-acyl)-D-sphingosine
(SY) cerasine
(HM) *CEREBROSIDES
(NO) RN & N1 from 9th CI

keratan-N-acetylglucosamiayltransferase see UDP-N-acetyiglucosamine-keratan-N-acetylglucosaminyltransferase

keratanase see endo-beta-galactosidase

keratan-galactosyltransferase see UDPgalactose-keratan galactosyltransferase

keratan sulfate proteoglycan
(SY) proteokeratan sulfate
(SY) proteochondroitin-4-keratan sulfate
(SY) protein chondroitin keratan sulfate
(HM) *PROTEOCHONDROITIN SULFATES
(HM) *KERATAN SULFATE
(NO) failure to synthesize a mature keratan sulfate proteoglycan results in mascular corneal dystrophy

keratan sulfotransferase
(RN) EC 2.8.2.-
(SY) keratan sulfurtransferase
(HM) *SULFURTRANSFERASES

keratan sulfurtransferase see keratan sulfotransferase

keratinase
(RN) EC 3.4.-
(SY) keratinolytic proteinase
(HM) *PEPTIDE HYDROLASES

keratinolytic proteinase see keratinase

keratohyalin
(HM) *KERATIN
(II) RNA
(II) HYALIN SUBSTANCE

keratolinin
(HM) *PROTEIN PRECURSORS
(HM) *INTERMEDIATE FILAMENT PROTEINS
(NO) soluble substrate of epidermal transglutaminase from human & bovine tissue; MW 36,000; ultimately polymerizes on inner leaflet of keratinocyte membrane to form cornified envelope; see also related records for involucrin, stratum corneum basic protein precursor & prekeratin

Kerb see pronamide

kerodex
(RN) 12624-08-7
(SY) kerodex 71
(SY) kerodex 51
(HM) *DERMATOLOGIC AGENTS
(NO) skin barrier cream for protection against potentially irritating chemicals; 71 is water repellant & 51 is for dry or oily agents

kerodex 51 see kerodex

kerodex 71 see kerodex

Kerr pit and fissure sealant see bis(phenol A-glycidyl methacrylate)

Kerr sealer see bis(phenol A-glycidyl methacrylate)

Ketac-cem
(RN) 86473-14-5
(HM) *ZINC OXIDE
(HM) *MAGNESIUM OXIDE
(HM) *POLYCARBOXYLATE CEMENT
(NO) combination powder of zinc oxide & magnesium oxide in ratio of 19:1, together with freeze dried powder of unsaturated alpha,beta-dicarboxylic acids, predominantly polymaleic, in aqueous tartaric acid

Ketac-Fil
(RN) 89493-19-6
(HM) *GLASS IONOMER CEMENTS
(HM) *MALEATES
(NO) glass ionomer cement containing a maleic acid polymer; used in dental restorations

ketanserin
(RN) 74050-98-9
(RR) 84001-70-7 (tartrate(R-(R*,R*))-isomer)
(SY) R 41 468
(SY) R 41468
(HM) *PIPERIDINES
(PA) ANTIHYPERTENSIVE AGENTS
(PA) SEROTONIN ANTAGONISTS
(NO) RN given refers to cpd without isomeric designation; structure

ketanserinol see R 46,742

Ketaset Plus
(HM) *KETAMINE
(HM) *PROMAZINE
(HM) *BENZHYDRYL COMPOUNDS
(HM) DRUG COMBINATIONS
(NO) combination anesthesia for cats of ketamine, promazine & aminopentamide hydrogen sulfate

ketazocine
(RN) 36292-69-0
(RR) 71697-06-8 (mesylate(2S-(2alpha,6alpha,11S*))-isomer)
(RR) 64023-98-9 (mesylate(2alpha,6alpha,11S*)-(+-)-isomer)
(RR) 58640-83-8 ((2alpha,6alpha,11S*)-(+-)-isomer)
(RR) 40281-08-1 (HCl(2alpha,6alpha,11S*)-isomer)
(RR) 36304-71-9 ((2alpha,6alpha,11S*)-isomer)
(SY) (+)-3-(cyclopropylmethyl)-8-keto-5-(eq)-9-(ax)-dimethyl-6,7-benzomorphan
(SY) ketocyclazocine
(SY) ketazocine methanesulfonate
(HM) CYCLAZOCINE/*analogs
(NO) RN given refers to parent cpd(2S-(2alpha,6alpha,11S*))-isomer; RN for cpd without isomeric designation not in Chemline 7/84

ketazocine methanesulfonate see ketazocine

ketazolam
(RN) 27223-35-4
(SY) U 28,774
(SY) MI 49001
(SY) Solatran
(HM) *BENZODIAZEPINONES
(PA) BENZODIAZEPINE TRANQUILIZERS
(NO) structure

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kethocal see kethoxal

kethoxal
(RN) 27762-78-3
(SY) 3-ethoxy-2-oxobutyraldehyde
(SY) kethocal
(HM) *ALDEHYDES
(PA) ANTIVIRAL AGENTS
(NO) modifies guanine containing oligoribonucleotides by reacting selectively with guanine in polynucleotides; structure

ketoACE see compound 20

3-ketoacid CoA-transferase
(RN) EC 2.8.3.5
(RR) 9027-43-4 (CRN)
(SY) succinyl-CoA-3-keto-acid Co-A transferase
(SY) succinyl CoA-acetoacetate CoA transferase
(SY) 3-oxo-acid CoA-transferase
(SY) acetoacetate-succinate CoA transferase
(SY) thiophorase
(SY) 3-oxo-CoA transferase
(HM) *SULFURTRANSFERASES

ketoacyl reductase see 3-oxoacyl-(acyl-carrier-protein) reductase

2-ketoadipate reductase
(RN) EC 1.1.1.172
(HM) *ALCOHOL OXIDOREDUCTASES

3-ketoadipic see 3-oxoadipic acid

2-ketoaldehyde dehydrogenase see 2-oxoaldehyde dehydrogenase

3-keto-5-aminohexanoate cleavage enzyme
(RN) EC 4.1.3.-
(HM) *KETOACID-LYASES
(NO) converts 3-keto-5-aminohexanoate & acetyl CoA reversibly to L-aminobutyrylCoA & acetoacetate

16-ketoandrostenediol see 3 beta,17 beta-dihydroxyandrost-5-en-16-one

11-ketoandrosterone
(RN) 1231-82-9
(HM) ANDROSTERONE/*analogs
(NO) RN given refers to (3alpha,5alpha)-isomer; RN for cpd without isomeric designation not in Chemline 7/84

3-ketoanguidin
(RN) 2269-44-5
(HM) *TRICHOTHECENES
(PA) ANTINEOPLASTIC AGENTS
(NO) Rn & structure given in first source; RN not in Chemline 8/85

ketobemidone
(RN) 469-79-4
(RR) 5965-49-1 (HCl)
(SY) cetobemidon
(SY) 1-(4-(m-hydroxyphenyl)-1-methyl-4-piperidyl)-1-propanone
(HM) MEPERIDINE/*analogs
(PA) ANALGESICS, ADDICTIVE
(NO) RN given refers to parent cpd; structure

2-keto-3-butynoic acid
(RN) 56842-75-2
(SY) 2-oxo-3-butynoate
(HM) *FATTY ACIDS, UNSATURATED

2-ketobutyrate see alpha-ketobutyric acid

3-ketobutyrate see acetoacetic acid

2-ketobutyric acid see alpha-ketobutyric acid

ketocaine
(RN) 1092-46-2
(SY) 2'-(2-(diisopropylamino)ethoxy)butyrophenone
(SY) A 2174
(SY) 1-(2-(2-(bis(1-methylethyl)amino)ethoxy)phenyl)-1-butanone
(SY) A 2337
(HM) *BUTYROPHENONES
(PA) ANESTHETICS, LOCAL
(NO) A 2337 contains 10% ketocaine; structure

2-ketocaproate see alpha-ketocaproic acid

3-ketocarbofuran
(RN) 16709-30-1
(HM) *CARBOFURAN/analogs

10-ketocholecalciferol see 10-ketovitamin D3

22-ketocholesterol
(RN) 19243-30-2
(RR) 59532-47-7 ((3beta,20R)-isomer)
(SY) 22-oxocholesterol
(HM) CHOLESTEROL/*analogs
(NO) RN given refers to (3beta)-isomer; RN for cpd without isomeric designation not in Chemline 8/4/83

7-ketocholesterol
(RN) 566-28-9
(SY) 5-cholesten-3 beta-ol-7-one
(SY) 3beta-hydroxy-5-cholestene-7-one
(SY) 7-oxocholesterol
(HM) *KETOCHOLESTEROLS
(NO) inhibits uptake of cholesterol in rabbit aorta

ketocyclazocine see ketazocine

ketocyclazocine receptor see kappa receptor

ketocyclazocine receptors see kappa receptor

4-ketocyclophosphamide
(RN) 27046-19-1
(RR) 69580-11-6 ((R)-isomer)
(RR) 69580-12-7 ((S)-isomer)
(HM) CYCLOPHOSPHAMIDE/*analogs
(NO) metabolite of cyclophosphamide; RN given refers to cpd without isomeric designation; structure

19-keto-delta(4) androstene-3,17-dione see 19-oxo-delta(4) androstene-3,17-dione

7-ketodeoxycholic acid
(RN) 911-40-0
(RR) 28332-51-6 ((3alpha,12alpha)-isomer)
(SY) 7-oxodeoxycholic acid
(SY) 3 alpha,12 alpha-diol-7-one-5 beta-cholanoic acid
(SY) 3 alpha,7 alpha-dihydroxy-7-keto-5 beta-cholanoic acid
(HM) DEOXYCHOLIC ACID/*analogs
(NO) RN given refers to (3 alpha,5 beta,12 alpha)-isomer; RN for cpd without isomeric designation not in Chemline 8/4/83

8-ketodeoxycoformycin
(RN) 69196-03-8
(HM) *COFORMYCIN/analogs
(NO) RN given in first source; RN not in Chemline 6/85

2-keto-3-deoxy-L-fuconate:NAD oxidoreductase
(RN) EC 1.1.1.-
(HM) SUGAR ACIDS
(HM) *SUGAR ALCOHOL DEHYDROGENASES
(HM) FUCOSE/analogs

2-keto-3-deoxygalactonate-6-phosphate aldolase see 6-phospho-2-keto-3-deoxy-galactonate aldolase

2-keto-3-deoxygluconate aldolase
(RN) EC 4.1.2.-
(HM) *ALDEHYDE-LYASES
(NO) forms pyruvate & glyceraldehyde

2-keto-3-deoxygluconate oxidoreductase see 3-deoxy-D-glycero-2,5-hexodiulosonate

2-keto-3-deoxygluconate
(RN) 17510-99-5
(SY) 3-deoxy-2-oxo-D-gluconate
(HM) *GLUCONATES

2-keto-3-deoxyoctonate-8-phosphate synthetase see 3-deoxy-D-manno-octulosonic acid-8-phosphate synthetase

2-keto-3-deoxyoctonate
(RN) 1069-03-0
(RR) 10149-14-1 ((D-manno)-isomer)
(RR) 5745-94-8 (ion(1-),(D)-isomer)
(SY) 3-deoxy-D-mannoctulosonate
(SY) 2-keto-3-deoxyoctulosonic acid
(SY) 3-deoxy-D-mannooctulosonate
(SY) 3-deoxy-D-manno-octulosonic acid
(SY) 3-deoxy-alpha-D-manno-2-octulosonic acid
(HM) *SUGAR ACIDS

2-keto-3-deoxyoctulosonic acid see 2-keto-3-deoxyoctonate

2-keto-3-deoxy-L-pentonate aldolase
(RN) EC 4.1.2.18
(SY) 3-deoxy-D-pentulosonic acid aldolase
(SY) 2-keto-3-deoxy-D-xylonate aldolase
(HM) *ALDEHYDE-LYASES

2-keto-3-deoxy-6-phosphogluconate aldolase see phospho-2-keto-3-deoxy-gluconate aldolase

ketodeoxyuronate dehydrogenase see 3-deoxy-D-glycero-2,5-hexodiulosonate

2-keto-3-deoxy-D-xylonate aldolase see 2-keto-3-deoxy-L-pentonate aldolase

3-ketodesogestrel see 3-oxodesogestrel

ketodextran oxime
(RN) 51194-97-9
(HM) *DEXTRANS
(NO) structure given in first source

15-keto-13,14-dihydro-6-ketoprostaglandin E1
(SY) 15-KDK-PGE1
(HM) ALPROSTADIL/*analogs
(NO) metabolite of prostacyclin

15-keto-13,14-dihydro-PGE2 see 15-keto-13,14-dihydroprostaglandin E2

15-keto-13,14-dihydro-PGF2alpha see 15-keto-13,14-dihydroprostaglandin F2alpha

15-keto-13,14-dihydro-prostaglandin F2alpha see 15-keto-13,14-dihydroprostaglandin F2alpha

15-keto-13,14-dihydroprostaglandin F2alpha
(RN) 27376-76-7
(SY) 13,14-dihydro-15-ketoprostaglandin F2alpha
(SY) 15-keto-13,14-dihydro-PGF2alpha
(SY) 13,14-dihydro-15-oxoprostaglandin F
(SY) DHK-PGF2alpha
(SY) 13,14-dihydro-15-keto-PGF2alpha
(SY) 13,14-dihydro-15-ketoprostaglandin F
(SY) 15-keto-13,14-dihydro-prostaglandin F2alpha
(HM) *PROSTAGLANDINS F
(NO) main metabolite of PGF2alpha in plasma after allergen provoked asthma; RN given refers to (5Z,9alpha,11alpha)-isomer; RN for cpd without isomeric designation not in Chemline 7/84; structure

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15-keto-13,14-dihydroprostaglandin E2
(RN) 363-23-5
(RR) 33698-07-6 ((11alpha)-isomer)
(SY) 13,14-dihydro-15-keto-PGE2
(SY) 13,14-dihydro-15-ketoprostaglandin E2
(SY) KH(2)PGE(2)
(SY) 15-keto-13,14-dihydro-PGE2
(SY) PGEM
(HM) *PROSTAGLANDINS E
(NO) RN given refers to (5Z,11alpha)-isomer; structure in first source

ketodihydrosphingosine
(RN) 16105-69-4
(RR) 18944-28-0 ((S)-isomer)
(RR) 16105-65-0 ((+-)-isomer)
(SY) 1-hydroxy-2-amino-3-oxo-octadecane
(SY) 3-ketosphinganine
(HM) SPHINGOSINE/*analogs
(NO) RN given refers to cpd without isomeric designation

3-ketodihydrosphingosine synthetase
(RN) EC 4.1.3.-
(HM) *KETOACID-LYASES
(NO) serine & palmitoyl-CoA yields 3-ketodihydrosphingosine & CO2

9-keto-11,15-dihydroxy-16-phenoxy-17,18,19,20-tetranorprosta-4,5,13-trienoic acid methyl ester see enprostil

23-keto-1,25-dihydroxyvitamin D3 see 1,25-dihydroxy-23-oxo-vitamin D3

24-keto-1,25-dihydroxyvitamin D3 see 1,25-dihydroxy-24-oxo-vitamin D3

12-ketoendrin
(RN) 28548-08-5
(RR) 56298-23-8 (unspecified isomeric cpd)
(HM) ENDRIN/*analogs
(PA) INSECTICIDES, ORGANOCHLORINE
(NO) structure in first source

1-ketoestazolam see 1-oxoestazolam

16-ketoestradiol
(RN) 566-75-6
(RR) 51267-03-9 (4-(14)C-labeled cpd(17beta)-isomer)
(RR) 6199-65-1 ((17alpha)-isomer)
(SY) 16-oxoestradiol
(HM) ESTRADIOL/*analogs
(NO) RN given refers to (17beta)-isomer; RN for cpd without isomeric designation not in Chemline 7/84

17-(1-ketoethyl)androstane-3,17-diol see 17-hydroxypregnanolone

11-ketoetiocholanolone
(RN) 739-27-5
(SY) 11-oxoetiocholanolone
(HM) ETIOCHOLANOLONE/*analogs
(NO) RN given refers to (3alpha,5beta)-isomer; RN for cpd without isomeric designation not in Chemline 7/84

17-ketogenic steroids see 17-oxogenic steroids

Ketogin
(HM) MEPERIDINE/*analogs
(HM) *ALLYLAMINE/analogs
(HM) DRUG COMBINATIONS
(NO) contains ketobemidone & N,N-dimethyl-3,3-diphenyl-1-methylallylamine

2-ketogalactose see galactosone

2-ketogluconate
(RN) 20248-27-5
(RR) 28126-56-9 (cpd with unspecified locants, mono-K salt)
(RR) 14984-38-4 (mono-Na salt)
(RR) 669-90-9 ((D)-isomer)
(RR) 3470-37-9 (Ca salt[2:1](D)-isomer)
(RR) 1186-94-3 (mono-K salt(D)-isomer)
(SY) 2-oxogluconate
(SY) 2-ketogluconic acid
(HM) *GLUCONATES
(NO) RN given refers to parent cpd without isomeric designation

2-ketogluconic acid see 2-ketogluconate

2-ketoglutarate-glyoxylate carboligase see 2-hydroxy-3-oxoadipate carboxylase

2-ketoglutarate see alpha-ketoglutaric acid

2-ketoglutaric acid see alpha-ketoglutaric acid

8-ketoguanosine 2'-phosphate see 8-oxoguanosine 2'-phosphate

3'-ketohexobarbital
(RN) 427-30-5
(RR) 77117-80-7 ((S)-isomer)
(RR) 77117-79-4 ((R)-isomer)
(RR) 38241-42-8 ((14)C-labeled cpd)
(SY) 3'-ketohexobarbitone
(SY) 3-KHXB
(HM) HEXOBARBITAL/*analogs
(NO) RN given refers to unlabeled cpd without isomeric designation

3'-ketohexobarbitone see 3'-ketohexobarbital

2-keto-4-hydroxyglutarate aldolase see 4-hydroxy-2-oxoglutarate aldolase

2-keto-4-hydroxyglutarate glyoxylate-lyase see 4-hydroxy-2-oxoglutarate aldolase

2-keto-4-hydroxyglutarate
(RN) 1187-99-1
(RR) 32739-14-3 ((+-)-isomer)
(HM) *KETOGLUTARIC ACIDS
(NO) RN given refers to parent cpd

4-keto-6-hydroxyheptanoic acid see 4-oxo-6-hydroxyheptanoic acid

10-keto-25-hydroxyvitamin D3
(SY) 25-hydroxy-10-oxocholecalciferol
(SY) 25-hydroxycholecalciferol-10-one
(SY) 10-KHVD
(HM) CALCIFEDIOL/*analogs

23-keto-25-hydroxyvitamin D3
(RN) 83353-84-8
(SY) 25-hydroxy-23-oxocholecalciferol
(SY) 25-hydroxy-23-oxovitamin D3
(HM) *HYDROXYCHOLECALCIFEROLS
(NO) vitamin D3 metaqolite with high affinity for 1,25-dihydroxyvitamin D3 receptor; RN Given refers to (3beta,5Z,7E)-isomer; RN for cpd without isomeric designation not in Chemline 7/84

24-keto-25-hydroxyvitamin D3 see 25-hydroxy-24-oxocholecalciferol

4-ketoifosfamide
(RN) 42436-20-4
(RR) 84681-42-5 ((S)-isomer)
(HM) IFOSFAMIDE/*analogs
(NO) RN given refers to cpd without isomeric designation

2-ketoisocaproate oxygenase see alpha-ketoisocaporate oxygenase

2-ketoisocaproate see alpha-ketoisocaproic acid

2-ketoisovalerate see alpha-ketoisovalerate

ketol-acid reductoisomerase
(RN) EC 1.1.1.86
(RR) 9075-02-9 (CRN)
(SY) isomeroreductase
(SY) hydroxyacid reductoisomerase
(SY) dihydroxyisovalerate dehydrogenase (isomerizing)
(SY) alpha-acetohydroxyacid isomeroreductase
(HM) *ALCOHOL OXIDOREDUCTASES
(NO) substrate VALERATES may be replaced by other hydroxy acids as appropriate; dihydroxyisovalerate dehydrogenase (isomerizing) was classified as EC 1.1.1.89 (72-75)

3-ketolactose
(RN) 15990-62-2
(HM) LACTOSE/*analogs

ketoleucine see alpha-ketoisocaproic acid

7-ketolithocholic acid
(RN) 4651-67-6
(RR) 51446-78-7 ((3beta,5alpha)-isomer)
(SY) 3 alpha-ol-7-one-5 beta-cholanoic acid
(SY) 3 alpha-hydroxy-7-keto-5 beta-cholanoate
(HM) LITHOCHOLIC ACID/*analogs
(PA) CHOLAGOGUES AND CHOLERETICS
(NO) RN given refers to (3alpha,5beta)-isomer; RN for cpd without isomeric designation not in Chemline 8/4/83

2-keto-4-mercaptobutyric acid
(RN) 4273-28-3
(SY) alpha-keto-gamma-mercaptobutyric acid
(SY) KMBA
(HM) *BUTYRIC ACIDS
(NO) homocysteine metabolite; structure given in first source

ketomethine
(HM) *METHIONINE
(HM) *COBALT
(HM) DRUG COMBINATIONS
(NO) combination of methionine, cobaltous bichloride, and propylene glycol; used in treatment of hypoglycemia in animals

ketomethylene analog of Bz-Phe-Gly-Pro see compound 20

2-keto-4-methylthiobutyric acid
(RN) 583-92-6
(RR) 51828-98-9 (Ca salt)
(RR) 51828-97-8 (mono-Na salt)
(SY) alpha-ketomethionine
(SY) alpha-keto-gamma-methiolbutyrate
(SY) 4-methylthio-2-oxobutanoate
(SY) 4-methylthio-2-ketobutyric acid
(SY) 2-ketothiomethylbutyric acid
(SY) 2-keto-4-thiomethylbutyrate
(SY) alpha-oxo-gamma-methylthiobutyric acid
(SY) 4-methylmercapto-2-oxobutyrate
(SY) S-methyl-alpha-ketobutyric acid
(HM) METHIONINE/*analogs
(NO) RN given refers to parent cpd; structure

2-keto-4-methylvalerate see alpha-ketoisocaproic acid

3-keto-2-methylvalerate see 3-keto-2-methylvaleric acid

2-keto-3-methylvaleric acid see alpha-keto-beta-methylvaleric acid

3-keto-2-methylvaleric acid
(SY) 3-keto-2-methylvalerate
(SY) 3-oxo-2-methylvaleric acid
(HM) *PENTANOIC ACIDS

10-ketonaltrexone
(RN) 96445-14-6
(HM) NALTREXONE/*analogs
(NO) lower affinity for opioid binding sites than naltrexone; RN & structure given in first source; RN not in Chemline 8/85

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ketone reductase see alcohol dehydrogenase (NADP+)

4-ketoniridazole
(RN) 7039-09-0
(HM) NIRIDAZOLE/*analogs
(NO) major metabolite of niridazole

ketonox
(RN) 1338-23-4
(SY) methyl ethyl ketone peroxide
(HM) *PEROXIDES
(HM) *BUTANONES
(II) VARNISH
(NO) synthetic product hardener & polyester varnish; methylethylketone peroxide in dimethylphthalate; used as fiberglass hardener; very toxic to eyes

10-ketooxymorphone
(RN) 96445-15-7
(HM) OXYMORPHONE/*analogs
(NO) lower affinity for opioid binding sites than oxymorphone; RN & structure given in first source; RN not in Chemline 8/85

ketopantoate hydroxymethyltransferase
(RN) EC 2.1.2.-
(HM) *TRANSFERASES
(NO) methylenetetrahydrofolate & alpha-ketoisovalerate gives tetrahydrofolate & ketopantoate

2-ketopantoic acid reductase see 2-oxopantoate reductase

ketopantoyl lactone reductase see 2-oxopantoyl lactone reductase

2-ketopentanoic acid
(RN) 1821-02-9
(RR) 13022-83-8 (Na salt)
(SY) 2-ketovalerate
(SY) alpha-ketovaleric acid
(HM) *KETO ACIDS
(II) PENTANOIC ACIDS
(II) VALERATES
(NO) RN given refers to parent cpd

2-keto-4-pentenoate hydratase
(RN) EC 4.2.1.-
(HM) *HYDRO-LYASES

2-keto-4-pentenoic acid
(RN) 20406-62-6
(SY) 2-oxopentenoic acid
(HM) *FATTY ACIDS, UNSATURATED
(PA) GLUTAMATE DECARBOXYLASE/antag

3-keto-4-pentenoyl-CoA see 3-keto-4-pentenoyl-coenzyme A

3-keto-4-pentenoyl-coenzyme A
(RN) 80724-14-7
(SY) 3-keto-4-pentenoyl-CoA
(SY) coenzyme A, 3-keto-4-pentenoyl
(HM) *ACYL COENZYME A
(NO) beta-oxidation metabolite of pentenoic acid

15-keto-PGE see 15-ketoprostaglandin E

15-keto PGE1 see 15-ketoprostaglandin E

15-keto-PGE2 see 15-ketoprostaglandin E2

6-keto-PGE1 see 6-ketoprostaglandin E1

6-keto-PGF1 alpha-tyramide see 6-ketoprostaglandin F1 alpha-tyramide

15-keto-PGF2alpha see 15-ketoprostaglandin F2alpha

15-keto-PGI2 see 15-ketoprostaglandin I2

11-keto-pregnanetriol see pregnanetriolone

ketoprofen glucuronide
(RN) 76690-94-3
(HM) *KETOPROFEN/analogs
(NO) principal metabolite of ketoprofen

ketoprofen lysine
(RN) 57469-78-0
(SY) lysyl-ketoprofen
(HM) *KETOPROFEN/analogs
(HM) LYSINE/*analogs
(PA) ANALGESICS, ANTI-INFLAMMATORY
(NO) lysine salt of ketoprofen; structure in first source

11-ketoprogesterone
(RN) 516-15-4
(SY) Bio-66
(SY) 4-pregnene-3,11,20-trione
(HM) PROGESTERONE/*analogs
(PA) ANESTHETICS
(NO) structure

4-ketoproline
(RN) 2002-02-0
(RR) 4347-18-6 ((L)-isomer)
(SY) 4-oxo-L-proline
(SY) 4-oxoproline
(HM) PROLINE/*analogs
(NO) RN given refers to cpd without isomeric designation

6-ketoprostaglandin F1 alpha-tyramide
(SY) 6-keto-PGF1 alpha-tyramide
(HM) 6-KETOPROSTAGLANDIN F1 ALPHA/*analogs
(II) IODINE RADIOISOTOPES
(NO) tyramide labeled with (125)I for radioimmunoassay

15-keto-prostaglandin F2 alpha see 15-ketoprostaglandin F2alpha

15-ketoprostaglandin F2alpha
(RN) 35850-13-6
(SY) 15-keto-PGF2alpha
(SY) 15-keto-prostaglandin F2 alpha
(HM) *PROSTAGLANDINS F

15-ketoprostaglandin delta-13-reductase see delta 13-15-ketoprostaglandin reductase

15-ketoprostaglandin reductase see 15-hydroxyprostaglandin dehydrogenase

9-ketoprostaglandin reductase see 9-hydroxyprostaglandin dehydrogenase

15-ketoprostaglandin E
(RN) 22973-19-9
(RR) 87539-15-9 (2H-labeled cpd(5Z,11alpha)-isomer)
(RR) 34402-60-3 ((11alpha,13E)-(+-)-isomer)
(SY) 15-ketoprostaglandin E1
(SY) 15-keto PGE1
(SY) 15-keto-PGE
(HM) ALPROSTADIL/*analogs
(NO) RN given refers to unlabeled cpd(11alpha,13E)-isomer; RN for cpd without isomeric designation not in Chemline 7/84

15-ketoprostaglandin E1 see 15-ketoprostaglandin E

15-keto-prostaglandin E2 see 15-ketoprostaglandin E2

15-ketoprostaglandin E2
(RN) 26441-05-4
(RR) 33697-90-4 ((11alpha)-isomer)
(SY) 15-keto-PGE2
(SY) 15-oxo-PGE2
(SY) 15-keto-prostaglandin E2
(SY) 9,15-dioxo-11-hydroxyprosta-5,13-dienoic acid
(HM) *PROSTAGLANDINS E
(NO) metabolite of PGE2; RN given refers to (5Z,11alpha,13E)-isomer

15-ketoprostaglandin I2
(SY) 15-keto-PGI2
(HM) *PROSTAGLANDINS X
(NO) PGI2 oxidation product

6-ketoprostaglandin E1
(RN) 67786-53-2
(SY) 6-keto-prostaglandin E1
(SY) 6-keto-PGE1
(SY) 6-oxoprostaglandin E1
(SY) 6-oxo-PGE1
(HM) ALPROSTADIL/*analogs
(PA) VASODILATOR AGENTS
(NO) potent direct dilator of pulmonary & systemic circulations of newborn lamb

6-keto-prostaglandin E1 see 6-ketoprostaglandin E1

7-ketoprostaglandin I(2) see 7-oxoprostaglandin I2

4-ketoretinoic acid see 4-oxoretinoic acid

4-ketoretinol see 4-oxoretinol

ketoscilium see fentonium

3-ketosphinganine see ketodihydrosphingosine

3-ketostearoyl-CoA see 3-ketostearoyl-coenzyme A

3-ketostearoyl-coenzyme A
(RN) 86370-20-9
(SY) beta-ketostearoyl-coenzyme A
(SY) 3-ketostearoyl-CoA
(SY) coenzyme A, 3-ketostearoyl-
(HM) *ACYL COENZYME A

3-ketosteroid delta(1) dehydrogenase see 3-oxosteroid delta(1) dehydrogenase

3-ketosteroid isomerase see steroid delta-isomerase

11-ketotestosterone
(RN) 53187-98-7
(RR) 564-35-2 ((17beta)-isomer)
(SY) 17 beta-hydroxyandrost-4-ene-3,11-dione
(SY) 11-oxotestosterone
(HM) TESTOSTERONE/*analogs
(NO) RN given refers to cpd without isomeric designation

11-ketotetranor-PGF2alpha see 11-ketotetranorprostaglandin F2alpha

11-ketotetranor PGF2alpha see 11-ketotetranorprostaglandin F2alpha

11-ketotetranorprostaglandin F2alpha
(SY) 11-ketotetranor PGF2alpha
(SY) 11-ketotetranor-PGF2alpha
(SY) 11-KT-PGF2a
(HM) *PROSTAGLANDINS F

2-keto-4-thiomethylbutyrate see 2-keto-4-methylthiobutyric acid

2-ketothiomethylbutyric acid see 2-keto-4-methylthiobutyric acid

2-keto-4,4,4-trifluorobutyl phosphate
(RN) 93383-53-0
(SY) HTFP
(HM) *PHOSPHORIC ACID ESTERS
(PA) FRUCTOSEDIPHOSPHATE ALDOLASE/antag
(NO) RN & structure given in first source; RN not in Chemline 4/85

24-keto-1,23,25-trihydroxyvitamin D3
(RN) 87678-01-1
(SY) 1,23,25-trihydroxy-24-ketovitamin D3
(HM) CALCITRIOL/*analogs
(NO) calcitriol metabolite; RN from first source; RN not in Chemline 3/84

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17-ketotrilostane
(RN) 94152-62-2
(HM) STANOLONE/*analogs
(NO) metabolite of trilostane

2-ketovalerate see 2-ketopentanoic acid

10-keto-vitamin D3 see 10-ketovitamin D3

10-ketovitamin D3
(SY) 10-ketocholecalciferol
(SY) cholecalciferol-10-one
(SY) 10-keto-vitamin D3
(HM) *CHOLECALCIFEROLS

Kevlar Aramid fibers
(HM) *POLYMERS
(NO) synthetic fibers used sometimes in place of asbestos in friction materials

K(+)-H(+)-exchanger see potassium-hydrogen antiporter

keyhole-limpet haemacyanin see keyhole-limpet hemocyanin

keyhole-limpet hemacyanin see keyhole-limpet hemocyanin

keyhole-limpet hemocyanin
(SY) KLH
(SY) keyhole-limpet haemacyanin
(SY) keyhole-limpet hemacyanin
(HM) *HEMOCYANIN
(II) ANTIGENS
(NO) large MW protein antigen from haemolymph of the keyhole-limpet; used extensively to evaluate primary cellular & humoral immune responses in humans

K3Fe(CN)6 see potassium ferricyanide

K-Fe(III)-FOC see potassium iron(III) hexacyanoferrate (II)

K2FeO4 see potassium ferrate

K+-free Ringer's see Ringer's solution, potassium-free

KF-1492 see KF 1492

KF 1492
(RN) 64905-22-2
(RR) 64905-54-0 ((D)-isomer)
(RR) 64905-55-1 ((DL)-isomer)
(SY) N-(4-methylbenzylthiocarbonyl)phenylalanine
(SY) N-(4-methylbenzylthiocarbonyl)-L-phenylalanine
(SY) KF-1492
(HM) PHENYLALANINE/*analogs
(PA) ANTILIPEMIC AGENTS
(NO) RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 8/4/83

KF-4307 see KF 4307

KF 4307
(RN) 74178-99-7
(RR) 85984-40-3 (succinate)
(SY) 1-(1-(2-hydroxy-2-(3,4-dimethoxyphenyl)-1-methylethyl)-4-piperidyl)-2-benzimidazolinone succinate
(SY) KF-4307
(HM) *BENZIMIDAZOLES
(PA) ANTIHYPERTENSIVE AGENTS
(NO) RN given refers to parent cpd; NM refers to succinate salt; structure given in first source

KF 4317
(RN) 76805-48-6
(RR) 84515-64-0 (mono-HCl)
(SY) KF-4317
(SY) 4-(2-hydroxy-3-((1-methyl-3-phenylpropyl) aminopropoxy)benzeneacetamide
(HM) *PROPANOLAMINES
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS
(PA) ADRENERGIC ALPHA RECEPTOR BLOCKADERS
(NO) RN given refers to parent cpd; structure given in first source

KF-4317 see KF 4317

KF 4939
(RN) 73845-37-1
(SY) KF-4939
(SY) 2,2'-dithiobis(N-2-hydroxypropylbenzamide)
(HM) *BENZAMIDES
(NO) platelet aggregation inhibitor; structure given in first source

KF-4939 see KF 4939

KF-4942 see KF 4942

KF 4942
(RN) 74179-08-1
(SY) threo-1-(2-hydroxy-2-(3,4,5-trimethoxyphenyl)-1-methylethyl)-4-(1,3-dihydro-2H-benzimidazol-2-one-1-yl)piperidine
(SY) KF-4942
(HM) *BENZIMIDAZOLES
(PA) ANTIHYPERTENSIVE AGENTS
(NO) structure given in first source

khat see miraa

KHCO3 see potassium bicarbonate

KH(2)PGE(2) see 15-keto-13,14-dihydroprostaglandin E2

10-KHVD see 10-keto-25-hydroxyvitamin D3

3-KHXB see 3'-ketohexobarbital

K.H.3
(HM) *PROCAINE
(HM) *HEMATOPORPHYRINS
(HM) DRUG COMBINATIONS
(NO) retards aging; contains procaine, hematoporphyrin, magnesium carbonate, sodium hydrogen phosphate, potassium chloride, magnesium hydrogen phosphate

kidamycin
(RN) 11072-82-5
(HM) *ANTIBIOTICS, ANTINEOPLASTIC
(NO) obtained from Streptomyces phaeoverticillatus strains; interferes with RNA synthesis; minor descriptor (75-83); on-line & Index Medicus search ANTIBIOTICS, ANTINEOPLASTIC (75-83); RN given refers to (E)-isomer; RN for cpd without isomeric designation not in Chemline 8/5/83

kidney-brush-border neutral proteinase
(RN) EC 3.4.24.11
(RR) 80498-19-7 (CRN)
(SY) endopeptidase-24.11
(SY) enkephalinase-24.11
(SY) membrane metallo-endopeptidase
(SY) meprin (enzyme)
(HM) *PEPTIDE PEPTIDOHYDROLASES

kidney cathepsin T see cathepsin T

kidney plasminogen activator see urokinase-type plasminogen activator

kieselguhr-polydimethylacrylamide composite
(SY) K-PDMA
(HM) *KIESELGUHR
(HM) *ACRYLIC RESINS
(II) COMPOSITE RESINS

KIH-3 see KIH 3

KIH 3
(SY) 1-methyl-2-methylsulfinyl-5-methoxycarbonylimidazole
(SY) KIH-3
(HM) *IMIDAZOLES
(PA) RADIATION-SENSITIZING AGENTS

kijanimicin
(RN) 78798-08-0
(SY) Sch 25663
(HM) GLYCOSIDES
(PA) ANTIBIOTICS
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) from Actinomadura, A.kijaniata; branched tetrasaccharide unit as well as novel nitrosugar moiety glycosidically linked to the aglycone

kilacar see proclonol

killer factor
(SY) killer substance
(SY) killer toxin
(SY) natural killer cytotoxic factors
(SY) NKCF
(SY) natural killer cell activating factor
(HM) *PROTEINS
(II) GLYCOPROTEINS
(II) LYMPHOKINES
(NO) unstable macromolecular protein; from cultured murine spleen cells; inactivated by papain

killer factor, yeast
(SY) yeast killer toxin
(SY) yeast killer factor
(HM) *MYCOTOXINS
(II) FUNGAL PROTEINS
(NO) glycoprotein or toxin from many strains of yeast

killer substance see killer factor

killer toxin see killer factor

kinamycin A
(RN) 35303-12-9
(HM) QUINONES
(PA) ANTIBIOTICS
(NO) isolated from Streptomyces muragamaensis; RN in Chemline for Kinamycin B: 35303-13-0; RN for Kinamycin C: 35303-08-3; RN for Kinamycin D: 35303-14-1; RN given refers to parent cpd; structure

kinase FA see glycogen synthetase kinase

kinesin
(HM) *NERVE TISSUE PROTEINS
(II) MICROTUBULE PROTEINS
(NO) translocator protein found in squid axoplasm & optic lobes; apparent MW 600 kilodalton; force-generating protein involved in microtubule motility; homologous protein found in bovine brain

kinetoplast DNA minicircles
(HM) *DNA, CIRCULAR
(NO) from Trypanosoma equiperdum

kininase B see endopeptidase B

kininase III
(RN) EC 3.4.-
(HM) *PEPTIDE HYDROLASES
(NO) found in polymorphonuclear leucocytes; MW appr 47,000

kinin-inactivating enzyme see Shimeji kininase

kininogen receptor
(SY) receptor, kininogen
(SY) kininogen receptors
(HM) *SYNAPTIC RECEPTORS
(II) KININOGENS

kininogen receptors see kininogen receptor

kinin potentiating factor see bradykinin potentiating factors

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kinin receptor
(SY) receptor, kinin
(SY) receptor, bradykinin
(SY) bradykinin receptors
(SY) kinin receptors
(SY) bradykinin receptor
(HM) *SYNAPTIC RECEPTORS
(II) KININS
(II) BRADYKININ
(NO) receptors in rat urinary bladder respond to bradykinin analogs

kinin receptors see kinin receptor

K(2)IrCl(6) see hexachloroiridate

kirromycin see mocimycin

kitazin P
(RN) 26087-47-8
(SY) IBP
(SY) S-benzyl-O,O'-diisopropylphosphorothiolate
(SY) ricid II
(SY) O,O-diisopropyl-S-benzylthiophosphate
(HM) *ORGANOTHIOPHOSPHORUS COMPOUNDS
(PA) INSECTICIDES, ORGANOTHIOPHOSPHATE
(PA) FUNGICIDES, INDUSTRIAL
(NO) structure

kitnos see etofamide

K-Y jelly
(SY) KY jelly
(HM) *GLYCERIN
(HM) *PROPANEDIOLS
(HM) CELLULOSE/*analogs
(HM) *PHOSPHATES
(NO) used for gonioscopy & posterior segment examination of the eye with diagnostic contact lenses; contains glycerol BP, propylene glycol BP, hydroxyethyl cellulose, hydrogen phosphate buffer & water

klebocin
(HM) *BACTERIOCINS
(II) KLEBSIELLA

Klebsiella 03 lipopolysaccharide
(SY) K03-LPS
(SY) K03 LPS
(HM) *LIPOPOLYSACCHARIDES
(PA) ANTINEOPLASTIC AGENTS
(II) KLEBSIELLA PNEUMONIAE
(NO) isolated from Klebsiella pneumoniae strain Kasuya; used in therapy of sarcoma; structure given in first source

KLH see keyhole-limpet hemocyanin

Kloroperka
(RN) 78170-65-7
(SY) Chloropercha
(SY) kloroperka N-o
(SY) kloroperka NPhi
(HM) *BALSAMS
(HM) *GUTTA-PERCHA
(HM) *ZINC OXIDE
(HM) DRUG COMBINATIONS
(II) ROOT CANAL FILLING MATERIALS
(NO) contains powder consisting of Canada balsam: 19.6%, rosin 11.8%, gutta-percha 19.6%, zinc oxide 49.0% & liquid consisting of chloroform 100%

kloroperka N-o see Kloroperka

kloroperka NPhi see Kloroperka

K03 LPS see Klebsiella 03 lipopolysaccharide

K03-LPS see Klebsiella 03 lipopolysaccharide

KMBA see 2-keto-4-mercaptobutyric acid

KME 4 see KME-4

KME-4
(RN) 83677-24-1
(SY) alpha-(3,5-di-tert-butyl-4-hydroxybenzylidene) gamma-butyrolactone
(SY) KME 4
(HM) *4-BUTYROLACTONE/analogs
(PA) ANTI-INFLAMMATORY AGENTS
(NO) structure given in first source

KM 200
(SY) KM-200
(HM) *TRIAZINES
(NO) contains 1,3,5-tris(hydroxyethyl)hexahydrotriazine; releases formaldehyde

KM-200 see KM 200

KM-208 see bacilysin

KM 208 see bacilysin

KM 2210
(SY) KM-2210
(HM) CHLORAMBUCIL/*analogs
(HM) ESTRADIOL/*analogs
(NO) cpd from reaction of chlorambucil and estradiol; structure

KM-2210 see KM 2210

KNCO see potassium cyanate

knob protein
(HM) *PEPTIDES
(II) MEMBRANE PROTEINS
(II) PLASMODIUM FALCIPARUM
(NO) MW 85kDa; associated with knobs that develop on membranes of erythrocytes infected with Plasmodium falciparum

KN 7 (robaveron tablet) see robaveron

KN-7 see robaveron

KOCN see potassium cyanate

Kodaflex TOTM see tri-(2-ethylhexyl)trimellitate

Kodak CD2 see CD-2

Koe 1313 see KO 1313

Koe-1313 see KO 1313

kojibiose
(RN) 2140-29-6
(HM) *DISACCHARIDES

kojic acid
(RN) 501-30-4
(HM) *PYRONES
(II) MYCOTOXINS
(NO) structure

kojic amine
(RN) 68642-64-8
(RR) 68643-04-9 (HCl)
(RR) 60923-14-0 (HBr)
(RR) 60964-62-7 (di-HBr)
(SY) 2-(aminomethyl)-5-hydroxy-4H-pyran-4-one
(HM) *PYRONES
(NO) author refers to above as GABA analog; RN given refers to parent cpd; structure

kolaviron
(HM) *FLAVONES
(PA) PHALLOIDINE/antag
(II) PLANT EXTRACTS
(II) PLANTS, MEDICINAL
(NO) antihepatotoxic fraction of biflavonones from Garcinia kola seeds

kollateral see eupaverin

kollotsil see collocyl

Kolpi-Gynaedron
(HM) *ETHINYL ESTRADIOL
(II) ESTROGENS, SYNTHETIC
(NO) used in therapy of estrogen deficiency; contains ethinyl estradiol & preservatives

Komex see sodium borate

Kompensan see dihydroxyaluminum sodium carbonate

kondurangin see condurangin

koniin see coniine

konjac
(RN) 37220-17-0
(SY) konjac gluco-mannan
(HM) *POLYSACCHARIDES
(II) DIETARY FIBER
(NO) polysaccharide containing D-mannose & D-glucose

konjac gluco-mannan see konjac

Kontaktins see contactins

Konyne see prothrombin complex concentrates

korglycon see convallatoxin

kormogrisein see grisein

korvatone see morsydomine

Koshland's reagent II see 2-methoxy-5-nitrobenzyl bromide

KO 1313
(RN) 38555-07-6
(RR) 71316-45-0 (mono-HCl)
(RR) 29876-07-1 (mono-HCl(+-)-isomer)
(SY) Ko-1313
(SY) Koe 1313
(SY) Koe-1313
(HM) *PROPANOLAMINES
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS
(NO) same potency as propranolol but without cardiac depressant effect; minor descriptor (75-83); on-line & Index Medicus search PROPANOLAMINES (75-83); RN given refers to parent cpd without isomeric designation; structure

Ko-1313 see KO 1313

Ko 1400 see pargolol

K-PDMA see kieselguhr-polydimethylacrylamide composite

KPLP see phosphorylleucylphenylalanine

Kpn1 endonuclease see endodeoxyribonuclease Kpn1

K-1 polysaccharide see K1 polysaccharide

K1 polysaccharide
(SY) capsular polysaccharide K1
(SY) E coli polysaccharide K1
(SY) polysaccharide K1, E coli
(SY) K-1 polysaccharide
(HM) *POLYSACCHARIDES, BACTERIAL
(II) ESCHERICHIA COLI
(NO) strains of E coli that contain above cpd are leading cause of meningitis in neonates & comprise 20-30% of bacteremic E coli isolates in adults

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K14 polysaccharide
(SY) capsular polysaccharide K14 antigen
(SY) K14 antigen polysaccharide
(HM) *POLYSACCHARIDES, BACTERIAL
(II) ESCHERICHIA COLI
(II) ANTIGENS
(NO) from E coli

KR-P8 antigen see prostate cancer specific antigens

Krazy glue see ethyl 2-cyanoacrylate

krestin see PS-K

kringle fragments see kringles

kringles
(SY) kringle fragments
(HM) *PEPTIDE FRAGMENTS
(II) PLASMIN
(II) PLASMINOGEN
(NO) five homologous regions of amino acid sequence in heavy chain of plasmin; produced by elastase digestion of plasminogen

Kri paste
(RN) 11132-72-2
(HM) *HYDROCARBONS, IODINATED
(HM) *CAMPHOR
(II) ROOT CANAL FILLING MATERIALS
(NO) same constituents as iodoform camphophenique paste

krizanol see chrysanol

krotylbarbital see crotarbital

Kryptofix 222 see cryptating agent 222

kryptopyrrole
(RN) 517-22-6
(SY) 2,4-dimethyl-3-ethylpyrrole
(HM) *PYRROLES
(NO) metabolite in schizophrenia

krystallomycin see amphomycin

Kr 339 see bornaprine

K-76 sodium carboxylate see K 76 carboxylic acid

K(2)SO(4) see potassium sulfate

K-strophanthin see strophanthin K

K-strophantin see strophanthin K

KS-2 see PS-K

11-KT-PGF2a see 11-ketotetranorprostaglandin F2alpha

KT 199
(RN) 90451-93-7
(SY) KT-199
(HM) *PEPTIDES
(PA) ANTIBIOTICS
(PA) ANTHELMINTICS
(NO) semisynthetic peptide antihelminth antibiotic from Streptomyces sp. cultures

KT-199 see KT 199

Kuan-Xiong
(RN) 87740-99-6
(SY) K-X aerosol
(HM) *OILS, VOLATILE
(PA) PARASYMPATHOLYTICS
(II) PLANT EXTRACTS
(II) PLANTS, MEDICINAL
(II) AEROSOLS
(NO) volatile oils from Piper longum, Santalum album, Dryobalanops aromatica, Asarum sieboldi, Alpinea officinarum with antispasmodic effect in immediate treatment of angina attack

Kubitrac
(HM) *MINERAL OIL
(II) IRRITANTS
(NO) mineral cutting oil

kujimycin A
(RN) 33955-27-0
(SY) deacetyllankamycin
(HM) ERYTHROMYCIN/*analogs
(NO) macrolide antibiotics isolated from various strains of Streptomyces; many have significant activity against some Gram positive bacteria; kujimycins was minor descriptor (76-84); on-line & Index Medicus search ERYTHROMYCIN/AA (76-84)

kujimycin B
(RN) 30042-37-6
(SY) lankamycin
(HM) ERYTHROMYCIN/*analogs
(NO) macrolide antibiotics isolated from various strains of Streptomyces; many have significant activity against some Gram positive bacteria; kujimycins was minor descriptor (76-84); on-line & Index Medicus search ERYTHROMYCIN/AA (76-84)

kukoline see sinomenine

kutaja
(HM) *ALKALOIDS
(PA) ANTIDIARRHEALS
(II) PLANTS, MEDICINAL
(NO) powdered bark from Holarhena antidysenterica

kutapressin
(HM) *LIVER EXTRACTS
(NO) selective vasoconstrictor derived from liver

KU 54 see KU-54

KU-54
(RN) 30751-05-4
(RR) 30751-03-2 (HCl)
(SY) 3-(3,4,5-trimethoxybenzamido)piperidine
(SY) KU 54
(HM) *PIPERIDINES
(PA) ANTI-ULCER AGENTS
(NO) RN given refers to parent cpd

KWD 2033 see prenalterol

KWD 2038 see ibuterol

KWD-2131 see KWD 2131

KWD 2131
(RN) 63546-99-6
(RR) 70858-22-9 (monosulfate)
(RR) 65748-36-9 (sulfate)
(SY) 1-(3,5-dihydroxyphenyl)-2-((1,1-dimethyl-2-hydroxyethyl)amino)ethanol sulfate
(SY) KWD-2131
(HM) TERBUTALINE/*analogs
(PA) ADRENERGIC BETA RECEPTOR AGONISTS
(PA) BRONCHODILATOR AGENTS
(NO) beta-agonist; RN given refers to sulfate salt (2:1); RN for parent cpd not in Chemline 6/21/83; structure in first source

KW 1062 see micronomicin

KW-1062 see micronomicin

KW1070 see fortimicin A

KW 110 see KW-110

KW-110
(RN) 12607-92-0
(SY) N-acetyl-L-glutamine aluminum complex
(SY) KW 110
(HM) *ALUMINUM
(HM) GLUTAMINE/*analogs
(PA) ANTI-ULCER AGENTS
(NO) structure

KW 2083 see 7-N-(4-hydroxyphenyl)mitomycin C

KW 4354 see oxatimide

KW-4354 see oxatimide

Kx antigen see K antigen

KY jelly see K-Y jelly

kynureninase
(RN) EC 3.7.1.3
(RR) 9024-78-6 (CRN)
(SY) kynurenine hydrolase
(HM) *HYDROLASES

kynurenine aminotransferase
(RN) EC 2.6.1.7
(RR) 9030-38-0 (CRN)
(HM) *AMINOTRANSFERASES
(II) PYRUVATES

kynurenine-glyoxylate aminotransferase see alanine-glyoxylate aminotransferase

kynurenine hydrolase see kynureninase

kynurenine hydroxylase see kynurenine 3-monooxygenase

kynurenine 3-hydroxylase see kynurenine 3-monooxygenase

kynurenine 3-monooxygenase
(RN) EC 1.14.13.9
(RR) 9029-61-2 (CRN)
(SY) kynurenine hydroxylase
(SY) kynurenine 3-hydroxylase
(HM) *HYDROXYLASES
(NO) formerly EC 1.14.1.2

kynurenine receptor
(SY) receptor, kynurenine
(SY) kynurenine receptors
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) KYNURENINE

kynurenine receptors see kynurenine receptor

Kyorin see fosfestrol

D-kyotorphin see kyotorphin

kyotorphin
(RN) 70904-56-2
(RR) 70904-57-3 ((L-Tyr-D-Arg)-isomer)
(RR) 88263-78-9 (3H-labeled cpd(L-Tyr-D-Arg)-isomer)
(RR) 88263-77-8 (3H-labeled cpd(L-Tyr-L-Arg)-isomer)
(RR) 88263-76-7 (14C-labeled cpd(L-Tyr-L-Arg)-isomer)
(SY) L-tyrosyl-D-arginine
(SY) L-tyrosyl-L-arginine
(SY) Tyr-Arg
(SY) D-kyotorphin
(HM) *ENDORPHINS
(PA) ANALGESICS
(NO) morphine-like dipeptide from bovine brain; RN given refers to (L-Arg-L-Tyr)-isomer; RN for cpd without isomeric designation not in Chemline 7/84

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KY 109
(SY) KY-109
(SY) (5-methyl-2-oxo-1,3-dioxol-4-yl)methyl-7(O-(alanyl)mandelamido)-3-((5-methyl-1,3,4-thiadiazol-2-yl)thio)methyl-3-cephem-4- carboxylate hydrochloride
(HM) *CEPHALOSPORINS
(NO) pro-drug to improve oral absorption of KY-087; structure given in first source

KY-109 see KY 109

KZ 111
(RN) 72637-22-0
(SY) KZ-111
(SY) 2-methyl-3-piperidino-beta-propionaphthone
(HM) *PIPERIDINES
(PA) HISTAMINE H1 RECEPTOR BLOCKADERS

KZ-111 see KZ 111

K-11941 see alfaprostol

K 152,564
(SY) K-152,564
(SY) 2-butoxy-2-propenylidene methanaminium
(HM) *AMMONIUM COMPOUNDS
(NO) induces hypoglycemia in rats; structure given in first source

K-152,564 see K 152,564

K 152,848
(SY) K-152,848
(SY) 2-ethoxy-2-propenylidene methanaminium
(HM) *AMMONIUM COMPOUNDS
(NO) induces hypoglycemia in rats; structure given in first source

K-152,848 see K 152,848

K 154,028
(SY) K-154,028
(SY) 2-propoxy-2-propenylidene methanaminium
(HM) *AMMONIUM COMPOUNDS
(NO) induces hypoglycemia in rats; structure given in first source

K-154,028 see K 154,028

K 1902 see pentacaine

K-2004 see biglumide

K-2154 see noreximide

K 2154 see noreximide

K-247 see 4-aminobenzoic acid-N-xyloside

K 247 see 4-aminobenzoic acid-N-xyloside

K 2680 see amidoline

K-2680 see amidoline

K-31 see nicomol

K 351
(RN) 81486-22-8
(SY) K-351
(SY) 3,4-dihydro-8-(2-hydroxy-3-isopropylaminopropoxy)-3-nitroxy-2H-1-benzopyran
(SY) nipradilol
(HM) *PROPANOLAMINES
(PA) ADRENERGIC ALPHA RECEPTOR BLOCKADERS

K-351 see K 351

K 364 see salinomycin

K 3920 see indobufen

K-4423 see K 4423

K 4423
(RN) 40883-35-0
(RR) 40883-34-9 (HCl(-)-isomer)
(RR) 41365-28-0 (HCl(+-)-isomer)
(RR) 36804-75-8 (unspecified HCl)
(SY) 1-isopropylamino-3-(1,4-ethano-1,2,3,4-tetrahydro-5- naphthoxy)propan-2-ol
(SY) K-4423
(HM) *PROPANOLAMINES
(HM) *ADRENERGIC BETA RECEPTOR BLOCKADERS
(NO) RN given refers to HCl, (+)-isomer; RN for parent cpd not in Chemline 6/21/83; structure

K 4619
(SY) K-4619
(SY) 3-de-O-methylsporaricin A sulfate
(HM) AMINOGLYCOSIDES
(PA) ANTIBIOTICS
(NO) structure in first source

K-4619 see K 4619

K-582
(RN) 74315-56-3
(SY) K 582
(SY) myroridin K
(HM) PEPTIDES
(PA) ANTIBIOTICS

K 582 see K-582

LAA see lymphoma-associated antigen

LA antigen see SS-B antigen

LAB-GnRH see LHRH, Lys(6)-N-epsilon-azidobenzoyl-

labilomycin see pulvomycin

Lac-AP see 2-(N-lactityl)aminopyridine

laccaic acid see lac dye

lac carrier protein see lactose permease

laccase
(RN) EC 1.10.3.2
(RR) 80498-15-3 (CRN)
(SY) laccase B
(SY) laccase III
(HM) *OXIDOREDUCTASES

laccase B see laccase

laccase III see laccase

lac dye
(RN) 27597-77-9
(SY) lac resinC.I. natural red 25
(SY) laccaic acid
(SY) 4-(4-dimethylaminophenylazo) beta-lactoside
(HM) *AZO COMPOUNDS
(II) DYES
(II) FOOD COLORING AGENTS
(II) RESINS
(NO) possible food coloring agent which is completely nontoxic at low doses; lac dye is water soluble constituent of stick lac (commercial lac resin); lac resin is hardened secretion of insect Laccifer lacca (lac insect)

lachesine
(RN) 15209-00-4
(RR) 1164-38-1 (chloride)
(RR) 6422-49-7 (iodide)
(RR) 55019-65-3 (bromide)
(SY) N-ethyl-N,N-dimethyl-2-(benziloyloxy) ethylammonium
(HM) *AMMONIUM COMPOUNDS
(PA) MYDRIATICS
(NO) RN given refers to parent cpd

lac permease see lactose permease

lac Z protein see gene proteins, bacterial

lac resinC.I. natural red 25 see lac dye

lactacin B see lactocin

lactaldehyde
(RN) 598-35-6
(SY) L-lactaldehyde
(HM) *ALDEHYDES

L-lactaldehyde see lactaldehyde

l-lactaldehyde reductase see lactaldehyde reductase

lactaldehyde reductase
(RN) EC 1.1.1.77
(SY) propanediol oxidoreductase
(SY) l-lactaldehyde reductase
(HM) *ALCOHOL OXIDOREDUCTASES

lactate see lactic acid

L-lactate cytochrome C oxidoreductase see lactate dehydrogenase (cytochrome)

lactate dehydratase
(RN) EC 4.2.1.-
(HM) *HYDRO-LYASES
(NO) from cell extracts of Clostridium propionicum; catalyzes the dehydration of (R)-lactate to acrylate

lactate dehydrogenase (cytochrome)
(RN) EC 1.1.2.3
(RR) 9078-32-4 (CRN)
(SY) cytochrome b2
(SY) flavocytochrome b2
(SY) L-lactate cytochrome C oxidoreductase
(SY) lactate-ferricytochrome c oxidoreductase
(HM) *LACTATE DEHYDROGENASE
(NO) RN in Chemline: 9078-32-4

lactate-ferricytochrome c oxidoreductase see lactate dehydrogenase (cytochrome)

lactate 2-monooxygenase
(RN) EC 1.13.12.4
(RR) 9028-72-2 (CRN)
(SY) lactate oxygenase
(SY) lactate oxidase
(SY) lactate oxidative decarboxylase
(HM) *MIXED FUNCTION OXIDASES

lactate oxidase see lactate 2-monooxygenase

lactate oxidative decarboxylase see lactate 2-monooxygenase

lactate oxygenase see lactate 2-monooxygenase

lactate oxygen oxidoreductase see L-2-hydroxyacid oxidase

D-lactate-2-sulfatase see lactate-2-sulfate sulfatase

lactate-2-sulfate sulfatase
(RN) EC 3.1.6.-
(SY) D-lactate-2-sulfate sulfatase
(SY) D-lactate-2-sulfatase
(HM) *SULFATASES
(NO) shows no activity for (L)-isomer

D-lactate-2-sulfate sulfatase see lactate-2-sulfate sulfatase

lactate translocase see lactate transport protein

lactate transporter see lactate transport protein

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lactate transport protein
(SY) lactate transporter
(SY) lactate translocase
(HM) *CARRIER PROTEINS
(II) MEMBRANE PROTEINS
(NO) erythrocyte membrane protein; protein from cardiac cell membrane has high affinity for lactate, low affinity for pyruvate

lactic acid
(RN) 50-21-5
(RR) 867-55-0 (mono-Li salt)
(RR) 71571-61-4 (unspecified Li salt)
(RR) 26867-84-5 (unspecified Mg salt)
(RR) 814-80-2 (Ca salt)
(RR) 28305-25-1 (Ca[2:1] salt(S)-isomer)
(RR) 71060-51-0 (unspecied Ca-Na salt)
(RR) 16127-59-6 (Ca[2:1] salt(R)-isomer)
(RR) 5497-50-7 (Ca[2:1] salt(+-)-isomer)
(RR) 63021-19-2 (unspecified Al-Na salt)
(SY) lactate
(SY) magnesium lactate
(SY) calcium lactate
(SY) lithium lactate
(SY) sodium lactate
(SY) aluminum lactate
(HM) *LACTATES
(NO) RN given refers to parent cpd without isomeric designation

lactic acid chloromethyl ketone
(HM) *LACTATES

lactinex
(HM) *BIOLOGICAL PRODUCTS
(NO) mixed culture of Lactobacillus acidophilus & Lactobacillus bulgaricus used in therapy of gastrointestinal diseases, especially diarrhea

lactitol
(RN) 585-86-4
(HM) *SUGAR ALCOHOLS

2-(N-lactityl)aminopyridine
(RN) 83073-75-0
(SY) Lac-AP
(HM) *AMINOPYRIDINES
(II) FLUORESCENT DYES
(NO) fluorogenic cpd for sialidase activity determination; structure given in first source

lactobacillic acid see phytomonic acid

lactobacterin
(RN) 67015-74-1
(HM) *BACTERIOCINS
(II) LACTOBACILLUS
(NO) Russian drug

lactobionic acid
(RN) 96-82-2
(RR) 27297-39-8 (mono-Na salt)
(RR) 5001-51-4 (Ca salt[2:1])
(SY) copper lactobionate
(SY) ferric lactobionate
(HM) *DISACCHARIDES
(NO) RN given refers to parent cpd; structure

anti-lacto-N-biose I antibody see monoclonal anti-carbohydrate antibodies

lacto-N-biose II (1-2 isomer)
(SY) methyl-2-O-(2-acetamido-2-deoxyglucopyranosyl) galactopyranoside
(SY) methyl-2-O-(2-acetamido-2-deoxy-beta-D-glucopyranosyl)-alpha-D-galactopyranoside
(HM) *DISACCHARIDES

lacto-N-biose II
(SY) methyl-3-O-(2-acetamido-2-deoxyglucopyranosyl) galactopyranoside
(SY) methyl-3-O-(2-acetamido-2-deoxy-beta-D-glucopyranosyl)alpha-D-galactopyranoside
(HM) *DISACCHARIDES
(NO) from human milk oligosaccharide lacto-N-tetraose

lactocin
(RN) 80619-55-2
(RR) 51109-86-5 (lactocin 27)
(SY) lactacin B
(HM) *BACTERIOCINS
(II) LACTOBACILLUS
(II) LACTOBACILLUS ACIDOPHILUS

lactoferrin receptor
(SY) lactoferrin receptors
(SY) receptor, lactoferrin
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) LACTOFERRIN

lactoferrin receptors see lactoferrin receptor

lacto-N-fucopentaose III
(RN) 25541-09-7
(SY) LNFP
(HM) *OLIGOSACCHARIDES
(NO) sequence found in lacto-N-fucopentaosyl (III) ceramide; structure given in first source

lacto-N-fucopentaose II
(RN) 21973-23-9
(SY) LNFP II
(HM) *OLIGOSACCHARIDES
(NO) ganglioside containing sialylated lacto-N-fucopentaose II is gastrointestinal cancer-asociated antigen detected by monoclonal antibody 19-9 in colorectal carcinoma cell line SW 1116

lacto-N-fucopentaose I
(RN) 7578-25-8
(SY) LNF-I
(HM) *OLIGOSACCHARIDES
(NO) RN given refers to all D-isomer; RN for cpd without isomeric designation not in Chemline 6/85

lactofucopentaosyl(II)ceramide
(SY) LFPC
(SY) lactofucosyl pentaglycosylceramide
(HM) *GLYCOSPHINGOLIPIDS
(II) MEMBRANE LIPIDS
(NO) from human blood cell membranes

lacto-N-fucopentaosyl(III)ceramide
(SY) LNFPC
(HM) *CEREBROSIDES
(NO) accumulates in human adenocarcinomas

lactofucosyl pentaglycosylceramide see lactofucopentaosyl(II)ceramide

lactogen receptors see placental lactogen receptor

lactogluconic acid
(SY) calcium lactogluconate
(HM) *GLUCONATES
(II) CALCIUM

lacto-N-hexaose
(HM) *OLIGOSACCHARIDES
(NO) found in human breast milk; structure given in first source

lacto-N-neotetraose
(RN) 13007-32-4
(SY) lacto-N-tetraose
(HM) *OLIGOSACCHARIDES
(NO) binds human cold agglutinin

lactosamine
(RN) 13000-25-4
(HM) *AMINO SUGARS

lactosaminoglycan
(SY) branched lactosaminoglycan
(HM) *POLYSACCHARIDES
(HM) *AMINO SUGARS
(NO) cell surface glycoconjugate of embryonal carcinoma cells; core structure composed of repeating N-acetyllactosamine (Gal-GlcNAc) disaccharides; branched lactosaminoglycan from Band 3 gloycoprotein of adult human erythrocytes

lactose-BAF see lactose-binding agglutination factor

lactose-binding agglutination factor
(SY) lactose-BAF
(HM) *HEMAGGLUTININS
(NO) from rabbit skeletal muscle; MW 28,000; inhibited by lactose; agglutinates trypsin-treated erythrocytes; see also galaptin, which is a galactose-binding agglutinin

lactose carrier protein see lactose permease

lactose-lysine see epsilon-N-1-(1-deoxylactulosyl)lysine

lactose permease
(RN) 9068-45-5
(SY) lactose carrier protein
(SY) lactose permease M protein
(SY) lac permease
(SY) lactose transport protein
(SY) lactose transport system
(SY) lac carrier protein
(HM) *PERMEASES

lactose permease M protein see lactose permease

lactose 6'-phosphate
(RN) 72929-47-6
(HM) *SUGAR PHOSPHATES

lactose transport protein see lactose permease

lactose transport system see lactose permease

lactostrepsins
(HM) *BACTERIOCINS
(II) STREPTOCOCCUS LACTIS
(NO) bacteriocins from Streptococcus lactis

lactosylceramidase
(RN) EC 3.2.1.-
(SY) lactosylceramide galactosyl hydrolase
(SY) lactosylceramidase I
(HM) *BETA-GALACTOSIDASES
(NO) ceramide-Glc-Gal & H2O gives Cer-Glc & galactose; deficiency gives lactosylceramidosis; see also lactosylceramidase II which acts GM(1) ganglioside

lactosylceramidase I see lactosylceramidase

lactosylceramidase II
(RN) EC 3.2.1.-
(SY) G(m1)-ganglioside galactosidase
(SY) G(m1)-beta-galactosidase
(SY) acid beta-galactosidase A1
(SY) GM(1) ganglioside beta-galactosidase
(SY) GM1-beta-galactosidase
(HM) *BETA-GALACTOSIDASES
(NO) may be aspect of EC 3.2.1.23 (BETA-GALACTOSIDASES); deficiency gives generalized gangliosidosis

lactosylceramide see cytolipin H

lactosylceramide galactosyl hydrolase see lactosylceramidase

lactosylceramide synthase see UDPgalactose-glucosylceramide galactosyltransferase

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lactosylfructoside
(SY) O-beta-D-Gal-(1-4)-O-alpha-D-Glc-(1-2)-beta-D-Fru
(HM) *TRISACCHARIDES

lactosylurea
(RN) 24162-28-5
(RR) 40010-04-6 ((alpha-D)-isomer)
(HM) UREA/*analogs
(HM) LACTOSE/*analogs
(NO) RN given refers to (beta-D)-isomer

lacto-N-tetraose see lacto-N-neotetraose

S-lactoylglutathione
(RN) 25138-66-3
(HM) GLUTATHIONE/*analogs

lactoyl-H4-pterin see 6-lactoyltetrahydropterin

6-lactoyltetrahydropterin
(SY) lactoyl-H4-pterin
(HM) *BIOPTERIN/analogs
(NO) structure given in first source

lactyl lactate
(RN) 617-57-2
(HM) *LACTATES

Laevodosin
(HM) *RIBONUCLEOSIDES
(HM) *RIBONUCLEOTIDES
(HM) DRUG COMBINATIONS
(PA) VASODILATOR AGENTS
(NO) contains ATP, AMP, GMP, adenosine, guanosine, inosine & chlorocresol

lagosin see fungichromin

laidlomycin
(RN) 56283-74-0
(HM) *MONENSIN/analogs
(PA) ANTIBIOTICS
(NO) polycyclic, polyether, monocarboxylic acid posessing inhibitory activity against various Mycoplasma species, especially Acholeplasma laidlawii; structure

laidlomycin butyrate
(RN) 78734-45-9
(HM) *MONENSIN/analogs
(PA) ANTIBIOTICS
(II) IONOPHORES

LAI factor see humoral leukocyte adherence inhibition factor

LAK see poly(lysyl-(leucyl-poly-alanine))

lambcoppa see copper methionate

lambda-endolysin see endolysin

lambda exonuclease see exodeoxyribonuclease (lambda-induced)

lambda N gene product see gene proteins, bacterial

lambda integrase see integrase

lambda int protein see integration protein (bacteriophage lambda)

lambdamycin see chartreusin

lambda opiate receptor
(SY) opiate lambda receptors
(SY) receptor, lambda opiate
(HM) *RECEPTORS, ENDORPHIN

lambda phage head protein D
(SY) head protein D
(HM) *VIRAL PROTEINS
(II) LAMBDA PHAGE
(NO) MW 12,000; amino acid sequence given in first source

lambda phage receptor
(SY) phage lambda receptor protein
(SY) lamB protein
(SY) lambda receptors
(SY) receptor, lambda
(SY) maltoporin
(SY) lam B protein
(SY) lambda receptor
(HM) *RECEPTORS, VIRUS
(II) LAMBDA PHAGE/metab
(II) BACTERIAL OUTER MEMBRANE PROTEINS
(NO) on membrane bound polysomes from E Coli; produces transmembrane diffusion channel permeable to very small solutes, but specific for certain large solutes

lambda phage tail proteins see viral tail proteins

lambda receptor see lambda phage receptor

lambda receptors see lambda phage receptor

lambda regulatory protein cII see gene proteins, viral

lambda repressor
(SY) cro protein
(SY) lambda tof repressor
(SY) phage lambda repressor
(SY) CI repressor
(HM) *REPRESSOR PROTEINS
(II) TRANSCRIPTION FACTORS
(NO) see also record for phage repressor proteins

lambda tof repressor see lambda repressor

lamB protein see lambda phage receptor

lamicel
(SY) synthetic laminaria
(HM) *POLYVINYL ALCOHOL
(HM) *MAGNESIUM SULFATE
(II) BIOCOMPATIBLE MATERIALS
(NO) polyvinyl alcohol foam synthetic sponge (merocel) impregnated with magnesium sulfate; shaped under pressure for cervical dilatation

lamin A see lamins

laminaran
(RN) 9008-22-4
(SY) laminarin
(HM) *POLYSACCHARIDES
(PA) ANTICOAGULANTS
(PA) ANTILIPEMIC AGENTS
(NO) beta-1,3-glucan

laminarin see laminaran

lamin B see lamins

lamin C see lamins

laminine
(SY) 5-amino-5-carboxypentyltrimethylammonium
(HM) *AMINO ACIDS, DIAMINO
(NO) isolated from brown algae, Laminaria augustata; structure given in first source

laminin receptor
(SY) laminin receptors
(SY) receptor, laminin
(HM) *RECEPTORS, IMMUNOLOGIC
(II) LAMININ

laminin receptors see laminin receptor

lamins
(SY) lamin A
(SY) lamin B
(SY) lamin C
(HM) *NUCLEOPROTEINS
(NO) most abundant matrix proteins in residual nuclear envelope fraction derived from nuclear lamina

lam B protein see lambda phage receptor

Lamuran see ajmalicine

lanatigen C see isolanid

lanatoside A
(RN) 17575-20-1
(HM) *LANATOSIDES

lanatoside C see isolanid

Landrin
(RN) 12407-86-2
(RR) 2655-15-4 ((2,3,5)-isomer (landrin B))
(RR) 2686-99-9 ((3,4,5)-isomer (landrina))
(SY) trimethylphenyl-N-methylcarbamate
(HM) *CARBAMATES
(PA) INSECTICIDES, CARBAMATE
(NO) RN given refers to 2,3,5(or 3,4,5)-isomer; structure

Lanette O see cetostearyl alcohol

lankacidins
(RN) 23623-31-6
(SY) T2636
(HM) LACTONES
(PA) ANTIBIOTICS
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) macrolide antibiotic group; RN refers to lankacidin C; RN given refers to (1S-(1R*,2S*,3E,5E,7R*,9E,11E,13R*,15S*,19S*))-isomer; RN for cpd without isomeric designation not in Chemline 7/84; structure

lankamycin see kujimycin B

lanostenol
(RN) 79-62-9
(RR) 78821-82-6 ((3beta,20S)-isomer)
(RR) 7349-62-4 ((3beta,5xi,14xi)-isomer)
(SY) 5 alpha-lanost-8-en-3 beta-ol
(SY) 24,25-dihydrolanosterol
(HM) LANOSTEROL/*analogs
(II) PHYTOSTEROLS
(NO) RN given refers to (3beta)-isomer; RN for cpd without isomeric designation not in Chemline 7/84; structure

lanosterol 14 alpha-demethylase
(RN) EC 1.-
(SY) lanosterol 14 alpha-methylsterol oxidase
(SY) sterol C 14 demethylase
(SY) sterol 14 alpha-demethylase
(HM) *OXIDOREDUCTASES
(NO) requires cytochrome P-450, several steps, oxidative

lanosterol 14 alpha-methylsterol oxidase see lanosterol 14 alpha-demethylase

lantadene A see rehmannic acid

lantadene A (reduced) see 22 beta-angeloyloxyoleanolic acid

lanthanide nitrate
(RN) 10099-59-9
(RR) 10277-43-7 (hexahydrate)
(SY) lanthanum nitrate
(HM) *LANTHANUM

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lanthanum chloride
(RN) 10099-58-8
(RR) 73206-42-5 (141La-labeled cpd)
(RR) 10025-84-0 (heptahydrate)
(RR) 17272-45-6 (hexahydrate)
(RR) 51305-40-9 (monohydrate)
(RR) 35564-84-2 (trihydrate)
(RR) 29822-17-1 (140La-labeled cpd)
(HM) *LANTHANUM
(NO) RN given refers to parent cpd

lanthanum citrate see citric acid

lanthanum nitrate see lanthanide nitrate

lanthanum oxybromide
(RN) 13875-40-6
(HM) *LANTHANUM

lanthionine
(RN) 3183-08-2
(RR) 922-56-5 ((D)-(R)-isomer)
(RR) 922-55-4 ((L)-(R)-isomer)
(SY) 3,3'-thiodialanine
(HM) ALANINE/*analogs
(NO) RN given refers to (DL)-isomer; RN for cpd without isomeric designation not in Chemline 8/4/83; structure

lanthionine ketimine
(RN) 83711-67-5
(HM) *AMINO ACIDS, SULFUR
(NO) structure given in first source

L1 antigen
(SY) leukocyte L1 protein
(SY) GFA-2
(SY) myelomonocytic antigen L1
(HM) *ANTIGENS, SURFACE
(NO) contributes to the calcium-independent adhesiveness of neural cells; found in high levels on leukocytes of patients with bacterial infections; human granulocyte functional antigen has MW of 45-95 kd

L3T4 antigen see differentiation antigens, T lymphocyte

LANT-6 see neurotensin-related hexapeptide

lapachol
(RN) 84-79-7
(RR) 57414-00-3 (Na salt)
(SY) 2-hydroxy-3-(3-methyl-2-butenyl)-1,4-naphthoquinone
(SY) NSC-11905
(HM) *NAPHTHOQUINONES
(PA) ANTIMALARIALS
(PA) ANTHELMINTICS
(PA) ANTINEOPLASTICS, PHYTOGENIC
(NO) RN given refers to parent cpd; structure

LAPAO
(RN) 61792-31-2
(SY) 3-lauramido-N,N-dimethylpropylamine oxide
(HM) *LAURATES
(II) DETERGENTS
(NO) RN in Chemline for N-(3-(dimethylamino)propyl)dodecanamine: 3179-80-4; structure

Lapatol see nitroscanate

lappaconitine
(RN) 32854-75-4
(HM) ACONITINE/*analogs
(NO) RN given refers to (1alpha,14alpha,16beta)-isomer; RN for cpd without isomeric designation not in Chemline 7/84; structure

laprol
(RN) 85746-30-1
(HM) *PROPANEDIOLS

laprol-702 see polypropylene glycol

LA proteins see SS-B antigen

lapyrium
(RN) 6272-74-8
(SY) lapyrium chloride
(HM) *PYRIDINIUM COMPOUNDS
(NO) RN given refers to chloride; RN for parent cpd not in Chemline 5/84

lapyrium chloride see lapyrium

LAP-15 see lipid-associating peptides

LAP 15 see lipid-associating peptides

LAP-20 see lipid-associating peptides

LAP 20 see lipid-associating peptides

lard
(HM) *DIETARY FATS

Largal Ultra
(RN) 71812-49-2
(HM) *EDTA
(HM) *CETRIMONIUM COMPOUNDS
(HM) DRUG COMBINATIONS
(NO) demineralizer; contains di-Na salt of EDTA 15%, cetrimide 0.75%, pH 7.4 adjusted with NaOH

large cardioactive peptide, Lymnaea stagnalis
(SY) LCP snail
(HM) *PEPTIDES
(II) INVERTEBRATE HORMONES
(II) SNAILS
(NO) MW greater than 1500; heat-stable

large mobile protein, salivary
(SY) LM protein
(HM) *SALIVARY PROTEINS
(NO) accumulated in rat saliva upon chronic administration of beta-adrenergic drug isoproterenol

largomycin
(RN) 79748-87-1
(SY) TA 1067
(HM) GLYCOPROTEINS
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) from Streptomyces pluricolorescens; contains three fractions; MW 10,0000-20,000, 25,000 & 50,000, respectively

larvadex see CGA 72662

larval hemolymph protein see larval serum protein

larval serum protein
(SY) LSP-2
(SY) larval serum protein-2
(SY) larval serum protein-1
(SY) larval-specific protein
(SY) LSP-1beta
(SY) female-specific larval serum protein
(SY) larval hemolymph protein
(HM) *INSECT HORMONES

larval serum protein-1 see larval serum protein

larval serum protein-2 see larval serum protein

larval-specific protein see larval serum protein

larval toxin, Bacillus
(SY) Bacillus laterosporus larval toxin
(HM) *BACTERIAL TOXINS
(II) BACILLUS
(II) LARVA
(II) MOSQUITOES
(NO) toxin effective against mosquito larva

larvicidal toxin (Bacillus sphaericus)
(SY) LVT-BS
(HM) *BACTERIAL TOXINS
(NO) MW 43kDa; may have high-molecular weight precursors

Lasdol see Solusprin

lasiocarpine
(RN) 303-34-4
(RR) 29560-36-9 (sulfate(1S-(1alpha(Z),7(2S*,3R*),7aalpha)-isomer)
(RR) 1976-49-4 (HCl(1S-(1alpha(Z),7(2S*,3R*),7aalpha))-isomer)
(HM) *PYRROLIZIDINE ALKALOIDS
(PA) CARCINOGENS
(NO) RN given refers to parent cpd(1S-(1alpha(Z),7(2S*,3R*),7aalpha))-isomer; RN for cpd without isomeric designation not in Chemline 7/84; structure

Lasso see alachlor

lastanox Q
(RN) 56-35-9
(SY) oxybis(tributyl tin)
(SY) hexabutyldistannoxane
(SY) tributyltin oxide
(SY) bis(tributyltin)oxide
(SY) bis(tributyl tin)oxide
(SY) bis(tri-n-butyltin)oxide
(SY) BTBTO
(SY) TBTO
(HM) *TRIALKYLTIN COMPOUNDS
(II) DISINFECTANTS
(NO) RN given refers to parent cpd; RN in Chemline for tributylin: 688-73-3

LAS 11871 see thiazolinobutazone

lathosterol
(RN) 80-99-9
(SY) 5-cholest-7-en-3-ol
(HM) *CHOLESTEROL
(II) ISOMERISM
(NO) RN given refers to (3beta,5alpha)-isomer; RN for cpd without isomeric designation not in Chemline 7/84

lathosterol delta-5-dehydrogenase
(RN) EC 1.3.3.2
(SY) 5 alpha-cholest-7-en-3 beta-ol delta-5-dehydrogenase
(SY) lathosterol oxidase
(SY) lathosterol 5-desaturase
(HM) *OXIDOREDUCTASES
(NO) forms 7-dehydrocholesterol (cholesta-5,7-dien-3-beta-ol)

lathosterol 5-desaturase see lathosterol delta-5-dehydrogenase

lathosterol oxidase see lathosterol delta-5-dehydrogenase

lathyrus lectin
(SY) Lathyrus sativus lectin
(SY) Lathyrus ochrus lectin
(HM) *LECTINS

lathyrus neurotoxin see oxalyldiaminopropionic acid

Lathyrus ochrus lectin see lathyrus lectin

Lathyrus sativus lectin see lathyrus lectin

Laticauda semifasciata III
(HM) *PROTEINS
(II) HYDROPHID VENOMS
(NO) neurotoxic protein in the venom of sea snake Laticauda semifasciata

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latrunculin A
(RN) 76343-93-6
(HM) *THIAZOLES
(II) MARINE TOXINS
(II) PORIFERA
(NO) 16-membered macrolide attached to 2-thiazolidinone moiety; from Red Sea sponge Latrunculia magnifica; see also latrunculin B; structure given in first source

latrunculin B
(RN) 76343-94-7
(HM) *THIAZOLES
(II) MARINE TOXINS
(II) PORIFERA
(NO) 14-membered macrolide attached to 2-thiazolidinone moiety; from Red Sea sponge Latrunculia magnifica; see also latrunculin A; structure given in first source

LATS absorbing activity see long-acting thyroid stimulator inhibitor

LATS-inhibitor see long-acting thyroid stimulator inhibitor

LATS-protector see long-acting thyroid stimulator protector

laudanosine
(RN) 2688-77-9
(HM) *ISOQUINOLINES
(II) OPIUM
(NO) opium alkaloid

3-lauramido-N,N-dimethylpropylamine oxide see LAPAO

laurel oil
(RN) 8002-41-3
(RR) 8000-44-0 (cherry laurel)
(RR) 8006-78-8 (laurel leaf)
(HM) *SESQUITERPENES
(II) PLANT EXTRACTS
(II) OILS, VOLATILE
(NO) sesquiterpene lactone in oil caused contact allergy

Laureth see polidocanol

laureth-9 see polidocanol

lauric acid
(RN) 143-07-7
(RR) 10124-65-9 (K salt)
(RR) 629-25-4 (Na salt)
(RR) 77840-29-0 (Ba.Cd salt[4:1:1])
(RR) 15337-60-7 (unspecified Ba.Cd salt)
(RR) 22993-28-8 (unspecified Ni salt)
(RR) 13282-11-6 (Ni(2+) salt)
(RR) 14622-13-0 (Li salt)
(RR) 4696-56-4 (Ca salt)
(RR) 4040-48-6 (Mg salt)
(RR) 2437-23-2 (NH4 salt)
(SY) dodecanoic acid
(SY) sodium laurate
(HM) *LAURIC ACIDS
(NO) More than 10 RR's recorded in Chemline

lauric acid hydroxylase see lauric acid monooxygenase

lauric acid in-chain-hydroxylase
(RN) EC 1.14.14.-
(SY) (cytochrome P-450)-dependent laurate in-chain-hydroxylase
(HM) *HYDROXYLASES
(NO) specific for lauric acid; hydroxylates at C-8, C-9 or C-10 of chain

lauric acid monooxygenase
(RN) EC 1.14.13.-
(SY) lauric acid hydroxylase
(SY) lauric acid omega-hydroxylase
(SY) lauric acid (omega-1)-hydroxylase
(SY) omega-1 hydroxylase
(HM) *HYDROXYLASES
(NO) cytochrome P-450 linked, requires NADPH

lauric acid omega-hydroxylase see lauric acid monooxygenase

lauric acid (omega-1)-hydroxylase see lauric acid monooxygenase

lauricidin see monolaurin

Laurosept
(RN) 104-73-4
(RR) 17342-21-1 (sulfate)
(RR) 3026-66-2 (iodide)
(RR) 104-74-5 (chloride)
(SY) laurylpyridinium bromide
(SY) dodecylpyridinium bromide
(SY) laurylpyridinium iodide
(HM) *PYRIDINIUM COMPOUNDS
(II) SURFACE-ACTIVE AGENTS
(II) DISINFECTANTS
(NO) RN given refers to bromide; RN for parent cpd not in Chemline 7/84

lauroyl lysolecithin see 3-dodecanoylpropanediol-1-phosphorylcholine

lauroyl peroxide
(RN) 105-74-8
(HM) *PEROXIDES
(PA) CARCINOGENS
(II) LIPID PEROXIDES

3-lauroyl-propanediol-1-phosphorylcholine see 3-dodecanoylpropanediol-1-phosphorylcholine

N-lauroylsarcosinate see sarkosyl

N-lauroylsarcosine see sarkosyl

lauryl acetate
(RN) 112-66-3
(SY) dodecyl acetate
(HM) *ACETIC ACIDS

laurylamidopropylbetain
(SY) N-dimethyl-N-propyldodecanamide betaine sodium
(HM) BETAINE/*analogs
(PA) SCHISTOSOMICIDES
(II) SURFACE-ACTIVE AGENTS
(NO) structure given in first source

lauryldimethylamine oxide see dodecyldimethylamine oxide

lauryl maltoside see dodecyl maltoside

laurylpropylenediamine
(RN) 10443-36-4
(HM) *DIAMINES

laurylpyridinium bromide see Laurosept

laurylpyridinium iodide see Laurosept

laurylsulfate see dodecyl sulfate

lauryl sulfate see dodecyl sulfate

lauryltrimethylammonium chloride see dodecyltrimethylammonium

lavendamycin
(RN) 81645-09-2
(HM) STREPTONIGRIN/*analogs
(NO) from Streptomyces lavendulae; structure given in first source

lavender oil
(RN) 8000-28-0
(HM) *OILS, VOLATILE
(II) PLANT EXTRACTS
(II) PLANTS, MEDICINAL

lavendomycin
(SY) FR-900201
(HM) PEPTIDES
(PA) ANTIBIOTICS
(NO) isolated from Streptomyces lavendulae; MW: 666; active against Gram-postitve bacteria

Lavsan
(RN) 25038-59-9
(SY) Mersilene
(SY) polyethylenglycolterephthalate
(SY) mylar
(HM) *POLYETHYLENE GLYCOLS
(HM) *PHTHALIC ACIDS
(NO) tested in USSR in plastic repair of damaged knee joints

lawsone
(RN) 83-72-7
(RR) 68310-00-9 (Na salt)
(SY) 2-hydroxy-1,4-naphthoquinone
(SY) henna
(SY) lawsonin
(HM) *NAPHTHOQUINONES
(PA) ANTIFUNGAL AGENTS
(II) SUNSCREENING AGENTS
(II) DYES
(NO) from leaves of Lawsonia inermis L. topical sunscreening agent; structure; powdered leaves of Lawsonia inermis(Lythraceae) used as brown hair dye; RN given refers to parent cpd

lawsonin see lawsone

Laxitex see sulisatin

laxoberal see picosulfate sodium

LA-1 see liver antigen LA-1

LA 1211 see imolamine

P lban protein see ban protein

LB 125 see cyprodenate

LCA aminoacylase I see N-long chain acyl aminoacylase

LCA aminoacylase II see N-long chain acyl aminoacylase

LC antigen see leukocyte common antigen

LCBBJL see Lycramine brilliant blue JL

LCB 29 see brolitene

LCDF see lymphotactin

LCOMP
(HM) LOMUSTINE
(HM) METHOTREXATE
(HM) PROCARBAZINE
(HM) VINCRISTINE
(HM) PREDNISONE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

LCP snail see large cardioactive peptide, Lymnaea stagnalis

LC-6
(RN) 66818-22-2
(SY) LC 6
(HM) *PYRAZOLES
(PA) ANTIHISTAMINICS
(NO) RN given refers to (trans)-isomer; RN for cpd without isomeric designation not in Chemline 7/84; structure

LC 6 see LC-6

LDAO see dodecyldimethylamine oxide

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LD-carboxypeptidase
(RN) EC 3.4.12.-
(HM) *CARBOXYPEPTIDASES

LD-Decoction see Liuwei Dihuang Decoction

LD4 dipeptidase see leukotriene D4 dipeptidase

L2-deficient myosin see myosin subfragments

LDIP see liver-derived inhibitory protein

LDL, glycosylated see glycosylated lipoproteins, LDL

LDL-In see low density lipoprotein inhibitor

LDL-sucrose
(SY) sucrose-LDL
(HM) *LIPOPROTEINS, LDL
(HM) *SUCROSE

LDL triacylglycerol see low density lipoprotein triglyceride

LDL triglyceride see low density lipoprotein triglyceride

LD-2855 see LD 2855

LD 2855
(RN) 31235-50-4
(SY) 2-(2,6-dimethylphenylamino)-2-delta 2-oxazoline
(SY) 2-(2,6-xylidino)-2-oxazoline
(SY) LD-2855
(HM) *OXAZOLES
(PA) ADRENERGIC BETA RECEPTOR AGONISTS

LD-3098 see LD 3098

LD 3098
(RN) 59939-16-1
(RR) 40600-13-3 (mono-HCl)
(SY) 2-(2'-cyclopropylphenoxymethyl)imidazoline.HCl
(SY) cirazoline
(SY) LD-3098
(HM) *IMIDAZOLES
(PA) ADRENERGIC BETA RECEPTOR AGONISTS
(PA) VASOCONSTRICTOR AGENTS, NASAL
(PA) ADRENERGIC ALPHA RECEPTOR AGONISTS
(NO) posseses agonist properties at alpha-adrenoreceptor sites; RN given refers to parent cpd

LD 4644 see pipebuzone

Le(b)-active ceramide hexasaccharide see Le(b)-active glycolipid

Le(b)-active glycolipid
(SY) Le(b)-active ceramide hexasaccharide
(HM) *GLYCOSPHINGOLIPIDS

lead acetate
(RN) 301-04-2
(HM) *LEAD

lead acetate, basic
(RN) 1335-32-6
(SY) lead subacetate
(HM) *LEAD

lead arsenate
(RN) 7645-25-2
(HM) *LEAD
(HM) *ARSENATES

lead aspartate
(RN) 72043-21-1
(HM) *LEAD
(HM) *ASPARTIC ACID
(NO) block stain for electron microscopy

lead azide
(RN) 13424-46-9
(HM) *AZIDES
(HM) *LEAD
(NO) explosive used on the tip of an explosive catheter in micro-explosion cystolithotripsy

lead carbonate
(RN) 598-63-0
(HM) *LEAD
(HM) *CARBONATES

lead chloride
(RN) 7758-95-4
(RR) 12612-47-4 (cpd with unspecified lead chloride)
(RR) 36677-76-6 (35Pb,1-(37)Cl-labeled cpd)
(RR) 36677-74-4 (35Pb-labeled cpd)
(RR) 36677-75-5 (37Pb-labeled cpd)
(SY) PbCl2
(HM) *LEAD
(NO) RN in 9th CI Form Index for cotunnite: 14639-87-3; RN given refers to cpd with MF of Pb-Cl2

lead chromate
(RN) 11119-70-3
(RR) 15804-54-3 (chromic acid-Pb(2+))
(RR) 7758-97-6 (chromic acid-Pb(2+)[1:1])
(SY) lead chromate yellow
(HM) *LEAD
(HM) *CHROMATES
(II) DYES
(NO) RN given refers to unspecified lead chromate

lead chromate yellow see lead chromate

lead citrate see citric acid

leader peptidase
(RN) EC 3.4.99.-
(SY) signal peptidase
(SY) prolipoprotein signal peptidase
(SY) procoat protein signal peptidase
(SY) lipoprotein signal peptidase
(SY) signal peptidase I
(HM) *ENDOPEPTIDASES
(NO) cleaves amino-terminal sequence from the precursor form of membrane proteins

lead haematoxylin
(HM) *HEMATOXYLIN

lead nitrate
(RN) 18256-98-9
(RR) 10099-74-8 (Pb(2+))
(RR) 35121-67-6 (210Pb(2+)-labeled cpd)
(HM) *LEAD
(HM) *NITRATES
(NO) RN given refers to unspecified lead nitrate

lead phosphate
(RN) 16040-38-3
(RR) 15845-52-0 (Pb(2+)-H3PO4[1:1])
(RR) 7446-27-7 (Pb(2+)-H3PO4[2:3])
(HM) *LEAD
(NO) RN given refers to unspecified MF

lead silicate
(RN) 11120-22-2
(RR) 13566-17-1 (H4SiO4 lead(2+) salt [1:2])
(RR) 15906-71-5 (H4SiO4 lead salt unspecified)
(RR) 10099-76-0 (H2SiO3 lead(2+) salt [1:1])
(HM) *LEAD
(HM) *SILICIC ACID
(NO) RN given refers to silicic acid lead salt unspecified

lead subacetate see lead acetate, basic

lead sulfate
(RN) 7446-14-2
(HM) *LEAD
(NO) RN given refers to cpd with MF of Pb-SO4

lead sulfide
(RN) 1314-87-0
(RR) 39377-56-5 (cpd with unspecified lead sulfide)
(SY) surma
(HM) *LEAD
(HM) *SULFIDES
(II) COSMETICS
(NO) surma refers to fine powder-like mascara, applied to conjunctival surfaces of eyes; originally contained antimony sulfide (derived from Urdu word for antimony); recently lead sulfide has been used due to scarcity of antimony; RN given refers to cpd with MF of Pb-S;

lead tetraacetate
(RN) 546-67-8
(RR) 60771-09-7 (203Pb-labeled cpd with unspecified lead tetraacetate)
(HM) *LEAD
(NO) RN given refers to cpd with MF of Pb-(C2H3O2)4; see also record for lead acetate

lead tetraoxide see lead tetroxide

lead tetroxide
(RN) 1314-41-6
(SY) lead tetraoxide
(SY) red lead oxide
(SY) azarcon
(HM) *LEAD

LEBP see enkephalin-Leu, 4'-bromo-Phe(4)-

lecanoric acid
(RN) 480-56-8
(RR) 38311-55-6 (mono-K salt)
(HM) *SALICYLATES
(PA) DECARBOXYLASES/antag
(NO) histidine decarboxylase inhibitor isolated from a strain of Pyricularia (deuteromycetes); RN given refers to parent cpd; structure

lecithin-bound iodine see jolethin

lecithin ether see choline plasmalogens

lecithin ethers see choline plasmalogens

lecithin HDL see high density lipoprotein phosphatidylcholine

lecithins, disaturated
(SY) disaturated lecithin
(SY) disaturated phosphatidylcholine
(HM) *PHOSPHATIDYLCHOLINES
(II) PULMONARY SURFACTANT

lecithin sulfonium analog see phosphatidylsulfocholine

lecithin transfer protein see phosphatidylcholine exchange protein

lecithovitellase
(RN) 63363-77-9
(HM) *ENZYMES

lecopain see lekozim

allo A lectin see Allomyrina lectin

lectin-binding protein, peas see pea lectin-binding protein

lectin, Helix pomatia see Helix lectin

Ledermix
(RN) 8059-68-5
(HM) *DEMETHYLCHLORTETRACYCLINE
(HM) *TRIAMCINOLONE ACETONIDE
(HM) DRUG COMBINATIONS
(NO) contains above two cpds

lefadol see 3-bromophenylsuccinimide

lefetamine see lephetamine

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leghemoglobin reductase, ferric see ferric leghemoglobin reductase

legumin
(RN) 8065-16-5
(HM) *VEGETABLE PROTEINS
(NO) from pea cotyledons

lei gong teng
(HM) *PLANT EXTRACTS
(NO) extracted from root bark of lei gong teng (Tripterygium wilfordii Hook); contains terpenes, glycosides, and alkaloids

leiocarposid see leiocarposide

leiocarposide
(RN) 71953-77-0
(SY) leiocarposid
(SY) 4 beta-glucopyranosyioxy-2-hydroxy-3-methoxybenzoyl-2-glucopyranosyloxy benzyl ester
(HM) *GLUCOSIDES
(PA) ANTI-INFLAMMATORY AGENTS
(PA) ANALGESICS
(II) PLANTS, MEDICINAL
(NO) from Solidago virgaurea L; RN given refers to (beta-D)-isomer; RN for cpd without isomeric designation not in Chemline 5/85

leiotonin
(HM) *MUSCLE PROTEINS
(II) CALCIUM-BINDING PROTEINS
(NO) 80,000 dalton component found with tropomyosin

leishmanin
(SY) Montenegro antigen
(SY) antigen, Montenegro
(HM) *ANTIGENS, PROTOZOAN
(II) LEISHMANIA

Lek(a) antigen see platelet specific antigen Lek(a)

lekopain see lekozim

lekozim
(SY) lekopain
(SY) lecopain
(HM) *PAPAIN
(HM) *CHYMOPAPAIN
(HM) DRUG COMBINATIONS
(NO) each vial contains lyophilized Carica papaya proteases (mainly chymopapain & papain)

lemnalol
(RN) 82570-34-1
(RR) 82526-69-0 (unspecified stereoisomer)
(HM) *SESQUITERPENES
(PA) ANTINEOPLASTIC AGENTS
(II) COELENTERATA
(NO) from coral Lemnalia tenuis; RN given refers also to unspecified stereoisomer; RN for cpd without isomeric designation not in Chemline 7/84; structure given in first source

lenacil
(RN) 2164-08-1
(SY) 3-cyclohexyl-5,6-trimethyleneuracil
(SY) hexylure
(SY) Venzar
(HM) URACIL/*analogs
(PA) HERBICIDES
(NO) Russian drug

lenoremycin see A-130A

lenperone
(RN) 24678-13-5
(RR) 24677-86-9 (HCl)
(SY) 4'-fluoro-4-(4-(p-fluorobenozyl)piperidino) butyrophenone
(SY) AHR 2277
(SY) AHR-2277
(HM) *BUTYROPHENONES
(PA) BUTYROPHENONE TRANQUILIZERS
(NO) antipsychotic of the butyrophenone class; like other major tranquilizers, it has some alpha-adrenergic blocking action & is antiemetic ; minor descriptor (76-85); on-line & Index Medicus search BUTYROPHENONES (76-85); RN given refers to parent cpd

Lens culinaris lectin see lentil lectin

lens fiber junction (MIP) protein see main intrinisc protein (lens membrane)

lens intrinsic protein MIP 21
(SY) MIP21
(SY) MIP-21
(HM) *EYE PROTEINS
(HM) *PEPTIDE FRAGMENTS
(II) MEMBRANE PROTEINS
(NO) trypsin cleavage product of MIP 26

lens intrinsic protein MP 19
(SY) lens protein MP19
(SY) MIP19
(HM) *EYE PROTEINS
(II) MEMBRANE PROTEINS
(NO) minor protein from lens membrane

lens neutral proteinase
(RN) EC 3.4.24.5
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) degrades alpha 2-crystallin; requires Ca & Mg

lens protein MP19 see lens intrinsic protein MP 19

lens protein MP26 see main intrinisc protein (lens membrane)

lentil lectin
(SY) Lens culinaris lectin
(HM) *LECTINS

leonurine
(RN) 24697-74-3
(SY) 4-guanidino-n-butyl syringate
(HM) GALLIC ACID/*analogs
(NO) isolated from leaves of Leonurus artemisia; has uterotonic effect; structure

Leo 271 f
(RN) 62899-40-5
(SY) estrone 17 beta-3-N-bis(2-chloroethyl)carbamate
(SY) estromustine
(HM) ESTRONE/*analogs
(HM) *NITROGEN MUSTARD COMPOUNDS
(NO) structure

lephetamine
(RN) 7262-75-1
(RR) 24301-90-4 (HCl)
(RR) 14148-99-3 (HCl(R)-(-)-isomer)
(SY) 1,2-diphenyl-1-dimethylaminoethane.HCl
(SY) lefetamine
(HM) *PHENETHYLAMINES
(PA) ANESTHETICS, LOCAL
(NO) RN given refers to (R)-(-)-isomer; cpd without isomeric designation not in Chemline 6/22/83; structure

lepirazepam
(HM) *BENZODIAZEPINES
(PA) BENZODIAZEPINE TRANQUILIZERS

leprosin A
(HM) *ANTIGENS, BACTERIAL
(II) MYCOBACTERIUM LEPRAE
(II) TUBERCULIN
(NO) soluble protein cell-free extract filtered sonicate of armadillo mycobacterium leprae used in skin tests

leptinotarsin
(RN) 73468-57-2
(HM) *PROTEINS
(II) NEUROTOXINS
(NO) from hemolymph of potato beetles of genus Leptinotarsa

leptofen see Innovar

leptomycin A
(RN) 87081-36-5
(HM) FATTY ACIDS, UNSATURATED
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) from Streptomyces sp. ATS1287; MF C32-H46-O6; structure given in second source

leptomycin B
(RN) 87081-35-4
(HM) FATTY ACIDS, UNSATURATED
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) from Streptomyces sp. ATS1287; MF C33-H48-O6; structure given in second source

leptophos oxon
(RN) 25006-32-0
(SY) O-(2,5-dichloro-4-bromophenyl)-O-methylphosphonate
(HM) *ORGANOPHOSPHORUS COMPOUNDS
(PA) INSECTICIDES, ORGANOPHOSPHATE
(NO) phosvel analog-oxygen substituting sulfur

leptotene meiosis-specific protein
(SY) leptotene protein
(HM) *NUCLEOPROTEINS
(II) MEMBRANE PROTEINS
(II) MEIOSIS
(NO) MW 73 k-Da protein from nuclear membranes of preleptotene, leptotene & zygotene cells; suppresses replication of zygotene DNA sequences

leptotene protein see leptotene meiosis-specific protein

leptryl see perimetazine

lergobine see diphenylpyraline

lergotrile
(RN) 36945-03-6
(RR) 65520-18-5 ((8alpha)-isomer)
(HM) LERGOTRILE MESYLATE/*analogs
(NO) RN given refers to parent cpd(8beta)-isomer; RN for cpd without isomeric designation not in Chemline 7/84

Lescol see Bactrim

lespenefril
(RN) 482-38-2
(SY) lespenephril
(HM) *FLAVONES
(PA) DIURETICS
(NO) RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 10/84

lespenephril see lespenefril

Lestrin see SC-11800 EE

letosteine
(RN) 53943-88-7
(SY) viscotiol
(HM) *THIAZOLES
(PA) EXPECTORANTS
(NO) structure

LETS see enkephalinamide-Leu, Tyr sulfate(1)-

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Leu-Ala-DED see leucyl-alanyl-dansylethylenediamine

Leu-1 antibody see OKT monoclonal antibodies

Leu antigens see differentiation antigens, T lymphocyte

Leu 2 antigen see differentiation antigens, T lymphocyte

Leu 3a antigen see differentiation antigens, T lymphocyte

Leu 4 antigen see differentiation antigens, T lymphocyte

Leu 5 antigen see differentiation antigens, T lymphocyte

Leu-Arg-Arg-Ala-Ser-Leu-Gly see kemptide

Leu-Asn-Leu-Lys-Ala-Leu-Leu-Ala-Val-Ala-Lys-Lys-Ile-LeuNH2 see mastoparan C

Leu(5)-beta-endorphin see beta-endorphin, Leu(5)-

leucinal

(RN) 82473-52-7
(SY) L-leucinal
(SY) 2-amino-4-methyl-1-pentanal
(HM) LEUCINE/*analogs
(PA) LEUCINE AMINOPEPTIDASE/antag
(NO) RN given refers to (S)-isomer; RN for cpd without isomeric designation not in Chemline 7/84

L-leucinal see leucinal

leucinamide

(RN) 687-51-4
(RR) 13079-20-4 ((+-)-isomer)
(RR) 13022-39-4 (monoacetate(S)-isomer)
(RR) 10466-61-2 (mono-HCl(S)-isomer)
(RR) 10466-60-1 (mono-HCl(+-)-isomer)
(HM) LEUCINE/*analogs
(NO) leucine aminopeptidase alternative substrate to leucyl beta naphthylamide; RN given refers to parent cpd(S)-isomer; RN for cpd without isomeric designation not in Chemline 7/84

leucine alpha ketoglutarate aminotransferase see leucine aminotransferase

leucine 2,3-aminomutase

(RN) EC 5.4.3.-
(HM) *AMINO ACID ISOMERASES
(NO) leucine is converted to 3-amino-4-methylpentanoate (beta leucine)

leucine aminotransferase

(RN) EC 2.6.1.6
(RR) 9030-37-9 (CRN)
(SY) leucine alpha ketoglutarate aminotransferase
(SY) L-methionine transaminase
(HM) *AMINOTRANSFERASES

L-leucine-4-antipyrinamide see WK-30

5-leucine-beta-endorphin see beta-endorphin, Leu(5)-

leucine-beta-naphthylamide

(RN) 732-85-4
(SY) Leu-Nap
(SY) N-L-leucyl-2-naphthylamine
(HM) LEUCINE/*analogs
(NO) aminopeptidase substrate

2-leucine-(1-deaminopenicillamine)oxytocin see oxytocin, 1-deaminopenicillamine-2-leucine-

leucine dehydrogenase

(RN) EC 1.4.1.9
(RR) 9082-71-7 (CRN)
(SY) branched chain amino acid dehydrogenase
(HM) *AMINO ACID OXIDOREDUCTASES

leucine enkephalin-acetaldehyde see enkephalin-Leu, acetaldehyde-

leucine enkephalin-2-alanine melphalan methyl ester see enkephalin-Leu, Ala(2) melphalan methyl ester

leucine enkephalin-2-alanine see enkephalin-Leu, Ala(2)-

leucine enkephalinamide-2-alanine aminoethyl dimer see enkephalinamide-Leu, Ala(2)-aminoethyl dimer

leucine enkephalinamide-2-alanine see enkephalinamide-Leu, Ala(2)-

leucine enkephalinamide-1-tyrosine sulfate see enkephalinamide-Leu, Tyr sulfate(1)-

leucine enkephalin-6-arginine see enkephalin-Leu, Arg(6)-

leucine enkephalin-4-(4'-bromophenylalanine) see enkephalin-Leu, 4'-bromo-Phe(4)-

leucine enkephalin-1-destyrosine see enkephalin-Leu, des-Tyr(1)-

leucine enkephalinethylamide-2-alanine-N-((2-nitro-4-azidophenyl)amino) see enkephalinethylamide-Leu, Ala(2)-N-((2-nitro-4- azidophenyl)amino)-

leucine enkephalin, 4-hydroxycinnamoyl(1)- see enkephalin-Leu, 4-hydroxycinnamoyl(1)-

leucine enkephalin, 2-threonyl-6-threonyl- see deltakephalin

6-D-leucine-10-N-ethylglycinamide-LHRH see LHRH, N-Et-GlyNH(2)(10)-Leu(6)-

leucine(5)-gramicidin A see gramicidin A, Leu(5)-

leucine hydroxamate

(RN) 31982-78-2
(SY) L-leucine hydroxamate
(HM) LEUCINE/*analogs
(NO) RN given refers to (S)-isomer; RN for cpd without isomeric designation not in Chemline 6/21/83

L-leucine hydroxamate see leucine hydroxamate

leucine (A19)insulin see insulin, Leu (A19)-

leucine (B24)insulin see insulin, Leu (B24)-

leucine (B25)insulin see insulin, Leu (B25)-

leucine-isoleucine-valine binding protein see leucyl-isoleucyl-valine-binding protein

leucine methyl ester

(RN) 2666-93-5
(RR) 7517-19-3 (HCl(L-Leu)-isomer)
(RR) 23032-21-5 ((D-Leu)-isomer)
(SY) methyl leucine
(HM) LEUCINE/*analogs
(NO) RN given refers to (L-Leu)-isomer; RN for cpd without isomeric designation not in Chemline 6/29/83

1-leucine-4-nitroanilide

(RN) 6664-98-8
(RR) 4178-93-2 ((S)-isomer)
(SY) L-leucine-4-nitroanilide
(SY) 1-leucyl-p-nitroanilide
(SY) 1-leucyl-4-nitroanilide
(HM) *ANILIDES
(NO) substrate for arylamidase; RN given refers to cpd without isomeric designation

L-leucine-4-nitroanilide see 1-leucine-4-nitroanilide

leucine sarcolysine

(RN) 3577-89-7
(SY) Asalei
(SY) Asaley
(HM) MELPHALAN/*analogs
(NO) Russian drug; structure

leucine-specific-binding protein

(SY) leucine-specific binding protein
(SY) LSBD
(HM) *CARRIER PROTEINS
(II) LEUCINE
(NO) periplasmic component of E. coli specified by the livK gene; serves as a high-affinity receptor in the transport of L- & D-leucine

leucine-specific binding protein see leucine-specific-binding protein

leucine-tRNA see tRNA, leucine-

leucinostatin see leucinostatin A

leucinostatin A

(RN) 76600-38-9
(RR) 39405-64-6 (leucinostatin)
(RR) 78184-61-9 (monoacetate salt)
(RR) 78149-02-7 (HCl)
(SY) A 20668
(SY) leucinostatin
(HM) PEPTIDES
(PA) ANTIBIOTICS
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) isolated from Penicillium lilacinum; A 20668 A,B,& C are polypeptide antibiotics that inhibit phosphorylation of ADP, Mg ATPase; RN given refers to leucinostatin A

leucinostatin B

(RN) 76663-52-0
(HM) PEPTIDES
(PA) ANTIBIOTICS
(NO) from Paecilomyces lilacinus A-267; structure given in second source

leucinthiol

(RN) 88264-65-7
(SY) 2-amino-4-methyl-1-pentanethiol
(HM) *SULFHYDRYL COMPOUNDS
(NO) structure in first source

leucoagglutinins, leukocyte see leukoagglutinins, leukocytes

leucoagglutinins, plants see leukoagglutinins, plants

leucocyanidin

(RN) 480-17-1
(RR) 15963-96-9 (duplicate RN)
(SY) 3,3',4,4',5,7-hexahydroflavane
(SY) leucodyanidol
(SY) resivit
(SY) flavanhexanol
(SY) 3,3',4,4',5,7-flavanhexanol
(SY) venen tabs
(SY) 5,7,3,4-tetrahydroxyflavan-3',4'-diol
(HM) *FLAVONES
(NO) for treatment of hemorroids

leucocyte common antigen see leukocyte common antigen

leuco-DCF diacetate see diacetyldichlorofluorescein

Leucodinine B see 4-hydroxyanisole

leucodyanidol see leucocyanidin

leucoegresin

(HM) *PROTEINS
(NO) chemotactic factor for polymorphonuclear leucocytes; protein free of nucleic acid; MW approx 140,000; may be IGG-derived

leucogentian violet

(RN) 603-48-5
(HM) GENTIAN VIOLET/*analogs
(NO) metabolite of gentian violet; structure given in first source

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leucomalachite green
(RN) 129-73-7
(SY) 4,4'-benzylidenebis(N,N-dimethylaniline)
(HM) *ANILINE COMPOUNDS
(II) DYES

leucomethylene blue
(RN) 613-11-6
(SY) Panatone
(SY) leukomethylene blue
(HM) METHYLENE BLUE/*analogs
(II) STAINS AND STAINING
(II) DYES
(NO) reduced form of methylene blue

leucotoxins see leukotoxin

leucotrofina see leukotrophin

leucotrophine see leukotrophin

leucyl-alanyl-dansylethylenediamine
(RN) 85589-23-7
(SY) Leu-Ala-DED
(HM) *DIPEPTIDES
(NO) substrate for aminopeptidases

4-leucylaminoantipyrine see WK-30

leucyl-arginyl-arginyl-alanyl-seryl-leucyl-glycine see kemptide

N-leucyldaunorubicin
(RN) 23828-86-6
(RR) 23828-85-5
(mono-HCl(8S-(8alpha,10alpha(R*)))-isomer
(RR) 66900-32-1 (8S-cis)-isomer
(RR) 74892-67-4 ((8S-(8alpha,10alpha(R*)))-isomer)
(RR) 74853-77-3
(mono-HCl(8S-(8alpha,10alpha(R*)))-isomer)
(SY) RP 20132
(SY) RP-20132
(HM) DAUNORUBICIN/*analogs
(NO) RN given refers to
(8S-(8alpha,10alpha(S*)))-isomer; RN for cpd without isomeric designation not in Chemline 8/22/83

6-D-leucyl-9-N-ethylprolinamide-10-deglycinamide-LHRH see leuprolide

leucylglycine see glycylleucine

leucyl-glycyl-glycine
(RN) 1187-50-4
(RR) 18625-22-4 ((D-Leu)-isomer)
(RR) 4337-37-5 ((DL-Leu)-isomer)
(SY) L-leucyl-glycyl-glycine
(SY) Leu-Gly-Gly
(HM) *OLIGOPEPTIDES
(NO) RN given refers to (L-Leu)-isomer; RN for cpd without isomeric designation not in Chemline 7/84

L-leucyl-glycyl-glycine see leucyl-glycyl-glycine

leucyl-isoleucyl-glutamyl-aspartyl-asparaginyl-glutamyl-tyrosyl-threonyl-alanyl-arginyl-glutamyl- glycine see Src peptide

leucyl-isoleucyl-valine-binding protein
(SY) LIV-BP
(SY) leucine-isoleucine-valine binding protein
(HM) *CARRIER PROTEINS

leucylleucine
(RN) 2883-36-5
(RR) 81344-48-1 (mono-HCl(L-Leu-L-Leu)-isomer)
(RR) 38689-30-4 ((D-Leu-D-Leu)-isomer)
(RR) 17665-02-0 ((L-Leu-D-Leu)-isomer)
(RR) 3303-31-9 ((L-Leu-L-Leu)-isomer)
(SY) L-leucyl-L-leucine
(SY) Leu-Leu
(HM) *DIPEPTIDES
(NO) RN given refers to (DL-Leu-DL-Leu)-isomer; RN for cpd without isomeric designation not in Chemline 9/6/83

L-leucyl-L-leucine see leucylleucine

leucyl-leucine-methyl ester
(RN) 13022-42-9
(SY) Leu-Leu-OMe
(HM) *DIPEPTIDES
(NO) RN given refers to all L-isomer; RN for cpd without isomeric designation not in Chemline 5/85

leucyl-leucyl-4-azido-2-nitrophenylalanine
(RN) 83447-91-0
(SY) LLANP
(SY) Leu-Leu-4-azido-2-nitroPhe
(HM) *AZIDES
(II) AFFINITY LABELS

leucyl-leucyl-leucine
(RN) 10329-75-6
(SY) Leu-Leu-Leu
(SY) trileucine
(HM) *OLIGOPEPTIDES
(NO) RN given refers to
(L-Leu-L-Leu-L-Leu)-isomer; RN for cpd without isomeric designation not in Chemline 7/84

6-D-leucyl-7-(N-methyl-L-leucyl)-9-N-ethylprolinamide-10-deglycinamide-LHRH see LHRH, N-Et-ProNH(2)(9)-Leu(6)-Leu(N- alpha-Me)(7)-des-GlyNH(2)(10)-

N-L-leucyl-2-naphthylamine see leucine-beta-naphthylamide

1-leucyl-p-nitroanilide see 1-leucine-4-nitroanilide

1-leucyl-4-nitroanilide see 1-leucine-4-nitroanilide

6-leucyl-(1-9-nonapeptide)LHRH ethylamide see leuprolide

L-leucyl-L-phenylalaninamide see leucyl-phenylalanine amide

leucyl-phenylalanine amide
(SY) Leu-Phe-NH2
(SY) L-leucyl-L-phenylalaninamide
(HM) *DIPEPTIDES

leucyl-phenylalanyl-seryl-leucyl-valyl-leucyl-alanyl- glycine see cAD1 bacterial sex hormone

leucyl-, phenylalanyl-tRNA-protein transferase see leucyltransferase

8-leucylphyllolitorin see phyllolitorin, Leu-8-

leucylproline
(RN) 6403-35-6
(SY) Leu-Pro
(HM) *DIPEPTIDES
(NO) RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 1/85

leucyl-prolyl-leucyl-arginyl-phenylalaninamide
(SY) LPLRFamide
(SY) LPLRF-amide
(SY) Leu-Pro-Leu-Arg-Phe-NH2
(HM) *OLIGOPEPTIDES
(NO) from chicken brain; increases blood pressure by mechanism that may involve release of noradrenaline

leucyltransferase
(RN) EC 2.3.2.6
(SY) leucyl-tRNA protein leucyltransferase
(SY) leucyl-, phenylalanyl-tRNA-protein transferase
(HM) *ACYLTRANSFERASES
(II) PEPTIDE CHAIN ELONGATION

leucyl-tRNA see tRNA, leucine-

leucyl tRNA see tRNA, leucine-

leucyl-tRNA protein leucyltransferase see leucyltransferase

8-leucyl-22-tryptophyl-iodo-25-tyrosyl-somatostatin-28 see somatostatin-28, Leu(8)-Trp(22)-(I-Tyr(25))-

2-Leu-(1-deaminopenicillamine)oxytocin see oxytocin, 1-deaminopenicillamine-2-leucine-

D-Leu(6)-des-Gly(10)-GNRH ethylamide see leuprolide

D-Leu(6), des Gly-NH(2)(10)-LHRH-ethylamide see leuprolide

Leu-enkephalin-acetaldehyde see enkephalin-Leu, acetaldehyde-

Leu enkephalin-Ala(2) melphalan methyl ester see enkephalin-Leu, Ala(2) melphalan methyl ester

Leu-enkephalin-Ala(2) see enkephalin-Leu, Ala(2)-

Leu-enkephalinamide-Ala(2) aminoethyl dimer see enkephalinamide-Leu, Ala(2)-aminoethyl dimer

Leu-enkephalinamide-Ala(2) see enkephalinamide-Leu, Ala(2)-

Leu-enkephalinamide-Tyr sulfate(1) see enkephalinamide-Leu, Tyr sulfate(1)-

Leu-enkephalin-Arg(6) see enkephalin-Leu, Arg(6)-

Leu-enkephalin-4'-bromo-Phe(4) see enkephalin-Leu, 4'-bromo-Phe(4)-

Leu-enkephalin-des-Tyr(1) see enkephalin-Leu, des-Tyr(1)-

Leu-enkephalinethylamide-Ala(2)-N-((2-nitro-4-azidophenyl)amino) see enkephalinethylamide-Leu, Ala(2)-N-((2-nitro-4- azidophenyl)amino)-

Leu-enkephalin-OHCIN see enkephalin-Leu, 4-hydroxycinnamoyl(1)-

Leu-enkephalin, Thr(2)-Thr(6)- see deltakephalin

Leu-Gly see glycylleucine

Leu-Gly-Gly see leucyl-glycyl-glycine

Leu(5)-gramicidin A see gramicidin A, Leu(5)-

Leu-Ile-Glu-Asp-Asn-Glu-Tyr-Thr-Ala-Arg-Glu-Gly see Src peptide

Leu (A19)insulin see insulin, Leu (A19)-

Leu (B24)insulin see insulin, Leu (B24)-

Leu (B25)insulin see insulin, Leu (B25)-

leukaemomycin D see daunorubicinol

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leukaemomycins
(RN) 58253-16-0
(RR) 61332-20-5 (leukaemomycin B1)
(HM) DAUNORUBICIN/*analogs
(NO) base complex of 4 components; leukaemomycin B1 identical with rubomycin B; leukaemomycin C identical with daunomycin, rubomycin C; leukaemomycin D identical with daunorubicinol; see also daunorubicinol: 28008-55-1; RN given refers to cpd with unknown MF

leukemia-AIA see leukemia-associated inhibitory activity

leukemia antigen, T cell see thymus-leukemia antigens

leukemia antigen, common acute lymphoblastic see common acute lymphoblastic leukemia antigens

leukemia-associated inhibitory activity
(SY) leukemia-AIA
(HM) COLONY-STIMULATING FACTOR/*antag
(II) LEUKEMIA
(II) BONE MARROW
(NO) bone marrow cells from patients with acute leukemia in remission produce inhibitor of granulocyte & macrophage colony formation in culture of normal bone marrow

leukemia-derived growth factor see transforming factor

leukemia procoagulant see cancer procoagulant

leukin
(HM) *BLOOD PROTEINS
(II) BLOOD BACTERICIDAL ACTIVITY
(II) NEUTROPHILS
(NO) cationic, antimicrobial, arginine-rich protein from lactic acid lysates of rabbit neutrophils

leukoagglutinins, leukocytes
(SY) leucoagglutinins, leukocyte
(HM) *AGGLUTININS
(NO) agglutinins found on leukocytes

leukoagglutinins, plants
(SY) leucoagglutinins, plants
(HM) *PHYTOHEMAGGLUTININS
(NO) agglutinins from plants; was leucoagglutinin (80-84); file-maintained to above NM

leukocyte common antigen
(SY) leucocyte common antigen
(SY) antigen, LC
(SY) LC antigen
(SY) monoclonal leukocyte common antigen
(SY) common leukocyte antigen p220
(HM) *HISTOCOMPATIBILITY ANTIGENS

leukocyte differentiation antigen see differentiation antigens, T lymphocyte

leukocyte elastase inhibitor see elastase-cathepsin G inhibitor

leukocyte endogenous mediator
(SY) leukocyte pyrogen
(SY) endogenous pyrogen
(HM) *PROTEINS
(II) PYROGENS
(II) LEUKOCYTES
(II) NEUTROPHILS
(NO) low MW protein (10,000-30,000) induces changes typical of those seen in acute phase of inflammation; prepared from rabbit polymorphonuclear leukocytes

leukocyte inhibitory factor
(HM) *LYMPHOKINES
(NO) inhibits migration of human polymorphonuclear leukocytes, but not human monocytes and guinea pig macrophages; MW 68,000; may be same as leukocyte endogenous mediator

leukocyte PCA see leukocyte procoagulant activity

leukocyte procoagulant activity
(SY) procoagulant activity, leukocyte
(SY) leukocyte PCA
(HM) *BLOOD COAGULATION FACTORS
(II) LEUKOCYTES

leukocyte L1 protein see L1 antigen

leukocyte 22K protein
(SY) 22K protein, leukocytes
(HM) *BLOOD PROTEINS
(PA) INTERFERON INDUCERS
(II) INTERFERON TYPE I
(NO) MW 22,000 produced by human peripheral blood leukocytes, stimulated with cycloheximide & actinomycin D

leukocyte pyrogen see leukocyte endogenous mediator

leukodiacetyl-2,7-dichlorofluorescein see diacetyldichlorofluorescein

Leukogen see Leyk

leukokininase
(RN) EC 3.4.-
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) membrane enzyme which acts on bound leukokinin-S cleaving it at amino end of threonine between residues 288 & 289, releasing free, active tuftsin

leukomethylene blue see leucomethylene blue

leukorecruitin
(HM) *BLOOD PROTEINS
(NO) chemorecruitin for polymorphonuclear granulocytes of humoral origin; formed concurrently to the activation of serum complement system

leukoregulin
(HM) *LYMPHOKINES
(PA) ANTINEOPLASTIC AGENTS
(NO) anticancer immunological hormone from lymphokine preparations

leukotoxin
(SY) leucotoxins
(HM) *EXOTOXINS

leukotriene A
(RN) 72059-45-1
(RR) 74497-09-9
((2alpha,3alpha(1E,3E,5Z,8Z))-(+-)-isomer)
(SY) 5(6)-oxido-7,9,11,14-eicosatetraenoic acid
(SY) leukotriene A4
(SY) leukotriene A3
(HM) *ARACHIDONIC ACIDS
(NO) RN given refers to (2S-(2alpha,3beta(1E,3E,5Z,8Z)))-isomer; RN for cpd without isomeric designation not in Chemline 7/84; structure

leukotriene A3 see leukotriene A

leukotriene A4 see leukotriene A

leukotriene B3
(RN) 88099-35-8
(RR) 88020-87-5 ((S-(R*,R*-(E,E,Z)))-isomer)
(SY) LTB3
(HM) *LEUKOTRIENES B
(NO) RN given refers to (R-(R*,S*-(E,Z,E)))-isomer; RN for cpd without isomeric designation not in Chemline 7/85; structure given in first source

leukotriene B5
(RN) 80445-66-5
(SY) LTB 5
(SY) 5,12-dihydroxy-6,8,10,14,17-eicosapentaenoic acid
(HM) *LEUKOTRIENES B
(HM) 5,8,11,14,17-EICOSAPENTAENOIC ACID/*analogs

leukotriene C-2
(RN) 74841-69-3
(RR) 72025-60-6 ((R-(R*,S*-(E,E,Z,Z)))-isomer)
(SY) 11-trans leukotriene
(SY) 5(S)-hydroxy-6(R)-S-glutathionyl-7,9,11-trans-14-cis-eicosatetraenoic acid
(HM) SRS-A/*analogs
(II) SLOW-REACTING SUBSTANCES
(NO) RN given refers to (R-(R*,S*-(E,E,E,Z)))-isomer; RN for cpd without isomeric designation not in Chemline 7/84

leukotriene C3 see leukotriene C-3

leukotriene C-3
(RN) 77209-77-9
(SY) 5-hydroxy-6-S-glutathionyl-7,9,11- eicosatrienoic acid
(SY) leukotriene C3
(HM) SRS-A/*analogs
(II) SLOW-REACTING SUBSTANCES
(NO) RN given refers to (R-(R*,S*-(E,E,Z)))-isomer; RN for cpd without isomeric designation not in Chemline 7/84

leukotriene C-5
(RN) 75207-09-9
(SY) 5-hydroxy-6-S-glutathionyl-7,9,11,14,17-eicosapentaenoic acid
(HM) 5,8,11,14,17-EICOSAPENTAENOIC ACID/*analogs
(HM) SRS-A/*analogs
(II) SLOW-REACTING SUBSTANCES
(NO) RN given refers to (R-(R*,S*-(E,E,Z,Z,Z)))-isomer; RN for cpd without isomeric designation not in Chemline 7/84; structure in first source

leukotriene D4 dipeptidase
(RN) EC 3.4.13.-
(SY) LD4 dipeptidase
(HM) *DIPEPTIDASES
(NO) converts leukotriene D4 to leukotriene E4

leukotriene E
(RN) 75715-89-8
(RR) 75715-88-7
((5S-(5R*,6S*(S*),7E,9E,11E,14Z))-isomer)
(SY) 5(S)-hydroxy-6(R)S-cysteinyl-7,9-trans-11,14-cis-eicosatetraenoic acid
(SY) leukotriene E4
(SY) LTE4
(SY) (5S,6R,7E,11Z,14Z)-5-hydroxy-6-((2R-amino-2-carboxyethyl)thio)-7,9,11,14-eicosatetraenoic acid
(HM) SRS-A/*analogs
(NO) component of SRS-A; leukotriene A C(6)-S-cysteine conjugate; RN given refers to (5S-(5R*,6S*(S*),7E,9E,11Z,14Z))-isomer; RN for cpd without isomeric designation not in Chemline 7/84

leukotriene E4 see leukotriene E

leukotriene F-4
(RN) 83851-42-7
(SY)
5(S)-hydroxy-6(R)-S-gamma-glutamylcysteine-7,9-trans-11,14-cis-eicosatetraenoic acid
(SY) LTF4
(HM) SRS-A/*analogs
(NO) formed by transpeptidation of leukotriene E

leukotriene A4 hydrolase
(RN) EC 3.3.2.-
(RR) 90119-07-6 (CRN)
(HM) *EPOXIDE HYDROLASES
(NO) catalyzes hydrolysis of leukotriene A4 to leukotriene B4; MW 68,000-70,000

leukotriene B4 20-hydroxylase
(RN) EC 1.14.99-
(SY) leukotriene B4 omega hydroxylase
(SY) LTB4 omega hydroxylase
(HM) *HYDROXYLASES

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leukotriene A methyl ester
(RN) 75879-18-4
(RR) 73466-12-3
((2S-(2alpha,3beta(1E,3E,5Z,8Z)))-isomer)
(RR) 72345-92-7
((2alpha,3beta(1E,3E,5Z,8Z))-(+-)-isomer)
(SY) leukotriene A4 methyl ester
(SY) LTA4 ME
(HM) *ARACHIDONIC ACIDS
(NO) RN given refers to (2alpha,3beta(1E,3E,5Z,8Z))-isomer; RN for cpd without isomeric designation not in Chemline 11/84

leukotriene A4 methyl ester see leukotriene A methyl ester

leukotriene C methyl ester
(SY) leukotriene C4 monomethyl ester
(SY) LTC4 ME
(HM) SRS-A/*analogs
(NO) structure given in first source

leukotriene C4 monomethyl ester see leukotriene C methyl ester

leukotriene B4 omega hydroxylase see leukotriene B4 20-hydroxylase

leukotriene A receptor
(SY) receptor, leukotriene A4
(SY) LTA4 receptors
(HM) *RECEPTORS, IMMUNOLOGIC

leukotriene B4 receptor
(SY) receptor, leukotriene B4
(SY) LTB4 receptors
(HM) *RECEPTORS, IMMUNOLOGIC
(II) LEUKOTRIENES B
(II) ARACHIDONIC ACIDS

leukotriene C4 receptor see SRS-A receptor

leukotriene D4 receptor see SRS-A receptor

leukotriene E receptor see SRS-A receptor

leukotriene E4 receptor see SRS-A receptor

leukotriene D receptors see SRS-A receptor

leukotriene F-4 sulfone
(RN) 84745-89-1
(SY) LTF4 sulfone
(SY) 5(S)-hydroxy-6(R)-gamma-glutamylcysteinyl-7,9-trans-11,14-cis-eicosatetraenoic acid-S,S- dioxide
(HM) SRS-A/*analogs
(NO) structure given in first source

leukotriene C4 synthetase
(RN) EC 2.5.1.-
(HM) *GLUTATHIONE TRANSFERASES
(NO) from particulate fraction of rat basophil leukemia homogenates; not sensitive to inhibitors of most soluble glutathione S-transferases

11-trans leukotriene see leukotriene C-2

14,15-leukotriene B4
(RN) 77667-09-5
(RR) 82263-61-4 ((S-(R*,S*-(E,E,Z,Z)))-isomer)
(RR) 82263-60-3 ((S-(R*,R*-(E,E,Z,Z)))-isomer)
(SY) 14,15-leukotriene B(4)
(SY) 14,15-dihydroxy-5,8,10,12-eicosatetraenoic acid
(SY) 14,15-LTB4
(HM) LEUKOTRIENES B/*analogs
(NO) RN given refers to cpd without isomeric designation; structure in first source

14,15-leukotriene B(4) see 14,15-leukotriene B4

8,15-leukotriene B4
(RN) 77667-08-4
(RR) 82219-45-2 ((R-(R*,S*-(E,E,E,Z)))-isomer)
(RR) 80234-67-9 ((S-(R*,S*-(E,E,E,Z)))-isomer)
(RR) 80234-66-8 ((S-(R*,R*-(E,E,E,Z)))-isomer)
(RR) 80234-65-7 ((S-(R*,R*-(E,E,Z,Z)))-isomer)
(RR) 80234-64-6 ((S-(R*,S*-(E,E,Z,Z)))-isomer)
(SY) 8,15-leukotriene B(4)
(SY) 8,15-dihydroxy-5,9,11,13-eicosatetraenoic acid
(SY) 8,15-LTB4
(SY) 8,15-diHETE
(HM) LEUKOTRIENES B/*analogs
(NO) RN given refers to cpd without isomeric designation; structure in first source

8,15-leukotriene B(4) see 8,15-leukotriene B4

leukotrofina see leukotrophin

leukotrophin
(SY) leucotrophine
(SY) leukotrofina
(SY) leucotrofina
(HM) *THYMUS EXTRACTS
(NO) thymus extract prepared by Ellem Laboratory, Milan, Italy; has stimulating effect on hematopoietic stem cells; do not confuse with leukotropin, RN in Chemline: 60154-12-3

Leu-Leu see leucylleucine

Leu-Leu-4-azido-2-nitroPhe see leucyl-leucyl-4-azido-2-nitrophenylalanine

Leu-Leu-Leu see leucyl-leucyl-leucine

Leu-Leu-OMe see leucyl-leucine-methyl ester

LEU-LHRH-EA see LHRH, N-Et-GlyNH(2)(10)-Leu(6)-

Leu(6)-LHRH ethylamide see LHRH, N-Et-GlyNH(2)(10)-Leu(6)-

D-Leu-6-LHRH (1-9)nonapeptide ethylamide see leuprolide

leumorphin see preproenkephalin

Leu-Nap see leucine-beta-naphthylamide

leupeptin
(RN) 24365-47-7
(RR) 81519-42-8 (monoacetate(S)-isomer)
(RR) 55123-66-5 ((S)-isomer)
(SY) acetyl-L-leucyl-L-leucyl-L-arginal
(HM) *LEUPEPTINS
(NO) RN given refers to parent cpd without isomeric designation

leupeptinase
(RN) EC 3.4.21.-
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) serine protease active at neutral pH; inhibited by isoflurophate & phenylmethylsulfonyl fluoride

Leu-Phe-NH2 see leucyl-phenylalanine amide

Leu-Phe-Ser-Leu-Val-Leu-Ala-Gly-OH see cAD1 bacterial sex hormone

Leu-Pro see leucylproline

Leu-Pro-Leu-Arg-Phe-NH2 see leucyl-prolyl-leucyl-arginyl-phenylalaninamide

leuprolide
(RN) 53714-56-0
(RR) 61911-90-8 ((DL-Leu)-isomer)
(RR) 54785-87-4 ((L-Leu)-isomer)
(SY) serono
(SY) LHRH, N-Et-ProNH(2)(9)-Leu(6)-des-GlyNH(2)(10)-
(SY) 6D-LHRH
(SY) GnRH, N-Et-ProNH(2)(9)-Leu(6)-des-GlyNH(2)(10)-
(SY) A-43818
(SY) 6-D-leucyl-9-N-ethylprolinamide-10-deglycinamide-LHRH
(SY) TAP-144
(SY) A 43818
(SY) TAP 144
(SY) D-Leu(6), des Gly-NH(2)(10)-LHRH-ethylamide
(SY) D-Leu-6-LHRH (1-9)nonapeptide ethylamide
(SY) D-Leu(6)-des-Gly(10)-GNRH ethylamide
(SY) 6-leucyl-(1-9-nonapeptide)LHRH ethylamide
(HM) LH-FSH RELEASING HORMONE/*analogs
(PA) ANTINEOPLASTIC AGENTS
(II) HORMONES, SYNTHETIC
(NO) more potent than native releasing hormone; RN given refers to (D-Leu-L-Pro)-isomer; RN for cpd without isomeric designation not in Chemline 8/4/83

leurosine-N'(b)-oxide see pleurosine

Leu-tRNA see tRNA, leucine-

Leu(8)-Trp(22)-(1-Tyr(25))-somatostatin-28 see somatostatin-28, Leu(8)-Trp(22)-(1-Tyr(25))-

Levair see aluminum sodium phosphate

levanase
(RN) EC 3.2.1.65
(RR) 9041-11-6 (CRN)
(SY) levan hydrolase
(SY) fructanase
(HM) *GLYCOSIDE HYDROLASES

levan fructotransferase
(RN) EC 2.4.1.-
(HM) *HEXOSYLTRANSFERASES
(NO) forms difructose 2,6'-6,2' dianhydride

levan hydrolase see levanase

levan saccharase see levansucrase

levansucrase
(RN) EC 2.4.1.10
(RR) 9030-17-5 (CRN)
(SY) levan saccharase
(HM) *HEXOSYLTRANSFERASES

levodopa methyl ester
(RN) 7101-51-1
(RR) 71855-43-1 ((D)-isomer)
(RR) 1421-65-4 (HCl(L)-isomer)
(RR) 40611-00-5 (HCl(DL)-isomer)
(SY) L-dopa methyl ester
(SY) methyl L-dopa
(SY) dl-dopa methyl ester
(HM) LEVODOPA/*analogs
(NO) RN given refers to parent cpd(L)-isomer; RN for cpd without isomeric designation not in Chemline 8/4/83

levofuraltodone see furaltadon

levomoprolol see moprolol

levomycetin succinate see chloramphenicol succinate

levonantradol see nantradol

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levonorgestrel
(RN) 797-63-7
(SY) Norplant
(HM) *NORGESTREL
(HM) CONTRACEPTIVES, ORAL, COMBINED
(II) STEREOISOMERS
(NO) see also records for NORGESTREL & levonorgestrel; RN given refers to (17alpha)-isomer; RN for cpd without isomeric designation not in Chemline 7/84

levopromazine sulfoxide see methotrimeprazine sulfoxide

levoristatin
(RN) 12640-71-0
(HM) *ACTINOMYCIN
(NO) isolated from Streptomyces levoris; components identical by their physical and chemical properties to the components of the actinomycin A complex

levulinic acid
(RN) 123-76-2
(RR) 19856-23-6 (Na salt)
(RR) 591-64-0 (Ca salt)
(RR) 87498-69-9 (NH4 salt)
(SY) diasporal
(SY) magnesium diasporal
(SY) calcium levulinate
(SY) calcium levulate
(HM) *LEVULINIC ACIDS
(NO) RN given refers to parent cpd; structure in Merck Index, 9th ed, #5316

Lewis blood group enzyme see N-acetylglucosaminide alpha 1-4-fucosyltransferase

lewisite
(RN) 541-25-3
(RR) 34461-56-8 ((Z)-isomer)
(SY) dichloro(2-chlorovinyl)arsine
(HM) *ARSENICALS
(NO) RN given refers to cpd without isomeric designation

Lexamine O-13 see N-(3-(dimethylamino)propyl)oleamide

lexan
(RN) 24936-68-3
(SY) polycarbonate plastic
(SY) lexan 104
(HM) *POLYMERS

lexan 104 see lexan

LexA product see lexA protein

lexA protein
(SY) lex A protein
(SY) LexA product
(SY) lexA repressor
(HM) *BACTERIAL PROTEINS
(II) REPRESSOR PROTEINS
(NO) form E coli; product of lexA gene; see also related record for gene proteins, bacterial

lexA repressor see lexA protein

lexone see metribuzin

lex A protein see lexA protein

Leyk
(RN) 1950-36-3
(SY) ethyl-4-carboxy alpha-phenyl-1,2-thiazolidine acetate
(SY) Leukogen
(HM) *THIAZOLES

LFA-1 see lymphocyte function-associated antigen

LFA-2 see lymphocyte function-associated antigen

LFA-3 see lymphocyte function-associated antigen

LFPC see lactofucopentaosyl(II)ceramide

LF 14
(RN) 88404-01-7
(SY) LF-14
(SY) 3-((dimethylamino)carbonyl)amino-4-aminopyridine
(HM) *AMINOPYRIDINES
(NO) affects mammalian non-myelinated nerve fibers; structure given in first source

LF-14 see LF 14

LF 153 see procetofenic acid

LF 17-895 see mepindolol

LF 2151
(RN) 54419-31-7
(SY) LF-2151
(HM) *PROCETOFEN/analogs
(NO) structure given in first source

LF-2151 see LF 2151

M-b-LG see maltosyl beta-lactoglobulin

LG 13979 see glunicate

LG-13979 see glunicate

LG 82400 see LG 82-4-00

LG 82-4-00
(SY) 5-(2-(1-imidazolyl)ethoxy)thiophene-2- carboxylic acid
(SY) LG 82400
(HM) *THIOPHENES
(PA) THROMBOXANE SYNTHETASE/antag
(NO) structure given in first source

Lg 82401 see LG 82-4-01

LG 82-4-01
(SY) 5-(2-(1-imidazolyl)ethoxy)-4-chlorothiophene-2-carboxylic acid
(SY) Lg 82401
(HM) *THIOPHENES
(PA) THROMBOXANE SYNTHETASE/antag
(NO) structure given in first source

anti-LH see gonadotropin inhibitor

LH-alpha see alpha subunit, pituitary hormones

LH-beta see luteinizing hormone beta subunit

LH-FSH releasing hormone, salmon
(SY) LHRH, salmon
(SY) salmon GnRH
(SY) GnRH, salmon
(SY) salmon LHRH
(SY) oxo-Pro-His-Trp-Ser-Tyr-Gly-Trp-Leu-Pro-GlyNH2
(SY) LHRH, Trp(7)-Leu(8)-
(HM) *LH-FSH RELEASING HORMONE
(II) SALMON
(NO) differs from pig LHRH by the addition of tryptophan in position 7 and removal of arginine from position 8

LHFSHRH receptor
(SY) gonadotropin-releasing hormone receptors
(SY) GnRH receptors
(SY) LHRH receptor
(SY) receptor, LHFSHRH
(SY) LHRH binding site
(SY) LHFSHRH receptors
(SY) GnRH receptor
(SY) gonadotropin receptor
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) LH-FSH RELEASING HORMONE

LHFSHRH receptors see LHFSHRH receptor

LHRBI see LH receptor binding inhibitor

LH receptor
(SY) luteininzing hormone receptor
(SY) receptor, LH
(SY) LH receptors
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) LH

LH-receptor binding inhibitor see LH receptor binding inhibitor

LH receptor binding inhibitor
(SY) LHRBI
(SY) LH-receptor binding inhibitor
(HM) *PEPTIDES
(PA) RECEPTORS, ENDOGENOUS SUBSTANCES/*antag
(NO) partially purified from aqueous extracts of ovaries of pseudopregnant and pregnant rats; partially inactivated by trypsin or pronase digestion; prevents binding of LH to ovarian LH receptors in rats

LH receptors see LH receptor

LHRH-A see LHRH, N-Et-ProNH(2)(9)-Trp(6)-des-GlyNH(2)(10)-

LHRHa see LHRH, N-Et-ProNH(2)(9)-Trp(6)-des-GlyNH(2)(10)-

LHRH(a) see LHRH, N-Et-ProNH(2)(9)-Trp(6)-des-GlyNH(2)(10)-

LHRH, N-Ac-Ala(1)-4-Cl-Phe(2)-Trp(3,6)-
(RN) 81557-54-2
(SY) GnRH, N-Ac-Ala(1)-4-Cl-Phe(2)-Trp(3,6)-
(SY) NAAPCPT-LHRH
(SY) LHRH-N-acetyl-1-alanyl-2-4-chlorophenylalanyl-3,6-tryptophan
(SY) N-acetyl-1-alanyl-2-4-chlorophenylalanyl-3,6-tryptophan-LHRH
(HM) LH-FSH RELEASING HORMONE/*analogs
(PA) LH-FSH RELEASING HORMONE/antag

LHRH, N-Ac-4-Cl-Phe(1,2)-Phe(3)-Arg(6)-AlaNH(2)(10)-
(RN) 85416-56-4
(SY) N-Ac-4-Cl-Phe(1,2)-Phe(3)-Arg(6)-AlaNH(2)(10)-LHRH
(SY) NAPP-PAA
(SY) LHRH-N-acetyl-1,2-p-chlorophenylalanyl-3-phenylalanyl-6-arginyl-10-alaninamide
(SY) N-acetyl-1,2-para-chlorophenylalanyl-3-phenylalanyl-6-arginyl-10-alaninamide-LHRH
(SY) LHRH, N-Ac-4-Cl-Phe(1,2)-Phe(3)-Arg(6)-Ala(10)-
(HM) LH-FSH RELEASING HORMONE/*analogs
(PA) LH-FSH RELEASING HORMONE/antag

LHRH, N-Ac-4-Cl-Phe(1,2)-Phe(3)-Arg(6)-Ala(10)- see LHRH, N-Ac-4-Cl-Phe(1,2)-Phe(3)-Arg(6)-AlaNH(2)(10)-

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LHRH,
N-Ac-4-Cl-Phe(1,2)-Trp(3)-Arg(6)-AlaNH(2)(10)-
(RN) 81608-49-3
(SY)
N-Ac-4-Cl-Phe(1,2)-Trp(3)-Arg(6)-AlaNH(2)(10)-LHRH
(SY) NAPT-TAA
(SY) LHRH-N-acetyl-1,2-(4-chlorophenylalanyl)-3-tryptophanyl-6-arginyl-10-alaninamide
(SY) N-acetyl-1,2-4-chlorophenylalanyl-3-tryptophanyl-6-arginyl-10-alaninamide-LHRH
(HM) LH-FSH RELEASING HORMONE/*analogs
(PA) LH-FSH RELEASING HORMONE/antag
(NO) suppresses ovulation

LHRH,
N-Ac-4-Cl-Phe(1,2)-Trp(3)-Lys(6)-Ala(10)-
(SY) GnRH,
N-Ac-4-Cl-Phe(1,2)-Trp(3)-Lys(6)-Ala(10)-
(SY) LHRH-N-acetyl-1,2-(4-chloro)phenylalanyl-3-tryptophanyl-6-lysyl-10-alanine
(SY) PTLA-LHRH
(HM) LH-FSH RELEASING HORMONE/*analogs
(PA) LH-FSH RELEASING HORMONE/antag

LHRH,
N-Ac-4-Cl-Phe(1,2)-Trp(3)-Phe(6)-AlaNH(2)(10)-
(RN) 78493-58-0
(SY)
N-Ac-4-Cl-Phe(1,2)-Trp(3)-Phe(6)-AlaNH(2)(10)-LHRH
(SY) NAPT-PAL
(SY) LHRH-N-acetyl-1,2-4-chlorophenylalanyl-3-tryptophanyl-6-phenylalanyl-10-alaninamide
(SY) N-acetyl-1,2-4-chlorophenylalanyl-3-tryptophanyl-6-phenylalanyl-10-alaninamide-LHRH
(SY) Org 30093
(SY) Org-30093
(HM) LH-FSH RELEASING HORMONE/*analogs
(PA) LH-FSH RELEASING HORMONE/antag

LHRH, N-Ac-4-Cl-Phe(1)(2)-Tryp(3)-Arg(6)-Ala(10)- see ORG 30276

LHRH,
Ac-dehydro-Pro(1)-4-Cl-Phe(2)-Trp(3,6)-
(RN) 80152-22-3
(SY) LHRH, acetyl-1-dehydroprolyl-2-4-chlorophenylalanyl-3,6-tryptophan-
(SY)
acetyl-1-dehydroprolyl-2-4-chlorophenylalanyl-3,6-tryptophan-LHRH
(SY) APCPT-LHRH
(HM) LH-FSH RELEASING HORMONE/*analogs
(PA) LH-FSH RELEASING HORMONE/antag

LHRH,
Ac-dehydro-Pro(1)-4-F-Phe(2)-Trp(3, 6)-
(RN) 78708-43-7
(SY) LHRH-acetyl-1-dehydroprolyl-2-(4-fluorophenylalanyl)-3,6-tryptophan
(SY) acetyl-1-dehydroprolyl-2-(4-fluorophenylalanyl)-3,6-tryptophan-LHRH
(SY) GNRH,
Ac-dehydro-Pro(1)-4-F-(Phe(2)-Trp(3,6)-
(SY) APFPT-LHRH
(SY) LHRH,
Ac-delta(3)-Pro(1)-4-F-Phe(2)-P-Trp(3,6)-
(SY) LHRH, Ac-delta(2)-Pro(1)-4-F-Phe(2)-Trp(3,6)-
(SY) GNRH, Ac-delta(2)-Pro(1)-p-F-Phe(2)-Trp(3,6)-
(SY) Ac-delta(2)-Pro(1)-4-F-Phe(2)-Trp(3,6)-LHRH
(SY) acetyl-delta(2)-prolyl(1)-4-fluoro-D-phenylalanyl(2)-tryptophanyl(3,6)-GNRH
(SY) 4F-antag
(HM) LH-FSH RELEASING HORMONE/*analogs
(PA) LH-FSH RELEASING HORMONE/antag
(NO) RN given refers to
(L-Pro-D-Phe-D-Trp-D-Trp)-isomer; RN for cpd without isomeric designation not in Chemline 8/84

LHRH,
Ac-delta(3)-Pro(1)-4-F-Phe(2)-Trp(3)-Lys(6)-
(RN) 84979-91-9
(SY) LHRH-acetyl-delta(3)-1-prolyl-2-para-fluorophenylalanyl-3-tryptophanyl-6-lysine
(SY) GnRH,
Ac-delta(3)-Pro(1)-4-F-Phe(2)-Trp(3)-Lys (6)-
(SY) acetyl-delta(3)-1-prolyl-2-para-fluorophenylalanyl-3-tryptophanyl-6-lysyl-LHRH
(SY) LHRH-PFPTL
(HM) LH-FSH RELEASING HORMONE/*analogs
(PA) LH-FSH RELEASING HORMONE/antag

LHRH, Ac-delta(2)-Pro(1)-4-F-Phe(2)-Trp(3,6)- see LHRH, Ac-dehydro-Pro(1)-4-F-Phe(2)-Trp(3,6)-

LHRH, Ac-delta(3)-Pro(1)-4-F-Phe(2)-P-Trp(3,6)- see LHRH, Ac-dehydro-Pro(1)-4-F-Phe(2)-Trp(3,6)-

LHRH-N-acetyl-1-alanyl-2-4-chlorophenylalanyl-3,6-tryptophan see LHRH, N-Ac-Ala(1)-4-Cl-Phe(2)-Trp(3,6)-

LHRH-N-acetyl-1,2-p-chlorophenylalanyl-3-phenylalanyl-6-arginyl-10-alaninamide see LHRH,
N-Ac-4-Cl-Phe(1,2)-Phe(3)-Arg(6)-AlaNH(2)(10)-

LHRH-N-acetyl-1,3-(4-chlorophenylalanyl)-3-tryptophanyl-6-arginyl-10-alaninamide see LHRH,
N-Ac-4-Cl-Phe(1,2)-Trp(3)-Arg(6)-AlaNH(2)(10)-

LHRH-N-acetyl-1,2-(4-chlorophenylalanyl)-3-tryptophanyl-6-arginyl-10-alanine see ORG 30276

LHRH-N-acetyl-1,2-(4-chloro)phenylalanyl-3-tryptophanyl-6-lysyl-10-alanine see LHRH,
N-Ac-4-Cl-Phe(1,2)-Trp(3)-Lys(6)-Ala(10)-

LHRH-N-acetyl-1,2-4-chlorophenylalanyl-3-tryptophanyl-6-phenylalanyl-10-alaninamide see LHRH,
N-Ac-4-Cl-Phe(1,2)-Trp(3)-Phe(6)-AlaNH(2)(10)-

LHRH, acetyl-1-dehydroprolyl-2-4-chlorophenylalanyl-3,6-tryptophan- see LHRH,
Ac-dehydro-Pro(1)-4-Cl-Phe(2)-Trp(3,6)-

LHRH-acetyl-1-dehydroprolyl-2-(4-fluorophenylalanyl)-3,6-tryptophan see LHRH,
Ac-dehydro-Pro(1)-4-F-Phe(2)-Trp(3,6)-

LHRH-acetyl-delta(3)-1-prolyl-2-para-fluorophenylalanyl-3-tryptophanyl-6-lysine see LHRH,
Ac-delta(3)-Pro(1)-4-F-Phe(2)-Trp(3)-Lys(6)-

LHRH-N-acetyl-1-4-fluorophenylalanyl-2-4-chlorophenylalanyl-3,6-tryptophanyl-10-alaninamide see LHRH,
N-Ac-4-F-Phe(1)-4-Cl-Phe(2)-Trp(3,6)-AlaNH(2) (10)-

LHRH, 1-(N-acetyl-2-naphthylalanyl)-2-(4-chlorophenylalanyl)-3-tryptophyl-6-diethyl homoarginyl-10-alanine- see RS 68439

LHRH, 1-acetylnaphthylalanyl-2-4-fluorophenylalanyl-3-tryptophyl-6-arginine- see LHRH,
acetyl-2-(2-naphthyl)-Ala(1)-4-F-Phe(2)-Trp(3)- Arg(6)-

LHRH,
acetyl-2-(2-naphthyl)-Ala(1)-4-F-Phe(2)-Trp(3)-Arg(6)-
(RN) 87687-22-7
(SY) 1-acetylnaphthylalanyl-2-para-fluorophenylalanyl-3-tryptophyl-6-arginine-LHRH
(SY)
Ac-D-NAL(2)(1)-4F-Phe(2)-Trp(3)-Arg(6)-LHRH
(SY) LHRH, 1-acetylnaphthylalanyl-2-4-fluorophenylalanyl-3-tryptophyl-6-arginine-
(SY) acetyl-beta-naphthyl-Ala(1)-4F-Phe(2)-Trp(3)-Arg(6)-LHRH
(SY) ANAPTA-LHRH
(SY) ORF 18260
(SY) ORF-18260
(HM) LH-FSH RELEASING HORMONE/*analogs
(PA) LH-FSH RELEASING HORMONE/antag
(NO) RN given refers to all D-isomer; RN for cpd without isomeric designation not in Chemline 8/84

LHRH, N-acetyl-1-naphthyl-2-(4-chlorophenylalanyl)-3-tryptophyl-6-arginyl-7-phenylalanyl-10-alanine- see LHRH,
N-Ac-1-naphthyl-(4-Cl-Phe)(2)-Trp(3)-Arg(6)-Phe (7)-Ala(10)-

LHRH-N-acetyl-1,3-tryptophanyl-2-4-chlorophenylalanyl-6-lysyl-10-alaninamide see LHRH,
N-Ac-Trp(1,3)-4-Cl-Phe(2)-Lys(6)-AlaNH(2)(10)-

LHRH-1,3-N-acetyl-D-tryptophanyl-2-para-chlorophenylalanyl-6-phenylalanyl-10-alanine see LHRH,
N-Ac-Trp(1,3)-4-Cl-Phe(2)-Phe(6)-Ala(10)-

LHRH-N-acetyl-1,3-tryptophyl-2-p-chlorophenylalanyl-6-arginyl-10-alanine see LHRH,
N-Ac-Trp(1,3)-4-Cl-Phe(2)-Arg(6)-Ala(10)-

LHRH, N-Ac-2-naphthyl-Ala(1)-(4-Cl-Phe)(2)-Trp(3)-hArg(Et2)(6)-Ala(10)- see RS 68439

LHRH,
N-Ac-1-naphthyl-(4-Cl-Phe)(2)-Trp(3)-Arg(6)-Phe(7)-Ala(10)-
(RN) 96394-82-0
(SY) LHRH, N-acetyl-1-naphthyl-2-(4-chlorophenylalanyl)-3-tryptophyl-6-arginyl-7-phenylalanyl-10-alanine-
(SY)
Ac-NAL(1)-4Cl-Phe(2)-Trp(3)-Arg(6)-Phe(7)-Ala(10)-LHRH
(SY) 1-acetylnaphthyl-2-(4-chlorophenylalanyl)-3-tryptophyl-6-arginyl-7-phenylalanyl-10-alanine-LHRH
(SY) LHRH-NPTAPA
(HM) LH-FSH RELEASING HORMONE/*analogs
(PA) LH-FSH RELEASING HORMONE/antag
(NO) RN given in first source; RN given refers to (all-D-isomer); RN for cpd without isomeric designation not available 8/85

LHRH,
N-Ac-4-F-Phe(1)-4-Cl-Phe(2)-Trp(3,6)-AlaNH(2)(10)-
(RN) 78493-49-9
(SY) LHRH-N-acetyl-1-4-fluorophenylalanyl-2-4-chlorophenylalanyl-3,6-tryptophanyl-10- alaninamide
(SY) NAF-PCPTAL
(SY) N-acetyl-1-4-fluorophenylalanyl-2-4-chlorophenylalanyl-3,6-tryptophanyl-10- alaninamide
(HM) LH-FSH RELEASING HORMONE/*analogs
(PA) LH-FSH RELEASING HORMONE/antag

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LHRH, N-Ac-Trp(1,3)-4-Cl-Phe(2)-Arg(6)-Ala(10)-

(SY) N-Ac-Trp(1,3)-4-Cl-Phe(2)-Arg(6)-Ala(10)-LHRH
(SY) LHRH-N-acetyl-1,3-tryptophyl-2-p-chlorophenylalanyl-6-arginyl-10-alanine
(SY) N-acetyl-1,3-tryptophyl-2-p-chlorophenylalanyl-6-arginyl-10-alanine-LHRH
(SY) ACTCAA-LHRH
(HM) LH-FSH RELEASING HORMONE/*analogs
(PA) LH-FSH RELEASING HORMONE/antag

LHRH, N-Ac-Trp(1,3)-4-Cl-Phe(2)-Lys(6)-AlaNH(2)(10)-

(SY) ATTCPL-LHRH
(SY) LHRH-N-acetyl-1,3-tryptophanyl-2-4-chlorophenylalanyl-6-lysyl-10-alaninamide
(SY) N-acetyl-1,3-tryptophanyl-2-4-chlorophenylalanyl-6-lysyl-10-alaninamide-LHRH
(SY) N-Ac-Trp(1,3)-4-Cl-Phe(2)-Lys(6)-AlaNH(2)(10)-LHRH
(HM) LH-FSH RELEASING HORMONE/*analogs
(PA) LH-FSH RELEASING HORMONE/antag

LHRH, N-Ac-Trp(1,3)-4-Cl-Phe(2)-Phe(6)-Ala(10)-

(RN) 78493-59-1
(RR) 78498-47-2
((DL-Trp-D-4-Cl-Phe-D-Trp-L-Ser-L-Tyr-D-Phe-L-Leu-L-Arg-L-Pro)-isomer)
(SY) N-Ac-Trp(1,3)-4-Cl-Phe(2)-Phe(6)-Ala(10)-LHRH
(SY) LHRH-1,3-N-acetyl-D-tryptophanyl-2-para-chlorophenylalanyl-6-phenylalanyl-10-alanine
(SY) ATCPPA-LHRH
(SY) 1,3-N-acetyl-D-tryptophanyl-2-para-chlorophenylalanyl-6-phenylalanyl-10-alanine- LHRH
(HM) LH-FSH RELEASING HORMONE/*analogs
(PA) LH-FSH RELEASING HORMONE/antag
(NO) RN given refers to (D-Trp-D-4-Cl-Phe-D-Trp-L-Ser-L-Tyr-D-Phe-L-Leu-L-Arg-L-Pro)-isomer; RN for cpd without isomeric designation not in Chemline 8/84

LHRH(5-10), Ac-

(RN) 52608-59-0
(SY) Ac-LHRH(5-10)
(SY) acetyl-LHRH(5-10)
(HM) *LH-FSH RELEASING HORMONE
(HM) *PEPTIDE FRAGMENTS

LHrH, Ala(6)-N-Me-Leu(7)-N-Et-Pro(9)- see Wy 40905

LHRH, Ala(2-naphthyl)(6)-

(RN) 76932-56-4
(RR) 76932-60-0 (mono-acetate salt)
(SY) NALHRH
(SY) Ala(2-naphthyl)(6)-
(SY) LHRH-6-D-(2-naphthyl)alanine
(SY) 6-D-(2-naphthyl)alanine-LHRH
(SY) D(NAL2)(6)GNRH
(SY) nafarelin acetate
(SY) nafarelin
(HM) LH-FSH RELEASING HORMONE/*analogs
(NO) LHRH agonist; RN given refers to parent cpd

LHRH-6-D-alanyl-9-N-ethylprolinamide-10-deglycinamide see AY 25,205

LHRH-6-alanyl-7-N-methyl-leucyl-9-N-ethyl-proline see Wy 40905

LHRH(1-6)amide

(RN) 37783-55-4
(SY) LHRH(1-6)NH2
(HM) *LH-FSH RELEASING HORMONE
(HM) *PEPTIDE FRAGMENTS

LHRH binding site see LHFSHRH receptor

LHRH-biotin-lysine(6) see LHRH, biotin-Lys(6)

LHRH, biotin-Lys(6)

(RN) 84806-41-7
(SY) biotinylated-Lys(6)-GNRH
(SY) LHRH-biotin-lysine(6)
(SY) biotinylated-lysine(6)-LHRH
(SY) biotinyl-Lys(6)-GNRH
(HM) LH-FSH RELEASING HORMONE/*analogs
(NO) RN given refers to (3aS-(3aalpha,4beta,6aalpha)(D-Lys))-isomer; RN for cpd without isomeric designation not in Chemline 1/11/84

LHRH-1,6-cyclo-(1-acetylglutamyl-2-phenylalanyl-3-tryptophanyl-6-lysine see LHRH, 1,6-cyclo(Ac-Glu(1)-Phe(2)-Trp(3)-Lys(6)-

LHRH, 1,6-cyclo(Ac-Glu(1)-Phe(2)-Trp(3)-Lys(6)-

(RN) 86123-13-9
(SY) 1,6-cyclo(Ac-Glu(1)-Phe(2)-Trp(3)-Lys(6)-LHRH
(SY) LHRH-1,6-cyclo-(1-acetylglutamyl-2-phenylalanyl-3-tryptophanyl-6-lysine
(SY) 1,6-cyclo-(1-acetylglutamyl-2-phenylalanyl-3-tryptophanyl-6-lysine-LHRH
(SY) CGPTL-LHRH
(HM) LH-FSH RELEASING HORMONE/*analogs

LH-RH degrading endopeptidase

(RN) EC 3.4.99.-
(HM) *PEPTIDOHYDROLASES
(NO) cleaves preferentially at Tyr-Gly bond

LHRH, 10-des-glycine- see LHRH, des-Gly(10)-

LHRH, des-Gly(10)-

(RN) 37783-52-1
(SY) des-Gly(10)-LHRH
(SY) LHRH, 10-des-glycine-
(SY) 10-des-glycine-LHRH
(HM) LH-FSH RELEASING HORMONE/*analogs

LHRH, des-(pGlu)(1)-

(SY) GnRH, des-(pGlu)(1)-
(SY) LHRH, des-(pyroglutamyl)(1)-
(SY) des-(pyroglutamyl)(1)-LHRH
(SY) des-(pGlu)(1)-LHRH
(HM) LH-FSH RELEASING HORMONE/*analogs

LHRH, des-(pyroglutamyl)(1)- see LHRH, des-(pGlu)(1)-

LHRH-des-5-tyrosine see LHRH, des-Tyr(5)-

LHRH, des-Tyr(5)-

(RN) 52186-43-3
(SY) des-Tyr(5)-LHRH
(SY) LHRH-des-5-tyrosine
(SY) des-5-tyrosine-LHRH
(HM) LH-FSH RELEASING HORMONE/*analogs
(NO) RN given refers to (L)-tyrosine isomer

LHRH-6-(N-epsilon-azidobenzoyl-lysine) see LHRH, Lys(6)-N-epsilon-azidobenzoyl-

LHRH, N-Et-Ala(6)-

(RN) 54797-49-8
(SY) D-Ala(6), ethylamide(10)-LHRH
(SY) (D-alanine(6),ethylamide(10))-LHRH
(SY) GnRH, N-Et-Ala(6)-
(SY) Ala(6)-LHRH ethylamide
(SY) D-Ala(6)-gonadotropin releasing hormone ethylamide
(SY) 6-alanine-10-ethylamide-LHRH
(HM) LHFSHRH/*analogs

LHRH, N-Et-GlyNH(2)(10)-Leu(6)-

(RN) 71779-20-9
(SY) Leu(6)-LHRH ethylamide
(SY) LHRH-6-D-leucine-10-N-ethylglycinamide
(SY) 6-D-leucine-10-N-ethylglycinamide-LHRH
(SY) LEU-LHRH-EA
(HM) LH-FSH RELEASING HORMONE/*analogs

LHRH-9-N-ethylprolinamide-10-deglycinamide see LHRH, N-Et-ProNH(2)(9)-des-GlyNH(2)(10)-

LHRH, N-Et-ProNH(2)(9)-Ala(6)-des-GlyNH(2)(10)- see AY 25,205

LHRH, N-Et-ProNH(2)(9)-des-GlyNH(2)(10)-

(RN) 38234-21-8
(RR) 66002-66-2 (acetate)
(SY) des-GlyNH(2)(10)-LHRH ethylamide
(SY) LHRH-9-N-ethylprolinamide-10-deglycinamide
(SY) 9-N-ethylprolinamide-10-deglycinamide-LHRH
(SY) DGNH-LHRH
(SY) fertirelin
(SY) desGly(10)-Pro(9)-LHRH ethylamide
(HM) LH-FSH RELEASING HORMONE/*analogs
(II) HORMONES, SYNTHETIC
(NO) analog of luteinizing hormone releasing factor; more potent than LHFSHRH; RN given is for releasing factor from pig; RN given refers to parent cpd

LHRH, N-Et-ProNH(2)(9)-His(imBzl)(6)-des-GlyNH(2)(10)-

(RN) 76712-82-8
(SY) GnRH, N-Et-ProNH(2)(9)-His(imBzl)(6)-des-GlyNH (2)(10)-
(SY) IBHPE-LHRH
(SY) LHRH-6-imidazoylbenzylhistidyl-9-N-ethylprolinamide-10-deglycinamide
(SY) 6-imidazoylbenzylhistidyl-9-N-ethylprolinamide-10-deglycinamide-LHRH
(SY) ((im bzl)-D-His(6), Pro(9)-NEt)LHRH
(SY) histrelin
(HM) LH-FSH RELEASING HORMONE/*analogs
(NO) gonadotropin releasing hormone agonist

LHRH, N-Et-ProNH(2)(9)-Leu(6)-des-GlyNH(2)(10)- see leuprolide

LHRH, N-Et-ProNH(2)(9)-Leu(6)-Leu(N-alpha-Me)(7)-des-GlyNH(2)(10)-

(RN) 76500-08-8
(SY) DGLMLP-LHRH
(SY) GnRH, N-Et-ProNH(2)(9)-Leu(6)-Leu(N-alpha-Me) (7)-des-GlyNH(2)(10)-
(SY) LHRH-6-D-leucyl-7-(N-methyl-L-leucyl)-9-N-ethylprolinamide-10-deglycinamide
(SY) 6-D-leucyl-7-(N-methyl-L-leucyl)-9-N-ethylprolinamide-10-deglycinamide-LHRH
(HM) LH-FSH RELEASING HORMONE/*analogs
(II) HORMONES, SYNTHETIC
(NO) LH-FSHRH agonist

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LHRH, N-Et-ProNH(2)(9)-Trp(6)-des-GlyNH(2)(10)-

(RN) 57773-65-6
(SY) GnRH, N-Et-ProNH(2)(9)-Trp(6)-des-GlyNH(2)(10)-
(SY) TPNET-LRF
(SY) LHRH-6-tryptophanyl-9-N-ethylprolinamide-10-deglycinamide
(SY) 6-tryptophanyl-9-N-ethylprolinamide-10-deglycinamide-LHRH
(SY) T-dG-P-NET-LHRH
(SY) Trp(6)-des-GlyNH(2)(10)-LHRH ethylamide
(SY) LHRH, D-Trp(6)-Pro(9)-Net
(SY) LHRH(a)
(SY) LHRHa
(SY) LHRH-A
(HM) LH-FSH RELEASING HORMONE/*analogs
(II) DELAYED-ACTION PREPARATIONS
(NO) long-acting analog of LHFSHRH

LHRH, N-Et-ProNH(2)(9)-Trp(6)-Leu(N-Me)(7)-des-GlyNH(2)(10)- see Wy 40972

LHRH, Gln(8)-

(RN) 47922-48-5
(SY) LHRH-8-glutamine
(SY) 8-glutamine-LHRH
(HM) LH-FSH RELEASING HORMONE/*analogs

LHRH-8-glutamine see LHRH, Gln(8)-

LHRH-6-imidazoylbenzylhistidyl-9-N-ethylprolinamide-10-deglycinamide see LHRH, N-Et-ProNH(2)(9)-His(imBzl)(6)-des-GlyNH(2)(10)-

LHRH-6-D-leucine-10-N-ethylglycinamide see LHRH, N-Et-GlyNH(2)(10)-Leu(6)-

LHRH-6-D-leucyl-7-(N-methyl-L-leucyl)-9-N-ethylprolinamide-10-deglycinamide see LHRH, N-Et-ProNH(2)(9)-Leu(6)-Leu(N- alpha-Me)(7)-des-GlyNH(2)(10)-

LHRH-like peptide

(SY) GNRH-like factor
(SY) LHRH-like substance
(HM) *PEPTIDES
(II) LH-FSH RELEASING HORMONE
(NO) found in rat testis, seminal plasma

LHRH-like substance see LHRH-like peptide

LHRH, Lys(6)-N-epsilon-azidobenzoyl-

(RN) 78527-81-8
(SY) GnRH, Lys(6)-N-epsilon-azidobenzoyl-
(SY) LHRH-6-(N-epsilon-azidobenzoyl-lysine)
(SY) LAB-GnRH
(SY) 6-(N-epsilon-azidobenzoyl-lysine)-LHRH
(SY) (azidobenzoyl-D-Lys(6))LHFSHRH
(HM) LH-FSH RELEASING HORMONE/*analogs
(HM) *AZIDES
(II) AFFINITY LABELS

LHRH-6-lysine see LHRH, Lys(6)-

LHRH-8-lysine see LHRH, Lys(8)-

LHRH, Lys(6)-

(RN) 52671-12-2
(SY) LHRH-6-lysine
(SY) 6-lysine-LHRH
(SY) GnRH, Lys(6)-
(HM) LH-FSH RELEASING HORMONE/*analogs

LHRH, Lys(8)-

(RN) 35544-05-9
(SY) LHRH-8-lysine
(SY) 8-lysine-LHRH
(HM) LH-FSH RELEASING HORMONE/*analogs

LHRH-6-D-(2-naphthyl)alanine see LHRH, Ala(2-naphthyl)(6)-

LHRH(1-6)NH2 see LHRH(1-6)amide

LHRH-NPTAPA see LHRH, N-Ac-1-naphthyl-(4-Cl-Phe)(2)-Trp(3)-Arg(6)-Phe(7)-Ala(10)-

LHRH-PFPTL see LHRH, Ac-delta(3)-Pro(1)-4-F-Phe(2)-Trp(3)-Lys(6)-

LHRH, D-pGlu(1)-D-Phe(2)-D-Trp(3,6)- see LHRH, pGlu(1)-Phe(2)-Trp(3,6)-

LHRH, pGlu(1)-Phe(2)-Trp(3)-Lys(6)-

(RN) 70204-28-3
(SY) GNRH, pGlu(1)-Phe(2)-Trp(3)-Lys(6)-
(SY) 1-pyroglutamyl-2-phenylalanyl-3-tryptophyl-6-lysine-LHRH
(SY) LHRH, 1-pyroglutamyl-2-phenylalanyl-3-tryptophyl-6-lysine-
(HM) LH-FSH RELEASING HORMONE/*analogs
(PA) LH-FSH RELEASING HORMONE/antag
(NO) RN given refers to all D-isomer; RN for cpd without isomeric designation not in Chemline 7/84

LHRH, pGlu-Phe-Trp-Ser-Lys(6)-N-epsilon-azidobenzoyl-

(RN) 85371-77-3
(SY) GNRH, pGlu-Phe-Trp-Ser-Lys(6)-N-epsilon-azidobenzoyl-
(SY) pGlu-Phe-Trp-Ser-Lys(6)-N-epsilon-azidobenzoyl-GNRH
(SY) pyroglutamyl-phenylalanyl-tryptophyl-seryl-lysine(6)-(N-azidobenzoyl)GNRH
(SY) PGPTSLA-GNRH
(HM) LH-FSH RELEASING HORMONE/*analogs
(HM) *AZIDES
(PA) LH-FSH RELEASING HORMONE/antag
(II) AFFINITY LABELS

LHRH, pGlu(1)-Phe(2)-Trp(3,6)-

(RN) 68059-94-9
(SY) GnRH, pGlu(1)-Phe(2)-Trp(3,6)-
(SY) LHRH-1-pyroglutamyl-2-phenylalanyl-3,6-tryptophan
(SY) 1-pyroglutamyl-2-phenylalanyl-3,6-tryptophan-LHRH
(SY) GPT-LHRH
(SY) LHRH, D-pGlu(1)-D-Phe(2)-D-Trp(3,6)-
(HM) LH-FSH RELEASING HORMONE/*analogs
(PA) LH-FSH RELEASING HORMONE/antag
(NO) RN given refers to (D)-isomer; cpd without isomeric designation not in Chemline 12/3/82

LHRH, pGlu-Pro(1)-Phe(2)-Trp(3,6)-

(RN) 69770-59-8
(SY) GPPT-LHRH
(SY) LHRH-pyroglutamyl-1-prolyl-2-phenylalanyl-3,6-tryptophan
(SY) pyroglutamyl-1-prolyl-2-phenylalanyl-3,6-tryptophan-LHRH
(HM) LH-FSH RELEASING HORMONE/*analogs

LHRH, Phe(2)-Ala(6)-

(RN) 54784-44-0
(RR) 56763-48-5 (acetate)
(SY) GnRH, Phe(2)-Ala(6)-
(SY) LHRH-2-D-phenylalanyl-6-D-alanine
(SY) 2-D-phenylalanyl-6-D-alanine-LHRH
(HM) LH-FSH RELEASING HORMONE/*analogs
(PA) LH-FSH RELEASING HORMONE/antag
(NO) RN given refers to parent cpd

LHRH-2-D-phenylalanyl-6-D-alanine see LHRH, Phe(2)-Ala(6)-

LHRH-2-phenylalanyl-3-prolyl-6-phenylalanine see LHRH, Phe(2)-Pro(3)-Phe(6)-

LHRH-2-phenylalanyl-3-tryptophanyl-6-phenylalanine see LHRH, Phe(2)-Trp(3)-Phe(6)-

LHRH, Phe(2)-Pro(3)-Phe(6)-

(RN) 64789-67-9
(RR) 81419-08-1 ((L-Phe-L-Pro-D-Phe)-isomer)
(SY) GnRH, Phe(2)-Pro(3)-Phe(6)-
(SY) Phe(2)-Pro(3)-Phe(6)-LHRH
(SY) Phe(2)-Pro(3)-Phe(6)-GnRH
(SY) LHRH-2-phenylalanyl-3-prolyl-6-phenylalanine
(SY) 2-phenylalanyl-3-prolyl-6-phenylalanine-LHRH
(SY) 2-phenylalanyl-3-prolyl-6-phenylalanine-GnRH
(SY) PPP-LHRH
(HM) LH-FSH RELEASING HORMONE/*analogs
(PA) LH-FSH RELEASING HORMONE/antag
(NO) RN given refers to (D-Phe-L-Pro-D-Phe)-isomer

LHRH, Phe(2)-Trp(3)-Phe(6)-

(RN) 63722-14-5
(RR) 69545-28-4 ((L-Phe-D-Trp-D-Phe)-isomer)
(SY) Phe(2)-Trp(3)-Phe(6)-LHRH
(SY) LHRH-2-phenylalanyl-3-tryptophanyl-6-phenylalanine
(SY) 2-phenylalanyl-3-tryptophanyl-6-phenylalanine-LHRH
(SY) PTP-LHRH
(HM) LH-FSH RELEASING HORMONE/*analogs
(PA) LH-FSH RELEASING HORMONE/antag
(NO) RN given refers to (D-Phe-D-Trp-D-Phe)-isomer

LHRH-1-pyroglutamyl-2-phenylalanyl-3,6-tryptophan see LHRH, pGlu(1)-Phe(2)-Trp(3,6)-

LHRH, 1-pyroglutamyl-2-phenylalanyl-3-tryptophyl-6-lysine- see LHRH, pGlu(1)-Phe(2)-Trp(3)-Lys(6)-

LHRH-pyroglutamyl-1-prolyl-2-phenylalanyl-3,6-tryptophan see LHRH, pGlu-Pro(1)-Phe(2)-Trp(3,6)-

LHRH receptor see LHFSHRH receptor

LHRH, salmon see LH-FSH releasing hormone, salmon

LHRH, Ser(t-butyl)(6)-Az(2)-GlyNH(2)(10)- see ICI 118630

LHRH-6-tertiary-butylseryl-2-(aminocarbonyl)hydrazide-10-deglycinamide see ICI 118630

LHRH, Trp(7)-Leu(8)- see LH-FSH releasing hormone, salmon

LHRH, D-Trp(6)-Pro(9)-Net see LHRH, N-Et-ProNH(2)(9)-Trp(6)-des-GlyNH(2)(10)-

LHRH, Trp(6)-

(RN) 57773-63-4
(SY) Trp(6)-LHRH
(SY) LHRH-6-D-tryptophan
(SY) 6-D-tryptophan-LHRH
(SY) decapeptyl
(HM) LH-FSH RELEASING HORMONE/*analogs
(PA) LUTEOLYTIC AGENTS
(PA) ANTINEOPLASTIC AGENTS

LHRH, Trp(7)-

(RN) 70920-44-4
(SY) Trp(7)-LHRH
(SY) 7-tryptophan-LHRH
(SY) LHRH-7-tryptophan
(HM) LH-FSH RELEASING HORMONE/*analogs
(PA) LH-FSH RELEASING HORMONE/antag
(NO) RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 11/84

LHRH-6-tryptophanyl-9-N-ethylprolinamide-10-deglycinamide see LHRH, N-Et-ProNH(2)(9)-Trp(6)-des-GlyNH(2)(10)-

LHRH-6-tryptophanyl-7-(N-methyl-L-leucyl)-9-N-ethylprolinamide-10-deglycinamide see Wy 40972

LHRH-6-D-tryptophan see LHRH, Trp(6)-

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LHRH-7-tryptophan see LHRH, Trp(7)-

6D-LHRH see leuprolide

LH-1 see LH 1

LH 1
(RN) 67190-52-7
(SY) 3 alpha-N-(2-aminoethanoyl)amino-5 alpha-pregnan-20-one
(SY) LH-1
(HM) *PREGNANES
(NO) immunostimulant used in antitumor therapy; RN given refers to (3alpha,5alpha)-isomer; RN for cpd without isomeric designation not in Chemline 7/84

LIA-0101 see septacidin

LIA-0101 B see septacidin

libexin
(RN) 982-43-4
(SY) prenoxdiazine
(SY) prenoxidiazine
(HM) *PIPERIDINES
(PA) ANTITUSSIVE AGENTS
(NO) RN given refers to mono-HCl; RN for parent cpd not in Chemline 7/84; structure

Librax
(RN) 8015-20-1
(HM) *CLIDINIUM COMPOUNDS
(HM) *CHLORDIAZEPOXIDE
(HM) DRUG COMBINATIONS
(NO) for treatment of functional colopathies

LICAM-C
(SY) N,N',N''-tris (2,3-dihydroxy-4-carboxybenzoyl)-1,5,10-triazadecane
(HM) SPERMIDINE/*analogs
(II) CHELATING AGENTS
(NO) structure given in first source

3,4-LICAMS see N,N',N''-tris(2,3-dihydroxy-5-sulfobenzoyl)-1,5,10-triazadecane

lichenase
(RN) EC 3.2.1.73
(SY) 1,3-1,4 beta-D-glucan hydrolase
(SY) licheninase
(SY) 1,3-1,4 beta glucanase
(SY) 1,3-1,4 beta-glucan endohydrolase
(SY) endo-1,3-1,4-beta-D-glucanase
(HM) *GLYCOSIDE HYDROLASES

lichenin
(RN) 1402-10-4
(HM) *GLUCANS

licheninase see lichenase

liconeolignan
(RN) 82209-75-4
(HM) *BENZOFURANS
(II) GLYCYRRHIZA
(NO) from the root of Glycyrrhiza uralensis; structure given in first source

lidamidine
(RN) 66871-56-5
(RR) 65009-35-0 (mono-HCl)
(RR) 66283-88-3 (unspecified HCl)
(SY) WHR-1142A
(SY) 1-(2,6-dimethylphenyl)-3-methylamidinourea
(HM) *PHENYLUREA COMPOUNDS
(PA) ANTIDIARRHEALS
(NO) synonym WHR-1142A refers to HCl; RN given refers to parent cpd; structure

lidaprim
(RN) 63749-94-0
(SY) Quam
(SY) Co-soltrim
(SY) trimet
(HM) *TRIMETHOPRIM
(HM) DRUG COMBINATIONS
(HM) *SULFANILAMIDES
(NO) combination of trimethoprim & sulfametrol

lidase
(RN) EC 3.2.1.-
(HM) *HYALURONIDASE
(NO) Russian drug, preparation with hyaluronidase activity

lidocaine ethiodide see RAD 366

lienomycin
(RN) 12710-02-0
(HM) POLYENES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(II) IONOPHORES
(NO) produced by Actinomyces vendargensis Struyk et Sthеeman; polyene with ionophore-like action; Russian drug; structure in third source

Life (dental material)
(RN) 85746-32-3
(HM) *DENTAL MATERIALS
(HM) *CALCIUM HYDROXIDE
(II) DENTAL CAVITY LINING
(NO) calcium hydroxide base dental material for cavity lining

lifibrate
(RN) 22204-91-7
(SY) 1-methyl-4-piperidyl bis(4-chlorophenoxy)acetate
(SY) SaH 42-348
(HM) *GLYCOLATES
(NO) hypolipemic, hypocholesteremic agent; minor descriptor (75-82); online & Index Medicus search GLYCOLATES (75-82)

lifusol
(RN) 58206-29-4
(SY) lifuzol
(HM) *NITROFURAZONE
(II) AEROSOLS
(II) OCCLUSIVE DRESSINGS
(NO) furacillin in a film-forming aerosol combination of butylmethacrylate, methacrylate copolymer, acetone & freons

lifuzol see lifusol

ligatin
(HM) *MEMBRANE PROTEINS

Light green SF
(RN) 5141-20-8
(SY) C.I. 42095
(SY) acid green 5
(SY) food green 2
(HM) *LISSAMINE GREEN DYES
(PA) CARCINOGENS
(NO) structure

light-harvesting bacteriochlorophyll protein see reaction-center protein, bacterial

light-harvesting chlorophyll protein see reaction-center protein, plant

light harvesting polypeptide B880 see reaction-center protein, bacterial

lignans
(HM) *PLANT EXTRACTS
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(NO) produced by dimerization of coniferyl alcohol; widely distributed in higher plants

ligninase
(RN) EC 1.14.99.-
(HM) *OXYGENASES
(NO) a hemoprotein from Phanerochaete chrysosporium with a variety of lignin-degrading reactions, all dependent on hydrogen peroxide; incorporates molecular oxygen into the products

lignocellulose
(RN) 11132-73-3
(HM) *CELLULOSE
(HM) *LIGNIN
(NO) used in animal feed

lignoceric acid
(RN) 557-59-5
(RR) 66502-42-9 (Ag(1+) salt)
(RR) 18206-16-1 (K salt)
(RR) 18080-73-4 (Na salt)
(HM) *FATTY ACIDS
(NO) RN given refers to parent cpd; structure

lignoceroyl-CoA ligase
(RN) EC 6.2.1.-
(HM) *COENZYME A SYNTHETASES
(NO) requires ATP & Mg

N-lignoceroyl-1-sphingosyl lactoside see cytolipin H

lignosulfonates see lignosulfuric acid

lignosulfuric acid
(RN) 8062-15-5
(RR) 8061-51-6 (Na salt)
(SY) lignosulfonates
(SY) AHR 2438B
(HM) LIGNIN/*analogs
(NO) sulfonated phenylpropane units; RN given refers to parent cpd; AHR 2438B refers to Na salt

ligroin
(RN) 8032-32-4
(SY) white spirit
(HM) *HYDROCARBONS
(II) SOLVENTS
(NO) mixture mainly of aliphatic and aromatic hydrocarbons

lilial
(RN) 80-54-6
(SY) 4-tert-butyl-alpha-methylhydrocinnamaldehyde
(SY) lily aldehyde
(HM) *ALDEHYDES
(II) ALLERGENS
(II) PERFUME

Lille proalbumin see Pollibauer proalbumin

Lilly 6.2 alloantigen see MM antigen

Lilly-04432 see Lilly 04432

Lilly 04432
(RN) 2706-56-1
(RR) 3668-52-8 (mono-HCl)
(RR) 3343-39-3 (di-HCl)
(SY) 2-(beta-aminoethyl)pyridine
(SY) 2-(2-pyridyl)ethylamine
(SY) 2-pyridylethylamine
(SY) LY 04432
(SY) Lilly-04432
(HM) *PYRIDINES
(II) RECEPTORS, HISTAMINE H1/drug eff
(NO) histamine H1 receptor agonist inducing cross-tolerance to histamine; RN given refers to parent cpd; structure

Lilly 108380 see doxpicodin

Lilly 109514 see nabilone

Lilly 117018 see LY 117018

Lilly 117413 see LY117413

Lilly 122771-72 see enviroxime

Lilly 127623 see metkephamid acetate

Lilly 133314 see trioxifene

Lilly 134046 see LY 134046

Lilly 135252 see nisoxetine

Lilly 141865 see LY 141865

Lilly 150720 see LY 150720

Lilly-18947 see Lilly 18947

Lilly 18947
(RN) 2600-77-3
(RR) 14299-60-6 (HCl)
(RR) 5957-22-2 (HBr)
(SY) LY 18947
(SY) Lilly-18947
(HM) *BIPHENYL COMPOUNDS
(PA) OXIDOREDUCTASES/antag
(NO) RN given refers to parent cpd; Lilly 18947 refers to HBr salt

Lilly 49825 see 17 alpha-ethinylestriol 3-cyclopentyl ether

Lilly-51641 see Lilly 51641

Lilly 51641
(RN) 5388-85-2
(RR) 5388-82-9 (mono-HCl)
(SY) N-((beta-chlorophenoxy)ethyl)cyclopropylamine
(SY) LY 51641
(SY) Lilly-51641
(HM) *CYCLOPROPANES
(PA) MONOAMINE OXIDASE INHIBITORS
(NO) RN given refers to parent cpd; structure

Lilly 53857 see LY 53857

Lilly 78335 see 2,3-dichloro-alpha-methylbenzylamine

Lilly 79771 see LY 79771

Lilly 81067 see LY 81067

Lilly 88571 see trioxifene

Lilly 94939 see nisoxetine

lily aldehyde see lilial

S-Lim
(HM) *POLYSACCHARIDES
(PA) ANTITHROMBINS
(NO) polysaccharide extracted from sea mussels and sulfated to a sulfur content of 12%; MW appr. 40,000; see also record for sulfated polysaccharides

lima bean lectin
(HM) *LECTINS

lima bean protease inhibitor
(HM) *PROTEASE INHIBITORS

limax flavus agglutinin
(HM) *LECTINS
(NO) from limax flavus slug; demonstrates specificity for sialic acid

Limbitrol
(RN) 51248-68-1
(RR) 68967-28-2 (di-HCl)
(RR) 51602-26-7 (mono-HCl)
(SY) limbritol
(HM) *AMITRIPTYLINE
(HM) *CHLORDIAZEPOXIDE
(HM) DRUG COMBINATIONS
(PA) TRANQUILIZING AGENTS
(NO) RN given refers to parent cpd; chlordiazepoxide hydrochloride-amitriptyline hydrochloride mixt refers to di-HCl salt; chlordiazepoxide-amitriptyline hydrochloride mixt refers to mono-HCl salt

limbritol see Limbitrol

lime
(RN) 1305-78-8
(SY) hexocalex
(SY) hexocalex 6-9
(SY) heavy calcium oxide
(SY) calcium oxide
(HM) *CALCIUM
(HM) *OXIDES
(II) ROOT CANAL FILLING MATERIALS
(NO) was previously indexed to CALCIUM HYDROXIDE

lime sulfur
(RN) 1344-81-6
(SY) calcium polysulfide
(SY) Vleminckx's solution
(HM) *SULFIDES
(HM) *THIOSULFATES
(HM) *CALCIUM
(NO) solution of laked lime, sublimed sulfur & water resulting in calcium polysulfide & thiosulfate; see also record for calcium sulfide RN: 20548-54-3

limit dextrinase see pullulanase

limocrocin see reverse transcriptase inhibitors

d-limonene see limonene

limonene
(RN) 138-86-3
(RR) 5989-54-8 ((S)-isomer)
(RR) 5989-27-5 ((R)-isomer)
(RR) 7705-14-8 ((+-)-isomer)
(SY) 4-mentha-1,8-diene
(SY) dipentene
(SY) d-limonene
(HM) *TERPENES
(NO) colorless liquid with a citrus-like odor; found in large number of oils; dissolving agent for gall stones; RN given refers to cpd without isomeric designation; structure

limonin
(RN) 1180-71-8
(HM) *TRITERPENES
(NO) responsible for the bitterness of citrus fruit products

limonite see ferric hydroxide

limulin
(HM) *LECTINS
(II) HORSESHOE CRABS
(II) C-REACTIVE PROTEIN
(NO) lectin from limulus

Limulus lectin
(SY) Limulus polyphemus agglutinin
(HM) *LECTINS

Limulus anti-LPS see antilipopolysaccharide factor (Limulus)

Limulus polyphemus agglutinin see Limulus lectin

Limulus proclotting enzyme activator see proclotting enzyme activator, Limulus

linalool
(RN) 78-70-6
(RR) 22564-99-4 ((+-)-isomer)
(RR) 20331-47-9 (Ti(4+) salt)
(RR) 126-91-0 ((R)-isomer)
(RR) 126-90-9 ((S)-isomer)
(HM) *TERPENES
(NO) RN given refers to parent cpd without isomeric designation; structure

linalool pyrophosphate see linalyl pyrophosphate

linalyl pyrophosphate
(RN) 16789-26-7
(SY) linalool pyrophosphate
(HM) *POLYISOPRENYL PHOSPHATES

linamarase see linamarinase

linamarin
(RN) 554-35-8
(SY) 1-cyano-1-methylethyl beta-D-glucoside
(HM) *NITRILES
(NO) from the seed skins or embryos of flax; a cyanogenic glycoside; structure

linamarinase
(RN) EC 3.2.1.-
(SY) linamarase
(HM) *BETA-GLUCOSIDASES

lincomycin A
(SY) lincomycin-A
(HM) LINCOMYCIN/*analogs
(PA) ANTIBIOTICS
(NO) structure in first source

lincomycin-A see lincomycin A

lincomycin B
(RN) 2520-24-3
(RR) 11021-35-5 (HCl)
(SY) lincomycin-B
(HM) LINCOMYCIN/*analogs
(PA) ANTIBIOTICS
(NO) RN given refers to 2S-trans isomer; RN for cpd without isomeric designation not in Chemline 8/84; structure in first source

lincomycin-B see lincomycin B

lincosamide
(RN) 80738-43-8
(HM) *ANTIBIOTICS
(NO) macolide antibiotic; no other information available 12/21/81

Linctus Codeine, AFP
(SY) Australian Pharmaceutical Formulary Linctus Codeine
(HM) *CODEINE
(HM) *CARDIAC GLYCOSIDES
(HM) DRUG COMBINATIONS
(PA) ANTITUSSIVE AGENTS
(NO) contains codeine, cardiac glycosides & other not specified cpds; causes myopathy & cardiac glycoside toxicity

linear benzoadenosine phosphates see benzoadenosine phosphates

lineatin
(RN) 65035-34-9
(RR) 73649-91-9 ((1S-(1alpha,2beta,5alpha,7beta))-isomer)
(RR) 71899-16-6 ((+-)-isomer)
(HM) *PHEROMONES
(NO) RN given refers to (1R-(1alpha,2beta,5alpha,7beta))-isomer; RN for cpd without isomeric designation not in Chemline 7/84

M-line 165-kd protein see myomesin

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M-line 185-kd protein see myomesin

linethol
(RN) 11096-65-4
(SY) linetol
(HM) *FATTY ACIDS, UNSATURATED
(NO) mixture of ethyl esters of unsaturated fatty acids, especially linoleic and linolenic acids, contained in linseed oil

linetol see linethol

Lingzhi
(SY) Ganoderma
(HM) *PLANT EXTRACTS
(NO) ancient Chinese medicine

N-linked glycoprotein sulfurtransferase see glycoprotein sulfotransferase

2',5'-linked triadenylic acid see 2',5'-oligoadenylate

link proteins
(SY) cartilage link proteins
(HM) *PROTEINS
(II) PROTEOGLYCANS
(NO) in nasal cartilage and bovine articular cartilage; interact with proteoglycan monomers to form aggregate structures; involved in stabilizing the interaction between two other components of cartilage, proteoglycan subunit and hyaluronic acid

linoelaidic acid see linoleic acid

linogliride
(RN) 75358-37-1
(RR) 78782-47-5 (fumarate)
(HM) *PYRROLIDINES
(PA) HYPOGLYCEMIC AGENTS
(NO) RN not in Chemline 3/85; RN from USAN; structure given in first source

linoleanilide see linoleylanilide

linoleate see linoleic acid

linoleic acid
(RN) 2197-37-7
(RR) 506-21-8 ((E,E)-isomer)
(RR) 3131-66-6 (14C-labeled cpd(Z,Z)-isomer)
(RR) 2420-42-0 ((Z,E)-isomer)
(RR) 60-33-3 ((Z,Z)-isomer)
(RR) 57431-47-7 (Na salt(E,E)-isomer)
(RR) 19704-83-7 (Ca salt(Z,Z)-isomer)
(RR) 7721-14-4 (NH4 salt(Z,Z)-isomer)
(RR) 3414-89-9 (K salt(Z,Z)-isomer)
(RR) 822-17-3 (Na salt(Z,Z)-isomer)
(RR) 2420-55-5 ((E,Z)-isomer)
(SY) 9,12-octadecadienoic acid
(SY) linoleate
(SY) linoleoyl chloride
(SY) linolelaidic acid
(SY) linoelaidic acid
(SY) 9-trans,12-trans-octadecadienoic acid
(SY) trans,trans-9,12-octadecadienoic acid
(HM) *LINOLEIC ACIDS
(NO) RN given refers to parent cpd without isomeric designation; more than 10 RR's recorded in Chemline

linoleic acid anilide see linoleylanilide

linoleic acid hydroperoxide
(RN) 25657-09-4
(SY) 13 OOH linoleic acid
(HM) *LINOLEIC ACIDS
(HM) *LIPID PEROXIDES
(NO) RN given refers to (Z,Z)-isomer; RN for cpd without isomeric designation not in Chemline 7/84

linolelaidic acid see linoleic acid

linolenate see alpha-linolenic acid

linolenic acid see alpha-linolenic acid

linolenic acid ethyl ester see ethyl linolenate

linolenic acid hydroperoxide see 13-hydroperoxylinolenic acid

linolenic (18-3) acid peroxide see 13-hydroperoxylinolenic acid

linolenyl alcohol
(RN) 506-44-5
(RR) 12767-09-8 (cpd with unspecified double bond positions)
(HM) *FATTY ALCOHOLS
(NO) RN given refers to (Z,Z,Z)-isomer; RN for cpd without isomeric designation not in Chemline 7/84

linoleoylcarnitine
(RN) 36816-10-1
(HM) CARNITINE/*analogs
(PA) LYSOPHOSPHOLIPASE/antag
(NO) RN given refers to (R-(Z,Z))-isomer; RN for cpd without isomeric designation not in Chemline 7/84

linoleoyl chloride see linoleic acid

linoleoyl CoA see linoleoyl-coenzyme A

linoleoyl-CoA see linoleoyl-coenzyme A

linoleoyl CoA desaturase
(RN) EC 1.14.99.-
(HM) *FATTY ACID DESATURASES
(NO) aspect of fatty acid desaturases, EC 1.14.99.5

linoleoyl-coenzyme A
(RN) 40757-80-0
(RR) 6709-57-5 ((Z,Z)-isomer)
(RR) 40780-14-1 ((E,E)-isomer)
(RR) 40780-13-0 ((E,Z)-isomer)
(RR) 42578-92-7 (-octadecadienoate-1-(14)C-labeled cpd(Z,Z)-isomer)
(SY) linoleoyl-CoA
(SY) linoleoyl CoA
(SY) coenzyme A, S-9,12-octadecadienoate, (Z,Z)
(SY) coenzyme A, linoleoyl-
(HM) *ACYL COENZYME A
(NO) RN from 9th CI Form Index & given refers to cpd without isomeric designation

linoleylanilide
(RN) 19878-10-5
(SY) linoleic acid anilide
(SY) linoleanilide
(HM) *ANILIDES
(HM) *LINOLEIC ACIDS
(NO) RN given refers to (Z,Z)-isomer; RN for cpd without isomeric designation not in Chemline 11/4/83

LIN 1418 see sultopride

liobil see liobyl

liobyl
(SY) liobil
(SY) lyobil
(HM) *TISSUE EXTRACTS
(PA) CHOLAGOGUES AND CHOLERETICS
(II) ARTERIOSCLEROSIS, CORONARY/drug ther
(II) BILE
(NO) lyophilized bovine bile; cholagogue bile-containing agent; used in treatment of chronic pancreatitis

liotrix see euthyral

lipamide see lipoamide

lipenan see clofibride

Lipexal Berna see 2,2'-disulfohexanoic acid

lipiarmycin
(RN) 56645-60-4
(HM) GLYCOSIDES
(PA) ANTIBIOTICS
(NO) antibiotic from strain of Actinoplanes which inhibits nucleic acid polymerases

lipid A-associated protein
(HM) *BACTERIAL PROTEINS
(HM) *LIPID A
(NO) found in bacterial endotoxins

lipid-associating peptide see lipid-associating peptides

lipid-associating peptides
(RN) 91879-73-1
(RR) 81988-09-2 (LAP 20)
(SY) LAP 20
(SY) lipid-associating peptide
(SY) LAP 15
(SY) LAP-15
(SY) LAP-20
(HM) *PEPTIDES
(II) DETERGENTS
(NO) synthetic peptide with varying amounts of amino acids which dissolve lipid or in the acylated form bind to HDL; activate lecithin acyltransferase enabling body to get rid of cholesterol more easily

lipidex
(SY) lipidex 1000
(HM) *DEXTRANS
(NO) lipophilic sephadex deriv which separates non-polar steroids in gel filtration; also used in extraction of bile acids

lipid exchange protein see lipid transfer protein

lipidex 1000 see lipidex

Lipid IV
(HM) *GLYCOSPHINGOLIPIDS
(NO) from spermatozoa of Hyriopsis schlegelii; contains 4-O-methylglucuronic acid & internally located fucose; palmitic acid, stearic acid & C(18)-sphingosine are the major aliphatic components; structure given in first source

lipid-linked oligosaccharides
(HM) *LIPOPOLYSACCHARIDES

lipid mobilizing factor see lipid mobilizing substance

lipid mobilizing substance
(SY) fat mobilizing substance
(SY) lipid mobilizing factor
(HM) *PEPTIDES
(PA) APPETITE DEPRESSANTS
(II) LIPID MOBILIZATION

lipid peroxidation inhibitor
(HM) LIPID PEROXIDES/*antag
(NO) induced by CCl(4) in rat liver soluble fraction; also glutathione-dependent factor isolated from human red cell membrane

lipid A precursor
(SY) lipid A precursor, Salmonella typhimurium
(HM) LIPID A/*analogs
(NO) structure given in first source

lipid A precursor, Salmonella typhimurium see lipid A precursor

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lipid transfer protein
(SY) glycolipid transfer protein
(SY) glycolipid exchange protein
(SY) lipid exchange protein
(SY) cerebroside transfer protein
(HM) *CARRIER PROTEINS
(NO) accelerates glycolipid exchange; catalyzes net transfer of glycosphingolipids from brush border membrane vesicles; also facilitates transfer of glucosyl-, galactosyl- & lactosylceramide from liposomal vesicles to red ghost cells: see also record for phospholipid exchange protein

lipid X
(RN) 86559-73-1
(HM) *GLYCOLIPIDS
(II) MACROPHAGE ACTIVATION
(NO) monosaccharide precursor of E coli lipid A; structure given in first source

lipid Y
(RN) 88090-57-7
(HM) *GLYCOLIPIDS
(II) MACROPHAGE ACTIVATION
(NO) monosaccharide precursor of E coli lipid A; structure given in first source

lipoamidase
(RN) EC 3.5.1.-
(HM) *AMIDOHYDROLASES

lipoamide
(RN) 940-69-2
(RR) 3206-73-3 ((+-)-isomer)
(SY) lipamide
(SY) 1,2-dithiolane-3-valeramide
(SY) alpha-lipoic amide
(SY) 6,8-thioctic amide
(HM) LIPOIC ACID/*analogs
(NO) RN given refers to cpd without isomeric designation

lipoamide succinyltransferase see dihydrolipoamide succinyltransferase

lipoate acetyltransferase see dihydrolipoamide acetyltransferase

lipoate succinyltransferase see dihydrolipoamide succinyltransferase

lipocortins
(HM) *GLYCOPROTEINS
(PA) PHOSPHOLIPASES/antag
(NO) steroid-modulated anti-phospholipase proteins; see also records for specific lipocortins: lipomodulin, macrocortin, & renocortin

lipofundin
(RN) 11096-66-5
(HM) *SORBITOL
(HM) *PHOSPHOLIPIDS
(HM) DRUG COMBINATIONS
(II) EMULSIONS
(NO) used in treatment of nutritional disturbances contains 50.0 g sorbitol & 15.0 g phosphatide emulsifier as a 5 or 10 % fatty emulsion in water

lipofundin S
(RN) 53637-06-2
(SY) lipofundin-S
(HM) *OILS
(HM) *PHOSPHOLIPIDS
(HM) *GLYCERIN
(HM) DRUG COMBINATIONS
(II) SOY BEANS
(II) FAT EMULSIONS, INTRAVENOUS
(NO) emulsion containing soy bean oil, soy phosphatides & glycerol

lipofundin-S see lipofundin S

lipoglycan receptor
(SY) receptor, lipoglycans
(SY) lipopolysaccharide receptors
(SY) lipoglycan receptors
(HM) *RECEPTORS, IMMUNOLOGIC
(II) LIPOPOLYSACCHARIDES
(NO) receptor for Acholeplasmal lipoglycans isolated from sheep erythrocyte membrane

lipoglycan receptors see lipoglycan receptor

Lipo-Merz see etofibrate

lipomodulin
(HM) *GLYCOPROTEINS
(PA) PHOSPHOLIPASES A/antag
(II) LYMPHOKINES
(NO) isolated from neutrophils treated with glucocorticoids; 16,000 dalton fragment identified as glycosylation inhibitory factor; see also record for lipocortins; phospholipase inhibiting factor

lipomul see corn oil

lipopeptidophosphoglycan
(HM) *PEPTIDOGLYCAN
(HM) *PHOSPHOLIPIDS
(NO) complex carbohydrate isolated from Trypanosoma cruzi

lipophilin
(HM) *PROTEOLIPIDS
(HM) *MYELIN PROTEINS

lipophorin
(SY) diacylglycerol-carrying lipoprotein
(HM) *CARRIER PROTEINS
(II) INSECTS
(II) LIPIDS
(NO) unifying designation for major class of lipid-transporting proteins of insect hemolymph which have been called diglyceride transport lipoprotein, high density lipoprotein, lipoprotein I & other variant terms

lipophosphonoglycan
(HM) *GLYCOSPHINGOLIPIDS
(NO) macromolecule accounting for approx 31% of mass of plasma membrane of Acanthamoeba castellanii; consists of carbohydrate, phosphorous, saturated and unsaturated fatty acids

anti-lipopolysaccharide see antilipopolysaccharide plasma

lipopolysaccharide B
(HM) *LIPOPOLYSACCHARIDES
(II) MITOGENS

anti-lipopolysaccharide factor (Limulus) see antilipopolysaccharide factor (Limulus)

lipopolysaccharide receptors see lipoglycan receptor

lipoprotein (a) see lipoprotein Lp(a)

lipoprotein cholesterol
(SY) cholesterol lipoprotein
(SY) intermediate density lipoprotein cholesterol
(SY) IDL cholesterol
(HM) *LIPOPROTEINS
(HM) *CHOLESTEROL

lipoprotein cholesterol ester
(SY) cholesterol ester lipoprotein
(HM) *LIPOPROTEINS
(HM) *CHOLESTEROL ESTERS

lipoprotein-X cholesterol
(SY) LP-X cholesterol
(HM) *LIPOPROTEIN-X
(HM) *CHOLESTEROL

lipoprotein D see apolipoprotein D

lipoprotein, HDL lecithin see high density lipoprotein phosphatidylcholine

lipoprotein, HDL sphingomyelin see high density lipoprotein sphingomyelin

lipoprotein, LDL triglyceride see low density lipoprotein triglyceride

lipoprotein lipase activators
(SY) LPL activators
(HM) *PEPTIDES
(NO) peptides which originate from HDL & VLDL; in bovine also from LDL; RN in Chemline for lipoprotein lipase: 9004-02-8; cpd not in Chemline 6/22/83

lipoprotein Lp(a)
(SY) lipoprotein (a)
(HM) *LIPOPROTEINS

lipoprotein receptor
(SY) receptor, lipoprotein
(SY) lipoprotein receptors
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) LIPOPROTEINS
(NO) see also related record for LDL receptors

lipoprotein receptors see lipoprotein receptor

lipoproteins, discoidal see discoidal lipoproteins

lipoproteins, IDL
(SY) lipoproteins, intermediate density
(SY) intermediate density lipoproteins
(HM) *LIPOPROTEINS

lipoprotein signal peptidase see leader peptidase

lipoproteins, intermediate density see lipoproteins, IDL

lipoprotein triglyceride
(HM) *LIPOPROTEINS
(HM) *TRIGLYCERIDES

lipoprotein, VLDL cholesterol see very low density lipoprotein cholesterol

lipoprotein, VLDL triglyceride see very low density lipoprotein triglyceride

lipostabil
(RN) 11096-62-1
(SY) polyenylphosphatidylcholine
(HM) *PHOSPHATIDYLCHOLINES
(II) FAT EMULSIONS, INTRAVENOUS

Liposyn
(HM) *FAT EMULSIONS, INTRAVENOUS
(II) FOOD, FORMULATED
(NO) nutrient solution containing safflower oil, egg phosphatides, glycerin; administered intravenously

lipoteichoic acid
(RN) 56411-57-5
(HM) *TEICHOIC ACIDS
(HM) *PHOSPHATIDIC ACIDS
(NO) phosphatidyl glycolipids which can function as surface antigens of gram-positive bacteria

Lipotropin C Fragment see beta-endorphin

Lipotropin Fragment C see beta-endorphin

lipotropin, gamma see gamma-lipotropin

Lipotropin 61-91 see beta-endorphin

lipovitellin
(RN) 9088-43-1
(HM) *EGG PROTEINS
(NO) egg yolk protein

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lipoxene A
(RN) 95851-20-0
(SY) 5,6,15-trihydroxy-7,9,11,13,17-eicosapentaenoic acid
(HM) 5,8,11,14,17-EICOSAPENTAENOIC ACID/*analogs
(NO) structure given in first source; RN given refers to (5S-(5R*,6R*,7E,9E,13E,15R*,17Z)-isomer; RN for cpd without isomeric designation not available 6/85

lipoxene B
(RN) 95851-21-1
(SY) 5,14,15-trihydroxy-6,8,10,12,17- eicosapentaenoic acid
(HM) 5,8,11,14,17-EICOSAPENTAENOIC ACID/*analogs
(NO) structure given in first source; RN given refers to (5S-(5R*,6E,8Z,10E,12E,14R*,15R*,17Z))-isomer; RN for cpd without isomeric designation not available 6/85

lipoxin A see 5,6,15-trihydroxy-7,9,11,13-eicosatetraenoic acid

lipoxin B see 5,14,15-trihydroxy-6,8,10,12-eicosatetraenoic acid

12-lipoxygenase see arachidonate lipoxygenase

15-lipoxygenase see arachidonate lipoxygenase

5-lipoxygenase see arachidonate lipoxygenase

lipoyl transsuccinylase see dihydrolipoamide succinyltransferase

liquefaction factor see semen liquefaction factor

lisinopril see MK 521

lissamine green B see Green S

lissamine rhodamine B
(RN) 2609-88-3
(RR) 3520-42-1 (Na salt)
(SY) erio acid red
(SY) acid red, isoxanthene
(SY) sulforhodamine B
(HM) *RHODAMINES
(NO) RN given refers to parent cpd; Lissamine Rhodamine B refers to Na salt

lissamine rhodamine-beta-alanine hydrazide
(SY) LRBAH
(HM) *RHODAMINES
(HM) *HYDRAZINES
(II) FLUORESCENT DYES
(NO) fluorescent hydrazide

Lissamine Rhodamine B sulfonyl chloride
(RN) 62796-29-6
(HM) *RHODAMINES
(II) FLUORESCENT DYES

Lisseril see cyclobenzaprine

listeriolysin
(HM) *BACTERIAL PROTEINS
(II) BACTERIAL TOXINS
(NO) from Listeria monocytogenes

litalgin
(RN) 80186-93-2
(HM) *DIPYRONE
(HM) *BENZILATES
(HM) *BENZOPHENONES
(HM) DRUG COMBINATIONS
(PA) PARASYMPATHOLYTICS
(NO) combination of pitofenon, metamizole & dimethylaminoethylbenzilate (benzacine)

N-lithiohexamethyldisilazane
(HM) *SILICON
(NO) used in synthesis of benzamidomethaneboronic acid; structure given in first source

lithium aluminum hydride
(RN) 16853-85-3
(HM) *LITHIUM
(HM) *ALUMINUM
(II) OXIDATION-REDUCTION
(II) INDICATORS AND REAGENTS
(NO) reducing agent

lithium borate
(RN) 12007-60-2
(RR) 13453-69-5 (Li-BHO2[1:1])
(RR) 1303-94-2 (pentahydrate)
(HM) *LITHIUM
(HM) *BORATES
(NO) RN given refers to cpd with MF of Li2-B4O7; structure

lithium borohydride
(RN) 16949-15-8
(HM) *LITHIUM
(HM) *BOROHYDRIDES

lithium bromide
(RN) 7550-35-8
(HM) *LITHIUM
(HM) *BROMIDES
(NO) denatures ribonuclease A; also sedative

lithium carbonate
(RN) 554-13-2
(SY) Quilinorm-Retard
(SY) micalite
(HM) *LITHIUM

lithium chloride
(RN) 7447-41-8
(HM) *LITHIUM
(HM) *CHLORIDES

lithium citrate see citric acid

lithium di-iodosalicylate see 3,5-diiodosalicylic acid

lithium dodecyl sulfate see dodecyl sulfate

lithium fluoride
(RN) 7789-24-4
(RR) 17409-87-9 (7Li-labeled cpd)
(RR) 14885-65-5 (6Li-labeled cpd)
(HM) *LITHIUM
(HM) *FLUORIDES
(NO) RN given refers to cpd with MF of Li-F

lithium gluconate see gluconic acid

lithium hydroxybutyrate
(RN) 61742-10-7
(RR) 27236-88-0 (mono-Na salt)
(SY) lithium oxybutyrate
(HM) *HYDROXYBUTYRATES
(HM) *LITHIUM

lithium lactate see lactic acid

lithium lauryl sulfate see dodecyl sulfate

lithium oxybutyrate see lithium hydroxybutyrate

lithium-sodium exchanger see sodium-lithium countertransporter

lithium succinate
(RN) 16090-09-8
(HM) *LITHIUM
(HM) *SUCCINATES
(II) OINTMENTS
(NO) lithium important for treatment of genital herpes

lithocholate 3-O-beta-D-glucuronide see lithocholate 3-O-glucuronide

lithocholate 3-O-glucuronide
(SY) lithocholate 3-O-beta-D-glucuronide
(HM) *GLUCURONATES
(HM) *LITHOCHOLIC ACID
(NO) structure in first source

lithocholic acid, methyl ester see methyl lithocholate

lithocholic acid sulfate see sulfolithocholic acid

lithocholyl-epsilon-L-lysine see N-epsilon-lithocholyllysine

lithocholylglycine see glycolithocholic acid

lithoxite see litonit

lithooxazoline
(RN) 80724-92-1
(HM) *CHOLANES
(II) BACTERIA/drug eff
(NO) structure given in first source

lithosperman
(SY) lithosperman A
(SY) lithosperman B
(SY) lithosperman C
(SY) lithospermans
(HM) *POLYSACCHARIDES
(PA) HYPOGLYCEMIC AGENTS
(II) PLANTS, MEDICINAL
(NO) from Lithospermum erythrorhizon roots

lithosperman A see lithosperman

lithosperman B see lithosperman

lithosperman C see lithosperman

lithospermans see lithosperman

lithostat see acetohydroxamic acid

litmomycin see granaticin

litonit
(RN) 88161-48-2
(SY) lithonite
(HM) *NICOTINIC ACIDS
(PA) TRANQUILIZING AGENTS
(NO) used in therapy of neuroses

Litoralon see glutaurin

litorin
(RN) 55749-97-8
(HM) *OLIGOPEPTIDES
(NO) nona-peptide similar to bombesin isolated from skin of Litoria aurea

Litter-Aid
(HM) *FERROUS COMPOUNDS
(HM) *SULFATES
(NO) used to treat litter to reduce ammonia production; contains 95% ferrous sulfate with the remaining components consisting of propionic acid, calcium carbonate, magnesium sulfate & copper sulfate

little gastrin I see heptadecapeptide gastrin

little gastrin I, Leu(15) see gastrin heptadecapeptide, leucine (15)

little gastrin I, methoxine(15) see gastrin heptadecapeptide, methoxine (15)

little gastrin I, Nle(15) see gastrin heptadecapeptide, norleucine (15)

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Liuwei Dihuang Decoction
(SY) LD-Decoction
(HM) *PLANT EXTRACTS
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(NO) contains Radix Rehmanniae Praeparata, Fructus Corni, Rhizoma Dioscoreae, Rhizoma Alismatis Poria & Cortex Moutan Radicis in ratio of 8:4:4:3:3:3 in that order

LIV-BP see leucyl-isoleucyl-valine-binding protein

liver antigen F see F antigen

liver antigen LA-1
(SY) LA-1
(HM) *AUTOANTIGENS
(NO) MW 67,000-80,000; its presence in serum denotes non-specific liver injury

liver carbohydrate-binding protein see asialoglycoprotein receptor

liver cell adhesion molecule see cell adhesion molecules

liver-derived inhibitory protein
(SY) liver-derived lymphocyte proliferation inhibiting protein
(SY) LDIP
(SY) liver immunoregulatory protein
(SY) hepatic proliferation inhibitor
(HM) *PROTEINS
(II) LIVER/immunol
(II) ARGINASE
(II) GROWTH INHIBITORS
(NO) protein inhibiting lymphocyte proliferation isolated from normal human liver; MW 67,000; antiserum against protein cross-reacts with arginase; may be cytoplasmic liver L-arginase

liver-derived lymphocyte proliferation inhibiting protein see liver-derived inhibitory protein

liver homogenate S-9
(HM) *LIVER EXTRACTS
(NO) has antimutagenic effect on various mutagens due to non-enzymatic binding of mutagens to liver proteins

liver immunoregulatory protein see liver-derived inhibitory protein

liver specific antigen see F antigen

liver specific F antigen see F antigen

liver-specific lipoprotein see liver-specific protein

liver-specific protein
(SY) liver-specific lipoprotein
(SY) LVP-1
(HM) *PROTEINS
(II) LIVER/immunol
(II) ANTIGENS, SURFACE
(II) LIPOPROTEINS
(NO) potential antigen

liver sterol carrier protein see fatty acid-binding proteins

livetin
(RN) 9008-28-0
(SY) beta-livetin
(HM) *EGG PROTEINS
(II) EGG YOLK

live varicella vaccine see varicella vaccine

Liv 52
(RN) 54847-94-8
(SY) Liv-52
(HM) *PLANT EXTRACTS
(HM) DRUG COMBINATIONS
(II) PLANTS, MEDICINAL
(NO) composition of Liv-52 tablet: Capparis spinosa-65 mg, Cichorium intybus-65 mg, Solanum nigrum-32 mg, Cassia occidentalis-16 mg, Terminalia arjuna-32 mg, Achillea millefolium-16 mg, Tamarix gallica-16 mg, Mandur bhasma-33 mg

Liv-52 see Liv 52

lizardite
(RN) 12161-84-1
(HM) *ASBESTOS

LI 32468 see LI 32-468

LI 32-468
(SY) LI-32-468
(SY) LI 32468
(SY) 4-(3-tert-butylamino-2-hydroxypropoxy)spiro (cyclohexane-1,2-indan)-1-one
(HM) *PROPANOLAMINES
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS
(NO) beta-2 selective adrenoreceptor antagonist

LI-32-468 see LI 32-468

LK 312 see Peritrast 400 comp

LK-352 see LK 352

LK 352
(SY) sodium-potassium-magnesium-aspartate-sorbitol
(SY) LK-352
(HM) *ASPARTIC ACID
(HM) *SORBITOL
(HM) DRUG COMBINATIONS
(NO) contains Na, Mg, & K aspartate and sorbitol induces reversible heart arrest

LK-903 see LK 903

LK 903
(RN) 35704-01-9
(SY) methyl-p-myristyloxycinnamic acid 1-monoglyceride
(SY) LK-903
(HM) *GLYCERIDES
(PA) ANTICHOLESTEREMIC AGENTS

LL-c10037 alpha see LL C10037alpha

LL C10037alpha
(SY) LL-C10037alpha
(SY) LL-c10037 alpha
(HM) QUINONES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) from Streptomyces; a gamma-aminoepoxysemiquinone; structure given in first source

LL-C10037alpha see LL C10037alpha

LLANP see leucyl-leucyl-4-azido-2-nitrophenylalanine

LL-AV 290 see avoparcin

LL-BM 726
(SY) LL-BM-726
(HM) *DIPEPTIDES
(PA) ANTIBIOTICS
(NO) from Streptomycete; structure given in first source

LL-BM-726 see LL-BM 726

LL-BM-782 see LL-BM 782

LL-BM 782
(RN) 85204-43-9
(SY) LL-BM782
(SY) LL-BM-782
(HM) AMINOGLYCOSIDES
(PA) ANTIBIOTICS
(NO) structure given in first source

LL-BM782 see LL-BM 782

LL 1530 see nadoxolol

LL 1558 see tiadenol

LL 1656 see buflomedil

LL 21-945
(RN) 59866-14-7
(HM) *PROPANOLAMINES
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS
(NO) structure

L18-MDP(Ala) see 6-O-stearoyl-N-acetylmuramyl-alanylisoglutamine

LMFP
(HM) CHLORAMBUCIL
(HM) METHOTREXATE
(HM) FLUOROURACIL
(HM) PREDNISONE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

LMP Protein
(HM) *GLYCOPROTEINS

LM protein see large mobile protein, salivary

LM 209 see mequitazine

LM-22102 see LM 22102

LM 22102
(RN) 50270-33-2
(SY) isofezolac
(SY) LM-22102
(HM) *PYRAZOLES
(PA) ANTI-INFLAMMATORY AGENTS
(NO) structure

LM24056
(RN) 64099-44-1
(SY) LM 24056
(SY) N,N-dimethylsulfamoyl-2-(quinuclidinyl-3)-10-phenothiazine
(SY) quisultidine
(HM) *PHENOTHIAZINES
(PA) ANTI-ULCER AGENTS
(NO) inhibitor of nocturnal gastric secretion; structure given in first source

LM 24056 see LM24056

LM 427 see spiro-piperidyl-rifamycins

LM 5008 see indalpine

LM 50084 see indalpine

LN antigen see HLA-A

anti-LNB I AN see monoclonal anti-carbohydrate antibodies

LND 623
(SY) LND-623
(SY) 3 beta-rhamnosyloxy-14 beta-amino-5 beta-pregnan-20 beta-ol
(HM) *MANNOSIDES
(HM) *PREGNANES
(PA) CARDIOTONIC AGENTS
(NO) structure given in first source

LND-623 see LND 623

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LNF-1 see lacto-N-fucopentaose I

LNFP see lacto-N-fucopentaose III

LNFPC see lacto-N-fucopentaosyl(III)ceramide

LNFP II see lacto-N-fucopentaose II

LN-1643 see broparoestrol

LN 1643 see broparoestrol

LN-2299 see broparoestrol

LN 2299 see broparoestrol

LN 5330
(RN) 55933-18-1
(SY) 7-chloro-6-(trifluoromethyl)-1,2,4-benzothiadiazine 1,1-dioxide
(HM) HYDROFLUMETHIAZIDE/*analogs
(NO) structure in first source

lobenzarit
(RN) 63329-53-3
(RR) 64808-48-6 (di-Na salt)
(RR) 82050-62-2 (unspecified Na salt)
(SY) lobenzart
(SY) N-(2-carboxyphenyl)-4-chloroanthranilic acid
(SY) lobenzarit disodium
(SY) CCA lobenzarit
(SY) 4-chloro-2,2'-iminodibenzoic acid
(SY) disodium 4-chloro-2,2'-iminodibenzoate
(HM) *ANTHRANILIC ACIDS
(NO) prevents autoimmune kidney disease in hybrid mice; RN given refers to parent cpd

lobenzarit disodium see lobenzarit

lobenzart see lobenzarit

lobster agglutinin 1 see sialic acid-binding lectin

locabiotal see fusafungin

locacorten see flumethasone pivalate

locasalen
(RN) 57973-63-4
(SY) losalen
(HM) FLUMETHASONE/*analogs
(HM) *SALICYLIC ACIDS
(HM) DRUG COMBINATIONS
(NO) ointment containing flumethasone pivalate, salicylic acid & vehicle used in treating lichen amyloidosis

locoid see hydrocortisone-17-butyrate

locorten see flumethasone pivalate

Loctite
(RN) 53858-53-0
(HM) *METHACRYLATES
(II) POLYMETHACRYLIC ACIDS
(II) ADHESIVES
(NO) methacrylate anaerobic sealant which polymerizes when confined between 2 surfaces in absence of air; can be cause of contact dermatitis

locust bean gum
(RN) 9000-40-2
(RR) 57406-68-5 (supercol U)
(RR) 60976-79-6 (supercol NG 1)
(SY) supercol
(HM) *POLYSACCHARIDES
(NO) derived from the seeds of Ceratonia siliqua tree; straight chain polymer of mannose with one galactose on every fourth mannose; MW approx 310,000; RN given refers to cpd with unknown MF; see also record for guar gum (supercol GF)

lodoxamide ethyl
(RN) 53882-13-6
(SY) U-42,718
(SY) diethyl N,N'-(2-chloro-5-cyano-m-phenylene) dioxamate
(HM) *OXAMIC ACID/analogs
(NO) inhibits anaphylactic reactions; structure

lodoxamide tromethamine
(RN) 63610-09-3
(SY) U-42,585E
(SY) U 42585 E
(HM) *OXAMIC ACID/analogs
(HM) TROMETHAMINE/*analogs
(PA) ANTIHISTAMINICS
(NO) structure

lodyne S
(RN) 66039-00-7
(RR) 85087-50-9 (lodyne S 107)
(RR) 66039-02-9 (lodyne S 112)
(RR) 84069-89-6 (lodyne S 110)
(SY) lodyne S-100
(SY) lodyne S 100
(HM) *SURFACE-ACTIVE AGENTS
(NO) RN given refers to lodyne S 100

lodyne S 100 see lodyne S

lodyne S-100 see lodyne S

Loestrin see Modicon

lofemizole
(RN) 65571-68-8
(RR) 70169-80-1 (mono-HCl)
(SY) 1H,4-(4-chlorophenyl)-5-methylimidazole
(HM) *IMIDAZOLES
(PA) ANTI-INFLAMMATORY AGENTS
(NO) RN given from Toxline; RN not in Chemline 1/85; RN given refers to parent cpd; structure given in first source

lofenal
(RN) 10047-08-2
(RR) 65427-88-5 ((L-Phe)-isomer)
(RR) 65427-87-4 ((D-Phe)-isomer)
(SY) N-((4-(bis(2-chloroethyl)amino)phenyl)acetyl)-dl-phenylalanine
(HM) *NITROGEN MUSTARD COMPOUNDS
(PA) ALKYLATING AGENTS
(NO) RN given refers to (DL-Phe)-isomer; RN for cpd without isomeric designation not in Chemline 7/84; structure

lofentanil
(RN) 60645-00-3
(RR) 73625-43-1 (cis-(+-)-isomer)
(RR) 61989-68-0 (trans-(+-)-isomer)
(RR) 61380-40-3 (cis-(-)-isomer)
(RR) 61380-41-4 (oxalate(cis-(-))-isomer)
(RR) 61380-39-0 (oxalate(cis-(+))-isomer)
(RR) 61380-38-9 ((cis)-(+)-isomer)
(SY) lofentanyl
(SY) lofentanil oxalate
(SY) R 34995
(HM) FENTANYL/*analogs
(PA) ANALGESICS, ADDICTIVE
(NO) RN given refers to cpd without isomeric designation

lofentanil oxalate see lofentanil

lofentanyl see lofentanil

lofexidine
(RN) 31036-80-3
(RR) 21498-08-8 (mono-HCl)
(RR) 73372-53-9 ((+-)-isomer)
(SY) 2-(alpha-(2,6-dichlorophenoxy)ethyl) delta-2-imidazoline
(HM) CLONIDINE/*analogs
(PA) ANTIHYPERTENSIVE AGENTS
(PA) ANTISICKLING AGENTS
(NO) reduces narcotic withdrawal symptoms; RN given refers to parent cpd without isomeric designation; structure in Negwer, 5th ed, #6247

Logynon see stediril

lolitrem A
(HM) *MYCOTOXINS
(II) NEUROTOXINS
(NO) neurotoxin from staggers-producing ryegrass pastures; MF C42-H55-N-O8

lolitrem B
(RN) 81771-19-9
(HM) *MYCOTOXINS
(II) NEUROTOXINS
(NO) neurotoxin from staggers-producing ryegrass pastures; MF C42-H55-N-O7

lomofungin
(RN) 26786-84-5
(SY) 1-carbomethoxy-5-formyl-4,6,8-trihydroxyphenazine
(SY) lomondomycin
(HM) PHENAZINES
(PA) ANTIBIOTICS
(NO) antibiotic obtained from Streptomyces species; reported effective against bacteria as well as fungi & yeasts; probably inhibits nucleic acid & protein synthesis, minor descriptor (76-85); on-line & Index Medicus search PHENAZINES (76-85)

lomondomycin see lomofungin

lomotil
(RN) 55840-97-6
(SY) Reasec
(SY) sedistal
(HM) *DIPHENOXYLATE
(HM) *ATROPINE
(HM) DRUG COMBINATIONS
(PA) GASTROINTESTINAL AGENTS
(NO) contains diphenoxylate & atropine sulfate; see also record for Lyspafen which contains difenoxine & atropine sulfate

lonazolac
(RN) 53808-88-1
(RR) 75821-71-5 (Ca salt)
(SY) 3-(4-chlorophenyl)-1-phenylpyrazole-4-acetic acid
(SY) lonazolac-Ca
(SY) irriten
(HM) *PYRAZOLES
(PA) ANTI-INFLAMMATORY AGENTS
(NO) RN given refers to parent cpd

lonazolac-Ca see lonazolac

Lon (capR) gene product see gene proteins, bacterial

lon+ (capR+) protein see ATP-dependent endoprotease

lonetil see lonetil M3

lonetil M3
(RN) 1897-96-7
(SY) 2-methyl-3(4-ethoxy)phenyl-4-quinazolone
(SY) lonetil
(HM) METHAQUALONE/*analogs
(NO) Russian Drug; structure

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longacor
(RN) 54692-74-9
(SY) quinidine arabogalactane sulfate
(HM) QUINIDINE/*analogs
(II) DELAYED-ACTION PREPARATIONS

long-acting thyroid stimulator inhibitor
(SY) LATS-inhibitor
(SY) LATS absorbing activity
(HM) LONG-ACTING THYROID STIMULATOR/*antag
(NO) from bovine thyroid gland

long-acting thyroid stimulator protector
(SY) human thyroid stimulator
(SY) LATS-protector
(HM) *LONG-ACTING THYROID STIMULATOR
(HM) *IGG
(II) HYPERTHYROIDISM/immunol
(NO) immunoglobulin found in patients with diffuse toxic goiter

N-long chain acyl aminoacylase
(RN) EC 3.5.1.-
(SY) LCA aminoacylase I
(SY) LCA aminoacylase II
(HM) *AMIDOHYDROLASES
(NO) LCA aminoacylase I almost specific to L-glutamate-containing lipoamino acids; LCA aminoacylase II acts on fatty acyl amino acids with chain lengths between C11 & C16

long-chain-fatty-acid-CoA ligase see acyl-CoA synthetase

long chain fatty aldehyde dehydrogenase see fatty-aldehyde dehydrogenase

lon gene product see protease La

longevin
(HM) *PROTEINS
(II) LONGEVITY
(NO) small protein from carp intestine with 2 dissimilar subunits, hexadecapeptide A chain & icosapeptide B chain linked by disulfide bond; significantly extended life span of gnotobiotic mice

longicautadine
(HM) *ALKALOIDS
(NO) isolated from stembark of Strychnos chrysophylla; structure in first source

longolytin
(RN) EC 3.4.-
(HM) *PEPTIDE HYDROLASES
(NO) from Arthrobotrys longa

longopax see etrafon-D

lonidamine
(RN) 50264-69-2
(SY) AF 1890
(SY) 1-(2,4-dichlorobenzyl)indazole-3-carboxylic acid
(SY) diclondazolic acid
(HM) *INDAZOLES
(PA) ANTISPERMATOGENIC AGENTS
(PA) ANTINEOPLASTIC AGENTS
(NO) structure

lonomycin
(RN) 58785-63-0
(RR) 58845-80-0 (mono-Na salt)
(SY) DE-3936
(SY) A 218
(SY) emericid
(SY) SQ 12,525
(SY) lonomycin B
(SY) lonomycin A
(HM) *NIGERICIN/analogs
(II) IONOPHORES
(NO) polyether antibiotic ionophore, polycyclic; lonomycin B is stereoisomer of lonomycin A; RN given refers to parent cpd; structure

lonomycin A see lonomycin

lonomycin B see lonomycin

LON798 see guanfacine

LON 954
(RN) 63504-15-4
(SY) N-carbamoyl-2-(2,6-dichlorophenyl)acetamidine. HCl
(HM) UREA/*analogs
(NO) RN given refers to mono-HCl; RN for parent cpd not in Chemline 7/84; structure

Lo-Ovral see stediril

lophotoxin
(RN) 78697-56-0
(HM) *DITERPENES
(II) COELENTERATE VENOMS
(NO) belongs to the cembrene class of diterpenoids; neuromuscular toxin isolated from several pacific gorgonians of the genus Lophogorgia; RN given refers to (1R-(1R*,2S*,4S*,10R*,12R*,14R*,15R*))-isomer; RN for cpd without isomeric designation not in Chemline 7/84; structure given in first source

lopirazepam
(RN) 42863-81-0
(RR) 42785-35-3 (mono-Na salt)
(SY) D-12524
(SY) 3-hydroxy-5-(o-chlorophenyl)-7-chloro-1,2-dihydro-2H-pyrido(3,2-e)-1,4-diazepin-2-one
(HM) LORAZEPAM/*analogs
(PA) PSYCHOTROPIC DRUGS
(NO) RN & N1 from 9th CI form Index; RN given refers to parent cpd; structure

loprazolam see triazulenone

lorazepam glucuronide
(RN) 32781-79-6
(HM) LORAZEPAM/*analogs

lorcainid see lorcainide

lorcainide
(RN) 59729-31-6
(RR) 58934-46-6 (mono-HCl)
(SY) R15889
(SY) Ro 13-1042
(SY) lorcainid
(SY) R 15889
(SY) 4'-chloro-N-(1-isopropyl-4-piperidyl)-2-phenylacetanilide
(HM) *PIPERIDINES
(PA) ANTI-ARRHYTHMIA AGENTS
(NO) structure in USAN 1980, p.188; RN given refers to parent cpd

lormetazepam
(RN) 848-75-9
(RR) 54236-87-2 (cpd with unspecified locant for methyl group)
(SY) methyllorazepam
(HM) LORAZEPAM/*analogs
(PA) BENZODIAZEPINE TRANQUILIZERS
(PA) SEDATIVES, NONBARBITURATE
(NO) RN given refers to cpd with specified locant for methyl group; structure given in first source

losalen see locasalen

losulazine HCl see U 54,669F

lotaustralin
(RN) 534-67-8
(RR) 55758-42-4 ((S)-isomer)
(SY) 2(R)-hydroxy-2-methylbutyronitrile-beta-D-glucopyranoside
(HM) *NITRILES
(HM) *GLUCOSIDES
(NO) higher homologue of linamarin from flax; a cyanogenic glycoside; RN given refers to (R)-isomer; RN for cpd without isomeric designation not in Chemline 7/84; structure

lotifazole
(RN) 71119-10-3
(SY) F 1686
(SY) F-1686
(HM) *CARBAMATES
(PA) ANTI-INFLAMMATORY AGENTS
(NO) structure in USAN

lotucaine
(RN) 52304-85-5
(RR) 23875-59-4 (mono-HCl)
(RR) 48187-15-1 ((+)-isomer)
(RR) 42373-59-1 ((-)-isomer)
(RR) 33697-73-3 (mono-HCl(-)-isomer)
(RR) 42373-58-0 ((+-)-isomer)
(SY) MY 33-7
(SY) 1-(2-toloxy)-3-(2,2,5,5-tetramethylpyrrolidin-1-yl)propan-2-ol
(SY) bledocaine
(SY) tolcaine
(HM) *PYRROLIDINES
(PA) ANESTHETICS, LOCAL
(NO) RN from CAS Registry Handbook & refers to unspecified isomer; cpd not in Chemline 6/22/83

low affinity platelet factor 4
(RN) 69670-74-2
(SY) platelet factor 4, low affinity
(HM) *BLOOD COAGULATION FACTORS
(PA) HEPARIN ANTAGONISTS
(NO) distinct platelet secretory protein with antiheparin activity; differs from PF4 in affinity to heparin, amino acid composition & antigenic determinants

low density lipoprotein inhibitor
(SY) LDL-In
(HM) LIPOPROTEINS, LDL/*immunol
(NO) immunoregulatory human serum low density lipoprotein

low density lipoprotein triglyceride
(SY) LDL triglyceride
(SY) lipoprotein, LDL triglyceride
(SY) LDL triacylglycerol
(SY) triacylglycerol LDL
(HM) *LIPOPROTEINS, LDL
(HM) *TRIGLYCERIDES

Lowicryl 4KM resin
(RN) 84137-04-2
(HM) *ACRYLIC RESINS
(NO) polar acrylate-methacrylate embedding resin

low molecular weight prekininogen see prekininogens

Low Ovral see stediril

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loxoprofen
(RN) 68767-14-6
(RR) 87828-36-2 (Na salt(R*,S*)-isomer)
(SY) sodium loxoprofen
(SY) sodium 2-(4-(2-oxocyclopentylmethyl)phenyl) propionate dihydrate
(SY) CS-600
(SY) CS 600
(SY) 2-(4-((2-oxocyclopentyl)methyl)phenyl)propionic acid
(SY) 2-OCPPP
(HM) *PHENYLPROPIONATES
(PA) ANTI-INFLAMMATORY AGENTS
(NO) RN given refers to parent cpd without isomeric designation; structure in first source

loxtidine
(RN) 76956-02-0
(RR) 86160-82-9 (hemisuccinate[1:1])
(SY) AH 23844
(SY) AH-23844
(HM) *TRIAZOLES
(PA) HISTAMINE H2 RECEPTOR BLOCKADERS
(NO) structure given in first source; RN given refers to parenet cpd

loxilurea
(RN) 71475-35-9
(SY) ITA 312
(SY) ITA-312
(SY) 1-(3-chlorobenzyl)-3-ethylurea
(HM) UREA/*analogs
(PA) ANTI-ULCER AGENTS
(NO) RN from USAN; RN not in Chemline 2/84; structure given in first source

LPBN see pyrrolidonyl-beta-naphthylamide

LP-X cholesterol see lipoprotein-X cholesterol

LPD gingival message agent
(SY) LPD-GMA
(HM) *CHLORHEXIDINE
(HM) *GLYCYRRHETINIC ACID
(HM) *CARBAZOCHROME
(HM) *PLANT EXTRACTS
(HM) DRUG COMBINATIONS
(NO) combination of chlorhexidine, glycyrrhetinic acid, carbazochrome and Carthami flos extract

LPD-GMA see LPD gingival message agent

LPH(61-69), 2-alanyl-69-homoarginine- see beta-lipotropin(61-69), 2-alanyl-69-homoarginine-

LPIF see lymphocyte proliferation inhibitory factor

LPIGLM see lysyl-phenylalanyl-isoleucyl-glycyl-leucyl-methioninamide

LPL activators see lipoprotein lipase activators

LPLRF-amide see leucyl-prolyl-leucyl-arginyl-phenylalaninamide

LPLRFamide see leucyl-prolyl-leucyl-arginyl-phenylalaninamide

LPPF see lymphocyte proliferation potentiating factor

anti-LPS see antilipopolysaccharide plasma

LPS Gal 1,3-transferase see UDPgalactose-lipopolysaccharide alpha-1,3-galactosyltransferase

anti-LPS (Limulus) see antilipopolysaccharide factor (Limulus)

LRBAH see lissamine rhodamine-beta-alanine hydrazide

LRCL 3794 see benoxaprofen

LRCL 3950 see isamoxole

L10 ribosomal protein see ribosomal protein L10

L16 ribosomal protein
(SY) ribosomal protein L16
(SY) protein L16
(HM) *RIBOSOMAL PROTEINS

L17 ribosomal protein see ribosomal protein L17

L18 ribosomal protein see ribosomal protein L18

L2 ribosomal protein see ribosomal protein L2

L20 ribosomal protein see ribosomal protein L20

L24 ribosomal protein see ribosomal protein L24

L25 ribosomal protein see ribosomal protein L25

L3 ribosomal protein see ribosomal protein L3

L33 ribosomal protein see ribosomal protein L33

L44 ribosomal protein see ribosomal protein L2

L45 ribosomal protein see ribosomal protein L3

L46 ribosomal protein see ribosomal protein L46

LR-511 see LR 511

LR 511
(RN) 52867-74-0
(SY) 4-4-fluorophenyl-5-N-(N'-o-methoxyphenyl) piperazinoethyl-4-oxazolin-2-one
(SY) 4-4-fluorophenyl-5-N-(N'-methoxyphenyl) piperazino-ethyl -4-oxozolin-2-one
(SY) LR-511
(HM) *PIPERAZINES
(PA) PSYCHOTROPIC DRUGS
(PA) TRANQUILIZING AGENTS, MAJOR
(NO) structure

LR-5182 see LR 5182

LR 5182
(RN) 62373-97-1
(RR) 69725-17-3 (HCl(cis)-(+-)-isomer)
(RR) 62374-00-9 (HCl(cis)-(-)-isomer)
(RR) 62373-99-3 (HCl(cis)-(+)-isomer)
(RR) 52807-79-1 (HCl(trans)-isomer)
(SY) LR-5659
(SY) cis-3-(3,4-dichlorophenyl)-2-(N,N-dimethylamino) methylbicyclo(2.2.2)octane.HCl
(SY) LR-5182
(SY) LR 5659
(HM) *BICYCLO COMPOUNDS
(NO) inhibitor of dopamine uptake; RN given refers to HCl(cis)-isomer; RN for parent cpd not in Chemline 6/22/83; structure

LR 5659 see LR 5182

LR-5659 see LR 5182

LSA2-L2
(SY) LSA(2)-L(2)
(HM) CYCLOPHOSPHAMIDE
(HM) VINCRISTINE
(HM) PREDNISONE
(HM) DAUNORUBICIN
(HM) METHOTREXATE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above 5 cpds plus consolidation with or without other modifications

LSA(2)-L(2) see LSA2-L2

LS-BD see leucine-specific-binding protein

LSD receptor
(SY) receptor, LSD
(SY) LSD receptors
(SY) lysergic acid diethylamide receptor
(SY) receptor, lysergic acid diethylamide
(SY) lysergic acid diethylamide receptors
(HM) *RECEPTORS, SEROTONIN
(II) LYSERGIC ACID DIETHYLAMIDE
(NO) LSD shares receptor with serotonin

LSD receptors see LSD receptor

LSP-1beta see larval serum protein

LSP-2 see larval serum protein

LS-1727 see LS 1727

LS 1727
(RN) 54025-36-4
(SY) 19-nortestosterone nitrosocarbamate
(SY) LS-1727
(HM) NANDROLONE/*analogs
(NO) RN given refers to (17beta)-isomer; RN for cpd without isomeric designation not in Chemline 7/84; structure

LS 2616
(SY) LS-2616
(SY) N-phenylmethyl-1,2-dihydro-4-hydroxy-1-methyl-2-oxoquinoline-3-carboxamide
(HM) *HYDROXYQUINOLINES
(II) ADJUVANTS, IMMUNOLOGIC
(NO) structure given in first source

LS-2616 see LS 2616

LS 519 see pirenzepin

L-S 519 see pirenzepin

LTA4 ME see leukotriene A methyl ester

LTA4 receptors see leukotriene A receptor

LTB4 omega hydroxylase see leukotriene B4 20-hydroxylase

LTB4 receptors see leukotriene B4 receptor

14,15-LTB4 see 14,15-leukotriene B4

LTB3 see leukotriene B3

LTB 5 see leukotriene B5

8,15-LTB4 see 8,15-leukotriene B4

LTC4 ME see leukotriene C methyl ester

LTE4 see leukotriene E

LTF4 sulfone see leukotriene F-4 sulfone

LTF4 see leukotriene F-4

LTV vinyl silicone rubber
(SY) LTV-VSR
(HM) *SILICONE ELASTOMERS
(II) DENTAL MATERIALS

LTV-VSR see LTV vinyl silicone rubber

LT 31-200 see bopindolol

lubimin
(RN) 35951-50-9
(HM) *SESQUITERPENES
(PA) ANTIFUNGAL AGENTS
(NO) RN given refers to (5S-(5alpha(S*),6beta,8beta,10beta))-isomer; RN for cpd without isomeric designation not in Chemline 2/85

lubricating glycoprotein-I see lubricin

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lubricin
(SY) lubricating glycoprotein-I
(HM) *GLYCOPROTEINS
(II) SYNOVIAL FLUID
(II) LUBRICATION
(NO) from bovine & human synovial fluid

lubrol
(RN) 52434-01-2
(HM) *POLYETHYLENE GLYCOLS

lubrol N13 see nonoxynols

lubrol-PX see polidocanol

Lubrol WX
(RN) 11138-41-3
(HM) *POLYETHYLENE GLYCOLS
(II) DETERGENTS

lubrol 12A9 see polidocanol

lucidin
(RN) 478-08-0
(SY) 1,3-dihydroxy-2-hydroxymethyl-9,10-anthraquinone
(HM) *ANTHRAQUINONES
(PA) MUTAGENS
(II) PLANT EXTRACTS
(NO) from Rubiatinctorum L. root

lucifer yellow
(RN) 77944-88-8
(SY) dilithium 6-amino-2-((hydrazinocarbonyl)amino)-2, 3-dihydro-1,3-dioxo-1H-benz(de)isoquinoline- 5,8-disulfonate
(SY) lucifer yellow CH
(HM) *ISOQUINOLINES
(II) FLUORESCENT DYES
(NO) RN given refers to di-Li salt; RN for parent cpd not in Chemline 7/84

lucifer yellow CH see lucifer yellow

Lucigenin see 10,10'-dimethyl-9,9'-biacridinium

Lucite see methylmethacrylate

lucitone
(RN) 53026-75-8
(HM) *ACRYLIC RESINS
(II) DENTURE BASES

lucknomycin
(RN) 61912-76-3
(HM) POLYENES
(PA) ANTIBIOTICS
(NO) isolated from Streptomyces diastatochromogenes

LUF
(HM) *CONTRAST MEDIA
(NO) no other information available 1/26/82

Lugol's iodine see Lugol's solution

Lugol's solution
(RN) 12298-68-9
(SY) Lugol's iodine
(SY) potassium triiodide
(HM) *IODIDES
(II) SOLUTIONS
(II) STAINS AND STAINING

Lukopren
(HM) *SILICONE ELASTOMERS
(NO) Czechoslovak elastic denture rebasing substance; no other information available 1/25/82

lumazine protein
(HM) *CARRIER PROTEINS
(II) BACTERIAL PROTEINS
(NO) from bioluminescent bacterium, Photobacterium phosphoreum; contains 6,7-dimethyl-8-ribityllumazine as bound prosthetic group which gives a blue fluorescence

Lumichrome
(RN) 1086-80-2
(SY) 7,8-dimethylalloxazine
(HM) *FLAVINS
(NO) structure

lumicolchicine
(RN) 490-24-4
(HM) *LUMICOLCHICINES

lumiflavin
(RN) 1088-56-8
(HM) *FLAVINS

lumirhodopsin
(SY) lumirhodopson
(HM) *RHODOPSIN/analogs

lumirhodopson see lumirhodopsin

lumirubin
(RN) 83664-21-5
(RR) 83664-22-6 (lumirubin XIII)
(SY) lumirubin IX
(SY) lumirubin XIII
(HM) BILIRUBIN/*analogs
(NO) water-souble photoproduct of bilirubin formed in vivo during phototherapy; RN given refers to lumirubin IX; RN for lumirubin not in Chemline 5/85; structure given in first source

lumirubin IX see lumirubin

lumirubin XIII see lumirubin

lunelax
(HM) *PSYLLIUM
(HM) *POLOXALENE
(HM) DRUG COMBINATIONS
(PA) CATHARTICS
(NO) pulverized psyllium seeds & poloxalkol

lung lavage peptide
(HM) *METALLOPROTEINS
(PA) ANTI-INFECTIVE AGENTS
(II) ZINC
(NO) MW 34,000; antibacterial peptide with Zn cofactor from rabbit lung lavage

lupanine
(RN) 550-90-3
(RR) 7400-11-5 (monoperchlorate(7S-(7alpha,7abeta,14alpha,14aalpha))-isomer)
(RR) 52670-58-3 (sulfate[1:1](7S-(7alpha,7abta,14alpha,14aalpha))-isomer)
(RR) 34341-92-9 (mono-HBr(7S-(7alpha,7abeta,14alpha,14aalpha))-isomer)
(RR) 26438-61-9 ((7S-(7alpha,7aalpha,14alpha,14abeta))-isomer)
(RR) 18383-42-1 (mono-HCl(7S-(7alpha,7aalpha,14alpha,14aalpha))-isomer)
(RR) 1025-39-4 (mono-HCl(7S-(7alpha,7abeta,14alpha,14aalpha))-isomer)
(RR) 486-88-4 ((7R-(7alpha,7abeta,14alpha,14aalpha))-isomer)
(RR) 486-87-3 ((7S-(7alpha,7aalpha,14alpha,14aalpha))-isomer)
(HM) *ALKALOIDS
(NO) RN given refers to parent cpd(7S-(7alpha,7abeta,14alpha,14aalpha))-isomer; RN for cpd without isomeric designation not in Chemline 7/84; structure

lupeol
(RN) 545-47-1
(RR) 4439-99-0 ((3alpha)-isomer)
(HM) *TRITERPENES
(NO) RN given refers to (3beta)-isomer; RN for cpd without isomeric designation not in Chemline 7/84; structure

lupinine
(RN) 486-70-4
(RR) 486-71-5 ((1S-cis)-isomer)
(RR) 6113-09-3 (HCl(1R-trans)-isomer)
(SY) epilupinine
(SY) 1S-cis-octahydro-2H-quinolizine-1-methanol
(HM) *ALKALOIDS
(NO) RN given refers to parent cpd(1R-trans)-isomer; RN for cpd without isomeric designation not in Chemline 6/84; structure

lupin storage protein see conglutins

lupus anticoagulant see lupus coagulation inhibitor

lupus antigen La see SS-B antigen

lupus coagulation inhibitor
(SY) lupus anticoagulant
(HM) BLOOD COAGULATION FACTORS/*antag
(II) LUPUS ERYTHEMATOSUS, SYSTEMIC
(II) BLOOD COAGULATION DISORDERS

lupus erythematosus nuclear antigen see cyclin

lutal see gonadorelin

lutalyse see dinoprost tromethamine

luteinizing hormone receptor see LH receptor

luteinizing hormone alpha subunit see alpha subunit, pituitary hormones

luteinizing hormone beta subunit
(SY) LH-beta
(SY) lutropin-beta
(HM) *PEPTIDE FRAGMENTS
(HM) *LH

luteolin
(RN) 491-70-3
(SY) 3',4',5,7-tetrahydroxyflavone
(SY) flacitran
(HM) *FLAVONES
(PA) EXPECTORANTS

luteoreticulin
(RN) 22388-89-2
(HM) *PYRONES
(II) TOXINS
(NO) isolated from Streptomyces luteoreticuli toxic metabolite; RN given refers to (E,E)-isomer; RN for cpd without isomeric designation not in Chemline 7/84; structure

luteose
(RN) 55466-10-9
(HM) *GLUCANS
(NO) linear (1-6)beta-D-glucan; effective competitive inhibitor of yeast killer toxin

luteoskyrin
(RN) 21884-44-6
(HM) *NAPHTHOQUINONES
(PA) MYCOTOXINS
(NO) mycotoxin from Penicillium islandicum; pollutant of stored rice; minor descriptor (75-85); on-line & Index Medicus search NAPHTHOQUINONES (75-85); RN given refers to (1S,1'S,2R,2'R,3S,3'S,9aR,9'aR)-isomer; RN for cpd without isomeric designation not in Chemline 7/85

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luteosporin
(RN) 2530-39-4
(HM) *NAPHTHOQUINONES
(II) PIGMENTS
(II) MYCOTOXINS
(NO) from Microsporum cookei & Epidermophyton floccosum

luteotropin, decidual
(RN) 86675-60-7
(SY) decidual luteotropin
(HM) *PITUITARY HORMONES, ANTERIOR
(NO) heat-labile protein , MW 23,500; competes with PRL for the same receptor sites on rat ovarian membranes, markedly affects luteal cell content of receptors for LH & estradiol & sustains progesterone synthesis

M luteus gamma endonuclease see gamma endonuclease, Micrococcus luteus

lutropin-alpha see alpha subunit, pituitary hormones

lutropin-beta see luteinizing hormone beta subunit

luxol-fast-blue see luxol fast blue MBS

luxol fast blue MBS
(RN) 1328-51-4
(SY) methasol fast blue
(SY) C.I. solvent blue 38
(SY) luxol-fast-blue
(HM) *INDOLES
(II) STAINS AND STAINING
(II) DYES
(NO) phthalocyanine group exact composition unknown in Chemline

luzopeptin A see BBM-928 A

Lu 10-171 see citalopram

LU 1631 see amezinium

Lu 19005
(SY) Lu-19-005
(SY) 3-(3,4-dichlorophenyl)-N-methyl-1-indanamine HCl
(HM) *INDANS
(PA) SEROTONIN ANTAGONISTS
(PA) DOPAMINE/antag
(PA) NOREPINEPHRINE/antag
(NO) potent inhibitor of dopamine, serotonin & noradrenaline uptake; structure given in first source

Lu-19-005 see Lu 19005

LU 2030 see 4,5,6,7-tetrahydroisoxazolo(5,4-c)pyridin-3-ol

LU-2-030 see 4,5,6,7-tetrahydroisoxazolo(5,4-c)pyridin-3-ol

LU-20884 see LU 20884

LU 20884
(RN) 60106-64-1
(SY) beta-methyl-(1,1'-biphenyl)-4-propanenitrile
(SY) LU-20884
(SY) 3-methyl-(1,1'-biphenyl)-4-propionic acid nitrile
(HM) *BIPHENYL COMPOUNDS
(PA) ANTI-INFLAMMATORY AGENTS
(PA) ANALGESICS, ANTI-INFLAMMATORY
(NO) stucture given in first source

Lu 2443
(RN) 19703-86-7
(SY) Lu-2443
(SY) didehydro-4-methyl-5-phenyl-1,3,4-thiadiazolidine-2-thione
(HM) *THIADIAZOLES
(PA) ANTICONVULSANTS
(NO) structure given in first source

Lu-2443 see Lu 2443

LU 3-010 see phthalapromine

LU 3-049 see prindamine

Lu 5-003
(RN) 21489-20-3
(RR) 25487-28-9 (HCl)
(SY) 1-(3-methylaminopropyl)-1-phenyl-3,3-dimethylthiophthalane.HCl
(SY) talsupram
(HM) *THIOPHENES
(PA) ANTIDEPRESSIVE AGENTS
(NO) RN given refers to parent cpd; structure

LVP-1 see liver-specific protein

LVT-BS see larvicidal toxin (Bacillus sphaericus)

Ly-15 alloantigen see lymphocyte function-associated antigen

LY 6.2 alloantigen see MM antigen

Lyb-2 see differentiation antigens, B-lymphocyte

Lyb-2.1 see differentiation antigens, B-lymphocyte

Lycasin
(RN) 9053-46-7
(HM) *SUGAR ALCOHOLS
(II) SWEETENING AGENTS
(NO) starch hydrolysate containing sorbitol, maltitol, & oligosaccharides consisting of a chain of glucose molecules with a sorbitol molecule at one end of the chain

lycobetaine see ungeremine

lycobetaine acetate see ungeremine

lycopene
(RN) 502-65-8
(RR) 13018-46-7 ((13-cis)-isomer)
(RR) 4418-71-7 ((cis)-isomer)
(RR) 2361-24-2 ((7-cis,7'-cis,9-cis,9'-cis)-isomer)
(SY) prolycopene
(HM) *CAROTENE
(NO) RN given refers to cpd without isomeric designation

lycopersene
(RN) 502-62-5
(HM) *TERPENES
(NO) biosynthetic product of squalene synthetase; structure

lycopsamine see indicine

lycorine
(RN) 476-28-8
(RR) 2188-68-3 (HCl(1alpha,2beta)-isomer)
(SY) 2,4,5,7,12b,12c-hexahydro-1H-(1,3)dioxolo- (4,5-j)pyrrolo(3,2,1-de)phenanthridine-1,2-diol
(HM) *PHENANTHRIDINES
(NO) from bulbs of Lycorus radiata L. & other plants; RN given refers to (1 alpha,2 beta)-isomer; RN for cpd without isomeric designation not in Chemline 8/4/83; structure in Merck Index, 9th ed, #5444

Lycramine brilliant blue JL
(SY) LCBBJL
(HM) *ACRYLATES
(II) STAINS AND STAINING
(NO) acrylic textile dye; no other information available 8/85

lycurim see dimesylerythritol

LYDMA see lymphocyte function-associated antigen

lykurim see dimesylerythritol

lymphazurin see iso-sulfan blue

lymphocyte alloantigen ELY-2.1 see ELY-2 antigen

lymphocyte-associated antigen see lymphocyte function-associated antigen

lymphocyte chemotactic factor see lymphotactin

lymphocyte-derived chemotactic factor see lymphotactin

lymphocyte effector molecules
(HM) *LYMPHOTOXINS

lymphocyte function-associated antigen
(SY) LFA-1
(SY) lymphocyte-associated antigen
(SY) HLFA
(SY) MTA antigen
(SY) LFA-2
(SY) LFA-3
(SY) lymphocyte function-associated antigen 1
(SY) LYDMA
(SY) Ly-15 alloantigen
(HM) *ANTIGENS, SURFACE
(NO) participates in T lymphocyte-mediated killing; LFA-1 is murine & HLFA is human counterpart; MTA serves as target for specific T killer lymphocytes in mice

lymphocyte function-associated antigen 1 see lymphocyte function-associated antigen

lymphocyte membrane complement receptor type two see complement 3d receptor

lymphocyte proliferation inhibitory factor
(SY) proliferation inhibitory factor
(SY) lymphocyte transformation inhibition factor
(SY) LPIF
(SY) interleukin 1 inhibitor
(HM) *LYMPHOKINES
(PA) INTERLEUKIN 1/antag

lymphocyte proliferation potentiating factor
(SY) lymphocyte stimulating factor (polymorphonuclear leukocyte)
(SY) LPPF
(HM) *LYMPHOKINES
(NO) from polymorphonuclear leukocytes; MW species dependent; MW (mouse) 15,00-25,000, MW (rabbit) 10,00-20,000; different from interleukin 1

lymphocyte stimulating factor (polymorphonuclear leukocyte) see lymphocyte proliferation potentiating factor

lymphocyte transformation inhibition factor see lymphocyte proliferation inhibitory factor

lymphokine eosinophil stimulation promoter see eosinophil stimulating promoter

lymphoma-associated antigen
(SY) LAA
(HM) *ANTIGENS, NEOPLASM
(II) LYMPHOMA
(NO) isolated from lymphomas; MW 29,000; indicated in serological test for early detection of malignant lymphomas

lymphoprep
(RN) 66720-17-0
(HM) *FICOLL
(HM) *METRIZOATE
(NO) combination of above cpds

lymphotactin
(SY) chemotactic factor, lymphocyte
(SY) lymphocyte-derived chemotactic factor
(SY) LCDF
(SY) lymphocyte chemotactic factor
(HM) *SIALOGLYCOPROTEINS
(HM) *LYMPHOKINES
(II) LYMPHOCYTES
(II) CHEMOTACTIC FACTORS, EOSINOPHIL
(NO) sialoprotein isolated from aqueous extracts of thymus from vaccinated calves; specifically chemotactic for lymphocytes; MW approx 10,500

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Lyndiol see Noracycline

lyngbyatoxin A
(RN) 70497-14-2
(RR) 56645-57-9 (teleocidin A)
(SY) teleocidin A
(HM) *LYNGBYA TOXINS
(II) MARINE TOXINS
(II) DERMOTOXINS
(NO) indole alkaloid from blue-green alga Lyngbya majuscula Gomont; responsible for dermatitis known as "swimmers' itch" in Hawaii

lyobil see liobyl

lyodura
(HM) *COLLAGEN
(NO) sterile non-antigenic, non-pyrogenic collagen preparation

lyoniatoxin see lyoniol-A

lyoniol-A
(RN) 31136-61-5
(SY) lyoniatoxin
(HM) *DITERPENES
(II) TOXINS
(NO) toxic component from poisonous tree in Japan(Lyonia ovalifolia var. elliptica); RN given refers to (2beta,3beta,6beta,7alpha)-isomer; RN for cpd without isomeric designation not in Chemline 7/84; structure

lyoniside
(RN) 474-58-8
(SY) sitosterol beta-D-glucoside
(SY) daucosterol
(SY) beta-sitosterol-beta-D-glycoside
(SY) eleutheroside A
(HM) *SITOSTEROLS
(NO) see also eleutherosides & syringin for eleutheroside B: 118-34-3; RN given refers to (3beta)-isomer; RN for cpd without isomeric designation not in Chemline 7/84

lyorthol see 2-phenylphenol

lypressin receptor
(SY) (8-lysine) vasopressin receptors
(SY) receptor, lypressin
(SY) lypressin receptors
(HM) *RECEPTORS, ANGIOTENSIN
(II) LYPRESSIN

lypressin receptors see lypressin receptor

Lys-Ala-Ala see lysyl-alanyl-alanine

7-Lys-Ala-4-MCA see 7-lysylalanyl-4-methylcoumarinamide

Lys(8)-Asn(9)-neurotensin(8-13) see neurotensin-related hexapeptide

D-lysergic acid-activating enzyme
(RN) EC 2.7.7.-
(HM) *NUCLEOTIDYLTRANSFERASES
(NO) Claviceps purpurea enzyme forms D-lysergic acid adenylate; involved in formation of ergot peptides; catalyzes D-lysergic acid-dependent ATP-pyrophosphate exchange

lysergic acid alpha-hydroxyethylamide
(RN) 3343-15-5
(HM) LYSERGIC ACID DIETHYLAMIDE/*analogs
(NO) RN given refers to (8beta(S))-isomer; RN for cpd without isomeric designation not in Chemline 2/84

lysergic acid diethylamide receptor see LSD receptor

lysergic acid diethylamide receptors see LSD receptor

Lys-gamma(3)-melanotropin see MSH, Lys-gamma(3)

Lys-Ile-Pro-Tyr-Ile-Leu see neuromedin N

lysin
(SY) lysins, egg-membrane
(HM) *MUCOPROTEINS
(II) ENZYMES
(II) VITELLINE MEMBRANE
(NO) mucopolysaccharide-protein complex isolated from egg membrane of sea snail, Tegula pfeifferi; exerts stoichiometric lytic activity on the membrane; also isolated from sperm of marine invertebrate Megathura crenulata which lyse the egg-membrane of the same species; may have enzymatic activity; composed of 134 amino acids; amino acid sequence known

lysine acetylsalicylate see Solusprin

L-lysine-alpha oxidase
(RN) EC 1.4.3.14
(RR) 70132-14-8 (CRN)
(HM) *AMINO ACID OXIDOREDUCTASES
(NO) converts L-lysine to 2-oxo-6-aminohexanoate

lysine amidase
(RN) EC 3.5.1.-
(HM) *AMIDOHYDROLASES

lysine 6-aminotransferase
(RN) EC 2.6.1.36
(RR) 9054-68-6 (CRN)
(SY) lysine epsilon-transaminase
(HM) *AMINOTRANSFERASES

lysine decarboxylase
(RN) EC 4.1.1.18
(RR) 9024-76-4 (CRN)
(HM) *CARBOXY-LYASES

lysine epsilon-transaminase see lysine 6-aminotransferase

lysine hydroxamate
(RN) 25125-92-2
(HM) LYSINE/*analogs
(NO) RN given refers to (S)-isomer; RN for cpd without isomeric designation not in Chemline 12/19/83

lysine-ibuprofen see solufenum

lysine-p-isobutylphenylpropionate see solufenum

lysine-ketoglutarate reductase (NADP+) see saccharopine dehydrogenase (NADP+, lysine-forming)

6-lysine-LHRH see LHRH, Lys(6)-

8-lysine-LHRH see LHRH, Lys(8)-

lysine MK 421 see MK 521

lysinenorleucine
(RN) 25612-46-8
(SY) lysylnorleucine
(SY) Lys-Nle
(HM) *DIPEPTIDES
(NO) RN given refers to (S)-isomer; RN for cpd without isomeric designation not in Chemline 7/84

lysine-2-oxoglutarate reductase (NADP+) see saccharopine dehydrogenase (NADP+, lysine-forming)

lysine-C peptidase
(RN) EC 3.4.-
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) used in amino acid sequence determinations

lysine salicylate
(RN) 59535-08-9
(HM) LYSINE/*analogs
(HM) *SALICYLATES
(PA) ANTI-INFLAMMATORY AGENTS

lysine sepharose see lysine-sepharose

lysine-sepharose
(SY) Lys-sepharose
(SY) lysine sepharose
(HM) SEPHAROSE/*analogs
(II) AFFINITY LABELS
(NO) affinity chromatography

lysine theophylline
(RN) 83920-54-1
(SY) theophylline lysine
(HM) THEOPHYLLINE/*analogs
(NO) soluble theophylline

lysine tRNA see tRNA, lysine-

lysine-tRNA see tRNA, lysine-

lysine(4)-tuftsin see tuftsin, Lys(4)-

L-Lysine, N(2)-(1-(N(2)-(N-(N(2)-(N(2)-(N-(N-(N-(N-L-tyrosyl-D-alanyl)glycyl)-L-phenylalanyl)-L-leucyl)-L-arginyl)-L-arginyl)-L-isoleucyl)-L-arginyl)-L-prolyl)- see dynorphin (1-11), Ala(2)-

(8-lysine) vasopressin receptors see lypressin receptor

lysinomicin
(RN) 79528-70-4
(SY) D-myo-Inositol, 5-amino-6-O-(6-(aminomethyl)-3-((3,6-diamino-1-oxohexyl)amino)-3,4-dihydro-2H-pyran-2-yl)-2,5-dideoxy-3-O-methyl-2-(methylamino)-, (2R-cis)-
(HM) AMINOGLYCOSIDES
(PA) ANTIBIOTICS
(NO) structure given in first source

lysinsalicylate
(HM) *SALICYLATES
(PA) ANTIPYRETICS
(NO) RN in Chemline for L-lysine, salicylate salt: 59535-08-9; RN for L-lysine, monosalicylate salt: 57282-48-1; cpd not in Chemline 6/22/83

lysins, egg-membrane see lysin

lysin, streptococcus bacteriophage
(SY) strep phage lysin
(SY) C phage associated lysin
(HM) *ENZYMES
(II) BACTERIOLYSIS

lysis protein (bacteriophage MS2)
(SY) lysis protein MS2
(HM) *VIRAL PROTEINS
(II) BACTERIOLYSIS

lysis protein (E. coli)
(SY) E. coli lysis protein
(HM) *BACTERIAL PROTEINS

lysis protein MS2 see lysis protein (bacteriophage MS2)

Lys-Lys see lysyllysine

L-Lys-L-Lys see lysyllysine

lysly-tryptophyl-glycyl-lysine O-tert-butyl ester see O-tert-butyl lysyl-tryptophyl-glycyl-lysinate

Lys-Nle see lysinenorleucine

lysoartrosi
(RN) 39307-41-0
(HM) *PEPTIDES
(PA) ANTI-INFLAMMATORY AGENTS
(II) TISSUE EXTRACTS
(NO) lysate of amino acid & low MW peptides from animal organs dry spleen, liver, thyroid, muscle

lysobisphosphatidic acid see bis(monoacylglyceryl)phosphate

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lysocellin
(RN) 55898-33-4
(RR) 55599-69-4 (mono-Na salt)
(HM) ETHERS
(PA) ANTIBIOTICS
(II) IONOPHORES
(NO) polyether antibiotic; RN given refers to parent cpd

lysocorticone
(RN) 53468-83-0
(HM) *ADRENAL CORTEX HORMONES
(HM) *PITUITARY HORMONES, ANTERIOR
(PA) ANTI-INFLAMMATORY AGENTS
(NO) biological preparation from lysate of adrenal cortex and anterior hypophysis (4:1) containing peptides and amino acids; polypeptides are of low MW

lyso-DMPC see myristoyllysophosphatidylcholine

Lysol
(RN) 12772-68-8
(HM) *CRESOLS
(PA) DISINFECTANTS

lysomyristoylphosphatidylcholine see myristoyllysophosphatidylcholine

Lysoneuro
(RN) 11121-86-1
(HM) *NERVE TISSUE PROTEINS
(PA) TRANQUILIZING AGENTS

lyso-PAF see O-deacetyl platelet activating factor

2-lyso PAF-acether see O-deacetyl platelet activating factor

lysophosphatidic acid acyltransferase see 2-acylglycerophosphate acyltransferase

lysophosphatidic acids
(HM) *PHOSPHATIDIC ACIDS

lysophosphatidylcholine lysophosphatidylcholine transacylase see lysophospholipase-transacylase

lysophosphatidyl ethanolamine see lysophosphatidylethanolamine

lyso-phosphatidyl ethanolamine see lysophosphatidylethanolamine

lysophosphatidylethanolamine
(SY) lysophosphatidylethanolamines
(SY) lysophosphatidyl ethanolamine
(SY) lyso-phosphatidyl ethanolamine
(HM) *PHOSPHATIDYLETHANOLAMINES

lysophosphatidylethanolamines see lysophosphatidylethanolamine

lysophosphatidylglycerol
(HM) *PHOSPHATIDYLGLYCEROLS

lysophosphatidylinositol
(SY) lysophosphatidylinositols
(HM) *PHOSPHATIDYLINOSITOLS

lysophosphatidylinositols see lysophosphatidylinositol

lysophosphatidylserine
(HM) *PHOSPHATIDYLSERINES
(NO) stimulates histamine secretion from isolated mast cells in mouse plasma

lysophosphoglycerides
(HM) *GLYCEROPHOSPHATES
(II) LYSOPHOSPHATIDYLCHOLINES

lysophospholipase-transacylase
(SY) lysophosphatidylcholine lysophosphatidylcholine transacylase
(HM) *LYSOPHOSPHOLIPASE
(HM) *ACYLTRANSFERASES
(HM) *MULTIENZYME COMPLEXES

lysophospholipids
(SY) alkyl lysophospholipids
(HM) *PHOSPHOLIPIDS
(PA) ANTINEOPLASTIC AGENTS
(II) LYSOPHOSPHATIDYLCHOLINES
(NO) synthetic analogs of naturally occurring 2-lysolecithin

lysopine
(RN) 34522-31-1
(RR) 16518-77-7 ((D-Lys)-isomer)
(HM) LYSINE/*analogs
(NO) RN given refers to (L-Lys)-(R)-isomer; RN for cpd without isomeric designation not in Chemline 7/84

D-lysopine dehydrogenase
(RN) EC 1.5.1.16
(RR) 65187-41-9 (CRN)
(HM) *D-AMINO ACID OXIDASE

lysoplasmalogenase see plasmalogenase

lysoplasmalogens
(SY) lysoplasmenylethanolamine
(SY) lysoplasmenylcholine
(HM) *PLASMALOGENS

lysoplasmenylcholine see lysoplasmalogens

lysoplasmenylethanolamine see lysoplasmalogens

lyso-platelet-activating factor-acetyl CoA acetyltransferase see 1-alkylglycerophosphocholine acetyltransferase

lysosomal carboxypeptidase C see proline carboxypeptidase

lysosomal cationic protein see neutrophil basic protein

lysosomal proteins
(HM) *PROTEINS
(II) LYSOSOMES

Lys-Phe see lysylphenylalanine

Lys-Phe-Ile-Gly-Leu-Met-amide see lysyl-phenylalanyl-isoleucyl-glycyl-leucyl- methioninamide

lys plasmin see lys-plasmin

lys-plasmin
(SY) plasmin (77-790)
(SY) Lys(77)-plasmin
(SY) lys plasmin
(HM) *FIBRINOLYSIN
(HM) *PEPTIDE FRAGMENTS
(NO) plasmin residues (77-790)

Lys-plasminogen see lysyl-plasminogen

Lys-77-plasminogen see lysyl-plasminogen

Lys(77)-plasminogen see lysyl-plasminogen

Lys(77)-plasmin see lys-plasmin

Lys-Pro see lysylproline

Lys-Pro-Arg-Thr-Lys-Pro-Arg see tuftsin, Lys-Pro-Arg-

Lys-Pro-Arg-tuftsin see tuftsin, Lys-Pro-Arg-

Lys-Pro-Val see MSH(11-13)

Lys-sepharose see lysine-sepharose

Lys-Thr-Lys-Gly-Ser-Gly-Phe-PheNH2 see IgE octapeptide (497-504)

Lys-tRNA see tRNA, lysine-

Lys-Trp-alpha-Lys see lysyl-tryptophyl-alpha-lysine

Lys-Trp-Lys see lysyl-tryptophyl-alpha-lysine

Lys-Try-Gly-Lys O-tBu see O-tert-butyl lysyl-tryptophyl-glycyl-lysinate

Lys(4)-tuftsin see tuftsin, Lys(4)-

lysyl-alanyl-alanine
(RN) 33755-56-5
(SY) Lys-Ala-Ala
(HM) *OLIGOPEPTIDES
(NO) RN given refers to (L-Lys-D-Ala)-isomer; RN for cpd without isomeric designation not in Chemline 12/84

7-lysylalanyl-4-methylcoumarinamide
(SY) 7-Lys-Ala-4-MCA
(HM) *COUMARINS
(II) CHROMOGENIC COMPOUNDS
(NO) fluorogenic substrate for dipeptidyl aminopeptidase

6-lysyl-7-arginyl-methionine enkephalin see enkephalin-Met, Lys(6)-Arg(7)-

lysyl-asparaginyl-prolyl-tyrosyl-isoleucyl-leucinol see neurotensin-related hexapeptide

lysyl endopeptidase see achromopeptidase

lysyl-isoleucyl-prolyl-tyrosyl-isoleucyl-leucine see neuromedin N

lysyl-ketoprofen see ketoprofen lysine

lysyllysine
(RN) 13184-13-9
(RR) 52123-30-5 (di-HCl)
(RR) 57282-52-7 (HCl)
(RR) 79360-20-6 (mono-trifluoroacetate)
(SY) L-lysyl-L-lysine
(SY) L-Lys-L-Lys
(SY) Lys-Lys
(HM) *DIPEPTIDES
(NO) RN given refers to (L-Lys)-isomer; RN for cpd without isomeric designation not in Chemline 8/4/83

L-lysyl-L-lysine see lysyllysine

6-lysyl-methionine enkephalin see enkephalin-Met, Lys(6)-

lysylnorleucine see lysinenorleucine

lysylphenylalanine
(RN) 6235-35-4
(RR) 81839-29-4 (di-HCL(L)-isomer)
(RR) 56926-67-1 (diacetate(L)-isomer)
(RR) 4078-58-4 (mono-HCl(L)-isomer)
(SY) Lys-Phe
(HM) *DIPEPTIDES
(PA) ANTISICKLING AGENTS
(NO) cell sickling & hemoglobin S gelatin inhibitor; RN given refers to parent cpd (L)-isomer; RN for parent cpd without isomeric designation not in Chemline 11/83

lysyl-phenylalanyl-isoleucyl-glycyl-leucyl-methioninamide
(RN) 2990-43-4
(RR) 3708-55-2 (di-HCl)
(RR) 56396-88-4 (mono-HCl)
(RR) 2906-19-6 (di-HCl(D-Lys)-isomer)
(SY) LPIGLM
(SY) Lys-Phe-Ile-Gly-Leu-Met-amide
(HM) *OLIGOPEPTIDES
(II) SLOW-REACTING SUBSTANCES
(NO) pharmacological actions similar to Substance P; RN given refers to (all-L)-isomer; RN for cpd without isomeric designation not in Chemline 8/4/83

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lysylphosphatidylglycerol
(RN) 42241-11-2
(HM) *PHOSPHATIDYLGLYCEROLS

lysyl-plasminogen
(SY) Lys-plasminogen
(SY) Lys(77)-plasminogen
(SY) Lys-77-plasminogen
(SY) plasminogen-lysine
(HM) *PLASMINOGEN
(HM) *PEPTIDE FRAGMENTS
(NO) degraded or activated form in contrast to "native" glutamyl-plasminogen; human plasminogen consisting of residues Lys(77)-Asn(790)

lysylproline
(RN) 52766-27-5
(SY) Lys-Pro
(HM) *DIPEPTIDES
(II) SUBSTANCE P
(NO) third & fourth amino acid in substance P sequence

lysyl-prolyl-arginyl-tuftsin see tuftsin, Lys-Pro-Arg-

L-lysyl-L-prolyl-L-valine see MSH(11-13)

lysyl-tRNA see tRNA, lysine-

lysyltryptophyl-alpha-lysine see lysyl-tryptophyl-alpha-lysine

lysyl-tryptophyl-alpha-lysine
(RN) 38579-27-0
(SY) Lys-Trp-Lys
(SY) Lys-Trp-alpha-Lys
(SY) lysyltryptophyl-alpha-lysine
(HM) *OLIGOPEPTIDES
(NO) RN & N1 from 9th CI Form Index; RN given refers to (all-L)-isomer; RN for cpd without isomeric designation not in Chemline 8/4/83

Lyt antibodies
(SY) anti-Lyt-2
(SY) anti-Lyt-1
(SY) alphaLyt-1
(SY) alphaLyt-2
(SY) Lyt molecules
(HM) *ISOANTIBODIES

LYT-3.2 antigen see differentiation antigens, T lymphocyte

Lyt molecules see Lyt antibodies

anti-Lyt-1 see Lyt antibodies

anti-Lyt-2 see Lyt antibodies

D-lyxo-2-hexosulose see galactosone

lyxose
(RN) 65-42-9
(RR) 1949-78-6 ((L)-isomer)
(RR) 1114-34-7 ((D)-isomer)
(HM) *PENTOSES
(NO) RN given refers to cpd without isomeric designation in Chemline

LY 04432 see Lilly 04432

LY 104119
(RN) 74249-07-3
(RR) 72332-32-2 (mono-HCl(R-(R*,S*))-isomer)
(SY) LY-104119
(SY) 4-(3-((2-hydroxy-2-phenethyl)amino)butyl) benzamide HCl
(HM) *2-HYDROXYPHENETHYLAMINE/analogs
(PA) ADRENERGIC BETA RECEPTOR AGONISTS
(NO) RN given refers to (R-(R*,S*))-isomer; RN for cpd without isomeric designation not in Chemline 7/85; structure given in first source

LY-104119 see LY 104119

LY 108380 see doxpicodin

LY 109514 see nabilone

LY 116467
(RN) 57202-76-3
(RR) 72535-24-1 (monomesylate(8beta)-isomer)
(SY) LY-116467
(SY) 6-methyl-8-((methylthio)methyl)ergoline (8beta)
(HM) *ERGOLINES
(NO) RN given refers to parent cpd(8beta)-isomer; RN for cpd without isomeric designation not in Chemline 7/84; structure given in first source

LY-116467 see LY 116467

LY-117018 see LY 117018

LY117018 see LY 117018

LY 117018
(RN) 63676-25-5
(SY) 6-hydroxy-2-(4-hydroxyphenyl)benzo(b)thien-3-yl 4-(2-(1-pyrrolidinyl)ethoxy phenyl ketone
(SY) LY117018
(SY) Lilly 117018
(SY) LY-117018
(HM) *PYRROLIDINES
(HM) *THIOPHENES
(PA) ESTROGEN ANTAGONISTS
(NO) from Eli Lilly; less estrogenic & more estrogen-antagonistic than tamoxifen & trioxifene in rats & mice; structure in first source

LY117413
(RN) 82970-70-5
(SY) LY-117413
(SY) 4-(3-hydroxyphenyl)-3,4-dimethyl-alpha-phenyl-1-piperidinepropanol
(SY) Lilly 117413
(HM) *PIPERIDINES

LY-117413 see LY117413

LY 121019
(SY) LY-121019
(HM) PEPTIDES
(PA) ANTIBIOTICS, ANTIFUNGAL
(NO) active antimycotic agent against Candida albicans

LY-121019 see LY 121019

LY 121768
(RN) 86408-33-5
(SY) LY-121768
(SY) N-(2-(2-iodophenoxy)ethyl)cyclopropylamine
(HM) *CYCLOPROPANES
(PA) MONOAMINE OXIDASE INHIBITORS
(NO) iodo analog of LY 51641; structure given in first source

LY-121768 see LY 121768

LY 122771-72 see enviroxime

LY 127123
(RN) 80883-55-2
(SY) LY-127123
(HM) *BENZIMIDAZOLES
(PA) ANTIVIRAL AGENTS
(NO) RN given refers to (E)-isomer in Chemline; RN for cpd without isomeric designation not in Chemline 8/2/83

LY-127123 see LY 127123

LY 127210
(SY) LY-127210
(SY) 7,8-dimethoxy-1H-3-benzazepin-2-amine HCl
(HM) *BENZAZEPINES
(PA) ANTIHYPERTENSIVE AGENTS
(NO) structure given in first source

LY-127210 see LY 127210

LY 127623 see metkephamid

LY-127623 see metkephamid

LY 133314 see trioxifene

LY-134046 see LY 134046

LY 134046
(RN) 71274-97-0
(RR) 69739-51-1 (HCl)
(SY) LY134046
(SY) 8,9-dichloro-2,3,4,5-tetrahydro-1H-2-benzazepine hydrochloride
(SY) Lilly 134046
(SY) LY-134046
(HM) *BENZAZEPINES
(NO) RN given refers to parent cpd; structure in first source

LY134046 see LY 134046

LY 135252 see nisoxetine

LY-135252 see nisoxetine

LY 136595 see LY 150720

LY 136596 see LY 150720

LY139481 see LY 139481

LY 139481
(RN) 84449-90-1
(RR) 82640-04-8 (HCl)
(SY) LY-139481
(SY) LY139481
(SY) LY 156758
(SY) LY-156758
(SY) LY156758
(SY) keoxifene
(HM) *PIPERIDINES
(PA) ESTROGEN ANTAGONISTS
(NO) RN given refers to parent cpd; LY 156758 refers to HCl; structure given in first source

LY-139481 see LY 139481

LY 139603 see tomoxetine

LY 140091
(RN) 74814-56-5
(SY) LY-140091
(SY) 3-((5-methoxy-3-oxo-2(3H)benzofuranylidene) methyl)benzoic acid
(HM) *BENZOFURANS
(NO) structure given in first source; RN given refers to (Z)-isomer; RN for cpd without isomeric designation not in Chemline 4/84

LY-140091 see LY 140091

LY-141865 see LY 141865

LY 141865
(RN) 74196-93-3
(RR) 80373-22-4 ((4aR-trans)-isomer)
(SY) 4,4a,5,6,7,8,8a,9-octahydro-5-propyl-2H-pyrazolo-(3,4-g)quinoline
(SY) LY-141865
(SY) Lilly 141865
(SY) LY 171555
(SY) LY-171555
(HM) *ERGOLINES
(NO) specifically stimulates dopamine receptor in rats; RN given refers to (trans-(+-))-isomer; RN for cpd without isomeric designation not in Chemline 8/83

LY-150720 see LY 150720

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LY 150720
(RN) 79201-85-7
(RR) 83718-63-2 (HCl(trans)-(+)-isomer)
(RR) 83718-62-1 (HCl(trans)-(-)-isomer)
(RR) 82999-30-2 ((trans)-(+)-isomer)
(RR) 82970-73-8 ((trans)-(-)-isomer)
(RR) 74685-16-8 (HCl(trans)-(+-)-isomer)
(SY) Lilly 150720
(SY) LY 97435
(SY) LY 97436
(SY) LY-150720
(SY) picenadol
(SY) LY 136596
(SY) LY 136595
(HM) *PIPERIDINES
(PA) ANALGESICS
(PA) NARCOTIC ANTAGONISTS
(NO) racemic mixture of D-optical isomer (LY 97435) exhibiting potent morphine-like agonist activity & L-optical isomer (LY 97436) exhibiting nalorphine-like activity; RN given refers to parent cpd(trans)-(+-)-isomer; RN for cpd without isomeric designation not in Chemline 7/84; structure given in first source

LY151364 see LY 151364

LY 151364
(SY) LY-151364
(SY) LY151364
(SY) 6-((3-fluorophenyl)amino)-5,8-quinoxalinedione
(HM) *QUINOXALINES
(PA) SRS-A/antag
(NO) structure given in first source

LY-151364 see LY 151364

LY-154005 see LY 154005

LY 154005
(SY) LY154005
(SY) LY-154005
(HM) *ISOQUINOLINES
(NO) unabridged benz(f)isoquinoline

LY154005 see LY 154005

LY-154045 see LY 154045

LY 154045
(SY) LY154045
(SY) LY-154045
(HM) *ISOQUINOLINES
(PA) ASPARTIC ACID/antag
(NO) bridged benz(f)isoquinoline

LY154045 see LY 154045

LY 156758 see LY 139481

LY156758 see LY 139481

LY-156758 see LY 139481

LY 165163
(SY) LY-165163
(SY) p-NH2-PE-TFMPP
(HM) *PIPERAZINES
(NO) structure given in first source

LY-165163 see LY 165163

LY 171555 see LY 141865

LY-171555 see LY 141865

LY 171859
(RN) 89139-28-6
(SY) LY-171859
(SY) 3-((2,3-dihydro-5-methoxy-3-oxo-2-benzofuranyl) methyl)benzoic acid
(HM) *BENZOFURANS
(NO) structure given in first source

LY-171859 see LY 171859

LY 171883
(SY) LY-171883
(SY) 1-((2-hydroxy-3-propyl)-4-(1H-tetrazol-5-yl) butoxyphenyl)ethanone
(HM) *ACETOPHENONES
(HM) *TETRAZOLES
(PA) SLOW-REACTING SUBSTANCES/antag
(NO) structure given in first source

LY-171883 see LY 171883

LY 175326 see sulmazole

LY175326 see sulmazole

LY-175326 see sulmazole

LY 18947 see Lilly 18947

LY 49825 see 17 alpha-ethinylestriol 3-cyclopentyl ether

LY 51641 see Lilly 51641

LY-53857 see LY 53857

LY 53857
(RN) 60634-51-7
(SY) Lilly 53857
(SY) LY-53857
(HM) *ERGOLINES
(PA) SEROTONIN ANTAGONISTS
(NO) RN given refers to maleate[1:1](8beta)-isomer; RN for parent cpd without isomeric designation not in Chemline 7/84

LY 78335 see 2,3-dichloro-alpha-methylbenzylamine

LY-79771 see LY 79771

LY79771 see LY /9771

LY 79771
(RN) 74248-92-3
(RR) 85484-12-4 (HCl(S-(R*,R*))-isomer)
(RR) 85484-11-3 (HCl(S-(R*,S*))-isomer)
(RR) 74432-77-2 (HCl(R-(R*,R*))-isomer)
(SY) (R-(R*,S*)) alpha-(((3-(4-hydroxyphenyl)-1-methylpropyl)amino)methyl)benzenemethanol
(SY) LY79771
(SY) Lilly 79771
(SY) LY-79771
(HM) *2-HYDROXYPHENETHYLAMINE/analogs
(NO) lipolytic cpd for weight control; RN given refers to HCl(R-(R*,S*))-isomer; RN for parent cpd without isomeric designation not in Chemline 10/83

LY 81067
(RN) 87186-60-5
(SY) 5,6-bis(4-methylphenyl)-3-(4-hydroxypiperidino)-1,2,4-triazine
(SY) Lilly 81067
(HM) *TRIAZINES
(PA) ANTICONVULSANTS
(NO) structure in first source

LY83583 see LY 83583

LY 83583
(SY) LY-83583
(SY) 6-anilino-5,8-quinolinedione
(SY) LY83583
(HM) *AMINOQUINOLINES
(PA) SRS-A/antag
(NO) structure given in first source

LY-83583 see LY 83583

LY 88571 see trioxifene

LY 94939 see nisoxetine

LY 97435 see LY 150720

LY 97436 see LY 150720

L-105 see L 105

L 105
(RN) 80621-81-4
(SY) 4-deoxy-4'-methylpyrido(1',2'-1,2)imidazo(5,4C) rifamycin
(SY) L-105
(HM) *RIFAMYCINS

L-10503 see L 10503

L 10503
(RN) 55308-37-7
(SY) 2-(3-methoxyphenyl)-5,6-dihydro-s-triazolo(5,1-a)isoquinoline
(SY) L-10503
(HM) *ISOQUINOLINES
(PA) ABORTIFACIENT AGENTS, NON-STEROIDAL

L-11204 see L 11204

L 11204
(RN) 55308-64-0
(SY) 5,6-dihydro-2-(3-ethoxyphenyl)-s-triazolo(5,1-a) isoquinoline
(SY) DL 204-IT
(SY) 2-(3-ethoxyphenyl)-5,6-dihydro-s-triazole(5,1-a) isoquinoline
(SY) L-11204
(HM) *ISOQUINOLINES
(PA) ABORTIFACIENT AGENTS, NON-STEROIDAL
(II) CONTRACEPTIVES, POSTCOITAL, SYNTHETIC
(NO) antifertility agent in vivo; inhibitor of prostaglandin synthesis; structure

L 134 see L-134

L-134
(RN) 54749-85-8
(SY) alpha-allylaminopropion-o-toluidide
(SY) L 134
(HM) *ANILIDES
(PA) ANESTHETICS, LOCAL
(NO) structure

L 14224
(RN) 61408-68-2
(SY) L-14224
(SY) 16-methyl-16-methoxy-PGE2
(SY) 16-methyl-16-methoxyprostaglandin E2
(HM) *PROSTAGLANDINS E, SYNTHETIC
(NO) PGE2 analog of MDL 646 with same configuration at C-15 & C-16 positions

L-14224 see L 14224

L 14655
(RN) 94788-69-9
(SY) L-14655
(SY) 7(alpha-fluoro-2-thienylacetamido) cephalosporanic acid
(HM) CEPHALOTHIN/*analogs
(NO) fluorinated derivative of cephalothin; structure given in first source; RN given refers to (6R-(6alpha,7beta))-isomer; RN for cpd without isomeric designation not available 7/85

L-14655 see L 14655

L-1690 see sucrose monolaurate

L-1913 see L 1913

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L 1913
(RN) 423-55-2
(SY) perfluoroctylbromide
(SY) perfluorooctylbromide
(SY) L-1913
(HM) *FLUOROCARBONS
(II) CONTRAST MEDIA
(NO) potential anti-obesity compound; reduces food adsorption; 8-carbon perfluorocarbon radiopaque compound

L 1934 see butoprozine

L280,401 see nitroacridine 3582

L-280401 see nitroacridine 3582

L280401 see nitroacridine 3582

L-363586 see cyclo(N-methylalanyl-tyrosyl-tryptophyl-lysyl-valyl-phenylalanyl)

L 363586 see cyclo(N-methylalanyl-tyrosyl-tryptophyl-lysyl-valyl-phenylalanyl)

L 5418 see diftalone

L611,744 see L 611744

L 611744
(RN) 58211-94-2
(SY) L-611744
(SY) L611,744
(SY) 3a,4,5,6,7,8,9,9a-octahydro-3-(1-methyl-5-nitroimidazol-2-yl)cycloocta(d)isoxazole
(HM) *NITROIMIDAZOLES
(PA) ANTIPROTOZOAL AGENTS
(NO) structure given in first source

L-611744 see L 611744

L 6150 see oxdralazine

L-6150 see oxdralazine

L 631,529 see L-631,529

L-631,529
(RN) 60200-06-8
(SY) MK 401
(SY) L 631,529
(SY) 4-amino-6-(trichloroethenyl)-1,3-benzenedisulfonamide
(SY) clorsulon
(HM) *SULFANILAMIDES
(PA) ANTHELMINTICS
(PA) ANTIPLATYHELMINTIC AGENTS
(NO) potent fasciolicide; structure

L634,549 see L 634549

L 634549
(RN) 70483-69-1
(RR) 86812-19-3 (cpd with unspecified hydroxide locants)
(SY) L-634549
(SY) L634,549
(SY) cis-3a,4,5,6,7,7a-hexahydro-3-(1-methyl-5-nitro-1H-imidazol-2-yl)-1,2-benzisoxazole-6,7-diol
(HM) *NITROIMIDAZOLES
(PA) ANTIPROTOZOAL AGENTS
(NO) structure given in first source

L-634549 see L 634549

L-637,146 see 4-aza-4-methyl-5-pregnane-3,20-dione

L 637146 see 4-aza-4-methyl-5-pregnane-3,20-dione

L-640035 see L 640035

L-640,035 see L 640035

L 640035
(RN) 77167-93-2
(SY) 3-hydroxymethyldibenzo(b,f)thiepin 5,5-dioxide
(SY) L-640035
(SY) L-640,035
(HM) *DIBENZOTHIEPINS
(PA) PROSTAGLANDIN ANTAGONISTS
(II) PLATELET AGGREGATION/drug eff
(NO) inhibits human platelet aggregation induced by arachidonic acid, collagen & prostaglandin endoperoxide analog of U44069

L 640876
(RN) 77527-71-0
(SY) L-640,876
(SY) 7-(1-benzylpyridinium-4-yl)amino-3-(((1-methyl-1H-tetrazol-5-yl)thio)methyl)ceph-3-em-4- carboxylate
(HM) *CEPHALOSPORINS
(NO) semisynthetic antibiotic; structure given in first source; RN given refers to (6R-trans)-isomer; RN for cpd without isomeric designation not in Chemline 9/84

L-640,876 see L 640876

L-643,441 see L 643441

L 643441
(RN) 78442-39-4
(SY) L-643441
(SY) L-643,441
(SY) 3-N-(3-(3-(1-piperidinomethyl)phenoxy)propyl) amino-4-amino-1,2,5-thiadiazole-1-oxide
(HM) *THIADIAZOLES
(PA) HISTAMINE H2 RECEPTOR BLOCKADERS
(NO) structure given in first source

L-643441 see L 643441

L-643717-01J10 see L 643717-01J10

L 643717-01J10
(SY) L643,717-01J10
(SY) L-643717-01J10
(SY) (2-(3-(3,4-dimethoxyphenethylamino)-2-hydroxypropoxy)phenyl)-4-(2-thienyl)imidazole. 2HCl
(HM) *PROPANOLAMINES
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS

L643,717-01J10 see L 643717-01J10

L 644122 see 4-(3-((2-(1-hydroxycyclohexyl)ethyl)-4-oxo-2-thiazolidinyl)propyl)benzoic acid

L-644,122 see 4-(3-((2-(1-hydroxycyclohexyl)ethyl)-4-oxo-2-thiazolidinyl)propyl)benzoic acid

L 645151
(SY) L-645151
(SY) (2-sulfamoyl-6-benzothiazolyl)-2,2-dimethylpropionate
(HM) *THIAZOLES
(PA) CARBONIC ANHYDRASE INHIBITORS
(NO) structure given in first source

L-645151 see L 645151

L 646462
(SY) L-646,462
(SY) (3-methyl-2,5-dioxo-1-imidazolidin-1-yl)methyl-5-(1-methyl-4-piperidinylidene)-5H-dibenzo(a,d) cycloheptene-3-carboxylate
(HM) CYPROHEPTADINE/*analogs
(PA) SEROTONIN ANTAGONISTS
(PA) DOPAMINE/antag
(NO) structure given in first source

L-646,462 see L 646462

L-681110 see L 681110

L 681110
(RN) 93615-51-1
(SY) L-681,110
(SY) L-681110
(HM) *LACTONES
(PA) ADENOSINE TRIPHOSPHATASE, SODIUM, POTASSIUM/antag
(NO) from Streptomyces sp. MA-5038; structure given in first source

L-681,110 see L 681110

L-681,176 see L 681176

L 681176
(SY) L-681176
(SY) L-681,176
(HM) *GUANIDINES
(NO) inhibitor of angiotensin converting enzyme; isolated from Streptomyces sp.; structure in first source

L-681176 see L 681176

L-6842 see bitoscanate

L73A see isoprodian

L-7810 see cicarperone

L-8027 see nictindole

L8027 see nictindole

L 8027 see nictindole

L 86 see L-86

L-86
(RN) 7728-40-7
(RR) 7729-94-4 (mono-HCl)
(RR) 51045-06-8 (3H,1-(14)C-labeled cpd)
(SY) MEGX
(SY) ethylglycylxylidide
(SY) monoethylglycinexylidide
(SY) L 86
(HM) LIDOCAINE/*analogs
(NO) RN given refers to unlabeled parent cpd; metabolite of xylocaine; structure

L 9394 see butoprozine

MAAAC see N-(2-methoxy-6-azidoacridin-9-yl)-N'-(4-azidobenzoyl) cystamine

maalox
(RN) 37317-08-1
(SY) magnesium aluminum hydroxide
(SY) novalucol
(SY) alucol
(SY) maaloxon
(SY) maaloxan
(SY) aluminum magnesium hydroxide
(HM) *ALUMINUM HYDROXIDE
(HM) *MAGNESIUM HYDROXIDE
(HM) DRUG COMBINATIONS
(PA) ANTACIDS

maaloxan see maalox

maaloxon see maalox

MABI see methyl 4-azidobenzimidate

MABIM see methyl 4-azidobenzimidate

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MABOP
(HM) MECHLORETHAMINE
(HM) VINCRISTINE
(HM) PREDNISONE
(HM) BLEOMYCINS
(HM) DOXORUBICIN
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds; used for treatment of lymphocytic lymphoma

MAB protocol
(HM) METHOTREXATE
(HM) DOXORUBICIN
(HM) BLEOMYCINS
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) combination of above cpds; used in treatment of recurrent cervical carcinoma

MA6BT see 6-monomethylaminophenylazobenzothiazole

mabuterol
(RN) 56341-08-3
(SY) 4-amino-alpha((-((tert-butylamine)methyl)-3-chloro-5-(trifluoromethyl)benzyl alcohol
(HM) *CLENBUTEROL/analogs
(PA) BRONCHODILATOR AGENTS
(PA) ADRENERGIC BETA RECEPTOR AGONISTS
(NO) RN from USAN; RN not in Chemline 4/85; structure given in first source

Mac-1 antigen
(SY) macrophage-1 antigen
(HM) *ANTIGENS, SURFACE
(II) MACROPHAGES/immunol
(NO) synthesized by thioglycollate-induced mouse macrophages, granulocytes, monocytes & bone marrow cells; contains polypeptide chains of MW 170,000 & 95,000

Mac-120 antigen
(SY) macrophage-monocyte 120 antigen
(HM) *ANTIGENS, SURFACE
(II) MONOCYTES/immunol
(NO) found on appr. 30% of human peripheral blood monocytes; MW 120,000

macbecin I
(RN) 73341-72-7
(HM) QUINONES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) from Norcardia sp. No. C-14919; belongs to ansamycin group of antibiotics; RN given refers to (6S,15R)-isomer; RN for cpd without isomeric designation not in Chemline 7/84; structure in second source

MACC see complement membrane attack complex

MACC combination
(HM) METHOTREXATE
(HM) DOXORUBICIN
(HM) CYCLOPHOSPHAMIDE
(HM) LOMUSTINE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds; used for lung cancer

MAC combination
(SY) MAC protocol
(HM) METHOTREXATE
(HM) DACTINOMYCIN
(HM) CYCLOPHOSPHAMIDE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above 3 cpds

Macerans amylase see cyclomaltodextrin glucanotransferase

MAC III protocol
(SY) MAC-III protocol
(HM) DACTINOMYCIN
(HM) CYCLOPHOSPHAMIDE
(HM) METHOTREXATE
(HM) CITROVORUM FACTOR
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds; used in therapy of trophoblastic neoplasms

MAC-III protocol see MAC III protocol

Maclura pomifera lectin see maclurin

maclurin
(SY) Maclura pomifera lectin
(HM) *LECTINS
(NO) from Maclura pomifera; potent non-specific blood-group hemagglutinin; do not confuse with dye of the same name, RN in Chemline 519-34-6

MACOP-B
(HM) METHOTREXATE
(HM) CITROVORUM FACTOR
(HM) DOXORUBICIN
(HM) CYCLOPHOSPHAMIDE
(HM) VINCRISTINE
(HM) PREDNISONE
(HM) BLEOMYCINS
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

MACP see methyl-accepting chemotaxis proteins

MACP-I see methyl-accepting chemotaxis proteins

MACP-II see methyl-accepting chemotaxis proteins

MACP-III see methyl-accepting chemotaxis proteins

MAC protocol see MAC combination

macroamylase
(RN) EC 3.2.1.-
(HM) *AMYLASES
(II) MACROMOLECULAR SYSTEMS
(NO) abnormally large serum amylase bound to globulin; causes macroamylasemia

macrocalin A
(HM) *DITERPENES
(II) PLANTS, MEDICINAL
(NO) from leaves of Rabdosia macrocalyx; has cytotoxicity in vitro against cultures of Hela cells

macrocalin B
(HM) *DITERPENES
(II) PLANTS, MEDICINAL
(NO) from leaves of Rabdosia macrocalyx; has cytotoxicity in vitro against cultures of Hela cells; structure given in first source

macrocin
(RN) 11049-15-3
(HM) *LEUCOMYCINS

macrocin O-methyltransferase see S-adenosyl-L-methionine-macrocin O-methyltransferase

macrocin O-MT see S-adenosyl-L-methionine-macrocin O-methyltransferase

macrocortin
(HM) *GLYCOPROTEINS
(PA) PHOSPHOLIPASES/antag
(NO) intracellular polypeptide causing anti-phospholipase effect of glucocorticoids; see also record for lipocortins

Macrocyclon
(RN) 51273-01-9
(HM) *POLYETHYLENE GLYCOLS
(II) SURFACE-ACTIVE AGENTS

macromerine
(RN) 2970-95-8
(RR) 41136-35-0 (HCl(R)-isomer)
(RR) 33122-27-9 ((+-)-isomer)
(RR) 19751-75-8 ((R)-isomer)
(SY) N-dimethyl-3,4-dimethoxy beta-hydroxy beta-phenethylamine
(HM) *ALKALOIDS
(PA) HALLUCINOGENS
(NO) cactus alkaloid; RN given refers to parent cpd without isomeric designation; structure

macromomycin I see macromomycins

macromomycin II see macromomycins

macromomycins
(RN) 12634-34-3
(RR) 74565-39-2 (macromomycin II)
(RR) 55945-87-4 (macromomycin B)
(RR) 70213-45-5 (macromomycin I)
(SY) macromomycin I
(SY) macromomycin II
(SY) auromomycin
(HM) PEPTIDES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) weakly basic protein isolated from Streptomyces macromomyceticus; RN given refers to cpd with unknown MF

macrophage activating factor
(SY) macrophage mitogenic factor
(SY) Ia-inducing factor
(HM) *LYMPHOKINES
(II) MACROPHAGE ACTIVATION
(II) ANTIGENS, IMMUNE RESPONSE
(NO) produced by stimulated lymphocytes; renders macrophages nonspecifically cytotoxic; may be the same or related to migration inhibitory factor; regulates expression of cell surface Ia antigens in macrophage tumor lines

macrophage aggregation factor
(SY) MAgF
(HM) *LYMPHOKINES
(II) CELL AGGREGATION/drug eff
(NO) heat stable protein inactivated by alpha-chymotrypsin & partially inactivated by trypsin; not affected by neuraminidase; will aggregate peritoneal exudate cells & its production was correlated with delayed cutaneous hypersensitivity

macrophage-1 antigen see Mac-1 antigen

macrophage-3 antigen see Mac-3

macrophage cytotoxin see necrosin

macrophage-derived immunosuppressor factor
(SY) macrophage-derived suppressor factor
(SY) MDSF
(HM) *IMMUNOSUPPRESSIVE AGENTS
(NO) from human monocytic cell line THP-1; inhibits production & action of interleukin 2; MW 60,000-70,000; sensitive to trypsin, chymotrypsin & protease

macrophage-derived osteoblast growth factor see bone growth factor

macrophage-derived suppressor factor see macrophage-derived immunosuppressor factor

macrophage differentiation antigen see Mac-3

macrophage GP 160 see macrophage surface glycoprotein GP160

macrophage growth factor (alveolar) see alveolar macrophage growth factor

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macrophage migration inhibitory factor receptor
(SY) receptor, macrophage migration inhibitory factor
(SY) MMIF receptors
(SY) MIF receptor
(HM) *RECEPTORS, IMMUNOLOGIC
(II) MACROPHAGE MIGRATION INHIBITORY FACTORS

macrophage mitogenic factor see macrophage activating factor

macrophage-monocyte 120 antigen see Mac-120 antigen

macrophage PCA see macrophage procoagulant activity

macrophage procoagulant activity
(SY) procoagulant activity, macrophage
(SY) macrophage PCA
(SY) monocyte procoagulant activity
(HM) *BLOOD COAGULATION FACTORS
(II) MACROPHAGES
(II) MONOCYTES

anti-macrophage serum see antimacrophage globulin

macrophage surface glycoprotein GP160
(SY) macrophage GP 160
(HM) *GLYCOPROTEINS
(II) MACROPHAGES
(II) MEMBRANE PROTEINS
(NO) sensitive to mild trypsin treatment

Mac-3
(SY) macrophage-3 antigen
(SY) macrophage differentiation antigen
(HM) *ANTIGENS, SURFACE
(II) MACROPHAGES/immunol
(II) GLYCOPROTEINS
(NO) macrophage surface glycoprotein; differentiation antigen; MW 110,000

MADDOC
(HM) CYCLOPHOSPHAMIDE
(HM) DOXORUBICIN
(HM) CISPLATIN
(HM) VINCRISTINE
(HM) DACARBAZINE
(HM) MECHLORETHAMINE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotheraphy protocol consisting of above cpds; used in therapy of neuroblastoma

MADDS see monoacetyldapsone

MA-DEAE see mefenamic acid diethylaminoethyl ester

madecassol see asiaticoside

MADGGG see methyl-3-O-(2-acetamido-2-deoxy-3-O-beta galactopyranosyl-beta glucopyranosyl)-beta galactopyranoside

madopa see madopar

madopar
(RN) 37270-69-2
(SY) Ro 8-0576
(SY) madopa
(SY) modopar
(HM) *BENSERAZIDE
(HM) DRUG COMBINATIONS
(HM) *LEVODOPA
(NO) combination of L-Dopa and seryltrihydroxybenzylhydrazine

maduramycin
(RN) 61991-54-6
(HM) LACTONES
(PA) ANTIBIOTICS
(NO) isolated from Actinomadura rubra

MAEDAP dehydrogenase see alpha, epsilon-diaminopimelate dehydrogenase

19-MAED see 19-mercaptoandrost-4-ene-3,17-dione

MaeI endonuclease see endodeoxyribonuclease MaeI

MaeII endonuclease see endodeoxyribonuclease MaeII

MaeIII endonuclease see endodeoxyribonuclease MaeIII

mafosfamid see Asta Z 7557

Magadi soda
(RN) 533-96-0
(SY) raw Magadi soda
(SY) trona
(SY) sodium sesquicarbonate
(HM) *CARBONATES
(HM) *BICARBONATES
(NO) abundant salt in East African countries used in treatment of high- & low-tannin grain sorghums to reduce assayable tannins & improve nutritive value of grains; sodium sesquicarbonate salt (MF = Na2CO3NaHCO3.H2O); RN given refers to Na salt[2:3]

magaldrate
(RN) 1317-26-6
(SY) magnesium aluminate hydrate
(SY) riopan
(SY) moalium hydrate
(SY) hydrated magnesium aluminum gel
(HM) *MAGNESIUM HYDROXIDE
(HM) *ALUMINUM HYDROXIDE
(PA) ANTACIDS

magenta BPC see rosaniline

Magenta II see carbol-fuchsin solution

MAgF see macrophage aggregation factor

magnapen
(RN) 56749-84-9
(HM) *FLOXACILLIN
(HM) *AMPICILLIN
(HM) DRUG COMBINATIONS
(NO) combination of above 2 cpds; low levels in bones after intramuscular administration in hip replacement; RN given refers to (2S-(2alpha,5alpha,6beta)-isomer); RN for cpd without isomeric designation not in Chemline 9/84

Magnesate(1-), (3,4-didehydro-9,14-diethenyl-21-(methoxycarbonyl)-4,8,13,18-tetramethyl-20-oxo-3-phorbinepropanoato(3-)-N(23),N(24),N(25),N(2C))-, hydrogen, (SP-4-2)- see divinylprotochlorophyllide

magnesium acetate
(RN) 142-72-3
(HM) *MAGNESIUM

magnesium adipate see adipic acid

magnesium aluminate hydrate see magaldrate

magnesium aluminum hydroxide see maalox

magnesium ammonium phosphate see struvite

magnesium ammonium phosphate hexahydrate see struvite

magnesium ammonium phosphate monohydrate see struvite

magnesium ATP
(RN) 1476-84-2
(RR) 13989-18-9 (unspecified Mg salt)
(RR) 987-65-5 (di-Na salt)
(SY) MgATP
(SY) ATP.MgCl2
(HM) *ADENOSINE TRIPHOSPHATE
(NO) more than 10 RR's recorded in Chemline

magnesium-bicarbonate ATPase
(RN) EC 3.6.1.-
(SY) Mg-HCO3-ATPase
(SY) ATPase, magnesium-bicarbonate
(HM) *ADENOSINE TRIPHOSPHATASE, MAGNESIUM
(NO) aspect of EC 3.6.1.3

magnesium borate
(RN) 12007-62-4
(SY) magnesium tetraborate
(HM) *MAGNESIUM

magnesium calcium ATPase see calcium magnesium ATPase

magnesium carbonate
(RN) 546-93-0
(RR) 7757-69-9 (unspecified Mg salt)
(HM) *MAGNESIUM
(NO) RN given refers to parent cpd (1:1)

magnesium chlorate
(RN) 10326-21-3
(RR) 7791-19-7 (hexahydrate)
(RR) 10192-29-7 (NH4 salt)
(RR) 7791-10-8 (Sr salt)
(HM) *MAGNESIUM
(HM) *CHLORATES
(NO) RN given refers to parent cpd

magnesium chloride
(RN) 7786-30-3
(RR) 7791-18-6 (hexahydrate)
(SY) MgCl2
(HM) *MAGNESIUM
(NO) RN given refers to parent cpd

magnesium citrate see citric acid

magnesium diasporal see levulinic acid

magnesium dodecyl sulfate see dodecyl sulfate

magnesium fluoride
(RN) 7783-40-6
(HM) *MAGNESIUM
(HM) *FLUORIDES

magnesium GTP
(RN) 28141-84-6
(RR) 79787-02-3 (di-Li salt)
(RR) 56001-37-7 (di-Na salt)
(RR) 36051-31-7 (tri-Na salt)
(RR) 14356-96-8 (tetra-Na salt)
(RR) 24905-71-3 (Na salt)
(RR) 22139-68-0 (Mg salt[1:1])
(RR) 5087-49-0 (P-(32)P-labeled cpd)
(RR) 4271-32-3 (8-(14)C-labeled cpd)
(SY) MgGTP
(HM) *GUANOSINE TRIPHOSPHATE
(NO) RN given refers to unlabeled cpd Mg salt

magnesium GTPase
(RN) EC 3.6.1.-
(SY) Mg GTPase
(SY) GTPase, magnesium
(HM) *GTP PHOSPHOHYDROLASE

magnesium iron silicate see olivine

magnesium ITP
(RN) 24464-06-0
(RR) 22139-67-9 (Mg salt[1:1])
(RR) 51128-06-4 (Na salt)
(RR) 36051-67-9 (di-Na salt)
(RR) 35908-31-7 (tri-Na salt)
(RR) 14356-95-7 (tetra-Na salt)
(RR) 5977-21-9 (Mn salt)
(SY) MgITP
(SY) Mg-inosine triphosphate
(HM) *INOSINE TRIPHOSPHATE
(NO) RN given refers to Mg salt

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magnesium lactate see lactic acid

magnesium lauryl sulfate see dodecyl sulfate

magnesium mesoporphyrin
(RN) 16755-93-4
(SY) Mg mesoporphyrin
(HM) *MESOPORPHYRINS

magnesium monoperoxyphthalate
(RN) 78948-87-5
(SY) MMPP
(HM) *PEROXIDES
(PA) ANTIINFECTIVE AGENTS
(II) DISINFECTANTS
(NO) RN given refers to dihydride; RN for parent cpd not in Chemline 4/85

magnesium nitrate
(RN) 10377-60-3
(HM) *NITRATES
(HM) *MAGNESIUM

magnesium oxalate see oxalic acid

magnesium phosphate
(RN) 10043-83-1
(RR) 7757-87-1 (Mg[2:3] salt)
(RR) 7757-86-0 (Mg[1:1] salt)
(RR) 13092-66-5 (Mg[2:i] salt)
(SY) magnesium phosphate, dibasic
(SY) newberyite
(SY) newberyte
(SY) magnesium phosphate, monobasic
(SY) magnesium phosphate, tribasic
(SY) trimagnesium orthophosphate
(HM) *MAGNESIUM
(HM) *PHOSPHATES
(NO) RN given refers to unspecified Mg salt; component of renal calculi (trimagnesium orthophosphate)

magnesium phosphate, dibasic see magnesium phosphate

magnesium phosphate, monobasic see magnesium phosphate

magnesium phosphate, tribasic see magnesium phosphate

magnesium protoporphyrin
(RN) 14947-11-6
(SY) Mg protoporphyrin
(HM) *PROTOPORPHYRINS

magnesium protoporphyrin IX monomethyl ester see protoporphyrin IX monomethyl ester

magnesium pyrophosphate
(RN) 13446-24-7
(RR) 19262-94-3 (unspecified Mg salt)
(SY) Mg pyrophosphate
(HM) *MAGNESIUM
(HM) *PYROPHOSPHATES
(NO) RN given refers to parent cpd (2:1)

magnesium salicylate see salicylic acid

magnesium silicate see Florisil

magnesium sodium ATPase
(RN) EC 3.6.1.-
(SY) Mg(2+) + Na(+)-dependent ATPase
(SY) Mg Na ATPase
(SY) Na Mg ATPase
(SY) ATPase, magnesium sodium
(SY) ATPase, sodium magnesium
(HM) *ADENOSINE TRIPHOSPHATASE, MAGNESIUM

magnesium sodium potassium ATPase
(RN) EC 3.6.1.-
(SY) Mg(2+)-(Na+ + K+)ATPase
(SY) Na K Mg ATPase
(SY) Mg Na K ATPase
(SY) ATPase, Na K Mg
(SY) ATPase, Mg Na K
(HM) *ADENOSINE TRIPHOSPHATASE, SODIUM, POTASSIUM

magnesium stearate see stearic acid

magnesium tetraborate see magnesium borate

magnesium trimetaphosphate see trimetaphosphoric acid

magnesium trisilicate
(RN) 14987-04-3
(RR) 1343-90-4 (hydrate)
(HM) *SILICIC ACID
(HM) *MAGNESIUM
(PA) ANTACIDS
(NO) RN given refers to parent cpd

magnetite see ferrosoferric oxide

magnipen see methampicillin

magnolol
(RN) 528-43-8
(SY) 5,5'-diallyl-2,2'-dihydroxybiphenyl
(HM) *BIPHENYL COMPOUNDS
(NO) component of Magnolia obovata Thunb.; structure

magnyl see Acetard

MAG protein see myelin associated glycoprotein

Magurlit see magurlyt

magurlyt
(RN) 78090-19-4
(SY) Magurlit
(HM) *CITRATES
(HM) *PYRIDOXINE
(HM) DRUG COMBINATIONS
(II) URINARY CALCULI/drug ther
(NO) combination drug for dissolution of urinary calculi consists of Na,K & Mg citrates & pyridoxine HCl

1-MAG see 1-O-myristoyl-2-acetyl-glycerol

7-MAG see apigenin 7-O-(6-O-malonylglucoside)

MAHETO see 2'-methyl-15-acetoxy-3-hydroxy-12,13-epoxytrichotheceno(3,4-d)oxazole

maidimeisu see midecamycin

main intrinisc protein (lens membrane)
(SY) MIP (lens membrane)
(SY) MIP26
(SY) lens fiber junction (MIP) protein
(SY) lens protein MP26
(SY) MP-26
(SY) MP 26
(HM) *EYE PROTEINS
(II) ANTIGENS, SURFACE
(II) MEMBRANE PROTEINS
(NO) from lens membrane

MAIQ see 4-methyl-5-amino-1-formylisoquinoline thiosemicarbazone

MAIQ-1 see 4-methyl-5-amino-1-formylisoquinoline thiosemicarbazone

MAIQ 1 see 4-methyl-5-amino-1-formylisoquinoline thiosemicarbazone

mairungi see miraa

maitenine see tingenone

maitotoxin
(RN) 59392-53-9
(HM) *MARINE TOXINS

major basic protein
(HM) *BLOOD PROTEINS
(NO) from eosinophils, arginine-rich, no known biologic properties other than ability to neutralize heparin & activate mercuripapain

major postsynaptic density protein see postsynaptic density protein

major proglucagon fragment see proglucagon fragment

major urinary proteins
(SY) MUPS
(SY) MUP1
(SY) MUP2
(SY) MUP3
(HM) *PROTEINS
(NO) do not use urine as subheading; use metabolism if appropriate & PROTEINURIA

makisterone
(RN) 12774-34-4
(HM) ECDYSONE/*analogs
(NO) RN given refers to cpd with unknown molecular formula

malaben
(RN) 19288-87-0
(SY) N,N'-malonyl-bis-PAB Na
(SY) N,N'-malonyl-bis-(4-aminobenzoic acid sodium)
(HM) *P-AMINOBENZOIC ACID/analogs
(NO) RN given refers to di-Na salt; RN for parent cpd not in Chemline 7/84

malachite green
(RN) 10309-95-2
(RR) 68527-61-7 (benzoate)
(RR) 41272-40-6 (acetate salt)
(RR) 18015-76-4 (unspecified oxalate)
(RR) 13425-25-7 (oxalate[1:1])
(RR) 2437-29-8 (oxalate.oxalate[2:2:1])
(RR) 129-72-6 (chloride.oxalate[2:1])
(RR) 16774-19-9 (chloride.HCl)
(RR) 16044-24-9 (hydrogen sulfate)
(RR) 569-64-2 (chloride)
(SY) (4-(4-(dimethylamino) alpha-phenylbenzylidene)-2,5- cyclohexadien-1-ylidene)dimethylammonium chloride
(SY) C.I. 42000
(HM) *ROSANILINE DYES
(PA) ANTI-INFECTIVE AGENTS, LOCAL
(II) DYES
(NO) RN given refers to parent cpd; structure

malaoxon
(RN) 1634-78-2
(HM) MALATHION/*analogs
(PA) INSECTICIDES, ORGANOTHIOPHOSPHATE
(NO) minor descriptor (72-83); on-line & Index Medicus search MALATHION/AA (72-83)

malaridine see pyronaridine

malate see malic acid

malate carboxy-lyase
(RN) EC 4.1.1.-
(HM) *CARBOXY-LYASES
(NO) decarboxylates L-malic acid to L-lactic acid & CO2 with traces of pyruvic acid

D-malate dehydrogenase (decarboxylating)
(RN) EC 1.1.1.83
(RR) 37250-20-7 (CRN)
(SY) D-malic enzyme
(HM) *MALATE DEHYDROGENASE

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malate dehydrogenase (decarboxylating)
(RN) EC 1.1.1.39
(RR) 9028-46-0 (CRN)
(SY) pyruvic-malic carboxylase
(HM) *MALATE DEHYDROGENASE
(NO) catalyzes reversibly the conversion of malate to pyruvate in the presence of NAD+

malate dehydrogenase (oxaloacetate-decarboxylating) (NAD+)
(RN) EC 1.1.1.38
(SY) NAD-malic enzyme
(HM) *MALATE DEHYDROGENASE
(NO) decarboxylates malate in presence of NAD+ to form pyruvate & carbon dioxide & NADH; also decarboxylates added oxaloacetate

malate dehydrogenase (oxaloacetate-decarboxylating) (NADP+)
(RN) EC 1.1.1.40
(RR) 9028-47-1 (CRN)
(SY) NADP-malic enzyme
(HM) *MALATE DEHYDROGENASE
(NO) decarboxylates malate in presence of NADP+ to form pyruvate and carbon dioxide and NADPH; also decarboxylates added oxaloacetate

malate oxidase
(RN) EC 1.1.3.3
(RR) 9028-73-3 (CRN)
(HM) *ALCOHOL OXIDOREDUCTASES
(NO) FAD-dependent

malate thiokinase see malyl-CoA synthetase

malate-vitamin K oxidoreductase
(RN) EC 1.1.99.-
(SY) malate-vitamin K reductase
(HM) *ALCOHOL OXIDOREDUCTASES

malate-vitamin K reductase see malate-vitamin K oxidoreductase

malathion esterases
(RN) EC 3.1.1.-
(HM) *CARBOXYLIC ESTER HYDROLASES
(NO) aspect of EC 3.1.1.1, carboxylesterase

MALA-1 see T cell activation antigen

MALA-2 see T cell activation antigen

malealdehyde
(RN) 2363-83-9
(RR) 3675-13-6 ((Z)-isomer)
(RR) 3675-14-7 ((E)-isomer)
(SY) maleic acid aldehyde
(SY) maleylaldehyde
(SY) maleic dialdehyde
(SY) fumaraldehyde
(HM) *ALDEHYDES
(NO) RN given refers to cpd without isomeric designation; fumaraldehyde refers to (E)-isomer

maleate see maleic acid

maleic acid
(RN) 110-16-7
(RR) 37449-49-3 (Nd salt)
(RR) 34938-90-4 (Ca salt)
(RR) 18016-19-8 (Na salt)
(RR) 13716-99-9 (NH4 salt)
(RR) 4751-07-9 (mono-Cu(2+) salt)
(RR) 4151-34-2 (di-K salt)
(RR) 3105-55-3 (mono-Na salt)
(RR) 371-47-1 (di-Na salt)
(RR) 44742-89-4 (mono-NH4 salt)
(RR) 31516-56-0 (Fe salt)
(RR) 10237-70-4 (K salt)
(SY) maleate
(SY) sodium maleate
(HM) *MALEATES
(NO) RN given refers to parent cpd(Z)-isomer which is maleic acid; all RR's given refer to (Z)-isomer; (E)-isomer is fumaric acid; more than 10 RR's recorded in Chemline

maleic acid aldehyde see malealdehyde

maleic acid diethyl ester see diethyl maleate

maleic acid-isobutylene copolymer see polyelectrolyte 60

maleic acid-styrene polymer see styrene-maleic acid polymer

maleic dialdehyde see malealdehyde

maleimide
(RN) 541-59-3
(RR) 67859-67-0 (K-Ag(+1)[2:1:1] salt)
(RR) 42867-30-1 (Ag(+1) salt)
(HM) *MALEIMIDES
(NO) RN given refers to parent cpd

3-maleimidobenzoyl N-hydroxysuccinimide ester see 3-maleimidobenzoyl N-hydroxysuccinimide

3-maleimidobenzoyl N-hydroxysuccinimide
(RN) 58626-38-3
(RR) 64202-52-4 (cpd without geometric designation for maleimide group)
(SY) N-(m-maleimidobenzoyloxy)succinimide
(SY) meta-maleimidobenzoyl N-hydroxysuccinimide
(SY) 3-maleimidobenzoyl N-hydroxysuccinimide ester
(HM) *SUCCINIMIDES
(II) INDICATORS AND REAGENTS
(NO) coupling reagent; RN given refers to parent cpd

N-(m-maleimidobenzoyloxy)succinimide see 3-maleimidobenzoyl N-hydroxysuccinimide

4-(N-maleimido)benzyltrimethylammonium iodide see 4-(N-maleimido)benzyltrimethylammonium

4-(N-maleimido)benzyltrimethylammonium
(RN) 40748-21-8
(RR) 34696-66-7 (iodide)
(SY) MPTA
(SY) 4-(N-maleimido)benzyltrimethylammonium iodide
(HM) *AMMONIUM COMPOUNDS
(II) INDICATORS AND REAGENTS
(II) AFFINITY LABELS
(NO) affinity-alkylating agent; RN given refers to parent cpd

3-(maleimidomethyl)-2,2,5,5-tetramethyl-1- pyrrolidinyloxyl see N-(1-oxyl-2,2,5,5-tetramethyl-3-pyrrolidinyl)maleimide

4-maleimido-2,2,6,6-tetramethylpiperidinooxyl
(RN) 15178-63-9
(SY) N-(1-oxyl-2,2,6,6-tetramethyl-4-piperidinyl) maleimide
(SY) 2,2,6,6-tetramethyl-4-maleimidopiperidine-1-oxyl
(SY) MAL-6
(SY) MSL
(SY) NEM-TEMPO
(HM) *CYCLIC N-OXIDES
(II) SPIN LABELS

2-(4'-maleimidylanilino)naphthalene-6-sulfonic acid
(RN) 71936-81-7
(SY) MIANS
(SY) 6-(4-toluidinyl)naphthalene-2-sulfonate
(HM) *ANILINO NAPHTHALENESULFONATES
(II) SULFHYDRYL REAGENTS
(NO) RN given refers to mono-Na salt; RN for parent cpd not in Chemline 7/84; structure

3-(4-maleimidylphenyl)-4-methyl-7-diethylamino coumarin see N-(4-(7-diethylamino-4-methylcoumarin-3-yl)phenyl) maleimide

maleoylacetic acid see maleylacetate

N-maleoylmethionine sulfone
(RN) 84057-88-5
(SY) N-MMS
(HM) METHIONINE/*analogs
(II) INDICATORS AND REAGENTS
(NO) membrane-impermeant maleimide protein-labelling reagent; RN given refers to (S)-isomer; RN for cpd without isomeric designation not in Chemline 7/84

maleylacetate
(RN) 24740-88-3
(SY) maleoylacetic acid
(HM) *MALEATES
(NO) RN given refers to (Z)-isomer; RN for cpd without isomeric designation not in Chemline 7/84

maleylacetate reductase
(RN) EC 1.3.1.-
(HM) *OXIDOREDUCTASES
(NO) reduces maleylacetate to beta-ketoadipate, uses NADH

maleylaldehyde see malealdehyde

maleylpyruvate hydrolase
(RN) EC 3.7.1.-
(HM) *HYDROLASES

maleylpyruvate isomerase
(RN) EC 5.2.1.4
(HM) *ISOMERASES
(NO) catalyzes isomerization of 3-maleylpyruvate to 3-fumarylpyruvate

malformins
(RN) 3022-92-2
(RR) 59926-78-2 ((5-L-Leu)-isomer)
(SY) (cyclic(Cys-Cys-Val-Leu-Ile)cyclic(1-2)-disulfide
(HM) *PEPTIDES, CYCLIC
(II) MYCOTOXINS
(NO) metabolic product of Aspergillus niger induces curvatures on bean plants & corn roots; "malformin" is a family of cyclic peptides; RN given refers to malformin A without isomeric designation

maliasin
(RN) 4388-82-3
(SY) phenobarbital propylhexedrine salt
(SY) barbexaclone
(SY) CHP phenobarbital
(HM) PHENOBARBITAL/*analogs
(PA) ANTICONVULSANTS

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malic acid
(RN) 6915-15-7
(RR) 40520-93-2 (Na salt(+-)-isomer)
(RR) 676-46-0 (di-Na salt)
(RR) 636-61-3 ((R)-isomer)
(RR) 138-09-0 (di-Na salt(S)-isomer)
(RR) 51209-20-2 (di-Na salt(R)-isomer)
(RR) 82801-59-0 (Ca salt[1:1](S)-isomer)
(RR) 59866-23-8 (Mg salt[2:1])
(RR) 54944-41-1 (K salt(S)-isomer)
(RR) 51209-20-2 (di-Na salt(R)-isomer)
(RR) 36507-64-9 (mono-K salt(+-)-isomer)
(SY) malate
(HM) *MALATES
(NO) RN given refers to parent cpd without isomeric designation; more than 10 RR's recorded in Chemline

D-malic enzyme see D-malate dehydrogenase (decarboxylating)

malignancy-associated nucleolar antigen see nucleolar antigen, malignancy-associated

Malignin
(RN) 63626-45-9
(HM) *NEOPLASM PROTEINS
(II) ANTIGENS, NEOPLASM
(II) NERVE TISSUE PROTEINS
(NO) low MW protein fragments found in vitro cancer cell fermentation; bear specific tissue and other immuno-chemical properties characteristic of the tumor

Malinal see aluminum magnesium silicate

Mallory body protein
(HM) *PROTEINS
(NO) protein from eosinophilic intracytoplasmic inclusions found in hepatocytes of patients with liver diseases (Mallory bodies)

malolactic enzyme
(RN) EC 1.1.1.-
(HM) *MALATE DEHYDROGENASE
(NO) catalyzes NAD & Mn-dependent conversion of L-malate to CO2 & L-lactate

malonate see malonic acid

malonato(1,2-diaminocyclohexane)platinum II see platinum(II) 1,2-diaminocyclohexane malonate

malonic acid
(RN) 141-82-2
(RR) 18815-40-2 (di-NH4 salt)
(RR) 13878-08-5 (1,3-(14)C2-labeled cpd)
(RR) 13095-67-5 (di-K salt)
(RR) 3715-08-0 (2-(14)C-labeled cpd)
(RR) 2922-55-6 (mono-Na salt)
(RR) 2757-18-8 (di-Tl salt)
(RR) 926-71-6 (K salt)
(RR) 141-95-7 (di-Na salt)
(RR) 23549-97-5 (Na salt)
(RR) 19485-84-8 (1-(14)C-labeled cpd di-Na salt)
(RR) 19455-76-6 (mono-Ca salt)
(SY) malonate
(HM) *MALONATES
(NO) RN given refers to parent cpd

malonic semialdehyde
(RN) 926-61-4
(RR) 56305-67-0 (Na salt)
(HM) *MALONDIALDEHYDE/analogs
(NO) RN given refers to parent cpd; structure given in first source

malonyl apigenin 7-O-glucoside see apigenin 7-O-(6-O-malonylglucoside)

N,N'-malonyl-bis-(4-aminobenzoic acid sodium) see malaben

malonylbis(methionyl-4-nitrophenyl ester)
(RN) 87498-80-4
(SY) malonyl-(Met-ONP)2
(HM) *MALONATES
(II) CROSS-LINKING REAGENTS

N,N'-malonyl-bis-PAB Na see malaben

malonyl-CoA-ACP-transacylase see (acyl-carrier-protein) malonyltransferase

malonyl-CoA-anthranilic acid N-malonyltransferase
(RN) EC 2.3.1.-
(SY) anthranilic acid N-malonyltransferase
(SY) AA malonyltransferase
(HM) *ACYLTRANSFERASES
(NO) from peanuts

malonyl-CoA decarboxylase
(RN) EC 4.1.1.9
(RR) 9024-99-1 (CRN)
(HM) *CARBOXY-LYASES

malonyl-CoA-3,4-dichloroaniline N-malonyltransferase
(RN) EC 2.3.1.-
(SY) 3,4-dichloroaniline N-malonyltransferase
(SY) DCA malonyltransferase
(HM) *ACYLTRANSFERASES
(NO) from peanuts

malonyl-CoA-flavone-flavonol-7-O-glycoside malonyltransferase
(RN) EC 2.3.1.-
(SY) MCoA FF7G malonyltransferase
(HM) *ACYLTRANSFERASES

malonyl-CoA-isoflavone-7-O-glucoside-6"- O-malonyltransferase
(RN) EC 2.3.1.-
(SY) MCoA-IF7G malonyltransferase
(HM) *ACYLTRANSFERASES
(NO) from chick pea roots; specificity for isoflavones formononetin & biochanin A

malonyl-CoA synthetase
(RN) EC 6.2.1.-
(HM) *COENZYME A SYNTHETASES

malonyl-CoA-D-tryptophan N-malonyltransferase
(RN) EC 2.3.1.-
(SY) Trp-malonyltransferase
(HM) *ACYLTRANSFERASES
(NO) from peanuts

malonyl-(Met-ONP)2 see malonylbis(methionyl-4-nitrophenyl ester)

5'-malonylriboflavin
(RN) 88623-79-4
(SY) F1-X chromophore
(HM) RIBOFLAVIN/*analogs
(II) PHOTORECEPTORS
(II) CHROMATOPHORES
(NO) yellow chromophore from Avena coleoptiles grown in dark; possible blue light photoreceptor

malopen see ethylenediamine platinum(II) malonate

maloprim
(RN) 37357-69-0
(SY) Folaprim
(HM) *DAPSONE
(HM) *PYRIMETHAMINE
(HM) DRUG COMBINATIONS
(PA) ANTIMALARIALS
(NO) contains above 2 cpds

Maloran see chlorbromuron

malotilate see diisopropyl 1,3-dithiol-2-ylidenemalonate

maltitol
(RN) 585-88-6
(HM) *SUGAR ALCOHOLS
(HM) MALTOSE/*analogs
(II) SWEETENING AGENTS

maltodextrin
(RN) 9050-36-6
(HM) *POLYSACCHARIDES

maltodextrin phosphorylase
(RN) EC 2.4.1.-
(HM) *GLUCOSYLTRANSFERASES
(NO) from E coli

maltoheptaose
(RN) 1980-14-9
(RR) 34620-78-5 ((D-glucose)-isomer)
(SY) maltoheptose
(HM) *GLUCANS
(NO) consists of seven glucose residues in a linear 1,4-alpha-linkage; substrate for determining alpha-amylase in serum; RN given refers to (D-glucopyranose)-isomer

maltoheptose see maltoheptaose

maltol
(RN) 118-71-8
(SY) 3-hydroxy-2-methyl-4-pyrone
(HM) *PYRONES
(II) FLAVORING AGENTS
(NO) found in bark of young larch trees; isolated from Passiflora incarnata; possesses depressant properties in mice; potentiates hexobarbital-induced narcosis & inhibits spontaneous motor activity; structure

maltooligosaccharides
(HM) *OLIGOSACCHARIDES
(NO) includes maltotetraose, maltopentaose, maltohexose, maltoheptaose

maltopentaose
(RN) 34620-76-3
(HM) *OLIGOSACCHARIDES

maltoporin see lambda phage receptor

maltose binding protein see maltose-binding protein

maltose-binding protein
(SY) maltose transport system, E coli
(SY) maltose binding protein
(HM) *CARRIER PROTEINS
(II) BACTERIAL PROTEINS
(II) MALTOSE
(II) MEMBRANE PROTEINS
(NO) on membrane bound polysomes from E Coli

maltose hexastearate
(HM) *STEARATES
(HM) MALTOSE/*analogs
(II) ADJUVANTS, IMMUNOLOGIC

maltose tetrapalmitate
(RN) 74764-16-2
(HM) *GLYCOLIPIDS
(PA) ANTINEOPLASTIC AGENTS
(NO) immunopotentiator

maltose transport system, E coli see maltose-binding protein

maltosyl beta-lactoglobulin
(SY) M-b-LG
(HM) *LACTOGLOBULINS

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maltosylfructoside
(SY) O-alpha-D-Glc-(1-4)-O-alpha-D-Glc-(1-2)-beta-D-Fru
(HM) *TRISACCHARIDES

maltosyl isothiocyanate
(RN) 73027-03-9
(HM) *THIOCYANATES
(II) AFFINITY LABELS
(NO) used as affinity label for the glucose transporter of the human erythrocyte membrane

maltotetraose
(RN) 34612-38-9
(HM) OLIGOSACCHARIDES
(HM) MALTOSE/analogs
(PA) ANTIBIOTICS

maltotriose
(RN) 1109-28-0
(HM) *TRISACCHARIDES

maltulase see palatinase

malvalic acid
(RN) 503-05-9
(HM) *CYCLOPROPANES
(II) CARCINOGENS
(NO) structure

malvidin 3-galactoside
(RN) 30113-37-2
(RR) 28499-99-2 (chloride(D)-isomer)
(SY) primulin
(HM) *ANTHOCYANINS
(II) STAINS AND STAINING
(NO) Merck reference is for parent cpd and several derivs; RN given refers to chloride salt without isomeric designation; RN for parent cpd not in Chemline 7/84; structure

malvidin-3-glucoside
(RN) 7228-78-6
(SY) anthocyanin
(HM) *ANTHOCYANINS
(NO) anthocyanin from grape (Mavroud variety)

1-malyl-angiotensin II see angiotensin II, 1-malyl-

malyl-CoA see malyl coenzyme A

malyl-CoA lyase
(RN) EC 4.1.3.24
(HM) *KETOACID-LYASES

malyl-CoA synthetase
(RN) EC 6.2.1.9
(SY) malate thiokinase
(HM) *COENZYME A SYNTHETASES

malyl coenzyme A
(RN) 2043-93-8
(SY) malyl-CoA
(SY) coenzyme A, malyl
(HM) *ACYL COENZYME A

1-malyl-8-Leu-angiotensin II see angiotensin II, 1-malyl-8-Leu-

1-malyl-8-leucine-angiotensin II see angiotensin II, 1-malyl-8-Leu-

MAL-3 see N-(1-oxyl-2,2,5,5-tetramethyl-3-pyrrolidinyl)maleimide

MAL-5 see N-(1-oxyl-2,2,5,5-tetramethyl-3-pyrrolidinyl)maleimide

MAL-6 see 4-maleimido-2,2,6,6-tetramethylpiperidinooxyl

MAMBNA see N-3-methylbutyl-N-1-methylacetonylnitrosamine

mammary-derived growth factor, human milk & tumor
(SY) MDGF1
(HM) *NEOPLASM PROTEINS
(HM) *MILK PROTEINS
(NO) from human milk & mammary tumors; may regulate the production of new basement membrane as mammary epithelium invades the stroma during proliferation; MW 62KDa & pI 4.8

mammary growth inhibitor
(HM) *PEPTIDES
(PA) GROWTH INHIBITORS
(NO) MW 13kDa polypeptide from bovine mammary glands which inhibits mammary cell growth

mammary tumor cell growth factor, pituitary
(SY) MTGT-Pit
(HM) *PITUITARY HORMONES
(PA) MITOGENS
(II) GROWTH SUBSTANCES
(NO) MW 3900 peptide from sheep pituitary; mitogenic growth factor for rat & human mammary tumor cells

mammary-uterine-pituitary tumor cell growth factor see uterine-derived cell growth factor

MAMOET see 16-methylamino-3-methoxy-1,3,5-estratrien-17-ol

MAMPNA see N-2-methylpropyl-N-1-methylacetonylnitrosamine

5-MAMSU see 5-((methylamino)methyl)-2-selenouridine

MAM-3 see epithelial membrane glycoprotein

MAM-5 see epithelial membrane glycoprotein

MAM-6 see epithelial membrane glycoprotein

MANA see nucleolar antigen, malignancy-associated

mancozeb
(RN) 8018-01-7
(SY) ethylenebisdithiocarbamate manganese-zinc
(HM) *MANEB
(HM) *ZINEB
(NO) complex of zinc & maneb, containing 20% manganese & 2.5% zinc

mandelamine
(RN) 587-23-5
(SY) methenamine mandelate
(HM) *MANDELIC ACIDS
(HM) METHENAMINE/*analogs
(PA) ANTI-INFECTIVE AGENTS, URINARY

D-mandelate dehydrogenase
(RN) EC 1.1.1.-
(HM) *ALCOHOL OXIDOREDUCTASES
(NO) uses NAD; forms benzoylformate

L-mandelate dehydrogenase
(RN) EC 1.1.99.-
(SY) mandelate oxidase
(SY) dye-linked L-mandelate dehydrogenase
(HM) *ALCOHOL OXIDOREDUCTASES
(NO) forms benzoylformate from mandelate

mandelate oxidase see L-mandelate dehydrogenase

mandelate racemase
(RN) EC 5.1.2.2
(RR) 9024-04-8 (CRN)
(HM) *RACEMASES

mandelic acid
(RN) 90-64-2
(RR) 65466-76-4 (11C-labeled cpd)
(RR) 59384-01-9 (mono-Li salt)
(RR) 54385-47-6 (mono-Na salt(R)-isomer)
(RR) 19944-52-6 (mono-Na salt(S)-isomer)
(RR) 31657-31-5 (unspecified Na salt)
(RR) 17199-29-0 ((S)-isomer)
(RR) 611-72-3 ((+-)-isomer)
(RR) 611-71-2 ((R)-isomer)
(RR) 530-31-4 (mono-NH4 salt)
(RR) 134-95-2 (Ca[2:1] salt)
(RR) 114-21-6 (mono-Na salt)
(RR) 66996-76-7 (mono-Ca salt)
(HM) *MANDELIC ACIDS
(NO) RN given refers to cpd without isomeric designation

mandelonitrile
(RN) 532-28-5
(RR) 613-88-7 ((+-)-isomer)
(HM) *ACETONITRILES
(NO) metabolite of amygdalin; RN given refers to cpd without isomeric designation

mandelonitrile benzaldehyde-lyase see mandelonitrile lyase

mandelonitrile-beta-glucoside see prunasin

mandelonitrile lyase
(RN) EC 4.1.2.10
(SY) hydroxynitrile lyase
(SY) mandelonitrile benzaldehyde-lyase
(SY) oxynitrilase
(HM) *ALDEHYDE-LYASES
(NO) catalyzes the reversible condensation of HCN with aldehydes to form D-alpha-hydroxynitriles; contains FAD

Manduca sexta cardioacceleratory peptides see adipokinetic hormone (Manduca sexta)

manganese adenosine diphosphate
(RN) 69828-68-8
(SY) Mn(II)ADP
(SY) MnADP
(HM) *ADENOSINE DIPHOSPHATE

manganese ATP
(RN) 56842-80-9
(SY) MnATP
(HM) *ADENOSINE TRIPHOSPHATE

manganese ATPase
(RN) EC 3.6.1.-
(SY) Mn ATPase
(SY) ATPase, manganese
(HM) *ADENOSINE TRIPHOSPHATASE

manganese bleomycin
(RN) 89725-97-3
(SY) Mn-bleomycin
(SY) Mn(III)-bleomycin
(HM) *BLEOMYCINS

manganese carbonate
(RN) 598-62-9
(HM) *MANGANESE

manganese chloride
(RN) 7773-01-5
(RR) 13446-34-9 (tetrahydrate)
(RR) 19105-87-4 (52Mn-labe'ed cpd)
(RR) 20603-88-7 (dihydrate)
(RR) 57650-55-2 (hexahydrate)
(RR) 68374-26-5 (diammoniate)
(RR) 15514-12-2 (hexaammoniate)
(RR) 15395-64-9 (monoammoniate)
(SY) MnCl2
(HM) *MANGANESE
(NO) RN given refers to parent cpd with MF of MnCl2

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manganese cyclopentadienyl tricarbonyl
(RN) 12079-65-1
(SY) MNCPDTC
(SY) cyclopentadienylmanganese tricarbonyl
(HM) *MANGANESE
(HM) *ORGANOMETALLIC COMPOUNDS

manganese dioxide
(RN) 1313-13-9
(HM) *MANGANESE

manganese GTP
(RN) 5977-20-8
(SY) MnGTP
(HM) *GUANOSINE TRIPHOSPHATE
(NO) RN given refers to cpd with unspecified MF

manganese-iron hybrid hemoglobin
(SY) Mn-Fe(II) hybrid Hb
(HM) *HEMOGLOBINS
(II) PROTEIN HYBRIDIZATION
(NO) two chains of a single type, alpha or beta, substituted with Mn protoporphyrin IX & the complementary chains are retained in the ferrous form

manganese oxide
(RN) 1317-35-7
(RR) 58516-62-4 (hydrate)
(RR) 1309-55-3 (duplicate RN)
(SY) manganous-manganic oxide
(SY) Mn3O4
(SY) hausmannite
(HM) *MANGANESE
(NO) RN given refers to parent cpd; hausmannite refers to same cpd

manganese protoporphyrin
(RN) 21393-64-6
(SY) Mn protoporphyrin
(HM) *PROTOPORPHYRINS

manganese sulfate
(RN) 7785-87-7
(RR) 10124-55-7 (unspecified Mn salt)
(RR) 13444-72-9 (Mn(+3)[3:2] salt)
(RR) 15244-36-7 (unspecified hydrate)
(RR) 21005-91-4 (K[3:2:2] salt)
(RR) 10101-68-5 (tetrahydrate)
(RR) 10034-96-5 (monohydrate)
(HM) *MANGANESE
(HM) *SULFATES
(NO) RN given refers to Mn(+2)[1:1] salt

manganese sulfide
(RN) 18820-29-6
(RR) 12687-82-0 (cpd with unspecified MF)
(SY) colloidal MnS
(HM) *MANGANESE
(HM) *SULFIDES
(II) COLLOIDS
(NO) colloidal MnS used as NMR contrast material; RN given refers to cpd with MF MnS

manganese tetraphenylporphyrin
(RN) 31004-82-7
(SY) Mn(III) meso-tetraphenylporphyrin chloride
(SY) Mn(III)TPP
(HM) *METALLOPORPHYRINS
(II) MANGANESE

manganese tetrasulfophthalocyanine see tetrasulfophthalocyanine

manganese-zinc ferrite
(RN) 12645-49-7
(HM) *FERRIC COMPOUNDS
(HM) *MANGANESE
(HM) *ZINC
(II) ALLOYS

manganous-manganic oxide see manganese oxide

mangion-purified polysaccharide (Candida albicans)
(SY) MMPS
(HM) *ANTIGENS, FUNGAL
(HM) *POLYSACCHARIDES
(II) CANDIDA ALBICANS
(NO) induces proliferation of human lymphocytes

Man-GlcNAc receptor see mannose-N-acetylglucosamine receptor

mangostin
(RN) 6147-11-1
(RR) 20931-37-7 ((beta)-isomer)
(RR) 31271-07-5 ((gamma)-isomer)
(HM) *XANTHENES
(PA) ANTI-INFLAMMATORY AGENTS
(NO) xanthone from rind of Garcinia mangostana Linn. fruit; RN & N1 from 9th CI Form Index; RN given refers to parent cpd

manna see glucomanna

ManNAcUA see N-acetylmannosaminuronic acid

mannanase see beta-D-mannosidase

mannan-binding protein
(SY) mannan binding protein
(HM) *CARRIER PROTEINS
(II) MANNANS
(II) LECTINS

mannan binding protein see mannan-binding protein

mannan receptor
(SY) receptor, mannan
(SY) mannan receptors
(HM) *RECEPTORS, MITOGEN
(II) MANNANS
(NO) on sinusoidal cells; distinct from mannan-binding protein of rat liver hepatocytes

mannan receptors see mannan receptor

mannan synthetase
(RN) EC 2.4.1.-
(HM) *MANNOSYLTRANSFERASES

mannide monooleate
(RN) 25339-93-9
(HM) *OLEIC ACIDS
(HM) MANNITOL/*analogs
(NO) emulsifying agent; RN given refers to (Z)-isomer; RN for cpd without isomeric designation not in Chemline 7/84

manniprus
(HM) *NITROPRUSSIDE
(HM) *MANNITOL
(HM) DRUG COMBINATIONS
(PA) ANTIHYPERTENSIVE AGENTS
(NO) combination of above cpds; used in therapy of hypertension

mannitol enzyme II see phosphoenolpyruvate-mannitol phosphotransferase

1,6-mannitol glucopyranoside
(HM) *SUGAR ALCOHOLS
(NO) one component of palatinit

mannitol permease see phosphoenolpyruvate-mannitol phosphotransferase

mannitol-1-phosphate dehydrogenase
(RN) EC 1.1.1.17
(RR) 9028-24-4 (CRN)
(HM) *SUGAR ALCOHOL DEHYDROGENASES

mannitol-1-phosphate
(RN) 15806-48-1
(HM) *MANNITOL PHOSPHATES

mannitol teichoic acid
(HM) *TEICHOIC ACIDS
(NO) from the cell wall of bacterium N.C.T.C. 9742

mannobiose
(RN) 15548-43-3
(SY) 4-O-(beta-D-mannopyranosyl)-D-mannose
(HM) *MANNANS

manno 1-deoxynojirimycin see deoxynojirimycin

mannokinase
(RN) EC 2.7.1.7
(SY) ATP-D-mannose 6-phosphotransferase
(HM) *PHOSPHOTRANSFERASES, ATP
(NO) reversibly catalyzes the formation of D-mannose 6-phosphate & ADP from ATP & D-mannose

mannonate dehydratase
(RN) EC 4.2.1.8
(RR) 9024-31-1 (CRN)
(SY) D-mannonic hydro-lyase
(HM) *HYDRO-LYASES

mannonic-delta-lactam
(HM) *LACTAMS
(PA) GLYCOSIDE HYDROLASES/antag
(NO) from nojirimycin B by biological oxidation; structure given in first source

D-mannonic hydro-lyase see mannonate dehydratase

mannophosphoinositide
(HM) *PHOSPHOINOSITIDES

mannopine
(RN) 87084-52-4
(HM) MANNITOL/*analogs
(NO) mannityl opine analog; RN given refers to (S)-isomer; RN for cpd without isomeric designation not in Chemline 6/84

mannopine permease
(HM) *PERMEASES

mannopinic acid
(RN) 74524-18-8
(HM) MANNITOL/*analogs
(NO) mannityl opine analog; RN given refers to (S)-isomer; RN for cpd without isomeric designation not in Chemline 6/84

mannoproteins
(SY) proteo-mannan
(HM) *GLYCOPROTEINS

D-mannosamine see mannosamine

mannosamine
(RN) 2636-92-2
(RR) 14307-02-9 ((D)-isomer)
(RR) 5505-63-5 (HCl(D)-isomer)
(SY) 2-amino-2-deoxymannose
(SY) D-mannosamine
(HM) *HEXOSAMINES
(NO) RN given refers to parent cpd without isomeric designation

mannose-N-acetylglucosamine receptor
(SY) mannose-N-acetylglucosamine receptors
(SY) receptor, mannose-N-acetylglucosamine
(SY) Man-GlcNAc receptor
(HM) *RECEPTORS, IMMUNOLOGIC

mannose-N-acetylglucosamine receptors see mannose-N-acetylglucosamine receptor

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D-Mannose, 3-amino-3,6-dideoxy-, mixt. with 1-(4-(methylamino)phenyl)ethanone see aureofungin

mannose-binding proteins
(SY) mannose binding proteins
(HM) *CARRIER PROTEINS
(II) MANNOSE
(NO) isolated from human liver

mannose binding proteins see mannose-binding proteins

mannose-bovine serum albumin conjugate
(SY) mannose-BSA
(HM) *MANNOSE
(HM) *SERUM ALBUMIN, BOVINE

mannose-BSA see mannose-bovine serum albumin conjugate

mannose-fucose receptor see mannose receptor

mannose-6-phosphatase
(RN) EC 3.1.3.-
(HM) *PHOSPHOMONOESTERASES

mannose-6-phosphate receptors see mannose-6-phosphate receptor

mannose-6-phosphate receptor
(SY) M-6-P receptor
(SY) mannose-6-phosphate receptors
(SY) receptor, mannose-6-phosphate
(SY) 6-phosphomannosyl receptor
(HM) *CARRIER PROTEINS
(II) MANNOSEPHOSPHATES

mannose-6-phosphate
(RN) 3672-15-9
(RR) 70442-25-0 (Na salt(D)-isomer)
(RR) 52888-25-2 (di-Li salt)
(RR) 33068-18-7 (di-Na salt)
(HM) *MANNOSEPHOSPHATES
(NO) RN given refers to (D)-isomer; RN for cpd without isomeric designation not in Chemline 6/22/83

mannose receptor
(SY) mannose receptors
(SY) receptor, mannose
(SY) mannose-terminated glycoprotein receptor
(SY) mannosyl-fucosyl receptor
(SY) mannose-fucose receptor
(HM) *RECEPTORS, IMMUNOLOGIC
(II) MANNOSE
(II) FUCOSE

mannose receptors see mannose receptor

mannose-terminated glycoprotein receptor see mannose receptor

mannosidase I see mannosyl-oligosaccharide 1,2-alpha-mannosidase

mannosidase II see alpha-D-mannosidase II

mannosulfan
(RN) 7518-35-6
(SY) 1,2,5,6-tetramethanesulfonyl-D-mannitol
(SY) zitostop
(SY) R-52
(SY) tetramesylmannite
(HM) *METHANESULFONATES
(PA) ANTINEOPLASTIC AGENTS
(NO) minor descriptor (75-84); on-line & Index Medicus search METHANESULFONATES (75-84)

mannosyl-fucosyl receptor see mannose receptor

mannosylglycoprotein, massive cutaneous hyalinosis see adhesive 90 kD glycoprotein

mannosyl-oligosaccharide 1,2-alpha-mannosidase
(RN) EC 3.2.1.113
(SY) alpha-D-mannosidase I
(SY) mannosidase I
(HM) *MANNOSIDASES
(NO) cleaves off terminal alpha-1,2-linked mannose residues resulting in the oligosaccharide Man(9)GlcNAc(2)

mannosyl-1-phosphoryl polyprenol see polyprenyl phosphate-mannose

mannosyl queuosine transferase see mannosyl-Q transferase

mannosylretinylphosphate
(RN) 55722-25-3
(SY) mannosyl retinyl phosphate
(SY) retinyl phosphate mannose
(HM) *POLYISOPRENYL PHOSPHATE MONOSACCHARIDES

mannosyl retinyl phosphate see mannosylretinylphosphate

mannosyl-Q transferase
(RN) EC 2.4.1.-
(SY) mannosyl queuosine transferase
(HM) *MANNOSYLTRANSFERASES

mannotetraose
(RN) 3634-02-4
(RR) 15659-76-4 (((1-2)linkage alpha-D-mannopyranose)-isomer)
(HM) *OLIGOSACCHARIDES
(NO) RN given refers to cpd with ((1-3)linkage alpha-D-mannopyranose)-isomer; RN for cpd without isomeric designation not in Chemline 1/9/84

mannozym
(RN) 68652-43-7
(HM) *MANNANS
(II) ADJUVANTS, IMMUNOLOGIC
(NO) glucomannan polysaccharide purified from Saccharomyces cerevisiae

manoalide
(RN) 75088-80-1
(HM) *TERPENES
(PA) PHOSPHOLIPASES A/antag
(PA) ANTIBIOTICS
(PA) ANTI-INFLAMMATORY AGENTS
(NO) sesterterpene from marine sponge L. variabilis; structure given in first source

manoxol OT see dioctyl sulfosuccinic acid

2,6-mansyl chloride
(RN) 18392-55-7
(SY) N-methyl-2-anilino-6-naphthalenesulfonyl chloride
(SY) mansyl compounds
(SY) N-methyl-2-anilinonaphthalene-6-sulfonyl compounds
(HM) *ANILINO NAPHTHALENESULFONATES
(II) FLUORESCENT DYES
(NO) RN given refers to parent cpd

mansyl compounds see 2,6-mansyl chloride

MANT-ATP see 3'-O-(N-methylanthraniloyl) ATP

manzidan see dithane M-45

MAOPC see 4-methyl-4-aza-3-oxo-5-pregnane-20-carboxylate

MAOPTMS see methacryloxypropyltrimethoxysilane

maoyancaosu
(RN) 72165-29-8
(SY) 2-((3,4-dihydroxyphenyl)hydroxymethyl)-2,3-dihydro-7H-pyrano(2,3-g)-1,4-benzodioxin-7-one
(HM) *COUMARINS
(II) PLANTS, MEDICINAL
(NO) isolated from seeds of Euphorbia lunulatu Bge. & Euphorbia esula L.; RN given from CA Index Guide; RN not in Chemline 12/84; structure given in first source

MAPA-HCys see methotrexate-homocysteic acid

MAPheb see methyl 4-((N-acetylphenylalanyl)amino)but-2-enoate

MAPN see methionyl-aspartyl-phenylalaninamide

marasmic acid
(RN) 2212-99-9
(HM) SESQUITERPENES
(PA) ANTIBIOTICS
(NO) from Marasmius conigenus; structure given in firs source

marcellomycin
(RN) 63710-10-1
(RR) 74550-83-7 (tartrate[1:1](R-(R*,R*))-(1R-(1alpha,2beta,4beta))-isomer)
(RR) 72657-06-8 ((1S-(1alpha,2alpha,4alpha))-isomer)
(SY) mimimycin
(HM) NAPHTHACENES
(PA) ANTIBIOTICS
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) pyrromycinone glycoside antibiotic isolated from bohemic acid complex; RN given refers to parent cpd(1R-(1alpha,2beta,4beta))-isomer; RN for cpd without isomeric designation not in Chemline 7/84; structure in fourth source

marcescin
(RN) 1403-94-7
(HM) *BACTERIOCINS

Marcophan see imiphos

maretin see naftalofos

margaric acid
(RN) 506-12-7
(RR) 81367-61-5 (1-(11)C-labeled cpd)
(RR) 24464-96-8 (Ni(2+) salt)
(RR) 17378-36-8 (K salt)
(RR) 1002-82-0 (Na salt)
(SY) heptadecanoic acid
(HM) *FATTY ACIDS
(NO) RN given refers to unlabeled parent cpd

margosa oil see neem oil

maridomycin III
(RN) 35775-82-7
(HM) *LEUCOMYCINS
(NO) macrolide antibiotic; structure

maridomycin 9-propanoate see propionylmaridomycin

marinactan
(RN) 86473-18-9
(HM) POLYSACCHARIDES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) from Flavobacterium uliginosum; polysaccharide consisting of glucose, manose & fucose

Marlex see plastipore

marlophen 89 see terics

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marmesin
(RN) 13849-08-6
(RR) 495-32-9 ((R)-isomer)
(HM) *COUMARINS
(NO) RN given refers to (S)-isomer; RN for cpd without isomeric designation not in Chemline 7/84

marophen see chlorfenethazine

Marsh-Bendall factor see muscle relaxing factor

Martius scarlet blue trichrome
(SY) MSBT
(HM) *DYES
(II) STAINS AND STAINING
(NO) combination of Martius yellow, crystal ponceau & fast green

marvelon see desogestrel

MASA see methyl N-acetylsibirosaminide

mast cell degranulating peptide
(RN) 32908-73-9
(SY) peptide 401
(HM) *PEPTIDES
(II) HISTAMINE LIBERATION/drug eff
(II) BEE VENOMS
(NO) isolated from bee venoms; made up of 22 amino acids; has 2 disulfide bridges

mast cell growth factor see interleukin 3

mast cell protease see chymase

mastic see Mastisol

masticort PS
(HM) *STREPTOMYCIN
(HM) *PENICILLIN G, PROCAINE
(HM) *PENICILLIN G, BENZATHINE
(HM) *PREDNISOLONE
(HM) DRUG COMBINATIONS
(NO) combination of above cpds for treating mammary gland infection in cows

Mastisol
(RN) 61789-92-2
(SY) mastic
(HM) *RESINS
(HM) *PLANT EXTRACTS
(PA) DERMATOLOGIC AGENTS
(NO) combination of gum resin and styrax; used in therapy of blisters

mastodynon
(RN) 78200-25-6
(HM) *PLANT EXTRACTS
(NO) plant extract used therapeutically in breast diseases; mastodynon composition: 100 g Agnus castus D1, 20 g Caulophyllum thalictroides D4, 10 g Cyclamen D4, 10 g Ignatis D6, 10 g Iris D2, 20 g Lilium tigrinum D3, 10 g Lupulinum D8, 10 g Tinctura Condurango, 10 g Hersteller: Bionorica KG. 85 Nurnberg 1

mastoparan
(RN) 72093-21-1
(HM) *WASP VENOMS
(NO) causes degranulation of mast cells; isolated from venom of wasp (Vespula lewisii); structure

mastoparan C
(SY)
Leu-Asn-Leu-Lys-Ala-Leu-Leu-Ala-Val-Ala-Lys-Lys- Ile-LeuNH2
(HM) *WASP VENOMS
(NO) tetradecapeptide from hornet Vespa crabro; see also record for mastoparan which has different amino acid sequence

matacil see aminocarb

mating factor
(RN) 61194-02-3
(SY) alpha-factor (fungal)
(SY) mating hormone
(SY) alpha-factor (Saccharomyces cerevisiae)
(SY) pheromone alpha-factor
(SY) alpha-mating factor
(SY) sexual agglutination factors
(HM) *PEPTIDES
(II) SACCHAROMYCES CEREVISIAE
(II) PHEROMONES
(NO) excreted into the culture fluid by alpha-mating cells of Saccharomyces cerevisiae X-2180 1B; peptide consisting of 13 amino acids; sex pheromone; may also be excreted by Pichia yeasts

mating hormone see mating factor

Matricaria see chamomile

matricin
(RN) 29041-35-8
(HM) *SESQUITERPENES
(PA) ANTI-INFLAMMATORY AGENTS
(NO) RN given refers to (3S-(3alpha,3aalpha,4alpha,9alpha,9aalpha,9bbeta))-isomer; RN for cpd without isomeric designation not in Chemline 1/13/84

matrine
(RN) 519-02-8
(RR) 6882-68-4 ((5beta)-isomer)
(SY) sophoridine
(HM) *ALKALOIDS
(PA) ANTHELMINTICS
(PA) ANTI-INFLAMMATORY AGENTS
(NO) alkaloid from Sophora flavescens with anthelmintic activity; RN given refers to cpd without isomeric designation; structure in first source

maturation promoting factor
(HM) *GROWTH SUBSTANCES

maxamine see 5-hydroxykynuramine

maxrik see fluvalinate

maxepa
(HM) *FATTY ACIDS, UNSATURATED
(II) FISH OILS
(NO) n-3 polyunsaturated fatty acids in fish oil prep; contains 18% eicosapentaenoic & 12% docosahexaenoic acid stabilized with vitamins A & E with a trace of cholesterol

Maxipen see phenethicillin

Maxon see polyglyconate

maxzide see dyazide

May-Grunwald Giemsa
(SY) May-Grunwald Giemsa stain
(HM) *EOSIN
(HM) *METHYLENE BLUE
(II) STAINS AND STAINING
(NO) alcoholic mixture of above cpds; used for staining bone marrow

May-Grunwald Giemsa stain see May-Grunwald Giemsa

maytanprine
(RN) 38997-09-0
(SY) N(2')-deacetyl-N(2')-(1-oxopropyl)maytansine
(HM) *MAYTANSINE/anslogs
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(NO) from stems of Maytenus confertiflorus

mazaticol
(RN) 32226-62-3
(RR) 32891-29-5 (HCl(exo)-isomer)
(RR) 39712-09-9 (carboxy, alpha-di-14C-labeled cpd HCl)
(RR) 39712-10-2 (9-(methyl-(14)C)-labeled cpd HCl(exo)-isomer)
(SY) KAO-264
(SY) PG-501
(SY) 6,6,9-trimethyl-9-azabicyclo(3.3.1)non-3 beta- yl alpha,alpha-di-(2-thienyl) glycolate.HCl
(HM) *THIOPHENES
(HM) *GLYCOLATES
(PA) PARASYMPATHOLYTICS
(PA) ANTIPARKINSON AGENTS
(NO) RN given refers to HCl salt without isomeric designation; RN for parent cpd not in Chemline 6/22/83; structure

MAZ sugar see 2-amino-2-deoxy-N'-methyl-N'-nitrosoureido-1,3,4,6-tetra-O-acetylmannopyranose

3-A-6-MA see 3-amino-6-methoxyacridine

3-A-7-MA see 3-amino-7-methoxyacridine

MBACOD see M-BACOD

MBAG see 1,1'-(methylethanediylidenedinitrilo)bis(3-aminoguanidine)

MBAMG see 4-methoxybenzylaminodecamethylene guanidine

MB antigens see HLA-DR

MBAST see N,N'-methylene-bis(2-amino-5-sulfhydryl-1,3,4-thiadiazole)

3-MBA see 3-methylbenzyl alcohol

6-MBA see 6-methylbenz(a)anthracene

2-MBBD see 2-methyl-5-tert-butyl-1,3-benzodioxole

MBBR see monobromobimane

1-MBCCA see 1-methyl-beta-carboline-3-carboxylic acid

MBD
(SY) MBP
(SY) BMP-1
(HM) METHOTREXATE
(HM) BLEOMYCINS
(HM) CISPLATIN
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above 3 cpds

4,4'-MBDA see 4,4'-methylenebis(2,6-diisopropylaniline)

M1-befunolol see 2-(hydroxyethyl)-7-(2-hydroxy-3-isopropylaminopropoxy) benzofuran

MB factor see muscle relaxing factor

MBNO see myoglobin nitroxide

MBP see MBD

6-MBPC see 6-(3-methyl-2-butenyl)-1-phenazinecarboxylic acid

MBP P1 see myelin basic protein P1

MBPP 43-88 see myelin basic protein peptide 43-88

MBPP 45-89 see myelin basic protein peptide 45-89

MBP-SF see myelin basic protein-serum factors

MBR 4164-8 see diflumidone

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MBR 4197 see flucrylate

MBR-8251 see perfluidone

MBSA see methylated bovine serum albumin

M&B 16,942 see diacetolol

M&B 1714
(SY) M&B-1714
(SY) 4-(2,4-diamino-1,3,5-triazin-6-ylamino) phenylstibonate octahydrate monosodium
(HM) *ANTIMONY
(HM) *TRIAZINES
(PA) ANTIPROTOZOAL AGENTS
(NO) pentavalent antimony analog of melarsen

M&B-1714 see M&B 1714

M&B 22,948
(RN) 37762-06-4
(HM) *PURINONES
(NO) anaphylaxis inhibitor; structure

M&B-28767 see
11-deoxy-16-phenoxy-17,18,19,20-tetranorprostaglandin E1

M&B 28,767 see
11-deoxy-16-phenoxy-17,18,19,20-tetranorprostaglandin E1

M&B 30227
(RN) 88247-39-0
(SY) M&B-30227
(SY) 4-(2-hydroxyethyl)piperazin-1-yl-(4-isopropylphenyl)-(isothiazol-5-yl)methane
(HM) *PIPERAZINES
(PA) ANTILIPEMIC AGENTS
(PA) TERATOGENS

M&B-30227 see M&B 30227

M&B 31426
(RN) 88247-58-9
(SY) M&B-31426
(SY) 3,5-dimethylisoxazol-4-yl-(4-isopropylphenyl)-(4-methylpiperazin-1-yl)methane
(HM) *PIPERAZINES
(PA) ANTILIPEMIC AGENTS
(PA) TERATOGENS

M&B-31426 see M&B 31426

M&B 35769
(SY) M&B-35769
(SY) 2,4-diamino-5-(phenoxypropyloxy-(4'-chlorophenyl))-6-methylpyrimidine HCl
(HM) PYRIMETHAMINE/*analogs
(PA) TETRAHYDROFOLATE DEHYDROGENASE/antag
(PA) ANTIMALARIALS

M&B-35769 see M&B 35769

M&B-39565 see NSC 353451

M&B 39565 see NSC 353451

MB432 see MB 432

MB 432
(RN) 79522-53-5
(SY) MB-432
(SY) MB432
(SY) 10-methylamino-11-H-indeno(2-b)quinoline-11-one
(HM) *AMINOQUINOLINES
(PA) ANTI-INFLAMMATORY AGENTS
(NO) structure given in first source

MB-432 see MB 432

M&B 968A
(RN) 2391-56-2
(RR) 1092-82-6 (di-HCl)
(SY) 1,5-di(p-aminophenoxy)pentane
(SY) 1,5-bis(p-aminophenoxy)pentane
(HM) *ANILINE COMPOUNDS
(NO) retinotoxic drug; RN given refers to parent cpd; structure

3-MCA-BP see 3-methylcholanthrene-binding protein

MCC
(SY) CMC
(HM) METHOTREXATE
(HM) LOMUSTINE
(HM) CYCLOPHOSPHAMIDE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol; contains above cpds

MCDPG see 1,2-cyclic-diphytanylglycerol ether

2-MCDPP see
N-(2-methylamino)cyclopentyl)-N-(3,4-dichlorophenyl) propanamide

MCGCO-BSA see methyl
3-hydroxy-19-oxo-5-cholen-24-oyl glycinate 19-(O-carboxymethyl)oxime-bovine serum albumin conjugate

MCGF see interleukin 3

MCHC
(HM) METHOTREXATE
(HM) CYCLOPHOSPHAMIDE
(HM) HEXAMETHYLMELAMINE
(HM) LOMUSTINE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

MCHP see BM 42304

MCI-2016 see MCI 2016

MCI 2016
(RN) 62232-46-6
(SY) 2-(4-methylaminobutoxy)diphenylmethane
(SY) MCI-2016
(SY) 4-(2-benzylphenoxy)-N-methylbutylamine
(SY) bifemelane
(HM) *BENZHYDRYL COMPOUNDS
(PA) ANTIDEPRESSIVE AGENTS
(PA) ANTI ULCER AGENTS
(NO) RN given refers to HCl; RN for parent cpd not in Chemline 7/84; structure given in first source

McN-A-1293
(RN) 24579-23-5
(RR) 26453-12-3 (di-HCl)
(SY) 4-imidazolyl-3-amino-2-butanone
(HM) *BUTANONES
(HM) *IMIDAZOLES
(PA) CARBOXY-LYASES/antag
(PA) HISTIDINE DECARBOXYLASE/antag
(NO) specific inhibitor of histidine decarboxylase; RN given refers to parent cpd

MCNU
(RN) 58994-96-0
(RR) 58995-11-2 ((beta)-(D)-isomer)
(SY) methyl 6-((((2-chloroethyl)nitrosoamino) carbonyl) amino)-6-deoxy alpha-D-glucopyranoside
(HM) *NITROSOUREA COMPOUNDS
(PA) ANTINEOPLASTIC AGENTS
(NO) RN given refers to (alpha)-(D)-isomer; RN for cpd without isomeric designation not in Chemline 7/84; structure

McN-181 see dibozane

McN 181 see dibozane

McN 2783-21-98 see zomepirac

McN 3495 see pirogliride

McN 3716 see McN-3716

McN-3716
(RN) 69207-52-9
(SY) methyl palmoxirate
(SY) McN 3716
(SY) methyl 2-tetradecylglycidate
(SY) methyl 2-tetradecyloxiranecarboxylate
(HM) *PROPIONATES
(HM) *EPOXY COMPOUNDS
(PA) HYPOGLYCEMIC AGENTS
(NO) structure

McN-3802 see 2-tetradecylglycidic acid

McN 4612
(RN) 87519-84-4
(SY) McN-4612
(SY) 1,2,3,4,6,10b-hexahydro-6-phenylpyrrolo(2,1-a) isoquinoline
(HM) *ISOQUINOLINES
(PA) ANALEPTICS

McN-4612 see McN 4612

McN 4924 see 2-tetradecylglycidyl-coenzyme A

MCoA FF7G malonyltransferase see
malonyl-CoA-flavone-flavonol-7-O-glycoside malonyltransferase

MCoA-IF7G malonyltransferase see
malonyl-CoA-isoflavone-7-O-glucoside-6''-O-malonyltransferase

M13 coat protein
(SY) B protein, coliphage M13 coat
(HM) *CAPSID
(HM) *MEMBRANE PROTEINS
(NO) major component of virus coat; soluble precursor form in cytoplasm of infected cells; major transmembrane protein in the infected cell's cytoplasmic membrane

24-MCPA see 24-methyl-5-cholestane-3,5,6,22,24-pentol 6-acetate

MCPB see 2-methyl-4-chlorophenoxy gamma-butyric acid

MCPBA see 3-chloroperbenzoic acid

MCPD
(HM) MELPHALAN
(HM) CYCLOPHOSPHAMIDE
(HM) PREDNISOLONE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above three cpds

MCPP see mecoprop

MCPPA-AVP see vasopressin, (1-(beta mercapto-beta,beta-cyclopentamethylenepropionic acid)-2-(O-methyl)Tyr) Arg-

MCP-1 see microbicidal cationic proteins

MCP-2 see microbicidal cationic proteins

MCSCP see Myxococcus spore coat proteins

MCSD see 4-methyl-2,3-secocholestane-2,3-diol

24-MC-3,7,12,25-tetrol see
24-methylcholestane-3,7,12,25-tetrol

MC 1-2 see MS 1-2

N(6)-MDAA see N(6)-methyl-3'-deoxy-5'-adenylic acid

MDADR see 3'-(4-morpholinyl)-3'-deaminodaunorubicin

MDAMD see methamilane methiodide

M6 DATP see N(6)-methyldeoxyadenosine 3'-triphosphate

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2,3-MDA see
1-(2,3-methylenedioxyphenyl)-2-aminopropane

MDC protocol
(HM) METHOTREXATE
(HM) DACTINOMYCIN
(HM) CHLORAMBUCIL
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

9-MDD-benzo(a)pyrene see
9-methoxy-4,5-dihydroxy-4,5-dihydrobenzo(a)pyrene

MDDGP see methyl 4,6-dichloro-4,6-dideoxy-alpha-galactopyranoside

MD-DXME see methydopa (2-oxo-1,3-dioxol-4-yl)methyl ester

MDEO see 7-methyl-10,17-diacetoxy-4-estren-3-one

MDGF1 see mammary-derived growth factor, human milk & tumor

mdGMP see O(6)-methyldeoxyguanylic acid

MDL 035
(RN) 76145-76-1
(SY) MDL-035
(SY)
3-(1-methylethyl)-2-(4-methoxyphenyl)-3H-naphth(1,2-d)imidazole
(HM) *IMIDAZOLES
(PA) ANTIPYRETICS

MDL-035 see MDL 035

MDL 12330A see RMI 12330 A

MDL-12,330A see RMI 12330 A

MDL-17043 see MDL 17043

MDL 17043
(RN) 77671-31-9
(SY) MDL 17,043
(SY) 1,3-dihydro-4-methyl-5-(4-(methylthio)benzoyl)-2H-imidazol-2-one
(SY) MDL-17043
(HM) *IMIDAZOLES
(PA) CARDIOTONIC AGENTS
(NO) structure given in first source

MDL 17,043 see MDL 17043

MDL 17330A see medroxalol

MDL 17331A see medroxalol

MDL-18,962 see 10-propargylestr-4-ene-3,17-dione

MDL 18962 see 10-propargylestr-4-ene-3,17-dione

MDL 19,152
(RN) 61786-72-9
(SY) MDL-19152
(HM) *SPARSOMYCIN/analogs
(NO) structure given in first source; RN given refers to (1R-(E))-isomer; RN for cpd without isomeric designation not in Chemline 8/23/83

MDL-19152 see MDL 19,152

MDL 19,205 see piroximone

MDL 19205 see piroximone

MDL-19,205 see piroximone

MDL-19205 see piroximone

MDL 19438
(SY) MDL-19,438
(HM) *IMIDAZOLES
(PA) CARDIOTONIC AGENTS
(NO) sulfoxide metabolite of MDL 17043; structure given in first source

MDL-19,438 see MDL 19438

MDL 19592
(RN) 55390-45-9
(SY) MDL-19,592
(SY) RMI 19592
(SY) RMI-19592
(HM) *CEPHALOSPORINS
(NO) semisynthetic cpd; RN given refers to (6R-(6alpha,7beta))-isomer; RN for cpd without isomeric designation not in Chemline 12/29/83; structure given in first source

MDL-19,592 see MDL 19592

MDL-646 see MDL 646

MDL 646
(RN) 83656-28-4
(SY) 15 alpha,16-methyl-16-methoxy-PGE1
(SY) 15 alpha,16(R),16-methyl-16-methoxy-prostaglandin E1
(SY) MDL-646
(HM) ALPROSTADIL/*analogs
(PA) ANTI-ULCER AGENTS
(II) PROSTAGLANDINS E, SYNTHETIC
(NO) RN given refers to (11alpha,13E,15R,16R)-isomer; RN for cpd without isomeric designation not in Chemline 7/84

MDL-72145 see
2-(3,4-dimethoxyphenyl)-3-fluoroallylamine

MDL 72145 see 2-(3,4-dimethoxyphenyl)-3-fluoroallylamine

MDL 72,163
(RN) 76409-26-2
(RR) 86420-33-9 ((DL)-isomer)
(SY) MDL-72163
(SY) alpha-monofluoromethyl-beta-(2,3-dihydroxyphenyl)alanine
(HM) METHYLDOPA/*analogs
(NO) RN given refers to cpd without isomeric designation; structure given in first source

MDL-72163 see MDL 72,163

MDL-72175 see 6-heptyne-2,5-diamine

MDL 72175 see 6-heptyne-2,5-diamine

MDL-72197 see alpha-(fluoromethyl)dehydroputrescine

MDL 72197 see alpha-(fluoromethyl)dehydroputrescine

MDL 72209 see alpha-fluoromethylhistidine

MDL-72222 see MDL 72222

MDL 72222
(RN) 40796-97-2
(SY) 1 alphaH,3 alphaH,5 alphaH-tropan-3-yl-3,5-dichlorobenzoate
(SY) MDL-72222
(HM) *TROPANES
(PA) SEROTONIN ANTAGONISTS
(NO) does not block smooth muscle contractile responses elicited by oxytocin or mediated through serotonin D-receptors, muscarinic or nicotinic cholinoreceptors or histamine H1-receptors except at relatively high concentrations

MDL 72431
(RN) 93565-03-8
(SY) MDL-72431
(SY) N-methyl-N-(2-propenyl)-1,4-butanediamine
(HM) PUTRESCINE/*analogs
(NO) RN given refers to di-HCl; RN for parent cpd not available 6/85

MDL-72431 see MDL 72431

MDL 72521
(RN) 93565-00-5
(SY) MDL-72521
(SY) N-methyl-N-(2,3-butadienyl)-1,4-butanediamine
(HM) PUTRESCINE/*analogs
(NO) RN given refers to di-HCl; RN for parent cpd not available 6/85

MDL-72521 see MDL 72521

MDL 72527
(RN) 93565-01-6
(SY) MDL-72527
(SY) N,N-bis(2,3-butadienyl)-1,4-butanediamine
(HM) PUTRESCINE/*analogs
(NO) RN given refers to di-HCl; RN for parent cpd not available 6/85

MDL-72527 see MDL 72527

MDL 81182 see cilobamine

MDL-81,182 see cilobamine

MDL 81,182 see cilobamine

MDL 860
(RN) 78940-62-2
(SY) MDL-860
(SY) 2-(3,4-dichlorophenoxy)-5-nitrobenzonitrile
(HM) *NITRILES
(PA) ANTIVIRAL AGENTS

MDL-860 see MDL 860

MDL 899
(RN) 86703-02-8
(SY) MDL-899
(SY) N-(2,5-dimethyl-1H-pyrrol-1-yl)-6-(4-morpholinyl)-3-pyridazinamine
(HM) *PYRIDAZINES
(PA) VASODILATOR AGENTS

MDL-899 see MDL 899

MDMA see N-methyl-3,4-methylenedioxyamphetamine

MDNG see N-methyl-N,N'-dinitroguanidine

MDO-NPA see
10,11-methylenedioxy-N-propylnoraporphine

2-MDOT see O(2)-methyldeoxythymidine

4-MDOT see O-methylthymidine

MDPA-1 see dimoxamine

(B30)-MDP see B 30-muramyl dipeptide

MDP-GDP see
1-(N-acetylmuramyl-alanyl-isoglutaminyl)-2,3-dipalmitoyl-sn-glycerol

MDP-Lys(L18) see
N(alpha)-(N-acetylmuramyl-alanyl-isoglutaminyl)-N(epsilon)stearoyllysine

MDP-3' n-propyl ester see
N-acetylmuramyl-alanyl-isoglutamine 3'-n-propyl ester

2-MDPP see 2-methyl-1,2-diphenyl-1-propanone

2-MDP see 2-methyl-3,3-diphenyl-3-propanolamine

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MDSF see macrophage-derived immunosuppressor factor

3-MDTG see 3 alpha-methyldigitoxigenin glucoside

MDX 4-4210
(HM) *SILICONE ELASTOMERS
(II) BIOMATERIALS

MD 220661
(RN) 73423-35-5
(SY) MD-220661
(SY) MD 220662
(SY) MD-220662
(HM) *OXAZOLES
(PA) MONOAMINE OXIDASE INHIBITORS
(NO) structure given in first source

MD-220661 see MD 220661

MD 220662 see MD 220661

MD-220662 see MD 220661

MD-240928 see MD 780236

MD 240928 see MD 780236

MD 240931 see MD 780236

MD-240931 see MD 780236

67350-MD see cinepazide maleate

6753 MD see cinepazet

MD 68111 see cinpropazide

MD 720111 see oxapadol

MD-76 see 1-O-hexadecyl-2-acetyl-sn-glycerol

MD-770207 see carocainide

MD 770207 see carocainide

MD 770222
(RN) 70133-35-6
(SY) MD-770222
(HM) *OXAZOLES
(NO) metabolite of cimoxatone

MD-770222 see MD 770222

MD 780236
(RN) 73423-36-6
(RR) 84269-97-6 (monomesylate)
(RR) 87823-50-5 ((S)-isomer)
(RR) 84145-89-1 ((R)-isomer)
(SY) MD-780236
(SY) MD 240928
(SY) MD-240928
(SY) MD 240931
(SY) MD-240931
(SY) 3-(4-((3-chlorophenyl)methoxy)phenyl)-5-(methylamino)methyl)-2-oxazolidinone
(HM) *OXAZOLES
(PA) MONOAMINE OXIDASE INHIBITORS
(NO) RN given refers to parent cpd without isomeric designation; structure given in first source for (+-)-isomer; MD 780236; (R)-somer: MD 240928; (S)-isomer: MD 240931

MD-780236 see MD 780236

MD-780515 see MD780515

MD 780515 see MD780515

MD780515
(RN) 73815-11-9
(SY) 3-(4-(3-cyanophenylmethoxy)phenyl)-5-(methoxymethyl)-2-oxazolidinone
(SY) cimoxatone
(SY) MD 780515
(SY) MD-780515
(HM) *OXAZOLES
(PA) MONOAMINE OXIDASE INHIBITORS

MD-790501 see tropapride

MD 790501 see tropapride

MD-805 see
4-methyl-1-(N(2)-(3-methyl-1,2,3,4-tetrahydro-8-quinolinesulfonyl)-L-arginyl)-2-piperidinecarboxylic acid

Me-Ac-AGGUG see methyl
2-acetamido-4-amino-2,4,6-trideoxy-3-O-(alpha galactopyranosyluronic acid)-alpha galactopyranoside

N-Me-cis-acid see
4-((((2-chloroethyl)nitrosoamino)carbonyl)methylamino) cyclohexanecarboxylic acid

3MeAde-DNA glycosylase see 3-methyladenine-DNA glycosidase

3-MeAde-DNA glycosylase see 3-methyladenine-DNA glycosidase

MEAGL see enkephalin-Met, Arg(6)-Gly(7)-Leu(8)-

MEAGLL see enkephalin-Met, Arg(6)-Gly(7)-Leu(8)-Lys(9)-

Me-AIB see 2-(methylamino)isobutyric acid

MEAPAA see enkephalin-Met, Arg(6)-PheNH(2)(7)-

MeAPA-Glu-Glu see methotrexate-alpha glutamate

me-apoHb see methyl apohemoglobin

7-MEAP see 7-methylpsoralen

measles fusion protein see virus fusion proteins

mebanazine
(RN) 65-64-5
(RR) 34675-74-6 (monooxalate)
(RR) 3979-76-8 (monosulfate)
(RR) 2642-56-0 (sulfate)
(RR) 2126-84-3 (oxalate)
(RR) 54422-98-9 ((+-)-isomer)
(RR) 60325-13-5 ((R)-isomer)
(RR) 24292-42-0 ((S)-isomer)
(RR) 54422-99-0 (oxalate(+-)-isomer)
(RR) 60362-49-4 (mono-HCl(R)-isomer)
(RR) 54384-30-4 (monooxalate(S)-isomer)
(SY) (alpha-methylbenzyl)hydrazine
(SY) actomol
(HM) *HYDRAZINES
(PA) MONOAMINE OXIDASE INHIBITORS
(PA) ANTIDEPRESSIVE AGENTS
(NO) RN given refers to parent cpd without isomeric designation; structure

mebeverine
(RN) 3625-06-7
(RR) 2753-45-9 (HCl)
(SY) 4-(ethyl-(4-methoxy alpha-methylphenethyl) aminobutyl veratrate
(HM) *PHENETHYLAMINES
(PA) PARASYMPATHOLYTICS
(PA) ANTICONVULSANTS
(NO) RN given refers to parent cpd; structure

mebhydrolin see mebhydroline

mebhydroline
(RN) 524-81-2
(SY) 5-benzyl-1,3,4,5-tetrahydro-2-methyl-2H-pyrido (4,3-b)indole
(SY) mebhydrolin
(HM) *CARBOLINES
(PA) ANTIHISTAMINICS
(NO) see also record for mebhydrolin 1,5-naphthalenedisulfonate, RN: 6153-33-9

mebhydroline 1,5-naphthalenedisulfonate see diazoline

mebhydrolin napadisylate see diazoline

mebicar see mebikar

mebikar
(RN) 10095-06-4
(SY) 2,4,6,8-tetramethyl-2,4,6,8-tetraazabicyclo-(3.3.0)-octan-3,7-dione
(SY) mebicar
(HM) *BIUREAS
(PA) TRANQUILIZING AGENTS
(NO) structure

Me-bis(ADP) see N,N'-methylenebis(adenosine diphosphate)

MEBP see enkephalin-Met, 4'-bromo-Phe(4)-

4-mecaptopyridine see 4-thiopyridine

mecarbinate
(RN) 15574-49-9
(SY) dimecarbine
(SY) dimekarbin
(HM) *INDOLES
(PA) ANTIHYPERTENSIVE AGENTS
(NO) structure

mecarzole
(RN) 10605-21-7
(RR) 52316-55-9 (monophosphate)
(RR) 64633-55-2 (unspecified phosphate)
(RR) 64280-31-5 (triphosphinate)
(RR) 60062-21-7 (monophosphinate)
(RR) 51321-64-3 (mono-Na salt)
(RR) 37574-18-8 (mono-HCl)
(RR) 23424-47-7 (unspecified HCl)
(RR) 23424-64-8 (mononitrate)
(RR) 28444-43-1 (unspecified nitrate)
(RR) 23424-63-7 (monosulfate)
(SY) IPO-1250
(SY) mekarzole
(SY) benzimidazolecarbamate methyl ester
(SY) methoxybenzimidazole-2-carbamic acid
(SY) G-665
(SY) carbenoazim
(SY) methyl-2-benzimidazole carbamate
(SY) carbendazyme
(SY) medamine
(SY) methylbenzimidazole-2-ylcarbamate
(SY) methyl-N-(2-benzimidazolyl)carbamate
(SY) BMK
(SY) carbendazin
(HM) *BENZIMIDAZOLES
(PA) ANTHELMINTICS
(PA) MUTAGENS
(II) FUNGICIDES, INDUSTRIAL
(II) AIR POLLUTANTS, OCCUPATIONAL
(NO) carcinogen when combined with sodium nitrite; principle metabolite of thiophanate methyl & benomyl; RN given refers to parent cpd; structure

N-Me-CCCNU see
4-((((2-chloroethyl)nitrosoamino)carbonyl)methylamino) cyclohexanecarboxylic acid

12-F-5-MeC-1,2-diol see
1,2-dihydro-1,2-dihydroxy-12-fluoro-5-methylchrysene

12-F-5-MeC-7,8-diol see
7,8-dihydro-7,8-dihydroxy-12-fluoro-5-methylchrysene

5-MeC-1,2-diol see
1,2-dihydro-1,2-dihydroxy-5-methylchrysene

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Me2CFA2 see 6-carboxy-4',5'-dimethylfluorescein diacetate

mecholyl see acetyl-beta-methylcholine

meciadanol see 3-O-methylcatechin

mecinarone

(RN) 26225-59-2
(RR) 26270-59-7 (maleate[1:1])
(RR) 52171-36-5 (oxalate[1:1])
(HM) *BENZOFURANS
(NO) benzofuran chalcone; RN given refers to parent cpd; structure

meclocycline

(RN) 2013-58-3
(RR) 38324-29-7 (mono-HCl(4S-(4alpha,4aalpha,5alpha,5aalpha,12aalpha))-isomer)
(SY) 7-chloro-4-(dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,5,10,12,12a-pentahydroxy-6-methylene-1,11-dioxo-2-naphthacene carboxamide
(SY) meclocycline sulfosalicylate
(SY) meclosorb
(SY) GS 2989
(HM) OXYTETRACYCLINE/*analogs
(PA) ANTI-INFECTIVE AGENTS, LOCAL
(PA) ANTIBIOTICS
(NO) totally insoluble in water, not absorbed from the gut; used topically; may cause liver & kidney damage if given intravenously; minor descriptor (76-84); on-line & Index Medicus search OXYTETRACYCLINE/analogs (76-84); RN given refers to parent cpd(4S-(4alpha,4aalpha,5alpha,5aalpha,12aalpha))-isomer; RN for cpd without isomeric designation not in Chemline 8/84

meclocycline sulfosalicylate see meclocycline

meclonazepam

(RN) 67027-56-9
(RR) 86630-81-1 ((R)-isomer)
(RR) 58662-84-3 ((S)-isomer)
(SY) 3-methylclonazepam
(SY) Ro 11-3128
(HM) *BENZODIAZEPINONES
(PA) SCHISTOSOMICIDES
(NO) RN given refers to cpd without isomeric designation; structure

meclosorb see meclocycline

mecobalamin

(RN) 13422-55-4
(RR) 13422-54-3 (Co-methyl-14C-labeled cpd)
(RR) 53701-54-5 ((13beta)-isomer)
(RR) 43184-67-4 (Co-methyl-13C-labeled cpd)
(RR) 56911-87-6 (3H-labeled cpd)
(RR) 59158-57-5 (monohydrate)
(RR) 69006-07-1 (57Co-labeled cpd)
(SY) methylvitamin B12
(SY) methylcobalamine
(SY) methylcobalamin
(HM) VITAMIN B 12/*analogs
(NO) RN given refers to parent cpd

mecoprop

(RN) 93-65-2
(RR) 7085-19-0 ((+-)-isomer)
(RR) 25333-13-5 ((S)-isomer)
(RR) 16484-77-8 ((R)-isomer)
(RR) 40951-62-0 (Na salt(+-)-isomer)
(RR) 19095-88-6 (Na salt)
(RR) 42425-86-5 (K salt(+-)-isomer)
(RR) 1929-86-8 (K salt)
(RR) 37107-00-9 (NH4 salt)
(SY) MCPP
(SY) 2-methyl-4-chlorophenoxypropionic acid
(HM) *MCPA/analogs
(PA) HERBICIDES
(NO) RN given refers to cpd without isomeric designation; structure

mecosin see trivexan

24-MeCTO see 24-methyl-5 alpha-cholesta-7,9(11),24(28)-trien-3 beta-ol

MECY

(HM) METHOTREXATE
(HM) CITROVORUM FACTOR
(HM) CYCLOPHOSPHAMIDE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above 3 cpds

mecysteine

(RN) 2485-62-3
(RR) 18598-63-5 (HCl(L)-isomer)
(RR) 5714-80-7 (HCl(DL)-isomer)
(SY) cytoclair
(SY) methyl cysteine
(SY) cysteine methyl ester
(HM) CYSTEINE/*analogs
(PA) EXPECTORANTS
(NO) RN given refers to parent cpd(L)-isomer; RN for cpd without isomeric designation not in Chemline 6/22/83

N(6)-Me-dAdo see N(6)-methyl-2'-deoxyadenosine

medamine see mecarzole

7-Me-DBC see N-methyl-7H-dibenzo(c,g)carbazole

O(2)MedC see O-2-methylcytosine

Mede-Prep

(HM) *MANNITOL
(HM) *DIETARY FIBER
(PA) CATHARTICS
(NO) preparation used to clean bowel prior to double contrast barium enema; consists of low residue diet, mannitol, & water

medexport see oleomorphocycline

Mediator see benfluorex

Mediaven see naftazone

mediocidin

(RN) 1403-95-8
(HM) POLYENES
(PA) ANTIBIOTICS, ANTIFUNGAL
(NO) hexaene polyene antifungal antibiotic from Streptomyces mediocidus

mediolanum see mesoglycan

meditoxin see mercuric cyanide

medium chain thioesterase see thioesterase II

medosulepine

(RN) 13448-33-4
(RR) 23788-30-9 ((E)-isomer)
(RR) 23735-15-1 ((Z)-isomer)
(RR) 53046-96-1 (HCl)
(RR) 23735-16-2 (HCl(Z)-isomer)
(RR) 23735-17-3 (HCl(E)-isomer)
(SY) methiadene
(SY) methyldosulepin
(HM) *DOTHIEPIN/analogs
(PA) HISTAMINE H1 RECEPTOR BLOCKADERS
(NO) RN given refers to parent cpd without isomeric designation

medrol stabisol see methylprednisolone sodium phosphate

medroxalol

(RN) 56290-94-9
(RR) 76959-03-0 (mono-HCl(S-(R*,S*))-isomer)
(RR) 76959-02-9 (mono-HCl(R-(R*,S*))-isomer)
(RR) 76959-01-8 (mono-HCl(S-(R*,R*))-isomer)
(RR) 76959-00-7 (mono-HCl(R-(R*,R*))-isomer)
(RR) 70161-10-3 (mono-HCl)
(SY) RMI 81968
(SY) 5-(2-((3-(1,3-benzodioxol-5-yl)-1-methylpropyl)amino)-1-hydroxyethyl)-2-hydroxybenzamide
(SY) MDL 17330A
(SY) MDL 17331A
(HM) *ETHANOLAMINES
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS
(PA) ADRENERGIC ALPHA RECEPTOR BLOCKADERS
(PA) ANTIHYPERTENSIVE AGENTS
(NO) RN given refers to parent cpd without isomeric designation

medroxyprogesterone acetate see medroxyprogesterone 17-acetate

medroxyprogesterone 17-acetate

(RN) 1172-82-3
(RR) 71-58-9 ((6alpha)-isomer)
(RR) 560-12-3 ((6alpha,17alpha)-isomer)
(SY) provera
(SY) depo-medroxyprogesterone acetate
(SY) depo-provera
(SY) 17 alpha-acetoxy-6 alpha-methylprogesterone
(SY) medroxyprogesterone acetate
(SY) farlutal depot
(SY) depot medroxyprogesterone acetate
(SY) 6-methyl-17-acetoxyprogesterone
(SY) oragest
(SY) perlutex
(HM) MEDROXYPROGESTERONE/*analogs
(PA) ANTINEOPLASTIC AGENTS
(PA) IMMUNOSUPPRESSIVE AGENTS
(II) DELAYED-ACTION PREPARATIONS
(II) CONTRACEPTIVE AGENTS, FEMALE
(NO) RN given refers to cpd without isomeric designation

medullasin

(RN) EC 3.4.21.-
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) isolated from human bone marrow cells & mature granulocytes

Medullin see prostaglandin A2

4-Me-6-EHP see 2-methyl-6-ethyl-3-hydroxypyridine

Meerwein reagent see triethyloxonium tetrafluoroborate

MEE 600 see methylparaoxon

mefaxamid see mefexamide

mefenamic acid diethylaminoethyl ester

(RN) 55098-70-9
(SY) MA-DEAE
(SY) diethylaminoethyl 2-((2,3-dimethylphenyl)amino) benzoate
(HM) MEFENAMIC ACID/*analogs
(PA) ANTI-INFLAMMATORY AGENTS
(NO) RN given refers to HCl; RN for parent cpd not in Chemline 10/84; structure given in first source

mefenorex

(RN) 17243-57-1
(RR) 5586-87-8 (HCl)
(RR) 24954-70-9 ((+-)-isomer)
(SY) Ro 4-5282
(SY) chloropropylamphetamine
(SY) Pondinil
(HM) *AMPHETAMINES
(PA) APPETITE DEPRESSANTS
(NO) RN given refers to parent cpd without isomeric designation; structure

mefentanyl see 3-methylfentanyl

mefexamide
(RN) 1227-61-8
(RR) 3413-64-7 (mono-HCl)
(SY) mefaxamid
(SY) mexephenamide
(HM) *GLYCOLATES
(NO) proposed psychotherapeutic agent with stimulatory action; minor descriptor (76-83); on-line & Index Medicus search GLYCOLATES (76-83); RN given refers to parent cpd; structure

Me-FIT see 3-methylfentanyl isothiocyanate

mefloquine
(RN) 49752-90-1
(RR) 53230-10-7 ((R*,S*)-(+-)-isomer)
(RR) 64003-26-5 (monomesylate(R*,S*)-(+-)-isomer)
(RR) 58737-31-8 ((R*,R*)-(+-)-isomer)
(RR) 57302-91-7 (monofumarate(R*,S*)-isomer)
(RR) 51773-92-3 (mono-HCl(R*,S*)-(+-)-isomer)
(RR) 51744-85-5 (mono-HCl(S-(R*,R*))-isomer)
(RR) 51744-83-3 (mono-HCl(R-(R*,S*))-isomer)
(RR) 51742-87-1 ((S-(R*,S*))-isomer)
(RR) 51742-86-0 (mono-HCl(S-(R*,S*))-isomer)
(RR) 51688-68-7 ((R-(R*,S*))-isomer)
(RR) 51744-84-4 (mono-HCl(R-(R*,R*))-isomer)
(SY) 2,8-bis(trifluoromethyl)-alpha-(2-piperidyl)-4-quinolinemethanol
(SY) WR 142,490
(SY) mephloquine
(SY) WR 177,602
(HM) *QUINOLINES
(PA) ANTIMALARIALS
(NO) antimalarial which does not significantly bind to DNA; RN given refers to cpd without isomeric designation; mefloquine refers to (R*,S*)-(+-)-isomer; structure

2-MEFUE see 2-methylene-3(2H)-furanone

megace see megestrol acetate

MeGal-D-Gal see methyl 6-O-D-galactopyranosyl-D-galactopyranoside

megalomicin A
(RN) 28022-11-9
(RR) 23319-48-4 (diphosphate.di-K salt)
(HM) AMINOGLYCOSIDES
(PA) ANTIBIOTICS
(NO) RN given refers to parent cpd; structure

megamodulin see protein kinase modulator

megascoliakinin
(HM) *WASP VENOMS
(NO) bradykinin-like cpd from venom of Megascolia flavifrons FAB.

megasin see gossypol beta-aminoethyl sodium sulfate

MEGA-10 see decanoyl-N-methylglucamide

MEGA-9 see nonanoyl-N-methylglucamide

megestrol acetate
(RN) 595-33-5
(RR) 51154-23-5 ((9beta,10alpha)-isomer)
(SY) 17-acetoxy-6-methylpregna-4,6-diene-3,20-dione
(SY) megace
(HM) MEGESTROL/*analogs
(NO) RN given refers to cpd without isomeric designation; structure in Merck Index, 9th ed, #5626

meglitinide
(RN) 54870-28-9
(SY) 4-(2-(5-chloro-2-methoxybenzamido)ethyl)benzoic acid
(SY) HB 699
(HM) *BENZAMIDES
(PA) HYPOGLYCEMIC AGENTS
(NO) structure given in first source & in Negwer, 5th ed, #6436

meglumine antimoniate see glucantime

meglumine calcium metrizoate see isopaque cerebral

meglumine iodamide
(RN) 18656-21-8
(SY) Isteropac
(SY) methylglucamine iodamide
(HM) *IODAMIDE/analogs
(II) CONTRAST MEDIA

meglumine iodipamide
(RN) 3521-84-4
(SY) Biligrafin forte
(SY) Cholografin meglumine
(SY) methylglucamine iodipamide
(SY) radioselectan
(HM) IODIPAMIDE/*analogs

meglumine ioglicinate
(SY) Rayvist
(HM) IOTHALAMIC ACID/*analogs

meglumine ioglycamate see methylglucamine ioglycamide

meglumine iotroxinate see iotroxamide

meglumine ioxaglate see ioxaglic acid

meglumine ioxitalamate see meglumine ioxithalamate

meglumine ioxithalamate
(RN) 29288-99-1
(SY) meglumine ioxitalamate
(SY) meglumine ioxythalamate
(SY) methylglucamine ioxitalamate
(SY) methylglucamine ioxithalamate
(HM) *IOTHALAMATE MEGLUMINE
(II) CONTRAST MEDIA
(NO) structure

meglumine ioxythalamate see meglumine ioxithalamate

meglumine iozomate
(RN) 30804-68-3
(SY) dimer Bjoerk
(SY) Ph DZ 59B
(HM) *DIATRIZOATE MEGLUMINE
(II) CONTRAST MEDIA
(NO) structure

meglumine metrizoate see isopaque cerebral

MEGX see L-86

MEHC see N-ethylhomocholine

3-Me-His(2)TRH see 3-methyl-TRH

MEHP see mono-(2-ethylhexyl)phthalate

2-MeIMPA see adenosine 5'-phospho-2-methylimidazolide

2-MeIMPC see cytidine 5'-phospho-2-methylimidazolide

2-MeIMPG see guanosine 5'-phospho-2-methylimidazolide

Me-IQ see 2-amino-3,4-dimethylimidazo(4,5-f)quinoline

Me-IQX see 2-amino-3,8-dimethylimidazo(4,5-f)quinoxaline

3,4,8-MeIQX see 3,4,8-trimethylimidazo(4,5-f)quinoxalin-2-amine

19-MEIRP see 19-methoxyisorhodopsin

meitonii
(HM) LEVAMISOLE/*analogs
(II) ADJUVANTS, IMMUNOLOGIC
(NO) levamisole analog; no other info available 6/85

meizothrombin
(SY) meizothrombin-(des F1)
(HM) *THROMBIN
(HM) *ENZYME PRECURSORS
(II) ESTERASES
(NO) precursor of alpha-thrombin in the conversion of prothrombin to alpha-thrombin; has esterase activity; meizothrombin-(des F1) produced by reaction of prethrombin-1 with Echis carinatus Venom

meizothrombin-(des F1) see meizothrombin

mekarzole see mecarzole

meladrazine
(RN) 13957-36-3
(RR) 20423-87-4 (tartrate)
(SY) hydramitrazine
(SY) 2,4-bis(diethylamino)-6-hydrazino- 1,3,5- triazine tartrate
(HM) *TRIAZINES
(PA) PARASYMPATHOLYTICS
(NO) RN given refers to parent cpd; structure

melamine
(RN) 108-78-1
(RR) 62572-83-2 (sulfate[1:1])
(RR) 82362-07-0 (sulfate[1:2])
(RR) 82362-06-9 (sulfate[2:1] dihydrate)
(RR) 82362-05-8 (sulfate[4:1] tetrahydrate)
(RR) 82362-04-7 (sulfite[1:1])
(RR) 82362-03-6 (sulfite[2:1] dihydrate)
(RR) 82362-02-5 (sulfite[2:1]) tetrahydrate)
(RR) 67797-68-6 (oxalate[1:1])
(RR) 41583-09-9 (unspecified phosphate)
(SY) 2,4,6-triamino-s-triazine
(SY) 1,3,5-triazine-2,4,6-triamine
(HM) *TRIAZINES
(II) RESINS, SYNTHETIC
(NO) RN given refers to parent cpd; structure

melanin concentrating hormone see melanin-concentrating hormone

melanin-concentrating hormone
(RN) 67382-96-1
(SY) melanophore-concentrating hormone
(SY) melanin concentrating hormone
(SY) melanosome concentrating hormone
(HM) *PITUITARY HORMONES
(HM) *MELANINS
(II) MELANOPHORES
(NO) found in fish pituitaries; heptapeptide melanosome hormone

melanocidin A
(HM) *POLYSACCHARIDES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(PA) NUCLEOTIDASES/antag
(NO) 5'-nucleotidase inhibitor; from Nocardioides sp.1681 J

melanocidin B
(HM) *POLYSACCHARIDES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(PA) NUCLEOTIDASES/antag
(NO) 5'-nucleotidase inhibitor & active against melanoma B16; from Nocardioides sp. 1681 J

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melanogen
(SY) melanogen A
(SY) 6-methoxy-5-indolylglucosiduronate
(HM) *INDOLES
(II) MELANINS
(NO) precursor of melanin; degradation product of tyrosine; present in patas monkey urine, which when left standing, oxidizes to melanin

melanogen A see melanogen

melanoidin polymers
(SY) melanoidins
(HM) *POLYMERS
(NO) polymers consisting mainly of humic & fulvic acids which make up major part of organic carbon reservoir in recent sediments; melanoidins also refer to dark colored substances formed by interaction of reducing sugars & amino acids when heated

melanoidins see melanoidin polymers

melanoma-associated antigen see melanoma-specific protein

melanoma associated antigen p97 see melanoma-specific protein

melanoma-specific protein
(SY) melanoma-associated antigen
(SY) melanoma-specific proteins
(SY) antigen p97
(SY) melanoma associated antigen p97
(SY) melanoma surface antigens
(SY) p97 antigen
(HM) *NEOPLASM PROTEINS
(II) ANTIGENS, NEOPLASM
(II) ANTIGENS, SURFACE
(II) MELANOMA
(II) MELANOMA/immunol
(NO) the sialo form, alpha(1) is found in urine of patients with early-stage disease; the asialo form, alpha(2) is found predominantly in patients with advanced metastatic disease; p97 refers to 97-kilodalton cell-surface protein associated with human melanoma

melanoma-specific proteins see melanoma-specific protein

melanoma surface antigens see melanoma-specific protein

melanophore-concentrating hormone see melanin-concentrating hormone

melanophore-dispersing hormone
(SY) distal retinal pigment hormone
(SY) DRPH
(SY) red pigment-dispersing hormone
(HM) *PEPTIDES
(II) CRABS
(II) MELANOPHORES
(II) INVERTEBRATE HORMONES
(NO) crustacean neuro-octadecapeptide; in eyestalks of Uca pugilator

melanoprotein
(HM) *MELANINS
(HM) *PROTEINS
(II) EYE PROTEINS

melanosome concentrating hormone see melanin-concentrating hormone

melanotropin, beta-(tyrosine(9))-(9-18) see MSH, beta-(9-Tyr)-(9-18)-

melanotropin-(1-76)-peptide see MSH, pro-gamma-

melanotropin potentiating factor see MSH potentiating factor

melanotropin receptor see MSH receptor

melanotropin receptors see MSH receptor

melarsen
(RN) 3599-28-8
(SY) N-(4,6-diamino-s-triazin-2-yl)arsanilic acid disodium salt
(HM) *ARSENICALS
(NO) RN given refers to di-Na salt; RN for parent cpd not in Chemline 7/84; structure

melarsen oxide
(RN) 21840-08-4
(HM) *ARSENICALS
(PA) ANTIPROTOZOAL AGENTS

melatonin receptor
(SY) melatonin receptors
(SY) receptor, melatonin
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) MELATONIN

melatonin receptors see melatonin receptor

Meldola blue
(RN) 7057-57-0
(SY) 9-methylaminobenzo alpha-phenoxazonium chloride
(SY) 9-(dimethylamino)-benzophenoxazinium chloride cpd with zinc chloride
(HM) *OXAZINES
(II) DYES

melezitose
(RN) 597-12-6
(SY) O alpha-D-glucopyranosyl-(1,3)-O beta-D-fructofuranosyl-(2,1) alpha-D-glucopyranoside
(HM) *TRISACCHARIDES
(NO) structure

melibiose carrier see melibiose permease

melibiose permease
(RN) 9055-24-7
(SY) melibiose porter
(SY) melibiose carrier
(HM) *PERMEASES

melibiose porter see melibiose permease

melilot
(RN) 8003-26-7
(SY) Esberiven
(HM) *COUMARINS
(HM) *RESINS
(HM) DRUG COMBINATIONS
(HM) *RUTIN
(NO) consists of coumarin, resin & volatile oil; may also contain rutin

melilotate hydroxylase see melilotate 3-monooxygenase

melilotate 3-monooxygenase
(RN) EC 1.14.13.4
(SY) melilotate hydroxylase
(HM) *HYDROXYLASES

melinamide see N-(2(-methylbenzyl)linoleamide

melinonine F
(RN) 6801-22-5
(SY) melinonine-F
(HM) *ALKALOIDS
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(NO) alkaloid isolated from Strychnos melinoniana

melinonine-F see melinonine F

melitin
(RN) 81944-31-2
(SY) melitine
(HM) *ANTIGENS, BACTERIAL
(II) BRUCELLA/immunol
(II) ALLERGENS
(NO) preparation of soluble antigen of Brucella melitensis

melitine see melitin

melitracene
(RN) 5118-29-6
(RR) 10563-70-9 (HCl)
(SY) N,N-dimethyl-3-(9,10-dihydro-10,10-dimethylanthracen-9-yliden)propylamine
(SY) trausabun
(SY) metrisil
(HM) *ANTHRACENES
(PA) ANTIDEPRESSIVE AGENTS, TRICYCLIC
(NO) RN given refers to parent cpd; structure

melittin(8-26)
(SY) Val-Leu-Thr-Thr-Gly-Leu-Pro-Ala-Leu-Ile-Ser-Trp- Ile-Lys-Arg-Lys-Arg-Gln-Gln
(HM) *MELITTIN
(HM) *PEPTIDE FRAGMENTS
(NO) does not possess lytic properties; forms stable monolayers at air-water interface

mellitic acid
(RN) 517-60-2
(RR) 145-44-8 (hexa-Na salt)
(SY) benzenehexacarboxylate
(HM) *BENZOATES
(NO) RN given refers to parent cpd; structure

melochinine
(RN) 83542-31-8
(HM) *ALKALOIDS
(NO) from Melochia pyramidata L.; causes cattle paralysis; RN given refers to (R)-isomer; RN for cpd without isomeric designation not in Chemline 7/84; structure given in first source

melperon see metylperon

melperone see metylperon

melperon FG 5111 see metylperon

Me3lysine beta-hydroxylase see trimethyl-lysine hydroxylase

3'-Me-MAB see 3'-methyl-4-methylaminoazobenzene

MEMAC see methoxyethylene-maleic anhydride copolymer

membrane-associated placental tissue protein 1
(SY) MP1
(SY) membrane placental tissue protein 1
(HM) *PREGNANCY PROTEINS
(NO) glycoprotein with MW 180 kd

membrane attack complex of complement see complement membrane attack complex

membrane-bound cytolytic complex of complement see complement membrane attack complex

membrane glycoprotein IIb see platelet membrane glycoproteins

membrane glycoprotein, vesicular stomatitis virus see viral G protein

membrane metallo-endopeptidase see kidney-brush-border neutral proteinase

membrane mobility agent A(2)C see A(2)C

membrane placental tissue protein 1 see membrane-associated placental tissue protein 1

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1-Me-6-MDHBC see
1-methyl-6-methoxy-dehydro-beta-carboline

18-ME-3-ME see 18-methylestradiol-3-methyl ether

1-Me-6-MTHBC see
1-methyl-6-methoxy-tetrahydro-beta-carboline

menacor see clobenfurol

menadiol
(RN) 481-85-6
(RR) 53772-18-2 (mono-K salt)
(RR) 53749-58-9 (ion(1-))
(SY) dihydrovitamin K3
(SY) reduced menadione
(SY) vitamin K3H2
(SY) 2-methyl-1,4-naphthohydroquinone
(SY) 2-methyl-1,4-naphthoquinol
(HM) VITAMIN K/*analogs
(NO) RN given refers to parent cpd

menadiol diphosphate
(RN) 84-98-0
(RR) 131-13-5 (tetra-Na salt)
(RR) 4814-39-5 (mono-Na salt)
(RR) 16760-65-9 (ion)
(SY) synkavite
(SY) naphtadon
(SY) synkavit
(SY) menadiol diphosphate (tetrasodium salt)
(HM) VITAMIN K/*analogs
(PA) RADIATION-SENSITIZING AGENTS
(NO) RN given refers to parent cpd; structure

menadiol diphosphate (tetrasodium salt) see menadiol diphosphate

menadione alkyltransferase
(RN) EC 2.5.1-
(SY) menadione farnesyltransferase
(HM) *TRANSFERASES
(NO) catalyzes the transfer of an alkyl group from an alkylpyrophosphate to a position ortho to one of the keto groups of menadione

menadione bisulfite
(RN) 130-36-9
(RR) 6147-37-1 (Na salt.trihydrate)
(RR) 130-37-0 (Na salt)
(SY) vicasol
(SY) vikasol
(SY) vitamin K3 sodium bisulfite
(SY) menadione sodium bisulfite
(HM) VITAMIN K/*analogs
(PA) HEMOSTATICS
(NO) antihemorrhagic vitamin; RN given refers to parent cpd; structure in Merck Index, 9th ed, #5655

menadione epoxide reductase see vitamin K epoxidase

menadione farnesyltransferase see menadione alkyltransferase

menadione sodium bisulfite see menadione bisulfite

menaquinone 6
(RN) 84-81-1
(SY) 2-methyl-3-farnesyl-farnesyl-1,4-naphthoqunone
(SY) MK-6
(HM) VITAMIN K/*analogs
(NO) RN given refers to (all-E)-isomer; RN for cpd without isomeric designation not in Chemline 9/84

Menhaden oil
(RN) 8002-50-4
(RR) 68424-76-0 (Pb salt)
(HM) *OILS
(NO) RN given refers to cpd with unknown MF

menicon O2
(HM) *METHYLMETHACRYLATES
(HM) *SILICONES
(NO) polymethylmethacrylate silicon copolymer slightly more oxygen permeable than polycon; used for gas-permeable contact lenses

meningococcal group A polysaccharide
(SY) meningococcal polysaccharide A
(SY) polysaccharide, meningococcus group A
(HM) *POLYSACCHARIDES, BACTERIAL
(II) ANTIGENS, BACTERIAL

meningococcal group B polysaccharide
(SY) polysacharide, meningococcus group B
(SY) meningococcal polysaccharide B
(HM) *POLYSACCHARIDES, BACTERIAL
(II) NEISSERIA MENINGITIDIS
(II) ANTIGENS, BACTERIAL

meningococcal group C polysaccharide
(SY) meningococcal polysaccharide C
(SY) polysaccharide, meningococcus group C
(HM) *POLYSACCHARIDES, BACTERIAL
(II) NEISSERIA MENINGITIDIS
(II) ANTIGENS, BACTERIAL

meningococcal polysaccharide A see meningococcal group A polysaccharide

meningococcal polysaccharide B see meningococcal group B polysaccharide

meningococcal polysaccharide C see meningococcal group C polysaccharide

meningococcal vaccine
(SY) bivalent meningococcal vaccine
(SY) tetravalent meningococcal vaccine
(HM) *BACTERIAL VACCINES

menisperine
(RN) 25342-82-9
(RR) 20911-73-3 (chloride(S)-isomer)
(RR) 17669-18-0 (iodide(S)-isomer)
(SY) isocorydine methochloride
(HM) *APORPHINES
(PA) NEUROMUSCULAR BLOCKING AGENTS
(NO) RN given refers to (S)-isomer; RN for cpd without isomeric designation not in Chemline 9/84; structure given in first source

menoctone
(RN) 14561-42-3
(SY) 2-(8-cyclohexyloctyl)-3-hydroxy-1,4-naphthoquinone
(SY) Win 11,530
(SY) WR 9808
(HM) *NAPHTHOQUINONES
(PA) ANTIMALARIALS
(PA) ANTIPROTOZOAL AGENTS

menogaril see 7-(R)-O-methylnogarol

menogarol see 7-(R)-O-methylnogarol

Menphegal see Neo Sampoon

Menphegol see Neo Sampoon

4-mentha-1,8-diene see limonene

4-(cis-p-menthan-8-yloxy)benzanilide see YM 95831

4-(cis-4-menthan-8-yloxy)benzanilide see YM 95831

4-(4-menthan-8-yloxy)benzanilide see YM 95831

p-menthanylphenyl polyoxyethylene ether see Neo Sampoon

4-menth-8-en-1,2-diol
(HM) *TERPENES
(NO) structure given in first source

menthol glucuronide
(RN) 79466-08-3
(HM) *GLUCURONATES
(HM) MENTHOL/*analogs
(NO) RN given refers to (1R-(1alpha, 2beta, 5alpha))-isomer; RN for cpd without isomeric designation not in Chemline 5/85

menthoneurin see glycol salicylate

MEN-935 see MEN 935

MEN 935
(RN) 75708-29-1
(SY) 1-(3-((3-(1-naphthoxy)-2-hydroxypropyl)amino)-3,3-dimethylpropyl)-2-benzimidazolinone
(SY) MEN-935
(HM) *BENZIMIDAZOLES
(PA) ANTIHYPERTENSIVE AGENTS
(NO) RN given refers to mono-HCl; RN for parent cpd not in Chemline 7/84; structure given in first source

3-MeO-AAB see 3-methoxy-4-aminoazobenzene

meobentine
(RN) 46464-11-3
(RR) 58503-79-0 (sulfate[2:1])
(SY) meobentine sulfate
(SY) meobentine sulphate
(SY) bis(N-4-methoxybenzyl-N',N''-dimethylguanidine) sulphate
(SY) Rythmatine
(HM) *METHYLGUANIDINE/analogs
(PA) ANTI-ARRHYTHMIA AGENTS
(NO) RN given refers to parent cpd; structure in first source

meobentine sulfate see meobentine

meobentine sulphate see meobentine

1-Me-6-OTBC see
1-methyl-6-oxy-tetrahydro-beta-carboline

mepazine
(RN) 60-89-9
(RR) 2975-36-2 (mono-HCl)
(RR) 38878-41-0 (ion(1+))
(SY) pecazin
(HM) *PHENOTHIAZINES
(PA) PHENOTHIAZINE TRANQUILIZERS
(NO) major descriptor (66-85); on-line search PHENOTHIAZINES (66-85); Index Medicus search MEPAZINE (66-85); RN given refers to parent cpd

MEPDA see
4-(N-(2-mercaptoethyl))aminopyridine-2,6-dicarboxylic acid

mepenzolate bromide see mepenzolic acid

mepenzolic acid
(RN) 25990-43-6
(RR) 88215-34-3 (bromide(+-)-isomer)
(RR) 53950-02-0 (iodide)
(RR) 37717-96-7 (1-(methyl-(14)C)-labeled cpd bromide)
(RR) 76-90-4 (bromide)
(SY) N-methyl-3-piperidylbenzilate methyl bromide
(SY) mepenzolate bromide
(HM) *PIPERIDINES
(HM) *BENZILATES
(PA) PARASYMPATHOLYTICS
(NO) anticholinergic, antispasmodic agent; RN given refers to parent cpd; structure

meperidine esterase
(RN) EC 3.1.1.-
(HM) *CARBOXYLIC ESTER HYDROLASES

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MEPH
(HM) MITOMYCINS
(HM) ETOPOSIDE
(HM) CISPLATIN
(HM) HEXAMETHYLMELAMINE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of mitomycin C & above 3 cpds

mephenytoin 4-hydroxylase
(RN) EC 1.14.13.-
(HM) *HYDROXYLASES
(NO) requires cytochrome P-450, NADPH

N-MePhe(3)-D-Pro(4)-morphiceptin see morphiceptin, N-MePhe(3)-D-Pro-

mephloquine see mefloquine

6,6-Me2PH4 see 6,6-dimethyltetrahydropterin

mepindolol
(RN) 23694-81-7
(RR) 56396-94-2 (sulfate[2:1])
(SY) bis(4-(2-hydroxy-3-isopropylaminopropoxy)-2-methylindol) sulfate
(SY) SH E 222
(SY) LF 17-895
(SY) 1-(isopropylamino)-3-(2-methylindol-4-yloxy)-2-propanol sulfate
(SY) Corindolan
(HM) PINDOLOL/*analogs
(NO) 2-methyl deriv of pindolol; RN given refers to parent cpd; structure

mepiperphenidol
(RN) 520-20-7
(RR) 75608-21-8 (chloride)
(SY) 1-methyl-1-(3-hydroxy-5-methyl-4-phenylhexyl) piperidinium
(HM) *PIPERIDINES
(PA) GANGLIONIC BLOCKING AGENTS
(NO) inhibitor of renal cation transport; RN given refers to bromide; RN for parent cpd not in Chemline 7/84

mepiprazole
(RN) 20326-12-9
(RR) 20344-15-4 (di-HCl)
(SY) quiadon
(SY) 1-(3-chlorophenyl)-4-(2-(5-methylpyrazol- 3-yl) ethyl)piperazine. di-HCl
(SY) EMD 16,923
(HM) *PIPERAZINES
(PA) TRANQUILIZING AGENTS
(NO) psychotropic agent; tranquilizer in schizophrenia; possible chronobiotic agent for therapy in circadian rhythm desynchronization; RN given refers to parent cpd; RN for EMD 16923 with MF unknown: 52499-69-1

mepitiostane
(RN) 21362-69-6
(SY) 10364-S
(SY) 2 alpha,3 alpha-epithio-5 alpha-androstan-17 beta-yl-1-methoxycyclopentyl ether
(HM) *ANDROSTANOLS
(PA) ESTROGEN ANTAGONISTS
(II) ANABOLIC STEROIDS
(NO) orally active anti-estrogenic steroid; RN given refers to (2alpha,3alpha,5alpha,17beta)-isomer; RN for cpd without isomeric designation not in Chemline 7/84; structure

MEPNA 184
(SY) MEPNA-184
(SY) 4-methacryloxyethoxycarbonylpropionyl-1,8-naphthalic anhydride
(HM) *METHACRYLATES
(II) DENTAL MATERIALS
(II) ADHESIVES

MEPNA-184 see MEPNA 184

MEP-PA see mucoid exopolysaccharide (P aeruginosa)

7-MEPQ see 7-methylethoxyphosphinyloxy)-1-methylquinolinium

mepramidil
(RN) 23891-60-3
(RR) 24050-58-6 (HCl)
(SY) PF-26
(SY) diphenamilate
(SY) 3-(3,3-diphenylpropylamino)propyl-3',4',5'-trimethoxybenzoate.HCl
(HM) *BENZOATES
(NO) RN given from USAN; cpd not in Chemline 6/22/83; structure

mepregenol diacetate
(RN) 3116-07-2
(SY) 6-methylpregna-4,6-dien-3 beta,17 alpha-diol-20-one diacetate
(SY) acetomepregenol
(HM) *PREGNADIENEDIOLS
(HM) CONTRACEPTIVES, ORAL, COMBINED
(NO) tested for use in combination with ethinyl estradiol; RN given refers to (3beta)-isomer; RN for cpd without isomeric designation not in Chemline 7/84

meprin (enzyme) see kidney-brush-border neutral proteinase

meproadifen
(RN) 70147-13-6
(RR) 70345-17-4 (methyl-(14)C-labeled cpd)
(RR) 56538-56-8 (iodide)
(SY) 2-(diethylmethylaminoethyl)-2,2- diphenylvalerate iodide
(HM) PROADIFEN/*analogs
(PA) ANESTHETICS, LOCAL
(NO) RN given refers to unlabeled parent cpd

meproscillarin
(RN) 33396-37-1
(SY) methylproscillaridin
(SY) proscillaridin 4'-methyl ether
(HM) *PROSCILLARIDIN/analogs
(II) DIGITALIS GLYCOSIDES
(II) PLANTS, MEDICINAL
(NO) structure in Negwer, 5th ed, #6625; RN given refers to (3beta)-isomer; RN for cpd without isomeric designation not in Chemline 7/84

ME pyr1-3 see protein pyr1-3

Me-quingestanol
(RN) 79030-51-6
(HM) MEGESTROL/*analogs
(HM) *NORPREGNADIENES
(HM) CONTRACEPTIVES, ORAL, COMBINED
(NO) mixture of megestrol acetate & quingestanol acetate

mequinol see 4-hydroxyanisole

mequitazine
(RN) 29216-28-2
(RR) 84992-84-7 (HCl)
(RR) 58505-73-0 (tartrate(R-(R*,R*))-isomer)
(SY) LM 209
(SY) primalan
(HM) *PHENOTHIAZINES
(PA) ANTIHISTAMINICS
(PA) BRONCHODILATOR AGENTS
(NO) RN given refers to parent cpd without isomeric designation; structure

MER
(SY) methanol-extraction residue
(SY) MER-BCG
(SY) NSC-143769
(HM) *BCG VACCINE
(PA) ANTINEOPLASTIC AGENTS
(II) MYCOBACTERIUM TUBERCULOSIS
(II) ADJUVANTS, IMMUNOLOGIC
(NO) extract of phenol killed, acetone washed tubercle bacilli (BCG attenuated)

meradin see meradine

meradine
(RN) 7390-62-7
(SY) 8-mercaptoadine
(SY) 6-aminopurine-8-thiol
(SY) meradin
(HM) ADENINE/*analogs
(II) RADIATION INJURIES/drug ther
(NO) for treatment of radiation injury; structure

meralops see keracyanin

merbarone see NSC 336628

MER-BCG see MER

mercaptalbumin see mercaptoalbumin

mercaptide V
(HM) *ORGANOMERCURY COMPOUNDS
(NO) formed from 2 mol thiosalicylate & 1 mol Hg++; proposed structure given in first source

2-mercaptoacetate
(RN) 68-11-1
(RR) 5421-46-5 (mono-NH4 salt)
(RR) 814-71-1 (Ca salt[2:1])
(RR) 367-51-1 (mono-Na salt)
(RR) 150-49-2 (Bi(3+).Na salt[3:1:3])
(RR) 34452-51-2 (mono-K salt)
(RR) 29820-13-1 (Ca salt[1:1])
(RR) 5793-98-6 (Ca salt[2:1] trihydrate)
(SY) 2-thioglycolic acid
(SY) sodium thioglycolate
(SY) calcium thioglycolate
(SY) ammonium thioglycolate
(HM) *THIOGLYCOLATES
(NO) RN given refers to parent cpd

2-mercaptoacetyl-phenylalanylleucine
(RN) 83328-02-3
(SY) 2-mercaptoacetyl-L-phenylalanyl-L-leucine
(SY) HSAc-Phe-Leu
(HM) *DIPEPTIDES
(PA) ELASTASE/antag
(NO) structure given in first source

2-mercaptoacetyl-L-phenylalanyl-L-leucine see 2-mercaptoacetyl-phenylalanylleucine

8-mercaptoadine see meradine

mercaptoalbumin
(SY) mercaptalbumin
(HM) *SERUM ALBUMIN

19-mercaptoandrost-4-ene-3,17-dione
(RN) 90212-02-5
(SY) 19-MAED
(HM) ANDROSTENEDIONE/*analogs
(PA) AROMATASE/antag
(NO) RN & structure given in first source; RN not in Chemline 7/85

2-mercaptobarbituric acid see thiobarbituric acid

2-mercaptobenzimidazole
(RN) 583-39-1
(RR) 3030-80-6 (Zn[2:1] salt)
(RR) 15091-69-7 (mono-Na salt)
(HM) *BENZIMIDAZOLES
(PA) ANTIMETABOLITES
(NO) purine synthesis antimetabolite; RN given refers to parent cpd

2-mercaptobenzothiazole disulfide see altax

2-mercaptobenzothiazole see captax

(3-mercapto-2-benzylpropionyl)glycine see thiorphan

1-(2-mercapto-beta,beta-cyclopentamethylenepropionic acid)-2-phenylalanine-4-valine-8-arginine vasopressin see SK&F 101071

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2-mercapto-1-(beta-4-pyridethyl) benzimidazole
(RN) 13083-37-9
(SY) 2-mercapto-1-(beta-pyridylethyl)benzimidazole
(HM) *BENZIMIDAZOLES
(II) DNA REPLICATION/drug eff
(NO) inhibits biosynthesis of DNA in HeLa cells

2-mercapto-1-(beta-pyridylethyl)benzimidazole see 2-mercapto-1-(beta-4- pyridethyl)benzimidazole

6-mercapto-9 beta-ribofuranosylpurine-5'-triphosphate see 6-thioinosine-5'-triphosphate

1-(1-mercaptocyclohexaneacetic acid)-2-(O-methyl-L-tyrosine)-8-D-arginine vasopressin see vasopressin, (1-(beta mercapto-beta,beta- cyclopentamethyleneropionic acid)-2-(O-methyl)Tyr) Arg-

1-(1-mercaptocyclohexaneacetic acid)-2-tyrosyl-4-valyl-8-arginine-vasopressin see vasopressin, 1-(1-mercaptocyclohexaneacetic acid)-2-Tyr-4-Val-8-Arg-

1-(1-mercaptocyclohexaneacetic acid)-2-Tyr-4-Val-8-Arg-vasopressin see vasopressin, 1-(1-mercaptocyclohexaneacetic acid)-2-Tyr-4-Val-8-Arg-

5-mercapto-2'-deoxyuridine
(RN) 7085-54 3
(HM) THIOURIDINE/*analogs
(PA) ANTIVIRAL AGENTS

2-mercaptoethanol disulfide see 1,2-ethanedithiol

4-(N-(2-mercaptoethyl))aminopyridine-2,6- dicarboxylic acid
(RN) 88090-56-6
(SY) MEPDA
(HM) *AMINOPYRIDINES
(NO) structure given in first source

N-(2-mercaptoethyl)-1,3-diaminopropane see WR-1065

2-mercaptoethylguanidine
(RN) 1190-74-5
(RR) 32665-11-5 (di-HBr)
(RR) 21618-56-4 (unspecified HBr)
(RR) 4337-69-3 (mono-HBr)
(RR) 3979-00-8 (sulfate[2:1] salt)
(RR) 19767-44-3 (mono-HCl)
(HM) *GUANIDINES
(NO) proposed as a radiation protective agent; minor descriptor (75-83); on-line & Index Medicus search GUANIDINES (75-83); RN given refers to parent cpd

2-mercapto-3-furan-2-ylpropenoic acid see alpha mercapto beta-(2-furan)acrylic acid

6-mercapto-GTP see 6-thioguanosine 5'-triphosphate

8-mercaptoguanosine see 8-thioguanosine

1-mercaptohexadecyl-2-methoxymethyl-syn- glycero-3-phosphocholine
(SY) SH-MM-lysolecithin
(HM) *LYSOPHOSPHATIDYLCHOLINES

3-mercaptolactate-cysteine disulfide see beta-mercaptolactate cysteine disulfide

3-mercaptolactic acid see beta-mercaptolactate

2-mercaptomethyl-3-guanidinoethylthiopropionic acid
(RN) 77102-28-4
(SY) 2-MMGETPA
(HM) *3-MERCAPTOPROPIONIC ACID/analogs
(PA) ARGININE CARBOXYPEPTIDASE/antag
(NO) RN given refers to (+-)-isomer; RN for cpd without isomeric designation not in Chemline 7/84; structure given in first source

2-mercapto-1-methyl-5-methylmercaptoimidazole
(SY) 2-MMMMI
(HM) METHIMAZOLE/*analogs
(NO) metabolite of methimazole; structure given in first source

2-mercapto-2-methylpropanoyl-L-cysteine see SA96

(4R)-3-((2S)-3-mercapto-2-methylpropanoyl)-4-thiazolidinecarboxylic acid see YS 980

3-(mercaptomethyl-2,3,4,5-tetrahydro-2-oxo-1H-1-benzazepine-1-acetic acid)
(RN) 89177-61-7
(RR) 89177-62-8 (dicyclohexylamine salt)
(SY) 1-CMTBAO
(SY) 1-(carboxymethyl)-3-(mercaptomethyl)-2,3,4,5-tetrahydro-1H-1-benzazepin-2-one
(HM) *BENZAZEPINES
(PA) KININASE II/antag
(NO) RN & structure given in first source; RN given refers to parent cpd; RN not in Chemline 7/84

3-(mercaptomethyl)-3,4,5,6-tetrahydro-2-oxo-1H-1-benzazocine-1-acetic acid
(RN) 89177-63-9
(RR) 89177-64-0 (dicyclohexylamine salt)
(SY) 3-MMTOB
(HM) *AZOCINES
(PA) KININASE II/antag
(NO) RN & structure given in first source; RN given refers to parent cpd; RN not in Chemline 7/84

5-mercapto-N-methyltetrazole see 1-N-methyl-5-thiotetrazole

3-mercaptopicolinate see 3-mercaptopicolinic acid

3-mercaptopicolinic acid
(RN) 14623-54-2
(SY) SKF 34288
(SY) 3-mercaptopicolinate
(SY) SK&F 34288
(SY) 3-mercapto-2-pyridinecarboxylic acid
(HM) *PICOLINIC ACIDS
(PA) PHOSPHOENOLPYRUVATE CARBOXYKINASE/antag
(NO) gluconeogenesis inhibitor

6-mercaptopicolinic acid
(RN) 14716-87-1
(SY) 6-mercapto-2-pyridinecarboxylic acid
(HM) *PICOLINIC ACIDS

mercapto-poly C see 5-mercaptopolycytidylic acid

5-mercaptopolycytidylic acid
(SY) thiolated polycytidylic acid
(SY) mercapto-poly C
(SY) thiolated poly C
(HM) *POLY C
(HM) *THIONUCLEOTIDES
(NO) structure

3-mercapto-1,2-propanediol see thioglycerol

1-(3-mercaptopropanoic acid)-2-(O-ethyl-tyrosine) oxytocin see oxytocin, 1-deamino-2-O-ethyl-

2-mercaptopropionic acid see thiolactic acid

3-mercaptopropionyl CoA see 3-mercaptopropionyl coenzyme A

3-mercaptopropionyl coenzyme A
(SY) 3-mercaptopropionyl CoA
(SY) coenzyme A, 3-mercaptopropionyl
(HM) *ACYL COENZYME A

mercaptopropionylglycine-cysteine disulfide see thiola-cysteine disulfide

mercaptopropionylhydrazide
(RN) 689-02-1
(SY) MPHZ
(HM) *SULFHYDRYL COMPOUNDS
(II) INDICATORS AND REAGENTS
(NO) reagent for introducing sulfhydryl groups into proteins; structure given in first source

6-mercaptopurine bismuth see bismuth-6-mercaptopurine

6-mercaptopurine ribonucleoside 5'-diphosphate
(RN) 805-63-0
(SY) 6-MPR 5'-DP
(HM) *THIONUCLEOTIDES

6-mercaptopurine ribonucleoside 5'-monophosphate see thioinosinic acid

6-mercaptopurine ribonucleoside triphosphate see 6-thioinosine-5'-triphosphate

4-mercaptopyrazolo(3,4-d)pyrimidine see thiopurinol

2-mercapto-5-pyridinecarboxylic acid see 6-mercapto-3-pyridinecarboxylic acid

3-mercapto-2-pyridinecarboxylic acid see 3-mercaptopicolinic acid

6-mercapto-2-pyridinecarboxylic acid see 6-mercaptopicolinic acid

6-mercapto-3-pyridinecarboxylic acid
(RN) 17624-07-6
(SY) 2-mercapto-5-pyridinecarboxylic acid
(SY) 6-M-3-PCA
(HM) *NICOTINIC ACIDS
(NO) structure given in first source

2-mercaptopyridine N-oxide see pyrithione

3-mercaptopyridine-2-sulfonamide
(SY) MPSA
(HM) *PYRIDINES
(NO) structure given in first source

2-mercaptopyridine see 2-thiopyridine

3-mercaptopyruvate sulphurtransferase
(RN) EC 2.8.1.2
(SY) beta-mercaptopyruvate sulfurtransferase
(HM) *SULFURTRANSFERASES

3-mercaptopyruvate
(RN) 2464-23-5
(RR) 10255-67-1 (mono-Na salt)
(SY) beta-mercaptopyruvate
(SY) 3-mercaptopyruvic acid
(SY) beta-thiopyruvic acid
(HM) CYSTEINE/*analogs
(NO) RN given refers to parent cpd; structure

3-mercaptopyruvic acid see 3-mercaptopyruvate

mercaptosuccinic acid see 2-thiomalic acid

6-mercapto-9-(tetrahydro-2-furyl)purine
(SY) 9-(tetrahydro-2-furyl)-6-mercaptopurine
(SY) THFMP
(HM) 6-MERCAPTOPURINE/*analogs

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2-mercaptothiazoline
(RN) 96-53-7
(SY) 2-thiazoline-2-thiol
(SY) 2-thiothiazolidone
(HM) *THIAZOLES
(NO) metabolite of CS(2); structure

mercaptotriazole
(RN) 3179-31-5
(SY) 1,2,4-triazolethione
(HM) *TRIAZOLES
(PA) ANTICONVULSANTS
(NO) structure

Merck 4925 see propham

Merck-4925 see propham

Mercox
(RN) 84238-67-5
(SY) mercox CL
(HM) *POLYESTERS
(II) RESINS, SYNTHETIC
(NO) unsaturated polyester resin; used in resin injection-corrosion casts which are employed in electron microscopy

mercox CL see Mercox

mercurascan
(RN) 50922-49-1
(RR) 26836-06-6 (203Hg-labeled cpd)
(SY) hydroxymercurifluorescein
(HM) *FLUORESCEINS
(HM) *ORGANOMERCURY COMPOUNDS
(NO) RN given refers to cpd with unknown MF

mercurated CTP see 5-mercuricytidine 5'-triphosphate

p-mercuribenzene sulfonate see 4-mercuribenzene sulfonate

4-mercuribenzene sulfonate
(RN) 5259-80-3
(SY) p-mercuribenzene sulphonate
(SY) para-mercuribenzene sulfonate
(SY) p-mercuribenzene sulfonate
(HM) *PHENYLMERCURY COMPOUNDS
(NO) RN given refers to parent cpd

p-mercuribenzene sulphonate see 4-mercuribenzene sulfonate

p-mercuribenzoate see 4-mercuribenzoate

4-mercuribenzoate
(SY) para-mercuribenzoate
(SY) p-mercuribenzoate
(HM) *MERCURIBENZOATES

mercuric acetate
(RN) 1600-27-7
(RR) 54379-42-9 (197Hg-labeled cpd)
(RR) 33525-50-7 (203Hg-labeled cpd)
(RR) 73206-35-6 (203Hg-labeled cpd with unspecified mercuric acetate)
(RR) 592-63-2 (cpd with unspecified mercuric acetate)
(HM) *MERCURY
(NO) RN given refers to cpd with MF of Hg-(C2H4O2)2

mercuric bromide
(RN) 7789-47-1
(SY) mercuric dibromide
(HM) *MERCURY
(HM) *BROMIDES

mercuric cyanide
(RN) 592-04-1
(SY) Hg(CN)2
(SY) meditonsin
(HM) *MERCURY
(HM) *CYANIDES

S-mercuric-N-dansylcysteine
(RN) 77430-00-3
(SY) SMNDC
(SY) S-mercurio-N-dansylcysteine
(HM) CYSTEINE/*analogs
(NO) RN & NI from 9th CI Form Index

mercuric dibromide see mercuric bromide

mercuric diiodide see mercuric iodide, red

mercuric iodide see mercuric iodide, red

mercuric iodide, red
(RN) 7774-29-0
(SY) HgI2
(SY) mercuric iodide
(SY) mercuric diiodide
(HM) *MERCURY
(NO) single cyrstals of HgI2 are used as room temp semiconductor x-ray detectors for application to computed tomography

mercuric oxide
(RN) 21908-53-2
(RR) 12136-13-9 (203Hg-labeled cpd)
(RR) 12653-71-3 (cpd with unspecified mercuric oxide)
(RR) 53280-93-6 (197Hg-labeled cpd)
(HM) *MERCURY
(HM) *OXIDES
(NO) RN given refers to cpd with MF of Hg-O

mercuric reductase
(RN) EC 1.16.-
(HM) *OXIDOREDUCTASES
(NO) reduces Hg2+ to volatile Hg, contains FAD, requires NADPH

mercuric sulfate
(RN) 7783-35-9
(RR) 7783-36-0 (Hg(1+)-H2O4S[2:1])
(RR) 14518-29-7 (monohydrate)
(RR) 13766-44-4 (cpd with unspecified lead sulfate)
(RR) 2013-23-2 (Hg(2+)-H2O4S[2:1])
(SY) mercury(II) sulfate
(HM) *MERCURY
(HM) *SULFATES
(NO) RN given refers to cpd with MF of Hg-H2O4S

mercuric sulfide see cinnabar

5-mercuricytidine 5'-triphosphate
(SY) Hg-CTP
(SY) mercurated CTP
(HM) CYTIDINE TRIPHOSPHATE/*analogs
(HM) *ORGANOMERCURY COMPOUNDS

5-mercurideoxycytidine triphosphate
(SY) 5-Hg-dCTP
(SY) 5-Hg-deoxycytidine triphosphate
(HM) *DEOXYCYTOSINE NUCLEOTIDES

S-mercurio-N-dansylcysteine see S-mercuric-N-dansylcysteine

5'-mercuri-uridine triphosphate see 5'-mercuriuridine triphosphate

5'-mercuriuridine triphosphate
(RN) 53293-39-3
(SY) Hg-UTP
(SY) 5'-mercuri-uridine triphosphate
(HM) URIDINE TRIPHOSPHATE/*analogs
(HM) *ORGANOMERCURY COMPOUNDS

mercurophylline
(RN) 8012-34-8
(SY) novurit
(SY) novurite
(HM) *ALKYLMERCURY COMPOUNDS
(HM) *THEOPHYLLINE
(HM) DRUG COMBINATIONS
(PA) DIURETICS, MERCURIAL
(NO) combination of Na salt of mercamphamidum & theophylline

mercury-dextran
(SY) mercury-dextran complex
(HM) *DEXTRANS
(HM) *MERCURY

mercury-dextran complex see mercury-dextran

mercury(II) sulfate see mercuric sulfate

mercury nitrate
(RN) 24670-15-3
(RR) 10045-94-0 (HNO3-Hg[2:1])
(RR) 15098-98-3 (HNO3-203Hg-labeled[2:1] cpd)
(RR) 10415-75-5 (HNO3-Hg[1:1])
(HM) *MERCURY
(HM) *NITRATES
(NO) RN given refers to cpd with unspecified MF

mercury orange
(RN) 3076-91-3
(SY) Bennett's mercury orange
(SY) 1-(4-chloromercuryphenlazo)-2-naphthol
(HM) *PHENYLMERCURY COMPOUNDS
(II) SULFHYDRYL REAGENTS

mercury-titanium alloy see titanium-mercury alloy

merfen see phenylmercury borate

merocel see polyvinyl alcohol formaldehyde foam

merocyanine dye
(RN) 58823-12-4
(SY) merocyanine 540
(HM) *PYRIMIDINONES
(PA) RADIATION-SENSITIZING AGENTS
(II) FLUORESCENT DYES
(II) STAINS AND STAINING
(NO) fluorescent dye used for studying axons 2 position on pyrimidine ring may be S or O; RN given refers to Na salt; RN for parent cpd not in Chemline 7/84; structure

merocyanine-rhodanine
(RN) 68107-18-6
(SY) NK-2495
(SY) 5-((1-gamma-sodium sulfopropyi-4(1H)-quinolylidene)-2-butenylidene)-3-ethylrhodanine
(HM) *RHODANINE/analogs
(HM) *BENZOXAZOLES
(II) DYES
(NO) RN given refers to Na salt; RN for parent cpd not in Chemline 7/84

merocyanine 540 see merocyanine dye

merofilamins see filamins

meromyosin subfragments
(SY) heavy meromyosin subfragment 1
(SY) acto-heavy meromyosin
(HM) *MEROMYOSINS
(HM) *PEPTIDE FRAGMENTS

merphene see phenylmercuric nitrate, basic

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merphos
(RN) 150-50-5
(SY) Folex
(SY) S,S,S-tributyl phosphorotrithioite
(HM) *ORGANOTHIOPHOSPHORUS COMPOUNDS
(PA) INSECTICIDES, ORGANOTHIOPHOSPHATE
(II) DEFOLIANTS, CHEMICAL
(NO) structure

Mersilene see Lavsan

mersyndol
(HM) *PARACETAMOL
(HM) *CODEINE
(HM) *DOXYLAMINE
(HM) DRUG COMBINATIONS
(PA) ANALGESICS
(PA) HISTAMINE H1 RECEPTOR BLOCKADERS
(NO) combination of above cpds; used as an analgesic in temporomandibular joint pain dysfunction syndrome

merthiolate-iodine-formaldehyde fixative see merthiolate-iodine-formalin fixative

merthiolate-iodine-formalin fixative
(RN) 78249-63-5
(SY) merthiolate-iodine-formaldehyde fixative
(SY) MFIC
(HM) *THIMEROSAL
(HM) *FORMALDEHYDE
(HM) *IODINE
(II) FIXATIVES
(NO) formed by mixing iodine solution with merthiolate-formalin solution immediately before use; used to fix protozoan cysts, helminth eggs & larvae

mesaconitine
(RN) 2752-64-9
(RR) 71425-64-4
(HBr(1alpha,3alpha,6alpha,14alpha,15alpha,16beta)-isomer)
(SY) N-desethyl-N-methylaconitine
(HM) ACONITINE/*analogs
(NO) RN given refers to parent cpd(1alpha,3alpha,6alpha,14alpha,15alpha,16beta)-isomer; RN for cpd without isomeric designation not in Chemline 7/84

meseclazone
(RN) 29053-27-8
(SY) W-2395
(SY) 7-chloro-3,3a-dihydro-2-methyl-2H,9H-isoxazolo(3,2-b)(1,3)benzoxazin-9-one
(HM) *SECLAZONE/analogs
(PA) ANTI-INFLAMMATORY AGENTS
(NO) 2-methyl analog of seclazone; structure

mesentericopeptidase
(RN) EC 3.4.21.-
(SY) alkaline mesentericopeptidase
(SY) esperase
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) serine protease from Bacillus mesentericus

MeSGalP see methyl beta-D-thiogalactopyranoside phosphate

mesidine see 2,4,6-trimethylaniline

mesitylene
(RN) 108-67-8
(HM) *XYLENES
(NO) structure

mesitylenecarboxylic acid
(RN) 480-63-7
(RR) 32642-28-7 (Na salt)
(HM) *BENZOATES
(HM) *XYLENES
(NO) RN given refers to parent cpd; structure

N-mesitylenesulfonyltryptophan see 2-amino-3-((N-2,4,6-trimethylbenzenesulfonyl)indole) propionic acid

mesobiliverdin IX alpha see mesobiliverdin IX

mesobiliverdin IX
(RN) 493-88-9
(SY) mesobilivedin IX alpha
(SY) mesobiliverdin IX beta
(HM) BILIVERDINE/*analogs
(NO) can be mixture of alpha & beta isomers; RN given refers to (beta)-isomer; RN for cpd without isomeric designation not in Chemline 1/85

mesobiliverdin IX beta see mesobiliverdin IX

mesocarb see sidnocarb

mesoglycan
(RN) 80455-95-4
(SY) prisma
(SY) mediolanum
(HM) *MUCOPOLYSACCHARIDES
(NO) used in treatment of hyperlipoproteinemia

mesoheme see mesoporphyrin IX

mesoporphyrin see mesoporphyrin IX

mesoporphyrin IX
(RN) 493-90-3
(RR) 68938-72-7 (di-HCl)
(RR) 14354-67-7 (Zn salt)
(SY) mesoheme
(SY) mesoporphyrin
(HM) *MESOPORPHYRINS
(NO) RN given refers to parent cpd; mesoheme is the iron salt of mesoporphyrin IX

mesotetra(4-N-methylpyridyl)porphine see meso-tetra(4-N-methylpyridyl)porphine

mesotocin
(RN) 362-39-0
(SY) 8-isoleucine-oxytocin
(SY) 8-Ile-oxytocin
(SY) oxytocin, 8-isoleucine-
(SY) oxytocin, 8-Ile-
(HM) OXYTOCIN/*analogs

mesotrypsin
(RN) EC 3.4.21.-
(HM) *TRYPSIN
(NO) MW 25,000; protease from zymogen in human pancreatic tissue & fluid; resistant to biological trypsin inhibitors

mesoxalonitrile
(RN) 1115-12-4
(SY) carbonyl cyanide
(HM) *NITRILES
(NO) minor descriptor (75-83); on-line & Index Medicus search NITRILES (75-83)

messenger ribonucleoprotein
(SY) mRNP
(HM) *RIBONUCLEOPROTEINS

messenger RNA, mitochondrial see mitochondrial messenger RNA

mestanolone
(RN) 521-11-9
(RR) 88495-36-7 ((5beta,17alpha)-isomer)
(RR) 29244-16-4 ((17beta)-isomer)
(RR) 3275-58-9 ((5beta,17beta)-isomer)
(SY) 17 alpha-methylandrostan-17 beta-ol-3-one
(SY) 17 beta-hydroxy-17-methyl-5 alpha-androstan-3-one
(SY) 17 alpha-methyl-17 beta-hydroxy-5 alpha-androstan-3-one
(SY) 17 alpha-methyl-5 alpha-dihydrotestosterone
(HM) STANOLONE/*analogs
(NO) non-virilizing androgenic steroid; RN given refers to (5alpha,17beta)-isomer; RN for cpd without isomeric designation not in Chemline 7/84; structure

mesudipine
(RN) 62658-88-2
(HM) NIFEDIPINE/*analogs
(PA) CALCIUM CHANNEL BLOCKERS
(NO) structure

mesulergine see CQ 32085

mesulfen
(RN) 135-58-0
(SY) thiotal
(SY) dimethyldiphenylenedisulfide
(HM) *HETEROCYCLIC COMPOUNDS
(HM) *DISULFIDES
(NO) used in therapy of scabies; structure

mesurpine
(RN) 7541-30-2
(RR) 7660-71-1 (HCl)
(SY) 2'-hydroxy-5'-(1-hydroxy-2-(4-methoxyphenethylamino)propyl) methanesulfonanilide
(SY) mesurpine hydrochloride
(HM) *PHENETHYLAMINES
(PA) VASODILATOR AGENTS
(NO) RN given refers to parent cpd

mesurpine hydrochloride see mesurpine

mesyl isopropyl lactate see methanesulfonyl isopropyl lactate

mesylphenacyrazine
(RN) 50648-51-6
(RR) 76713-14-9 (1-(14)C-labeled cpd maleate[1:1])
(RR) 43047-56-9 (unspecified maleate)
(SY) 1-(4-methanesulfonylphenacyl)-4-phenylpiperazine maleate
(SY) VUFB 8752
(HM) *PIPERAZINES
(PA) TRANQUILIZING AGENTS
(NO) RN given refers to maleate[1:1]; RN for parent cpd not in Chemline 7/84

meta-aminoacetophenone see 3-aminoacetophenone

meta-aminobenzamide see 3-aminobenzamide

meta-aminobenzoic acid see 3-aminobenzoic acid

meta-aminophenylboronic acid see 3-aminobenzeneboronic acid

meta-aminosalicylic acid see 5-aminosalicylic acid

meta-AMSA see m-AMSA

metabisulfite
(RN) 23134-05-6
(SY) metabisulphite
(HM) *SULFITES
(NO) see also related Na metabisulfite & K metabisulfite

metabisulphite see metabisulfite

metabolite M see 21-hydroxy-9beta,10alpha-pregna-5,7-diene-3-ol-20-one

meta-bromophenol see 3-bromophenol

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metabutetrol see NSC 297169

Metacaine see tricaine

metacetaldehyde see metaldehyde

metachlor see alachlor

meta-chlorobenzoate see 3-chlorobenzoic acid

meta-chloroperoxybenzoic acid see 3-chloroperbenzoic acid

meta-chlorophenylpiperazine see 1-(3-chlorophenyl)piperazine

metaclazepam
(RN) 84031-17-4
(SY) Ka 2527
(SY) Ka-2527
(SY) 7-bromo-5-(2'-chlorophenyl)-2,3-dihydro-2-(methoxyl)-1-methyl-1H-1,4-benzodiazepine.HCl
(SY) 1H-1,4-Benzodiazepine, 7-bromo-5-(2-chlorophenyl)-2,3-dihydro-2-methoxy-1-methyl-
(HM) *BENZODIAZEPINES

meta-coumaric acid see 3-coumaric acid

meta-cresol see 3-cresol

metacresol sulfonic acid polymer with formaldehyde see Negatan

metacresol sulfonic acid polymer with methanal see Negatan

metacresyl acetate see cresatin

meta-dinitrobenzene see 3-dinitrobenzene

metadoxine
(RN) 74536-44-0
(HM) *PYRROLIDONECARBOXYLIC ACID
(HM) *PYRIDOXINE
(HM) DRUG COMBINATIONS
(NO) combination of above cpds

meta-fluorobenzoic acid see 3-fluorobenzoic acid

meta-fluorocinnamate see 3-fluorocinnamic acid

meta-fluorophenylalanine see 3-fluorophenylalanine

5'-(meta-fluorosulfonylbenzoyl)uridine see 5'-(3-fluorosulfonylbenzoyl)uridine

meta-fluorotyrosine see 3-fluorotyrosine

metahexamide
(RN) 565-33-3
(RR) 71589-23-6 (monohydrate)
(HM) *SULFONYLUREA COMPOUNDS
(PA) HYPOGLYCEMIC AGENTS
(NO) major descriptor (64-83); on-line search SULFONYLUREA COMPOUNDS (64-83); Index Medicus search METAHEXAMIDE (64-83); RN given refers to parent cpd; structure

metahexestrol see NSC 297170

meta-hydroxymandelic acid see 3-hydroxymandelic acid

meta-hydroxyphenylacetic acid see 3-hydroxyphenylacetic acid

meta-hydroxyphenyl-3H-diazirine see 3-hydroxyphenyl-3H-diazirine

meta-hydroxyphenylglycol see 3-hydroxyphenylglycol

meta-hydroxyproquazone see 3-hydroxyproquazone

meta-hydroxytamoxifen see 3-hydroxytamoxifen

meta-iodobenzylguanidine see 3-iodobenzylguanidine

metalaxyl see ridomil

metaldehyde
(RN) 9002-91-9
(RR) 37273-91-9 (cpd with unspecified MF)
(SY) metacetaldehyde
(HM) ACETALDEHYDE/*analogs
(II) MOLLUSCACIDES
(NO) polymer of acetaldehyde

metallo-carboxypeptidase inhibitor (potato) see carboxypeptidase inhibitor (potato)

metallocene
(SY) metallocene dichloride
(HM) *ORGANOMETALLIC COMPOUNDS
(NO) metal deriv of cyclopentadiene

metallocene dichloride see metallocene

metalloendopeptidase see metalloproteinases

metallo-endoproteinase see metalloproteinases

metalloflavoproteins
(HM) *FLAVOPROTEINS
(HM) *METALLOPROTEINS

metalloproteinases
(RN) EC 3.4.24
(SY) Bacillus subtilis metalloproteinase
(SY) EM 19000
(SY) Streptococcus faecalis metalloendopeptidase
(SY) metalloendopeptidase
(SY) metallo-endoproteinase
(SY) zinc peptidases
(HM) *PEPTIDE PEPTIDOHYDROLASES
(PA) FIBRINOLYTIC AGENTS
(II) METALLOPROTEINS

metallothionein II hexacosapeptide 36-61
(RN) 86515-73-3
(SY) HMT II 36-61
(HM) *METALLOTHIONEIN
(HM) *PEPTIDE FRAGMENTS
(NO) C-terminal hexacosapeptide corresponding to residues 36-61 of human liver metallothionein II

meta-maleimidobenzoyl N-hydroxysuccinimide see 3-maleimidobenzoyl N-hydroxysuccinimide

meta-methylhippuric acid see 3-methylhippuric acid

metamfepramone
(RN) 15351-09-4
(SY) dimepropion
(SY) 2-(dimethylamino)propiophenone
(HM) *PROPIOPHENONES
(PA) SYMPATHOMIMETICS
(NO) RN given refers to parent cpd

metamid see nylon 6

metamidophos see methamidophos

metamizil
(RN) 57-36-3
(RR) 10503-18-1 (HCl)
(SY) beta-diethylaminopropylbenzilic acid ester.HCl
(SY) methylbenactyzine
(SY) metamyzil
(SY) methamisil
(HM) BENACTYZINE/*analogs
(PA) PARASYMPATHOLYTICS
(NO) RN given refers to parent cpd; structure

metampicillin see methampicillin

metamyzil see metamizil

metanil yellow
(RN) 4005-68-9
(RR) 587-98-4 (mono-Na salt)
(SY) sodium 3-((4-anilinophenyl)azo)benzenesulfonate
(HM) *AZO COMPOUNDS
(II) FOOD COLORING AGENTS
(II) DYES
(NO) RN given refers to parent cpd; structure

meta-nitrobenzeneboronic acid see 3-nitrobenzeneboronic acid

meta-nitrobenzoate see 3-nitrobenzoic acid

meta-nitrophenyl 3-piperidinecarboxylate HCl see 3-nitrophenyl 3-piperidinecarboxylate

meta-nitrotoluene see 3-nitrotoluene

metaphit
(RN) 96316-00-6
(SY) 1-(1-(3-isothiocyanatophenyl)cyclohexyl) piperidine
(HM) PHENCYCLIDINE/*analogs
(NO) site-directed acylating agent of phencyclidine receptors in rat brain; structure given in first source

metaphosphatase see endopolyphosphatase

metaphosphoric acid
(RN) 10343-62-1
(RR) 37267-86-0 (cpd with unknown MF)
(SY) phosphenic acid
(HM) *PHOSPHOROUS ACIDS
(NO) RN given refers to cpd with structure HPO3

metapramine
(RN) 21730-16-5
(SY) 19560-RP
(SY) 15-methyl-10-methylamino-10,11-dihydrodibenzo (b,f)-azepine
(HM) *DIBENZAZEPINES
(PA) ANTIDEPRESSIVE AGENTS, TRICYCLIC
(NO) structure

metaproterenol-3-O-sulfate
(RN) 88456-69-3
(SY) orciprenaline-3-O-sulfate
(HM) ORCIPRENALINE/*analogs
(NO) sulfate ester of orciprenaline found in urine; structure given in first source

metapyrocatechase see catechol-2,3-dioxygenase

metapyrone
(RN) 17286-92-9
(SY) 2-methyl-1,2(bis(pyridyl)-1-propanone
(HM) *PYRIDINES
(NO) inhibits adrenal 11 beta-hydroxylase

4-META resin
(RN) 82080-91-9
(HM) *ACRYLIC RESINS
(II) DENTAL MATERIALS
(II) ADHESIVES
(II) DENTAL CEMENTS
(NO) opaque resin based on 4-META monomer

meta-retinochrome see retinochrome

Metarhodopsin see metarhodopsin

metarhodopsin
(RN) 60383-01-9
(SY) metarhodopsin III
(SY) metarhodopsin II
(SY) metarhodopsins
(SY) metarhodopsin I
(SY) Metarhodopsin
(HM) *RHODOPSIN/analogs
(NO) unstable intermediate occurring during the bleaching of rhodopsin

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metarhodopsin I see metarhodopsin

metarhodopsin II see metarhodopsin

metarhodopsin III see metarhodopsin

metarhodopsins see metarhodopsin

Met-Asn-Tyr-Leu-Ala-Phe-Pro-Arg-Met-NH2 see small cardioactive peptide B

Met-Asp-Phe-NH2 see methionyl-aspartyl-phenylalaninamide

metasystox-R
(RN) 301-12-2
(SY) O,O-dimethyl S-(2-(ethylsulfinyl)ethyl) phosphorothioate
(SY) oxydemeton methyl
(SY) methyl demeton
(HM) *ORGANOPHOSPHORUS COMPOUNDS
(PA) INSECTICIDES, ORGANOTHIOPHOSPHATE

meta-tyramine see 3-tyramine

meta-tyrosine see 3-tyrosine

metavanadate
(RN) 13981-20-9
(RR) 7803-55-6 (NH4 salt)
(SY) sodium metavanadate
(SY) ammonium metavanadate
(HM) *VANADIUM
(NO) RN given refers to ion

meta-vinculin see vinculin-like protein

meta-xylene see 3-xylene

4-META see 4-methacryloxyethyltrimellitic acid anhydride

metbufen
(RN) 63472-04-8
(RR) 80832-53-7 (Zn salt)
(RR) 80832-52-6 (Ca salt)
(RR) 80832-51-5 (Na salt)
(SY) 3-(4-biphenylylcarbonyl)-2-methylpropionic acid
(HM) *PROPIONIC ACIDS
(PA) ANTI-INFLAMMATORY AGENTS

met-cyanomyoglobin see cyanometmyoglobin

4-methylumbelliferyl N-acetyl-chitotrioside see 4-methylumbelliferyl-N-acetyl-chitotrioside

Met-enk-A see enkephalin-Met, Arg(6)-

met-enk-AP see enkephalin-Met, Arg(6)-Phe(7)-

Met-enkephalin-acetaldehyde see enkephalin-Met, acetaldehyde-

Met-enkephalin-Ala(2) see enkephalin-Met, Ala(2)-

Met-enkephalinamide see enkephalinamide-Met-

Met-enkephalinamide-O-Ac-Ala(2)-N(2)-Me see metkephamid acetate

Met-enkephalinamide-Ala(2)-N(2)-Me see metkephamid

Met-enkephalinamide-Ala(2)-N-Me(5) see enkephalinamide-Met, Ala(2)-N-Me(5)-

Met-enkephalinamide-Ala(2) see enkephalinamide-Met, Ala(2)-

Met-enkephalinamide-metazocine see enkephalinamide, Met-metazocine-

Met-enkephalinamide-Tyr sulfate(1)-Ala(2) see enkephalinamide-Met, Tyr sulfate(1)-Ala(2)-

Met-enkephalin aminopeptidase see enkephalin degrading enzyme

Met-enkephalin-Arg-Arg-Val-Gly-Arg-Pro-Glu-Trp-Trp-Met-Asp-Tyr-Glu-Lys-Arg-Tyr-Gly see BAM 22P

Met-enkephalin-Arg(6)-Gly(7)-Leu(8)-Lys(9) see enkephalin-Met, Arg(6)-Gly(7)-Leu(8)-Lys(9)-

Met-enkephalin-Arg(6)-Gly(7)-Leu(8) see enkephalin-Met, Arg(6)-Gly(7)-Leu(8)-

Met-enkephalin-Arg(6)-PheNH(2)(7) see enkephalin-Met, Arg(6)-PheNH(2)(7)-

Met-enkephalin-Arg(6)-Phe(7) see enkephalin-Met, Arg(6)-Phe(7)-

Met-enkephalin-Arg(6) see enkephalin-Met, Arg(6)-

Met-enkephalin-4'-bromo-Phe(4) see enkephalin-Met, 4'-bromo-Phe(4)-

Met-enkephalin-des-Tyr(1) see enkephalin-Met, des-Tyr(1)-

Met-enkephalin-like substances see enkephalin-Met, like substances

Met-enkephalin-Lys(6) see enkephalin-Met, Lys(6)-

met-enkephalin receptors see methionine-enkephalin receptor

Met-enkephalin sulfoxide see enkephalin-Met, sulfoxide-

Met-enkephalin-tyrosine-O-sulfate see enkephalin-Met, tyrosine-O-sulfate

Met-enkephlin-Lys(6)-Arg(7) see enkephalin-Met, Lys(6)-Arg(7)-

Met-enk forming enzyme
(RN) EC 3.4.99.-
(SY) methionine enkephalin forming enzyme
(SY) enkephalin-generating enzyme
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) cleaves Met-Thr bond from beta-endorphin to form Met-enkephalin; forms Met-enkephalin from alpha-endorphin & Leu-enkephalin from synthetic precursor; has chymotrypsin-like, trypsin-like & glutamyl-carboxyl cleaving activity

Met-enk-L see enkephalin-Met, Lys(6)-

metepa
(RN) 57-39-6
(SY) tris(2-methyl-1-aziridinyl)phosphine oxide
(HM) *AZIRINES
(PA) MUTAGENS
(PA) CHEMOSTERILANTS
(NO) minor descriptor (72-82); online & Index Medicus search AZIRINES (72-82)

metet
(RN) 3736-05-8
(SY) 7 beta-methylthioethyltheophylline
(HM) THEOPHYLLINE/*analogs
(PA) ANTIHYPERTENSIVE AGENTS
(PA) HYPNOTICS AND SEDATIVES

methabenzthiazuron
(RN) 18691-97-9
(SY) N-(2-benzothiazolyl)-N,N'-dimethylurea
(SY) tribunil
(HM) *METHYLUREA COMPOUNDS
(PA) HERBICIDES, UREA

methacarn
(SY) methanol-Carnoy
(SY) Carnoy's-methanol
(HM) *ALCOHOL, METHYL
(HM) *CHLOROFORM
(HM) *ACETIC ACIDS
(II) FIXATIVES
(NO) methanol substituted for ethanol in Carnoy's soln

methacetin
(RN) 51-66-1
(RR) 60218-45-3 (14C-labeled cpd)
(SY) N-(4-methoxyphenyl)ace'amide
(HM) *ACETAMIDES
(NO) RN given refers to parent cpd

methacholine see acetyl-beta-methylcholine

methacholine bromide see acetyl-beta-methylcholine

methacholine chloride see acetyl-beta-methylcholine

methacil see 6-methyluracil

methacrylaldehyde
(RN) 78-85-3
(HM) *ACROLEIN/analogs

methacrylamide
(RN) 79-39-0
(HM) *ACRYLAMIDES

methacrylate maleate styrene copolymer
(RN) 65290-33-7
(SY) copolymer methacrylate, maleate, styrene
(SY) copolymer MMS
(HM) *POLYMETHACRYLIC ACIDS
(HM) *POLYSTYRENES
(II) ANIONS
(NO) synthetic amphipathic polyanion copolymer of methacrylate, maleate & styrene in 1:2:3 proportion

methacrylic acid
(RN) 79-41-4
(RR) 16809-88-4 (Ca salt)
(RR) 5536-61-8 (Na salt)
(SY) 2-methylacrylic acid
(HM) *METHACRYLATES
(NO) RN given refers to parent cpd

methacrylic acid 2-hydroxypropyl ester see 2-hydroxypropyl methacrylate

4-methacryloxyethoxycarbonylpropionyl-1,8-naphthalic anhydride see MEPNA 184

4-methacryloxyethyltrimellitic acid anhydride
(RN) 70293-55-9
(SY) 4-META
(HM) *METHACRYLATES
(NO) monomer used in 4-META resin; which is used as dental resin; structure given in first source

methacryloxypropyltrimethoxysilane
(RN) 2530-85-0
(SY) gamma-methacryloxypropyltrimethoxysilane
(SY) MAOPTMS
(HM) *METHACRYLATES
(HM) *SILANES
(II) COMPOSITE RESINS

methacryloyl fluoride-methyl methacrylate copolymer
(RN) 76624-12-9
(SY) MF-MMA copolymer
(HM) *POLYMETHACRYLIC ACIDS
(II) FLUORIDES, TOPICAL
(II) PIT AND FISSURE SEALANTS
(NO) fluoride containing sealant

methacryloyl-R-isocyanate see isocyanatomethacrylate

methacyne
(HM) CHOLINE/*analogs
(PA) CHOLINESTERASE INHIBITORS

methaemocyanin see methemocyanin

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methallenestril
(RN) 517-18-0
(RR) 20756-70-1 ((-)-isomer)
(RR) 20664-44-2 ((+)-isomer)
(RR) 15372-35-7 ((+-)-isomer)
(SY) vallestril
(HM) *NAPHTHALENES
(II) ESTROGENS, NON-STEROIDAL
(NO) RN given refers to parent cpd

methamidophos
(RN) 10265-92-6
(SY) O,S-dimethylphosphoroamidothioate
(SY) metamidophos
(SY) monitor
(HM) *ORGANOTHIOPHOSPHORUS COMPOUNDS
(PA) INSECTICIDES, ORGANOTHIOPHOSPHATE
(NO) structure

cis-methamilane methiodide see methamilane methiodide

methamilane methiodide
(RN) 4386-79-2
(RR) 16709-43-6 (iodide(cis)isomer)
(RR) 68737-69-9 (iodide(cis)-(+-)-isomer)
(RR) 52485-67-3 (iodide(trans)-isomer)
(RR) 21795-60-8 (iodide(2S-trans)-isomer)
(RR) 21795-59-5 (iodide(2S-cis)-isomer)
(RR) 19742-33-7 (iodide(2R-cis)-isomer)
(RR) 58325-79-4 ((2S-trans)-isomer)
(RR) 58316-49-7 ((2S-cis)-isomer)
(RR) 55703-53-2 ((cis)-isomer)
(RR) 24960-89-2 ((2R-cis)-isomer)
(RR) 58325-80-7 ((2R-trans)-isomer)
(SY) MDAMD
(SY) cis-2-methyl-4-(dimethylamino)methyl-1,3-dioxolane methiodide
(SY) cis-methamilane methiodide
(HM) *DIOXOLANES
(PA) PARASYMPATHOLYTICS
(NO) muscarinic agonist; RN given refers to iodide without isomeric designation

methamizil see metamizil

methampicillin
(RN) 6489-97-0
(RR) 59130-14-2 (Ca salt[2:1](2S-(2alpha,5alpha,6beta(S*)))-isomer)
(RR) 6489-61-8 (mono-Na salt(2S-(2alpha,5alpha,6beta(S*)))-isomer)
(SY) 6-(2-methyleneamino-2-phenylacetamido) penicillanic acid
(SY) metampicillin
(SY) suvipen
(SY) magnipen
(HM) AMPICILLIN/*analogs
(NO) RN given refers to parent cpd(2S-(2alpha,5alpha,6beta(S*)))-isomer; RN for cpd without isomeric designation not in Chemline 7/84

metham sodium see methyldithiocarbamate

Methanaminium, N-(9-(2-carboxy-4-thiocyanatophenyl)-6-(dimethylamino)-3H-xanthen-3-ylidene)-N-methyl-, chloride see tetramethylrhodamine isothiocyanate

methanearsonic acid see monomethylarsonic acid

methane base see N,N,N',N'-tetramethyl-4,4'-methylenedianiline

methane diphosphonate see methylene diphosphonate

methane monooxygenase
(RN) EC 1.14.13.-
(SY) methane monooxygenase component A
(HM) *OXYGENASES

methane monooxygenase component A see methane monooxygenase

methanesulfonamide
(RN) 3144-09-0
(HM) *SULFONAMIDES

methanesulfonate
(RN) 75-75-2
(RR) 2386-52-9 (Ag(1+) salt)
(RR) 59640-42-5 (Fe(3+)salt)
(RR) 57518-93-1 (Cr(2+) salt)
(RR) 56525-23-6 (Fe(2+) salt)
(RR) 55136-38-4 (Ni(2+) salt)
(RR) 55136-36-2 (Co(2+) salt)
(RR) 55136-34-0 (Cr(3+) salt
(RR) 54253-62-2 (Cu(2+) salt)
(RR) 22515-76-0 (NH3 salt)
(RR) 2386-57-4 (Na salt)
(RR) 2386-56-3 (K salt)
(SY) potassium methanesulfonate
(SY) methanesulfonic acid
(HM) *METHANESULFONATES
(NO) RN given refers to parent cpd

methanesulfonic acid see methanesulfonate

methanesulfonyl chloride
(RN) 124-63-0
(RR) 54375-80-3 (35Cl-labeled cpd)
(RR) 40477-82-5 (35S-labeled cpd)
(RR) 54375-81-4 (37Cl-labeled cpd)
(HM) *METHANESULFONATES
(NO) RN given refers to unlabeled cpd

methanesulfonyl fluoride
(RN) 558-25-8
(SY) methylsulfonylfluoride
(HM) *SULFONES
(PA) CHOLINESTERASE INHIBITORS
(NO) structure

methanesulfonyl isopropyl lactate
(RN) 93281-24-4
(SY) mesyl isopropyl lactate
(SY) MSIPL
(HM) *LACTATES
(NO) causes contact dermatitis; structure given in first source

1-methanesulfonyl-3-(1-methyl-5-nitroimidazol-2-yl)-2-imidazolidinone see Go 10213

1-(4-methanesulfonylphenacyl)-4-phenylpiperazine maleate see mesylphenacyrazine

methanethiol see methylmercaptan

Methanetriol, mixt. with corticosteroids and diiodo-5-methyl-2-(1-methylethyl)phenol see endomethasone

4,6-Methano-5H-benz(h)oxazolo(3,2-a)pyrazino(3,2,1-de)(1,5)naphthyridine-7-carbonitrile, 1,2,3a,4,4a,6,7,9,10,13,13b,13c-dodecahydro-9-(hydroxymethyl)-11-methoxy-5,12-dimethyl-10,13-dioxo- see cyanonaphthyridinomycin

9-O-methano-6 beta-PGI1 see 9-O-methanoprostaglandin I

methanofuran see carbon dioxide reduction factor

methanohexohydroisoindoline ethylguanidine hemisulfate see 865-123

methanol-Carnoy see methacarn

methanol-coenzyme M methyltransferase see methanol-2-mercaptoethanesulfonic acid methyltransferase

methanol dehydrogenase see alcohol dehydrogenase (acceptor)

5,6-methanoleukotriene A4
(RN) 83213-62-1
(RR) 81738-11-6 ((1alpha,2beta(1E,3E,5Z,8Z))-isomer)
(RR) 81633-13-8 ((1alpha,2beta(1E,3E,5Z,8Z))-(+-)-isomer)
(RR) 83213-61-0 ((1R-(1alpha,2alpha(1E,3E,5Z,3Z)))-isomer)
(HM) *ARACHIDONIC ACIDS
(NO) stable analog of leukotriene A4; RN given refers to cpd without isomeric designation

methanol-extraction residue see MER

methanol-5-hydroxybenzimidazolylcobamide methyltransferase
(RN) Ec 2.1.1.-
(SY) B12-HBI methyltransferase
(HM) *METHYLTRANSFERASES

methanol-2-mercaptoethanesulfonic acid methyltransferase
(RN) EC 2.1.1.-
(SY) methanol-coenzyme M methyltransferase
(HM) *METHYLTRANSFERASES
(NO) catalyzes first reaction in conversion of methanol to methane by Methanosarcina barkeri

methanol oxidase
(RN) EC 1.1.99.-
(HM) *ALCOHOL OXIDOREDUCTASES
(NO) contains FAD and flavin semiquinone; from the yeast Hansenula polymorpha

9-O-methano-PGI1 see 9-O-methanoprostaglandin I

9-O-methanoprostaglandin I
(SY) 9-O-methano-PGI1
(SY) 9-O-methano-6 beta-PGI1
(HM) *PROSTAGLANDINS X
(II) PROSTAGLANDINS, SYNTHETIC
(NO) shows weak inhibitory activity in rabbit platelet aggregation induced by ADP

methanopterin
(RN) 79484-89-2
(HM) *PTERINS
(NO) isolated from Methanobacterium thermautotrophicum

methanopyranorin see cyclocumarol

methanotetramethrin
(RN) 88108-86-5
(SY) 2,2-dimethyl-3-(2,2-dimethylcyclopropyl) cyclopropanecarboxylic acid, ester with N-(hydroxymethyl)-1-cyclohexene-1,2-dicarboximide
(HM) *PYRETHRINS
(PA) INSECTICIDES
(NO) cis-tetramethrin analog with 2-methyl-1-propenyl group replaced by 2,2-dimethylcyclopropyl group; structure given in first source

methaphenilene
(RN) 493-78-7
(RR) 7084-07-3 (HCl)
(HM) METHAPYRILENE/*analogs
(NO) RN given refers to parent cpd

methaqualone-1-oxide
(RN) 2385-41-3
(SY) MQNO
(HM) METHAQUALONE/*analogs
(NO) structure given in first source

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metharmon F
(RN) 92526-19-7
(SY) Androst-4-ene-3,17-dione, mixt. with (17beta)-17-hydroxyandrost-4-en-3-one, 3-hydroxyestra-1, 3,5(10)-trien-17-one, (3beta)-3-hydroxypregn-5-en-20-one and thyroid hormones
(HM) *PREGNENOLONE
(HM) *ANDROSTENEDIONE
(HM) *TESTOSTERONE
(HM) *ESTRONE
(HM) *5-ANDROSTENE-3,17-DIOL
(HM) *THYROID GLAND, DESICCATED
(HM) DRUG COMBINATIONS
(NO) combination of above cpds; used for postmenopausal women with climacteric symptoms

methasol fast blue see luxol fast blue MBS

methasquin
(RN) 18921-70-5
(RR) 18921-69-2 (di-Na salt)
(SY) N-(4-((2,4-diamino-5-methyl-6-quinazolinyl) methyl)amino)benzoyl)-L-aspartic acid
(HM) ASPARTIC ACID/*analogs
(PA) FOLIC ACID ANTAGONISTS
(NO) folic acid antagonist that has been used in the treatment of experimental leukemia; acts by inhibiting the dihydrofolate reductase in the cell; minor descriptor (75-85); on-line & Index Medicus search ASPARTIC ACID/AA (75-85); RN given refers to parent cpd

metha-p-toluenesulfonate N-cyclohexyl-N'-(2-morpholinyl(4)ethyl)carbodiimide see 1-cyclohexyl-3-(2-morpholinoethyl)carbodiimide metho-4-toluenesulfonate

metha-4-toluenesulfonate N-cyclohexyl-N'-(2(morpholin-4-yl)ethyl)carbodiimide see 1-cyclohexyl-3-(2-morpholinoethyl)carbodiimide metho-4-toluenesulfonate

methazid
(RN) 1707-15-9
(HM) ISONIAZID/*analogs
(NO) major descriptor (66-85); on-line search ISONIAZID/AA (66-85); Index Medicus search METHAZID (66-85)

methazole
(RN) 20354-26-1
(SY) bnoxone
(SY) Probe
(SY) VSC-438
(SY) Tunic
(SY) VCS-438
(HM) *OXADIAZOLES
(PA) HERBICIDES
(NO) structure

methazoxymethanol see methylazoxymethanol

met-HbS see methemoglobin, sickle

methdilazine
(RN) 1982-37-2
(RR) 1229-35-2 (HCl)
(HM) *PHENOTHIAZINES
(PA) HISTAMINE H1 RECEPTOR BLOCKADERS

methemerythrin
(HM) *HEMERYTHRIN

methemocyanin
(SY) methaemocyanin
(HM) *HEMOCYANIN

methemoglobin Bart's see hemoglobin Bart's

methemoglobin fluoride
(HM) METHEMOGLOBIN/*analogs

methemoglobin, sickle
(SY) met-HbS
(HM) *HEMOGLOBIN, SICKLE

methenamine hippurate
(RN) 5714-73-8
(SY) hexamine hippurate
(SY) hiprex
(SY) urex
(HM) METHENAMINE/*analogs
(HM) *HIPPURATES
(PA) ANTI-INFECTIVE AGENTS, URINARY
(NO) both parts of molecule contribute to its antibacterial action

methenamine mandelate see mandelamine

METH-ENK-LS see enkephalin-Met, like substances

methenolone acetate
(RN) 434-05-9
(RR) 49566-70-3 ((17beta)-isomer)
(HM) METHENOLONE/*analogs
(NO) RN given refers to (5alpha,17beta)-isomer; RN for cpd without isomeric designation not in Chemline 7/84; structure in Negwer, 5th ed, #5015

methenolone enanthate
(RN) 303-42-4
(RR) 73803-50-6 ((17alpha)-isomer)
(RR) 73803-51-7 ((17beta)-isomer)
(SY) Primobolan depot
(SY) methenolone oenanthate
(HM) METHENOLONE/*analogs
(NO) for treatment of aplastic anemia; RN given refers to (5alpha,17beta)-isomer; RN for cpd without isomeric designation not in Chemline 7/84; structure in Negwer, 5th ed, #5625

methenolone oenanthate see methenolone enanthate

methenyltetrahydrofolate cyclohydrolase
(RN) EC 3.5.4.9
(RR) 9027-97-8 (CRN)
(SY) 5,10-methenyltetrahydrofolate cyclohydrolase
(HM) *AMINOHYDROLASES

5,10-methenyltetrahydrofolate cyclohydrolase see methenyltetrahydrofolate cyclohydrolase

5,10-methenyltetrahydrofolate synthetase
(RN) EC 6.3.3.2
(HM) *LIGASES

5,10-methenyltetrahydrofolate
(RN) 7444-29-3
(SY) anhydroleucovorin
(HM) *TETRAHYDROFOLATES

5,11-methenyltetrahydrohomofolate
(RN) 77921-44-9
(SY) 5,11-MTHF
(HM) FOLIC ACID/*analogs
(PA) FOLIC ACID ANTAGONISTS

5,10-methenyl-5,6,7,8-tetrahydromethanopterin
(SY) MTHMPT
(HM) *PTERINS

5-Me-THF(Glu)3 see 5-methyltetrahydrofolate triglutamate

5-Me-THF(Glu)5 see 5-methyltetrahydropteroylpentaglutamate

methiadene see medosulepine

methidathion
(RN) 950-37-8
(SY) GS 13005
(SY) Supracide
(SY) O,O-dimethyl S-(2-methoxy-1,3,4-thiadiazole-5)-(4H)-onyl-(4)-methylphosphorodithioate
(SY) S-(5-methoxy-2-oxo-1,3,4-thiadiazol-3-(2H)-yl) O,O-dimethylphosphorodithioate
(HM) *ORGANOTHIOPHOSPHORUS COMPOUNDS
(PA) INSECTICIDES, ORGANOTHIOPHOSPHATE
(NO) widely used on citrus, tobacco, alfalfa, cotton, sorghum & several other crops

methidiumpropyl-EDTA-iron(II)
(SY) MPE-Fe
(HM) EDTA/*analogs
(II) IRON CHELATES
(NO) cleaves chromatin & double helical DNA

methiin
(RN) 4740-94-7
(RR) 56816-70-7 ((DL-Ala)-isomer)
(RR) 32726-14-0 ((L-Ala)-(S)-isomer)
(RR) 6853-87-8 ((L-Ala)-isomer)
(RR) 3226-62-8 ((L-Ala)-(R)-isomer)
(SY) S-methylcysteine sulfoxide
(SY) kale anemia factor
(HM) CYSTEINE/*analogs
(NO) distributed in Liliaceae(garlic, onions, etc.) & Cruciferae (cabbage, radish, etc.); one of greater sources of sulfur-containing amino acids in Japan; studied for nutritional value; increased splenic iron decrease erythrocyte counts; RN given refers to cpd without isomeric designation

methimidol
(RN) 1615-15-2
(RR) 23217-61-0 (mono-HCl)
(SY) 1-(2'-hydroxyethyl)-2-methylimidazole hydrochloride
(HM) *IMIDAZOLES
(PA) ANTI-INFECTIVE AGENTS
(NO) leptospirocidal agent; RN given refers to parent cpd

methindione
(RN) 20915-57-5
(RR) 23780-36-1 (HCl)
(RR) 59209-66-4 (tosylate)
(SY) 2-ethyl-2-methylamino-1,3-indanedione hydrochloride
(SY) metindion
(HM) *INDANS
(PA) ANTICONVULSANTS
(NO) used in treatment of epilepsy; RN given refers to parent cpd; structure

methional
(RN) 3268-49-3
(SY) 3-(methylthio)propionaldehyde
(SY) methylmercaptopropionaldehyde
(HM) *ALDEHYDES
(PA) PROSTAGLANDIN ANTAGONISTS

L-methioninase see L-methionine gamma-lyase

methionine acetyltransferase
(RN) EC 2.3.1.-
(HM) *ACETYLTRANSFERASES
(NO) catalyzes the amino-terminal acetylation

L-methionine alpha-deamino gamma-mercaptomethane-lyase see L-methionine gamma-lyase

methionine aminopeptidase
(RN) EC 3.4.11.-
(HM) *AMINOPEPTIDASES

methionine dethiomethylase see L-methionine gamma-lyase

methionine elongator tRN', see tRNA(m)(Met), methionine-

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methionine enkephalin-acetaldehyde see enkephalin-Met, acetaldehyde-

methionine enkephalin-2-alanine see enkephalin-Met, Ala(2)-

methionine enkephalinamide see enkephalinamide-Met-

methionine enkephalinamide-O-acetyl-2-alanyl-2-N- methyl see metkephamid acetate

methionine enkephalinamide-2-alanine see enkephalinamide-Met, Ala(2)-

methionine enkephalinamide-2-alanyl-2-N-methyl see metkephamid

methionine enkephalinamide-2-alanyl-5-N-methyl see enkephalinamide-Met, Ala(2)-N-Me(5)-

methionine enkephalinamide-metazocine see enkephalinamide, Met-metazocine-

methionine enkephalinamide-1-tyrosine sulfate-2- alanine see enkephalinamide-Met, Tyr sulfate(1)-Ala(2)-

methionine enkephalin-6-arginine see enkephalin-Met, Arg(6)-

methionine enkephalin-6-arginyl-7-glycyl-8-leucine see enkephalin-Met, Arg(6)-Gly(7)-Leu(8)-

methionine enkephalin-6-arginyl-7-glycyl-9-leucyl-9- lysine see enkephalin-Met, Arg(6)-Gly(7)-Leu(8)-Lys(9)-

methionine enkephalin-6-arginyl-7-phenylalaninamide see enkephalin-Met, Arg(6)-PheNH(2)(7)-

methionine enkephalin-6-arginyl-7-phenylalanine see enkephalin-Met, Arg(6)-Phe(7)-

methionine enkephalin-6,7-arginyl-8-valinamide see adrenorphin

methionine enkephalin-6,7-arginyl-8-valyl-9-glycyl-10-arginyl-11-prolyl-12-glutamic acid see BAM 12P

methionine enkephalin-4-(4'-bromophenylalanine) see enkephalin-Met, 4'-bromo-Phe(4)-

methionine enkephalin-1-detyrosine see enkephalin-Met, des-Tyr(1)-

methionine enkephalin forming enzyme see Met-enk forming enzyme

methionine enkephalin-like substances see enkephalin-Met, like substances

methionine enkephalin-6-lysine see enkephalin-Met, Lys(6)-

methionine enkephalin-6-lysyl-7-arginine see enkephalin-Met, Lys(6)-Arg(7)-

methionine-enkephalin receptor

(SY) met-enkephalin receptors
(SY) receptor, methionine(5)-enkephalin
(SY) enkephalin, Met(5)-Arg(6)-Phe(7) receptor
(HM) *RECEPTORS, ENDORPHIN
(II) ENKEPHALIN, METHIONINE

methionine enkephalin sulfoxide see enkephalin-Met, sulfoxide-

methionine enkephalin-tyrosine-O-sulfate see enkephalin-Met, tyrosine-O-sulfate

methionine ethyl ester

(RN) 452-95-9
(RR) 3082-77-7 ((L)-isomer)
(RR) 6297-53-6 (HCl(DL)-isomer)
(RR) 2899-36-7 (HCl(L)-isomer)
(HM) METHIONINE/*analogs
(NO) RN given refers to (DL)-isomer; RN for cpd without isomeric designation not in Chemline 8/2/83

L-methionine gamma-lyase

(RN) EC 4.4.1.11
(RR) 42616-25-1 (CRN)
(SY) L-methionine alpha-deamino gamma-mercaptomethane-lyase
(SY) methionine dethiomethylase
(SY) L-methioninase
(HM) *SULFHYDRASES

methionine hydroxy analog see alpha-hydroxy-gamma-methylmercaptobutyric acid

methionine methyl ester

(SY) methyl methionine
(HM) METHIONINE/*analogs

methionine sulfone

(RN) 1118-85-0
(RR) 7314-32-1 ((S)-isomer)
(RR) 60383-86-0 (35S-labeled cpd(+-)-isomer)
(RR) 820-10-0 ((+-)-isomer)
(HM) METHIONINE/*analogs
(NO) RN given refers to unlabeled parent cpd without isomeric designation

methionine sulfoxide

(RN) 454-41-1
(RR) 62697-73-8 ((+-)-isomer)
(RR) 60409-10-1 (35S-labeled cpd(+-)-isomer)
(RR) 50896-98-5 ((S-(R*,S*))-isomer)
(RR) 21056-56-4 ((2R)-isomer)
(RR) 3226-66-2 ((R-(R*,S*))-isomer)
(RR) 3226-65-1 ((2S)-isomer)
(HM) METHIONINE/*analogs
(NO) RN given refers to cpd without isomeric designation

methionine sulfoxide enkephalinamide-2-alanine see enkephalinamide-Met sulfoxide, Ala(2)-

methionine sulfoxide reductase

(RN) EC 1.-
(HM) *OXIDOREDUCTASES

L-methionine transaminase see leucine aminotransferase

methionine-tRNA deacylase see methionyl-tRNA-Met-f deacylase

methionine-tRNA(f)(Met) see tRNA(f)(Met), methionine-

methionine-tRNA(m)(Met) see tRNA(m)(Met), methionine-

methioninyl adenylate

(RN) 13091-93-5
(HM) ADENOSINE MONOPHOSPHATE/*analogs
(HM) METHIONINE/analogs
(PA) METHIONYL T RNA SYNTHETASE/antag
(NO) RN given refers to (S)-isomer; RN for cpd without isomeric designation not in Chemline 7/84

methionyl-asparaginyl-tyrosyl-leucyl-alanyl-phenylalanyl-prolyl-arginyl-methioninamide see small cardioactive peptide B

methionyl-aspartyl-phenylalaninamide

(RN) 5934-92-9
(RR) 63229-05-0 (mono(trifluoroacetate))
(SY) Met-Asp-Phe-NH2
(SY) MAPN
(SY) gastrin (13-15)
(HM) *OLIGOPEPTIDES
(NO) C-terminal fragment of gastrin; RN given refers to (all-L)-isomer; RN for cpd without isomeric designation not in Chemline 1/19/84

methionyl human growth hormone see somatotropin, methionyl

methionyl-leucyl-phenylalanine

(RN) 59881-08-2
(SY) Met-Leu-Phe
(HM) N-FORMYLMETHIONINE LEUCYL-PHENYLALANINE/*analogs
(NO) RN given refers to all (L)-isomer; RN for cpd without isomeric designation not in Chemline 8/84

methionyl-leucyl-phenylalanyl-isoleucyl-lysyl-arginyl-seryl-arginyl-histidyl-phenylalanine

(SY) Met-Leu-Phe-Ile-Lys-Arg-Ser-Arg-His-Phe
(SY) MLPILASAHP
(SY) C-MT peptide
(HM) *OLIGOPEPTIDES
(PA) PHOSPHOLIPASES/antag
(II) ANTIGENS, VIRAL, TUMOR
(NO) C terminus of middle-sized tumor antigen of polyoma virus

methionyl-lysine bradykinin see bradykinin, Met-Lys-

methionylmethionine

(RN) 52715-93-2
(RR) 7349-78-2 ((L-Met-L-Met)-isomer)
(SY) DL-methionylmethionine
(SY) Met-Met
(HM) *DIPEPTIDES
(NO) has growth-promoting ability equal to DL-methionine; RN given refers to (DL-Met-DL-Met)-isomer; RN for cpd without isomeric designation not in Chemline 8/4/83

DL-methionylmethionine see methionylmethionine

methionyl-methionyl-methionyl see trimethionine

2-methionyl-5-para-nitrophenylalanyl-5-prolinamide enkephalin see BW 942C

2-methionyl-5-prolinamide enkephalin see enkephalin, Met(2)-ProNH(2)(5)-

methionylpuromycin

(RN) 6042-08-6
(SY) Met-Pur
(HM) PUROMYCIN/*analogs

methionyl-somatotropin see somatotropin, methionyl

methionyl-tRNA see tRNA(m)(Met), methionine-

methionyl-tRNA formylasse see methionyl-tRNA formyltransferase

methionyl-tRNA formyltransferase

(RN) EC 2.1.2.9
(SY) transformylase
(SY) methionyl-tRNA transformylase
(SY) methionyl-tRNA formylasse
(HM) *ACYLTRANSFERASES

methionyl-tRNA-Met-f deacylase

(RN) EC 2.3.2.-
(SY) methionine-tRNA deacylase
(SY) Met-tRNA(f) deacylase
(SY) FMet-tRNA(f) deacylase
(HM) *ACYLTRANSFERASES

methionyl-tRNA(f)(Met) see tRNA(f)(Met), methionine-

methionyl-tRNA(m)(Met) see tRNA(m)(Met), methionine-

methionyl-tRNA transformylase see methionyl-tRNA formyltransferase

methionyl-tyrosyl-lysine
(RN) 73674-95-0
(SY) Met-Tyr-Lys
(HM) *OLIGOPEPTIDES
(NO) tripeptide from spinal cord & dorsal root of sheep ganglia; RN given refers to (L-Met-L-Tyr-L-Lys)-isomer; RN for cpd without isomeric designation not in Chemline 7/84

methioprim see metioprim

methixene
(RN) 4969-02-2
(RR) 1553-34-0 (HCl)
(RR) 7081-40-5 (HCl monohydrate)
(SY) metixene
(SY) 1-methyl-3-(thioxanthen-9-ylmethyl)- piperidine. HCl
(SY) tremarit
(HM) *THIOXANTHENES
(PA) ANTIPARKINSON DRUGS
(PA) PARASYMPATHOLYTICS
(NO) RN given refers to parent cpd; structure

methochlorpromazine
(RN) 19077-31-7
(RR) 362-02-7 (iodide)
(RR) 19694-29-2 (chloride)
(RR) 54245-43-1
(N,N-dimethyl-N-methyl-11C-labeled cpd iodide)
(SY) chlorpromazine methiodide
(SY) Q-CPZ
(SY) quaternary-chlorpromazine
(SY) N-methyl chlorpromazine
(SY) SKF 2680J
(SY) SK&F 2680-J
(HM) CHLORPROMAZINE/*analogs
(NO) RN given refers to parent cpd

methodichlorophen
(RN) 7761-45-7
(RR) 59921-68-5 (HCl)
(SY) BW 1970
(SY) BW 50,197
(SY) DDMP
(SY) metoprine
(SY) 2,4-diamino-5-(3',4'-dichlorophenyl)-6-methylpyrimidine
(HM) PYRIMETHAMINE/*analogs
(PA) ANTINEOPLASTIC AGENTS
(PA) FOLIC ACID ANTAGONISTS
(NO) RN given refers to parent cpd

methophenazine see metofenazate

methopromazine
(RN) 61-01-8
(RR) 17449-14-8 (maleate[1:2])
(RR) 3403-42-7 (maleate[1:1])
(SY) methoxypromazine
(HM) *PHENOTHIAZINES
(PA) PHENOTHIAZINE TRANQUILIZERS
(NO) RN given refers to parent cpd; structure

methopyranorin see cyclocumarol

methotrexate-alpha glutamate
(RN) 71074-49-2
(SY) MeAPA-Glu-Glu
(HM) METHOTREXATE/*analogs
(HM) *GLUTAMATES
(NO) structure given in first source

methotrexate-alpha-monoamide
(RN) 71074-47-0
(SY) N-(N'-(2,4-diamino-6-pteridinyl)methyl-N'-methyl-4-aminobenzoyl)-L-isoglutamine
(HM) METHOTREXATE/*analogs
(NO) RN given refers to (S)-isomer; RN for cpd without isomeric designation not in Chemline 5/84; structure given in first source

methotrexate carrier protein see methotrexate transporter

methotrexate-gamma-aspartate
(RN) 64801-58-7
(HM) METHOTREXATE/*analogs
(PA) ANTINEOPLASTIC AGENTS
(NO) used in antibody targeted liposomes

methotrexate-gamma-monoamide
(RN) 64801-56-5
(SY) N-(N'-(2,4-diamino-6-pteridinyl)methyl-N'-methyl-4-aminobenzoyl)-L-glutamine
(HM) METHOTREXATE/*analogs
(NO) RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 5/84; structure given in first source

methotrexate-homocysteic acid
(SY) homocysteic acid-methotrexate
(SY) 4-amino-4-deoxy-N-10-methylpteroyl-homocysteic acid
(SY) MAPA-HCys
(HM) METHOTREXATE/*analogs

methotrexate-human serum albumin see methotrexate-serum albumin

methotrexate N-hydroxysuccinimide ester
(SY) MTX-OHS
(HM) METHOTREXATE/*analogs
(NO) irreversible inhibitor of methotrexate transport in L1210 cells

methotrexate polyglutamate
(HM) METHOTREXATE/*analogs
(HM) *POLYGLUTAMIC ACID/analogs

methotrexate-polylysine
(RN) 68378-41-6
(HM) METHOTREXATE/*analogs
(HM) POLYLYSINE/*analogs
(NO) conjugate of above two cpds; enhances cellular uptake of methotrexate

methotrexate-serum albumin
(SY) methotrexate-human serum albumin
(SY) MTX-HSA
(HM) *METHOTREXATE
(HM) *SERUM ALBUMIN

methotrexate transporter
(SY) methotrexate carrier protein
(HM) *CARRIER PROTEINS
(II) METHOTREXATE

methotrimeprazine sulfoxide
(RN) 7052-08-6
(SY) levopromazine sulfoxide
(HM) METHOTRIMEPRAZINE/*analogs
(NO) structure given in first source

methoxatin
(RN) 72909-34-3
(SY) 4,5-dihydro-4,5-dioxo-1-H-pyrrolo(2,3-f) quinoline-2,7,9-tricarboxylic acid
(SY) 2,7,9-tricarboxy-1H-pyrrolo(2,3-f)quinoline-4,5-dione
(SY) pyrrolo-quinoline quinone
(HM) *QUINOLINES
(II) COENZYMES
(NO) coenzyme or prosthetic group of alcohol dehydrogenases found in methane- and methanol-oxidizing bacteria; RN & NI from CA Vol 92 Form Index

methoxine
(RN) 4385-91-5
(RR) 7757-91-7 (Ca[2:1] salt)
(RR) 3311-01-1 ((L)-isomer)
(RR) 2598-48-3 ((DL)-isomer)
(SY) methoxinine
(SY) O-methylhomoserine
(HM) HOMOSERINE/*analogs
(NO) oxa-analog of methionine; RN given refers to parent cpd without isomeric designation

methoxinine see methoxine

methoxuron see dosanex

3-methoxyacetaminophen
(RN) 3251-55-6
(HM) ACETAMINOPHEN/*analogs

methoxyacetate
(RN) 625-45-6
(RR) 50402-70-5 (Na salt)
(RR) 52009-13-9 (Ca salt)
(SY) methoxyacetic acid
(HM) *ACETIC ACIDS
(NO) RN given refers to parent cpd

methoxyacetic acid see methoxyacetate

4-methoxyacetophenone see 4-acetylanisole

2-methoxy-N,alpha-dimethylphenethylamine see methoxyphenamine

methoxyamine
(RN) 67-62-9
(RR) 593-56-6 (HCl)
(SY) O-methylhydroxylamine
(SY) methoxylamine
(HM) *HYDROXYLAMINES
(NO) analytical reagent for aldehydes and ketones; strong irritant, can probably produce methemoglobinemia; RN given refers to parent cpd; structure

3-methoxy-4-aminoazobenzene
(RN) 3544-23-8
(SY) 3-MeO-AAB
(HM) *P-AMINOAZOBENZENE/analogs
(PA) CARCINOGENS

4-methoxy-6-aminopyrimido(4,5-b)(1,4)thiazine see tomizine

4-methoxy-6-aminopyrimido(4,5-b)(1,4) see tomizine

methoxyaprindine1,3-Propanediamine, N-(2,3-dihydro-1-methoxy-1H-inden-2-yl)-N',N'-diethyl-N-phenyl- see moxaprindine

N-(2-methoxy-6-azidoacridin-9-yl)-N'-(4- azidobenzoyl)cystamine
(SY) MAAAC
(HM) *AZIDES
(II) CROSS-LINKING REAGENTS
(NO) cleavable photo-cross linking reagent; structure given in first source

3-methoxybenzamide
(RN) 5813-86-5
(HM) *BENZAMIDES
(NO) inhibitor of poly ADP ribose synthetase; RN in 9th CI Form Index for conjugate monoacid: 53986-92-6

methoxybenzanthrone
(RN) 6535-67-7
(HM) *BENZANTHRACENES
(NO) RN given refers to 2-methoxybenzanthrone; RN for 3-methoxybenzanthrone: 3688-79-7

3-methoxybenzanthrone
(RN) 3688-79-7
(HM) *BENZANTHRACENES
(NO) fluorescent probe

4-methoxybenzeneselenol
(RN) 37773-20-9
(SY) para-methoxybenzeneselenol
(HM) *ANISOLES
(HM) *SELENIUM
(NO) inhibits azoxymethane-induced colon & kidney carcinogenesis in famale rats

methoxybenzimidazole-2-carbamic acid see mecarzole

4-methoxybenzoate monooxygenase (O-demethylating)
(RN) EC 1.14.99.15
(SY) NADH-putidamonooxin oxidoreductase
(SY) veratrate 4-O-demethylase
(HM) *OXIDOREDUCTASES, O-DEMETHYLATING
(NO) veratrate is demethylated to vanillic acid

6-methoxybenzoxazolinone
(RN) 532-91-2
(SY) coixol
(HM) *BENZOXAZOLES
(NO) plant derivative which stimulates reproduction in Microtus montanus

1-(4-methoxybenzoyl)-2-pyrrolidinone see aniracetam

4-methoxybenzylaminodecamethylene guanidine
(SY) MBAMG
(HM) *GUANIDINES
(PA) ADENOSINE DIPHOSPHATE RIBOSE/antag

3-(4-methoxybenzylamino)-4-hydroxy-alpha-(tert-butylaminomethyl)benzyl alcohol.HCl see QH 25

4-methoxy beta-naphthylamine see 4-methoxy-2-naphthylamine

4-methoxy-2,2'-bipyrrole-5-carboxaldehyde
(RN) 10476-41-2
(HM) PRODIGIOSIN/*analogs
(NO) prodigiosin precursor

4-(5-methoxy-7-bromobenzofuranyl)-2-piperidine see CGP 11305 A

4-methoxy-6-((1-butyl)heptyl)-2H-pyran-2- one
(RN) 90632-47-6
(SY) 4-MOBHP
(HM) *PYRONES
(PA) PANCREATOPEPTIDASE/antag
(NO) structure given in first source

2-(3'-(methoxycarbonylamino)phenyl)-3-phenyl-6-methoxycarbonylamino-4-(3H)-quinazolone see NSC 251635

methoxycarbonyl CoA disulfide see methoxycarbonyl-coenzyme A disulfide

methoxycarbonyl coenzyme A disulfide see methoxycarbonyl-coenzyme A disulfide

methoxycarbonyl-coenzyme A disulfide
(RN) 72205-57-3
(SY) methoxycarbonyl CoA disulfide
(SY) methoxycarbonyl coenzyme A disulfide
(HM) COENZYME A/*analogs
(II) SULFHYDRYL REAGENTS

2-methoxycarbonyl-3-phenyltropane see troparil

2-methoxy-6-chloro-9-aminoacridinyl-N-pentamethylene tetrathymidylic acid
(RN) 91401-15-9
(SY) (Tp)4(Ch2)5Acr
(HM) *OLIGODEOXYRIBONUCLEOTIDES
(HM) *AMINACRINE/analogs
(NO) RN given from first source. RN not in Chemline 9/85; structure given in first source

2-methoxy-7-chloro-10-(3',5'-bis(pyrrolin-1-ylmethyl)-4'-hydroxyphenylamino)benzo(b)-1,5-naphthyridine see pyronaridine

8-methoxy-2'-chloro-PAT see 8-methoxy-2-(N-2'-chloropropyl-N-propyl)aminotetralin

3-methoxy-5-(p-chlorophenyl)phenylacetic acid see DKA 9

8-methoxy-2-(N-2'-chloropropyl-N-propyl) aminotetralin
(SY) 8-methoxy-2'-chloro-PAT
(HM) *2-NAPHTHYLAMINE/analogs
(PA) SEROTONIN ANTAGONISTS
(NO) blocks irreversibly the central serotonin binding sites; structure given in first source

2-methoxy-2,4,6-cycloheptatrienone see 2-methoxytropolone

N(4)-methoxycytosine
(RN) 20555-89-9
(HM) CYTOSINE/*analogs

3-methoxy-O-demethyleincainide see MJ 14030

N(4)-methoxydeoxycytidine 5'-phosphate
(SY) N(4) MO-dCMP
(HM) *DEOXYCYTOSINE NUCLEOTIDES

N(4)-methoxydeoxycytidine triphosphate
(SY) N(4) MO-dCTP
(HM) *DEOXYCYTOSINE NUCLEOTIDES

9-methoxy-4,5-dihydrobenzo(a)pyrene-4,5-diol see 9-methoxy-4,5-dihydroxy-4,5-dihydrobenzo(a)pyrene

9-methoxy-4,5-dihydroxy-4,5-dihydrobenzo (a)pyrene
(RN) 87771-55-9
(SY) 9-methoxy-4,5-dihydrobenzo(a)pyrene-4,5-diol
(SY) 9-MDD-benzo(a)pyrene
(HM) *BENZOPYRENES
(NO) structure given in first source

2-methoxy-7,12-dimethylbenz(a) anthracene
(RN) 66240-30-0
(SY) 2-methoxy-DMBA
(HM) 9,10-DIMETHYL-1,2-BENZANTHRACENE/*analogs
(PA) CARCINOGENS

3-methoxy-7,12-dimethylbenz(a) anthracene
(RN) 66240-02-6
(SY) 3-methoxy-DMBA
(HM) 9,10-DIMETHYL-1,2-BENZANTHRACENE/*analogs
(PA) CARCINOGENS

4-methoxy-7,12-dimethylbenz(a) anthracene
(RN) 16277-49-9
(SY) 4-methoxy-DMBA
(HM) 9,10-DIMETHYL-1,2-BENZANTHRACENE/*analogs
(PA) CARCINOGENS

6-methoxy-1,4-dimethylcarbazole see 1,4-dimethyl-6-methoxycarbazole

2-methoxy-3,5-dinitro-4-methyl-t-butylbenzene see musk ambrette (artificial)

2-methoxy-2,4-diphenyl-3(2H)-furanone
(RN) 50632-57-0
(HM) *FURANS
(II) INDICATORS AND REAGENTS
(II) FLUORESCENT DYES
(NO) reagent for fluorescent labeling of proteins; structure

2-methoxy-DMBA see 2-methoxy-7,12-dimethylbenz(a)anthracene

3-methoxy-DMBA see 3-methoxy-7,12-dimethylbenz(a)anthracene

4-methoxy-DMBA see 4-methoxy-7,12-dimethylbenz(a)anthracene

3-methoxydopa
(HM) DOPA/*analogs
(NO) metabolite of L-dopa

9-methoxyellipticine
(RN) 10371-86-5
(RR) 33698-51-0 (HCl)
(RR) 26691-08-7 (lactate[1:1])
(RR) 32416-57-2 (lactate)
(HM) *ELLIPTICINES
(PA) ANTINEOPLASTIC AGENTS
(NO) RN given refers to parent cpd

2-methoxyestradiol-17 beta see 2-methoxyestradiol

4-methoxyestradiol-17 beta see 4-methoxyestradiol

2-methoxyestradiol
(RN) 362-07-2
(RR) 10332-20-4 ((17alpha)-isomer)
(SY) 2-methoxyestradiol-17 beta
(HM) ESTRADIOL/*analogs
(NO) RN given refers to (17beta)-isomer; RN for cpd without isomeric designation not in Chemline 7/84

4-methoxyestradiol
(RN) 26788-23-8
(SY) 4-methoxyestradiol-17 beta
(HM) ESTRADIOL/*analogs
(NO) RN given refers to (17beta)-isomer; RN for cpd without isomeric designation not in Chemline 5/85

2-methoxyestrone
(RN) 362-08-3
(HM) *HYDROXYESTRONES

2-methoxyethanol acetate
(RN) 110-49-6
(RR) 32718-56-2 (unspecified methoxy position)
(SY) ethylene glycol monomethyl ether acetate
(HM) *ETHYLENE GLYCOLS

2-methoxyethanol see methyl cellosolve

6-methoxy-7-ethoxy-2,2-dimethylchromene see ethoxyprecocene

2-(2-methoxyethoxyethyl-8-(2-n-octylcyclopropyl) octanoate see A(2)C

methoxyethoxymethyl chloride
(RN) 3970-21-6
(HM) *ETHYL ETHERS
(NO) structure given in first source

methoxyethylene-maleic anhydride copolymer
(SY) MEMAC
(HM) *MALEATES
(HM) *POLYETHYLENES

methoxyethylmercury chloride see neanthine

methoxyflurane defluorinase
(RN) EC 1.-
(HM) *OXIDOREDUCTASES
(NO) metabolizes methoxyflurane, isoflurane or enflurane enzyme induction with phenobarbital to inorganic fluorides; reaction enhanced by microsomal

3-methoxy-6-formyl-3,5-pregnadien-17-acetate-20-one-oxyma see oxyma

4-methoxyfuro(2,3-b)quinoline see dictamnine

8-methoxyguanosine
(HM) GUANOSINE/*analogs
(II) ADJUVANTS, IMMUNOLOGIC
(NO) immunostimulant for B lymphocytes; structure given in first source

3-methoxy-4-hydroxyencainide see MJ 14030

3-methoxy-4-hydroxymethylphenoxyacetic acid
(RN) 83590-77-6
(SY) 3-M-4-HMPAA
(HM) *GLYCOLATES
(II) INDICATORS AND REAGENTS
(NO) structure given in first source

4-methoxy-3-hydroxyphenylacetic acid see isohomovanillic acid

3-methoxy-4-hydroxyphenylethyleneglycol sulfate see 3-methoxy-4-hydroxyphenylglycol sulfate

3-methoxy-4-hydroxyphenylethyleneglycol sulfotransferase
(RN) EC 2.8.2.-
(HM) *SULFURTRANSFERASES

4-methoxy-3-hydroxyphenylethylene glycol see isoMHPG

3-methoxy-4-hydroxyphenylglycol glucuronide
(RN) 52002-41-2
(SY) MHPG glucuronide
(HM) METHOXYHYDROXYPHENYLGLYCOL/*analogs

3-methoxy-4-hydroxyphenylglycol sulfate conjugate see 3-methoxy-4-hydroxyphenylglycol sulfate

3-methoxy-4-hydroxyphenylglycol sulfate
(RN) 28700-49-4
(SY) 3-methoxy-4-hydroxyphenylglycol sulfate conjugate
(SY) MHPG-SO4
(SY) 3-methoxy-4-hydroxyphenylethyleneglycol sulfate
(HM) *METHOXYHYDROXYPHENYLGLYCOL/analogs
(NO) RN given refers to cpd with unspecified locant for sulfate moiety

3-methoxy-4-hydroxyphenyllactic acid see vanillactic acid

3-methoxy-4-hydroxyphenylpyruvic acid see vanilpyruvic acid

methoxyhydroxypropylcellulose
(SY) MOHP-cellulose
(HM) CELLULOSE, OXIDIZED/*analogs

6-methoxyindan-1-acetic acid
(RN) 62956-64-3
(SY) 6-MIAA
(HM) *INDANS
(PA) ANTI-INFLAMMATORY AGENTS
(NO) structure given in first source

5-methoxyindoleacetic acid
(RN) 3471-31-6
(SY) 5-methoxyindole-3-acetic acid
(HM) HYDROXYINDOLEACETIC ACID/*analogs
(NO) serotonin metabolite

5-methoxyindole-3-acetic acid see 5-methoxyindoleacetic acid

5-methoxyindole-2-carboxylic acid
(RN) 24610-33-1
(HM) *INDOLES
(II) GLUCONEOGENESIS/drug eff
(NO) inhibitor of gluconeogenesis; structure

6-methoxy-5-indolylglucosiduronate see melanogen

methoxyinulin
(RN) 68785-45-5
(HM) INULIN/*analogs

2-methoxy-3-isobutylpyrazine see 2-isobutyl-3-methoxypyrazine

2-methoxy-9-(p-isopropylphenyl)-2,6-dimethylnonane see AI 3-36206

19-methoxyisorhodopsin
(SY) 19-MEIRP
(HM) *RHODOPSIN/analogs
(II) ISOMERISM
(NO) structure given in first source

methoxylamine see methoxyamine

methoxylpectin see pectin

11-methoxymacusine A
(RN) 87340-28-1
(HM) *ALKALOIDS
(PA) MUSCLE RELAXANTS, CENTRAL
(NO) Strychnos angolensis quaternary alkaloid; structure given in first source; RN given refers to (16R)-isomer; RN for cpd without isomeric designation not in Chemline 11/83

1-(2-methoxy-4-methoxycarbonyl-1-phenoxy)-3-isopropylamino-2-propanol see vanilol

4-methoxy-6-(5-methoxy-3-methyl-1H-pyrazol-1-yl) pyrimidine see dulcerozine

4-(methoxymethyl)benzyl chrysanthemummonocarboxylate
(RN) 34388-29-9
(SY) chrysanthemummonocarboxylic acid 4-(methoxymethyl)benzyl ester
(HM) *PYRETHRINS
(PA) INSECTICIDES

5-methoxymethyl-2'-deoxyuridine-5'-monophosphate
(RN) 53212-98-9
(RR) 59095-60-2 (NH4 salt)
(SY) MMUdR-MP
(HM) *THYMIDINE MONOPHOSPHATE/analogs
(PA) ANTIVIRAL AGENTS

5-methoxymethyldeoxyuridine see 5-methoxymethyl-2'-deoxyuridine

5-methoxymethyl-2'-deoxyuridine
(RN) 5116-22-3
(SY) 5-methoxymethyldeoxyuridine
(SY) MMUdR
(HM) *THYMIDINE MONOPHOSPHATE/analogs
(PA) ANTIVIRAL AGENTS
(NO) used in treatment of experimental herpes simplex keratitis

3-methoxy-14,15-methyleneestra-1,3,5-triene-17-ol see STS 593

2',3'-O-(methoxymethylene)uridine 5'-(4-chlorophenyl)phosphate
(SY) MMUCPP
(HM) *URACIL NUCLEOTIDES

methoxymethylbetacillin see sarpicillin

5-methoxy-methylindoleacetic acid
(RN) 2882-15-7
(SY) 5-methoxy-2-methyl-3-indoleacetic acid
(SY) DBI
(SY) (des-4-chlorobenzoyl)indomethacin
(HM) *INDOLEACETIC ACIDS
(NO) structure given in first source

5-methoxy-2-methyl-3-indoleacetic acid see 5-methoxy-methylindoleacetic acid

(+/-)-2-(7-methoxy-10-methyl- 2-phenothiazinyl) propionic acid see protizinic acid

4-methoxy-N-(2-(2-(1-methyl-2-piperidinyl)ethyl) phenyl)benzamide see encainide

4-methoxy-2''-(1-methyl-2-piperidylethyl)benzanilide see encainide

5-methoxy-3-(1-methylpiperidylidene)di-(2-thienyl) methane methobromide see timepidium bromide

17-methoxymethylprogesterone
(HM) PROGESTERONE/*analogs
(NO) structure given in first source

4-methoxymethylpyridoxine
(RN) 1464-33-1
(RR) 3131-27-9 (HCl)
(SY) 4-methoxypyridoxine
(HM) PYRIDOXINE/*analogs
(NO) RN given refers to parent cpd

2-((2-methoxy-4-methylsulfinyl)phenyl)-H-imidazo(4,5-b)pyridine see sulmazole

2-(2-methoxy-4-(methylsulfinyl)phenyl)-1H-imidazo(4,5-c)pyridine
(RN) 86315-52-8
(RR) 87359-33-9 (HCl)
(SY) 2-MMPIP
(HM) *IMIDAZOLES
(PA) CARDIOTONIC AGENTS
(NO) RN & structure given in first source; RN not in Chemline 7/85; RN given refers to parent cpd; closely related to sulmazole

6-methoxy-2-naphthylacetic acid
(RN) 23981-47-7
(HM) *NAPHTHALENEACETIC ACIDS
(NO) major metabolite of nabumetone

4-methoxy-2-naphthylamine
(RN) 2764-95-6
(SY) 4-methoxy beta-naphthylamine
(HM) *2-NAPHTHYLAMINE/analogs

4-(6-methoxy-2-naphthyl)-2-butanone see nabumetone

2-methoxy-5-nitrobenzyl bromide
(RN) 3913-23-3
(SY) Koshland's reagent II
(HM) *ANISOLES
(II) INDICATORS AND REAGENTS

7-methoxy-2-nitronaphtho(2,1-b)furan see R7000

8-methoxy-2-nitronaphtho(2,1-b)furan see 2-nitro-8-methoxynaphtho(2,1-b)furan

8-methoxy-6-nitrophenanthro(3,4-d)-1,3-dioxole-5-carboxylic acid see aristolochic acid I

2-methoxy-5-nitrotropone
(RN) 14628-90-1
(HM) *TROPANES
(II) INDICATORS AND REAGENTS
(NO) reagent specific for primary amino groups

2-methoxy-4-(2'-nitrovinyl)phenyl-2-acetamido-2-deoxy-beta-glucopyranoside
(SY) MNP-GlcNAc
(HM) ACETYLGLUCOSAMINE/*analogs
(NO) substrate used for determination of N-acetyl-beta-D-glucosaminidase (NAG) in urine

3-((5-methoxy-3-oxo-2(3H)benzofuranylidene)methyl) benzoic acid see LY 140091

2-methoxy-11-oxo-11H-pyrido(2,1-b) quinazoline-8-carboxylic acid
(RN) 63094-36-0
(RR) 68701-34-8 (Na salt)
(SY) RO 21-7634
(HM) *QUINAZOLINES
(PA) ANTIHISTAMINICS
(NO) NM same as N1 (9Cl); RN given refers to parent cpd; structure in first source

S-(5-methoxy-2-oxo-1,3,4-thiadiazol-3-(2H)-yl) O,O-dimethylphosphorodithioate see methidathion

methoxy pectin see pectin

methoxypectin see pectin

methoxyphenamine
(RN) 93-30-1
(RR) 3595-10-6 (HCl(+-)-isomer)
(RR) 5588-10-3 (HCl)
(RR) 18491-42-4 (HCl(R)-isomer)
(RR) 54809-18-6 ((S)-isomer)
(SY) orthoxine
(SY) mimexina
(SY) 2-methoxy-N,alpha-dimethylphenethylamine
(SY) 1-(2-methoxyphenyl)-2-methylaminopropane
(HM) METHAMPHETAMINE/*analogs
(PA) ADRENERGIC BETA RECEPTOR AGONISTS
(NO) RN given refers to parent cpd without isomeric designation; structure

1-methoxyphenazine methosulfate see 1-methoxyphenazine

1-methoxyphenazine
(RN) 2876-17-7
(RR) 80648-55-1 (monomesylate)
(SY) 1-methoxyphenazine methosulfate
(HM) *METHYLPHENAZONIUM METHOSULFATE/analogs
(NO) exogenous electron carrier for cytochemical staining of NAD(P)-dependent dehydrogenases; RN given refers to parent cpd

6-methoxy-1-phenazinol 5,10-dioxide cupric complex see copper myxin

p-methoxyphenethylamine see O-methyltyramine

4-methoxyphenethylamine see O-methyltyramine

4-methoxyphenol see 4-hydroxyanisole

1-(3-(2-methoxyphenothiazin-10-yl)-2-methylpropyl)-4-piperidinol see perimetazine

1-(o-methoxyphenoxy)-3-isopropylamino-2-propanol see moprolol

2-(2-methoxyphenoxy)-2-methyl-1,3-benzodioxan-4-one see guaimesal

trans-3-((4-methoxyphenoxy)methyl)-1-methyl-4-phenylpiperidine see femoxetine

trans-(+)-3-((4-methoxyphenoxy)methyl)-1-methyl-4-phenylpiperidine see femoxetine

3-(o-methoxyphenoxy)-N-methyl-3-phenylpropylamine see nisoxetine

3-(2-methoxyphenoxy)-N-methyl-3-phenylpropylamine see nisoxetine

N-(2-(3-methoxyphenoxy)propyl)-m-tolylacetamidine tosylate see xylamidine tosylate

N-(4-methoxyphenyl)acetamide see methacetin

2-methoxyphenyl-alpha-methyl-4-(2-methylpropyl) benzene acetate see AF 2259

2-(3-methoxyphenyl)-5,6-dihydro-s-triazolo(5,1-a) isoquinoline see L 10503

N-(3-(2-methoxyphenyl)-1,1-dimethylpropyl)-1-(p-hydroxyphenyl)ethanolamine HCl see D 2343

4-methoxy-m-phenylenediamine sulfate see 4-methoxy-3-phenylenediamine

4-methoxy-3-phenylenediamine
(RN) 615-05-4
(RR) 6219-67-6 (sulfate)
(RR) 39156-41-7 (sulfate[1:1])
(RR) 614-94-8 (di-HCl)
(SY) 4-methoxy-m-phenylenediamine sulfate
(SY) 2,4-diaminoanisole sulfate
(SY) m-diaminoanisole sulfate
(SY) 2,4-diaminoanisole
(HM) *PHENYLENEDIAMINES
(PA) CARCINOGENS
(PA) MUTAGENS
(II) HAIR DYES
(NO) RN given refers to parent cpd

p-methoxyphenylethylamine see O-methyltyramine

1-(2-methoxy-2-phenylethyl- 4-(2-hydroxy-3-methoxy-3-phenyl)propylpiperazine see zipeprol

1-(2-methoxyphenyl)-2-methylaminopropane see methoxyphenamine

8-methoxy-3-phenyl-5-methylpropargylaminomethyl-1,2-benzopyrone see pargyropyranone

4-((3-methoxyphenyl)methyl)-2,2,6,6-tetramethyl-1-oxa-4-aza-2,6-disilacyclohexane see SAN 58112

2-(2-(4-(o-methoxyphenyl)piperazine-1-yl)ethyl)-4,4-dimethyl-1,3(2H,4H)isoquinolinedione see AR-C239

1-(2-methoxyphenyl)piperazine
(RN) 35386-24-4
(RR) 66373-53-3 (unspecified HCl)
(RR) 38869-49-7 (di-HCl)
(SY) 1-(ortho-methoxyphenyl)piperazine
(HM) *PIPERAZINES
(II) RECEPTORS, DOPAMINE/antag
(NO) RN given refers to parent cpd

3-(2-(4-(2-methoxyphenyl)-1-piperazinyl)ethyl)-(1H,3H) -quinazoline-2,4-dione HCl see SGB 1534

8-((4-(4-methoxyphenyl)-1-piperazinyl)methyl)-6-methylergoline see PTR 17402

6-(3-(4-(o-methoxyphenyl)-1-piperazinyl)propylamino)-1,3-dimethyluracil see urapidil

3-methoxy-3-phenyl-2-piperidinone
(RN) 87532-77-2
(SY) 3-MPPD
(HM) *PIPERIDINES
(PA) ANTICONVULSANTS
(NO) RN & structure given in first source; RN not in Chemline 3/84

1-(4-methoxyphenyl)pyridinium
(RN) 42850-10-2
(RR) 17434-95-6 (chloride)
(RR) 51081-48-2 (perchlorate)
(RR) 17434-87-6 (monopicrate)
(SY) 1-4-MPP
(HM) *PYRIDINIUM COMPOUNDS
(NO) RN given refers to parent cpd

2-(4-methoxyphenyl)-4'-(2-(1-pyrrolidinyl)ethoxy)deoxybenzoin
(RN) 87198-64-9
(RR) 87261-93-6 (citrate)
(SY) 2-MPPED
(SY) 4-(beta(N-pyrrolidinyl)ethoxy)-4'-alpha,alpha-diphenylacetophenone
(SY) PEDAP
(HM) *NITROMIFENE/analogs
(II) RECEPTORS, ESTROGEN/drug eff
(NO) nitromifene metabolite; RN given refers to parent cpd; structure given in first source

6-methoxy-4-phenyl-1-(2,2,2-trifluoroethyl)-2-(1H)-quinazolinone
(RN) 49830-89-9
(SY) MOPTFEQ
(HM) *QUINAZOLINES
(PA) ANTI-INFLAMMATORY AGENTS

3-methoxy-6-(N(4)-phthaloylsulfanilamido)pyridazine see phthalylsulfapyridazine

3-methoxy-4-(piperidinomethyl)xanthone see pimexone

3'-(4-methoxy-1-piperidinyl)-3'-deaminodaunorubicin
(RN) 79867-76-8
(RR) 79898-14-9 (HCl(8S-cis)-isomer)
(SY) MOPDAD
(HM) DAUNORUBICIN/*analogs
(PA) ANTINEOPLASTIC AGENTS
(NO) RN given refers to parent cpd(8S-cis)-isomer; RN for cpd without isomeric designation not in Chemline 7/84; structure given in first source

10-methoxy-2-(2-(1-piperidinyl)ethyl)-7H- pyrido(4,3-c)carbazolium
(RN) 72256-31-6
(SY) 10-MPEPC
(HM) *CARBAZOLES
(PA) ANTINEOPLASTIC AGENTS
(II) INTERCALATING AGENTS
(NO) structure given in first source; RN given refers to acetate salt; RN for parent cpd not in Chemline 10/84

methoxypolyethylene glycol 400 methacrylate see Quetol 523

methoxypromazine see methopromazine

2-methoxy-4-propenylphenol see isoeugenol

15-methoxyprostaglandin F2alpha see prostaglandin F2alpha 15-methyl ether

5-methoxypsoralen
(RN) 484-20-8
(SY) bergapten
(HM) *METHOXSALEN
(II) ISOMERISM

5-(p-(6-methoxy-3-pyridazinylsulfamoyl)-phenylazo)-salicylic acid see salazodin

4-methoxypyridoxine see 4-methoxymethylpyridoxine

5-methoxysalicylic acid
(RN) 2612-02-4
(RR) 25832-71-7 (Na salt)
(SY) sodium 5-methoxysalicylate
(HM) *SALICYLIC ACIDS
(NO) enhances intestinal absorption of insulin in rats; RN given refers to parent cpd

3-methoxy-5,6-secoestra-1,3,5(10),8,14-pentaene-17-one
(RN) 56933-74-5
(SY) 3-MSPO
(HM) *ESTRENES
(NO) structure given in first source

methoxy-Suc-Ala-Ala-Pro-Val-chloromethyl ketone see methoxysuccinyl-alanyl-alanyl-prolyl-valine chloromethyl ketone

methoxysuccinate-Ala-Ala-Val-chloromethyl ketone see methoxysuccinate-alanyl-alanyl-valine chloromethyl ketone

methoxysuccinate-alanyl-alanyl-valine chloromethyl ketone
(SY) methoxysuccinate-Ala-Ala-Val-chloromethyl ketone
(SY) MSAVCK
(HM) *AMINO ACID CHLOROMETHYL KETONES
(PA) ELASTASE/antag

methoxysuccinyl-alanyl-alanyl-prolyl-valine chloromethyl ketone
(SY) MSAAPVCK
(SY) methoxy-Suc-Ala-Ala-Pro-Val-chloromethyl ketone
(HM) *AMINO ACID CHLOROMETHYL KETONES
(PA) ELASTASE/antag
(NO) prevents elastase-induced emphysema

6-methoxy-1,2,3,4-tetrahydro beta-carboline see 6-methoxytryptoline

5-methoxy 3-(1,2,3,6-tetrahydro-4-pyridinyl)1H indole see RU 24969

2-methoxy-5,7,3',4'-tetrahydroxyflavan see 3-O-methylcatechin

7-methoxy-2-(1H-tetrazol-5-yl)xanthen-9-one see AH 7079

N-(4-methoxy-1,2,5-thiadiazol-3-yl)sulfanilamide see sulfametrole

5-methoxy-4'-(trifluoromethyl)valerophenone O-(2-aminoethyl)oxime maleate see fluvoxamine

2-methoxy-5-(2',3',4'-trimethoxyphenyl) tropone
(RN) 60423-21-4
(HM) *TROPOLONE/analogs
(NO) structure given in first source

N(6)-methoxy-2',3',5'-tri-O-methyladenosine
(RN) 87079-99-0
(SY) MOTOMA
(HM) ADENOSINE/*analogs
(PA) MUTAGENS
(NO) structure given in first source

2-methoxytropolone
(RN) 2161-40-2
(SY) tropolone methyl ether
(SY) 2-methoxy-2,4,6-cycloheptatrienone
(HM) *TROPOLONE/analogs

5-methoxy-Trp(8)-somatostatin see somatostatin, 5-methoxy-Trp(8)-

5-methoxytryptoline
(RN) 30439-19-1
(HM) *CARBOLINES

6-methoxytryptoline
(RN) 20315-68-8
(RR) 35764-54-6 (mono-HCl)
(RR) 17952-64-6 (HCl)
(SY) 6-methoxy-1,2,3,4-tetrahydro beta-carboline
(HM) *CARBOLINES
(PA) ANTICONVULSANTS
(NO) RN given refers to parent cpd; structure

5-methoxytryptophan-8-somatostatin see somatostatin, 5-methoxy-Trp(8)-

5-methoxytryptophan
(RN) 2504-22-5
(RR) 28052-84-8 ((DL)-isomer)
(RR) 25197-96-0 ((L)-isomer)
(HM) TRYPTOPHAN/*analogs
(NO) RN given refers to cpd without isomeric designation

methoxytryptophol
(RN) 712-09-4
(SY) 5-methoxytryptophol
(HM) *INDOLES

5-methoxytryptophol see methoxytryptophol

methoxytyramine see 3-methoxytyramine

3-methoxytyramine
(RN) 554-52-9
(RR) 29249-00-1 (cpd with unspecified methoxy locant)
(RR) 1477-68-5 (HCl)
(SY) methoxytyramine
(HM) DOPAMINE/*analogs
(NO) RN given refers to parent cpd

p-methoxy-L-tyrosine see 4-methoxytyrosine

L-3-methoxytyrosine see 3-methoxytyrosine

3-methoxytyrosine
(RN) 7636-26-2
(RR) 28841-72-7 (alpha-(14)C-labeled cpd(L-Tyr)-isomer)
(RR) 15402-76-3 ((D-Tyr)-isomer)
(RR) 4214-13-5 ((DL-Tyr)-isomer)
(RR) 300-48-1 ((L-Tyr)-isomer)
(SY) 3-O-methylDOPA
(SY) L-3-methoxytyrosine
(HM) TYROSINE/*analogs
(NO) RN given refers to unlabeled cpd without isomeric designation; structure

4-methoxytyrosine
(RN) 4368-01-8
(SY) p-methoxy-L-tyrosine
(SY) para-methoxy-L-tyrosine
(SY) 3-hydroxy-4-methoxyphenylalanine
(HM) TYROSINE/*analogs

5-methoxyuridine
(HM) URIDINE/*analogs

(2'-methoxyvinyl)pyrene
(SY) trans-MVP
(HM) *PYRENES
(II) LUMINESCENCE
(NO) chemiluminescent probe for singlet oxygen; structure given in first source

8-methoxyxanthurenic acid see xanthurenic acid 8-methyl ether

methscopolamine bromide see N-methylscopolamine

methuenine
(RN) 63425-00-3
(HM) *ALKALOIDS
(PA) ANTI-ARRHYTHMIA AGENTS
(NO) synthesized from ervatamine; structure in first source

methydopa (2-oxo-1,3-dioxol-4-yl)methyl ester
(SY) methyldopa 1,3-dioxolonylmethyl ester
(SY) MD-DXME
(HM) METHYLDOPA/*analogs
(PA) ANTIHYPERTENSIVE AGENTS

N-methyhyoscine methylsulfate see N-methylscopolamine

methyl-accepting chemotaxis protein I see methyl-accepting chemotaxis proteins

methyl-accepting chemotaxis protein II see methyl-accepting chemotaxis proteins

methyl-accepting chemotaxis proteins
(SY) MACP-I
(SY) methyl-accepting chemotaxis protein II
(SY) MACP-II
(SY) MACP
(SY) methyl-accepting chemotaxis protein I
(SY) MACP-III
(SY) cheR protein
(SY) cheA protein
(SY) cheY protein
(HM) *MEMBRANE PROTEINS
(II) CHEMOTACTIC FACTORS
(NO) chemotaxis-specific membrane proteins; the steady-state level of methylation of MACP's reflects the concentration of attractant or repellent; see also record for chemotaxis methyltransferase

N-methyl acetamide
(RN) 79-16-3
(RR) 51206-97-4 (Na salt)
(HM) *ACETAMIDES
(NO) RN given refers to parent cpd

N-methylacetamide-oxotremorine M iodide see N-methylacetamide-oxotremorine M

N-methylacetamide-oxotremorine M
(RN) 3854-07-7
(SY) oxotremorine M-N-methylacetamide
(SY) Oxo-4
(SY) N-methylacetamide-oxotremorine M iodide
(HM) OXOTREMORINE/*analogs
(NO) RN given refers to iodide; RN for parent cpd not in Chemline 11/84; structure given in first source

methyl 2-acetamido-4-amino-2,4,6-trideoxy-3-O-(alpha galactopyranosyluronic acid)-alpha galactopyranoside
(SY) Me-Ac-AGGUG
(HM) *DISACCHARIDES
(NO) structure given in first source

methyl-3-O-(2-acetamido-2-deoxy-3-O-beta galactopyranosyl-beta glucopyranosyl)- beta galactopyranoside
(SY) MADGGG
(HM) *TRISACCHARIDES
(NO) synthetic mucin fragment; structure given in first source

methyl-2-O-(2-acetamido-2-deoxy-beta-D-glucopyranosyl) -alpha-D-galactopyranoside see lacto-N-biose II (1-2 isomer)

methyl-3-O-(2-acetamido-2-deoxy-beta-D-glucopyranosyl) alpha-D-galactopyranoside see lacto-N-biose II

methyl-2-acetamido-2-deoxy-D-glucopyranoside
(RN) 6082-04-8
(RR) 3946-01-8 ((beta-D)-isomer)
(SY) methyl alpha-D-acetylgalactosamine
(HM) ACETYLGLUCOSAMINE/*analogs
(NO) RN given refers to (alpha-D)-isomer

methyl-2-O-(2-acetamido-2-deoxyglucopyranosyl) galactopyranoside see lacto-N-biose II (1-2 isomer)

methyl-3-O-(2-acetamido-2-deoxyglucopyranosyl) galactopyranoside see lacto-N-biose II

methyl acetimidate
(RN) 14777-29-8
(RR) 14777-27-6 (HCl)
(HM) *IMIDOESTERS
(II) INDICATORS AND REAGENTS
(NO) affords intermediate protection for amino group; RN given refers to parent cpd; structure

2-methylacetoacetic acid
(RN) 2382-59-4
(SY) 2-methyl-3-oxo-butyric acid
(HM) *ACETOACETATES

2-methylacetoacetyl-CoA reductase
(RN) EC 1.1.1.-
(HM) *ALCOHOL OXIDOREDUCTASES
(NO) from Ascaris lumbricoides muscle; acts on 2-methylacetoacetyl-CoA, 3-keto-2-methyl pentanoyl-CoA & on their ethyl esters in place of CoA

2-methylacetoacetyl-CoA see 2-methylacetoacetyl coenzyme A

2-methylacetoacetyl coenzyme A
(RN) 6712-01-2
(SY) 2-methylacetoacetyl-CoA
(SY) coenzyme A, 2-methylacetoacetyl-
(HM) *ACYL COENZYME A

N-1-methylacetoayl-N-3-methylbutyl-nitrosamine see N-3-methylbutyl-N-1-methylacetonylnitrosamine

methyl-2-acetoxyethyl-2'-chloroethylamine see acetylcholine mustard

2'-methyl-15-acetoxy-3-hydroxy-12,13-epoxytrichotheceno(3,4-d)oxazole
(RN) 79320-86-8
(SY) MAHETO
(HM) *TRICHOTHECENES
(PA) ANTINEOPLASTIC AGENTS
(NO) RN & structure given in first source; RN not in Chemline 8/85

methyl(acetoxymethyl)nitrosamine
(RN) 56856-83-8
(RR) 69533-66-0 (methanol-14C-labeled cpd)
(SY) nitrosoacetoxymethylmethylamine
(SY) acetoxymethyl-methyl-nitrosamine
(SY) acetoxymethyl-methylnitrosamine
(SY) dimethylnitrosamine-O-acetate
(SY) DMN-OAc
(SY) 1-(N-methyl-N-nitrosamino)methylacetate
(SY) N-nitrosomethylacetoxymethylamine
(HM) DIMETHYLNITROSAMINE/*analogs
(PA) CARCINOGENS
(NO) RN given refers to parent cpd; structure in seventh source

6-methyl-17-acetoxyprogesterone see medroxyprogesterone 17-acetate

methylacetylene
(RN) 74-99-7
(SY) propyne
(HM) *ALKYNES
(NO) structure

S-methyl-N-acetylpenicillamine
(RN) 34297-29-5
(RR) 87254-90-8 ((D-Val)-isomer)
(HM) PENICILLAMINE/*analogs
(NO) RN given refers to (DL-Val)-isomer; RN for cpd without isomeric designation not in Chemline 7/84

methyl 4-((N-acetylphenylalanyl)amino) but-2-enoate
(SY) 4-((N-acetylphenylalanyl)amino)-but-2-enoic acid methyl ester
(SY) MAPheb
(HM) PHENYLALANINE/*analogs
(PA) PROTEASE INHIBITORS
(NO) structure given in first source

2-methyl-3-acetyl-4-(3-propionic acid pentafluorobenzyl ester)pyrrole see pentafluorobenzyl 2-methyl-3-acetyl-4-(3-propionate) pyrrole

methyl N-acetylsibirosaminide
(RN) 49754-59-8
(SY) methyl 4,6-dideoxy-3-C-methyl-4-(N-methylacetamido)alpha-D-altropyranoside
(SY) MASA
(HM) *METHYLGLYCOSIDES
(NO) structure given in first source

methyl acetyltryptophanate see N-acetyltryptophan methyl ester

N-methylacridine
(RN) 13367-81-2
(RR) 5776-39-6 (chloride)
(RR) 948-43-6 (iodide)
(SY) 10-methylacridine
(SY) N-methylacridinium
(HM) *ACRIDINES
(II) AMMONIUM COMPOUNDS
(NO) RN given refers to parent cpd

10-methylacridine see N-methylacridine

N-methylacridinium see N-methylacridine

methyl acrylate
(RN) 96-33-3
(HM) *ACRYLATES

methyl acrylate-methyl methacrylate copolymer
(RN) 9011-87-4
(SY) Dakril 2M
(HM) *METHYLMETHACRYLATES

methyl acrylate plastic see methylmethacrylate

2-methylacrylic acid see methacrylic acid

3-methyladenine-DNA glycosidase
(RN) EC 3.2.2.-
(SY) 3-MeAde-DNA glycosylase
(SY) 3MeAde-DNA glycosylase
(SY) 3-methyladenine-DNA glycosylase
(SY) TagII
(HM) *NUCLEOSIDASES
(II) DNA REPAIR
(NO) catalyzes hydrolysis of the N-glycosidic bond of damaged nucleotide residues to yield free 3-methyladenine; catalyzes release of 3-methyladenine from methylated DNA (Me-DNA); does not cleave phosphodiester bonds; DNA repair enzyme

3-methyladenine-DNA glycosylase see 3-methyladenine-DNA glycosidase

1-methyladenine
(RN) 5142-22-3
(HM) ADENINE/*analogs

3-methyladenine
(RN) 5142-23-4
(SY) N(3)-methyladenine
(HM) ADENINE/*analogs

N(3)-methyladenine see 3-methyladenine

N(6)-methyladenine see 6-methyladenine

6-methyladenine
(RN) 443-72-1
(SY) 6-methylaminopurine
(SY) N(6)-methyladenine
(HM) ADENINE/*analogs
(PA) ANTIPROTOZOAL AGENTS
(II) PLANT GROWTH REGULATORS
(NO) structure

9-methyladenine
(RN) 700-00-5
(HM) ADENINE/*analogs

1-methyladenosine
(RN) 15763-06-1
(HM) ADENOSINE/*analogs

2'-O-methyladenosine
(RN) 2140-79-6
(RR) 70716-07-3 ((alpha-D-arabino)-isomer)
(RR) 42173-86-4 ((beta-D-arabino)-isomer)
(HM) ADENOSINE/*analogs
(NO) RN given refers to parent cpd

3-methyladenosine
(HM) ADENOSINE/*analogs
(NO) structure in first source

N(6)-methyladenosine
(RN) 1867-73-8
(SY) 6-methyladenosine
(HM) ADENOSINE/*analogs
(II) RNA CAPS

6-methyladenosine see N(6)-methyladenosine

3-methyladipate see 3-methyladipic acid

3-methyladipic acid
(RN) 3058-01-3
(RR) 33659-32-4 (cpd with unspecified locants)
(SY) 3-methyladipate
(SY) 3-methylhexanedioic acid
(HM) *ADIPIC ACIDS

2-methyl-6,7-ADTN see 2-amino-2-methyl-6,7-dihydroxy-1,2,3,4-tetrahydronaphthalene

methylal see dimethoxymethane

N-methylalanine
(RN) 600-21-5
(RR) 32012-14-9 (HCl(DL-Ala)-isomer)
(RR) 19914-40-0 (HBr(L-Ala)-isomer)
(RR) 3913-67-5 ((L-Ala)-isomer)
(RR) 2679-14-3 ((beta-Ala)-isomer)
(HM) ALANINE/*analogs
(NO) RN given refers to parent cpd(DL-Ala)-isomer; RN for cpd without isomeric designation not in Chemline 7/84

1-N-methyl-2-alanyl-N-(1-(hydroxymethyl)-3-(methylsulfinyl)propyl)-N(alpha)-methyl-4-phenylalaninamide enkephalin see FW 34569

7-methylallopsoralen see 7-methylpsoralen

methyl alpha-D-acetylgalactosamine see methyl-2-acetamido-2-deoxy-D-glucopyranoside

N-methyl alpha-aminoisobutyric acid see 2-(methylamino)isobutyric acid

24-methyl-5 alpha-cholesta-7,9(11),24(28)-trien-3 beta-ol
(RN) 84223-03-0
(SY) 24-MeCTO
(HM) *CHOLESTENES
(NO) marine sterol from Black sea sponge Haliclona flavescens; RN given refers to (3beta,5alpha)-isomer; RN for cpd without isomeric designation not in Chemline 7/84

4-methyl-alpha-ethyl-m-tyramine see H 75-12

methyl alpha-fluoromethyl-4-tyrosine see alpha-monofluoromethyl-4-tyrosine methyl ester

methyl-6-O-alpha-D-galactopyranosyl-D- galactopyranoside see methyl 6-O-D-galactopyranosyl-D-galactopyranoside

methyl 4-O-(4 alpha-glucopyranosyloxy-4-methoxybutyl)-alpha-glucopyranoside

(SY) MGOMBG
(HM) *METHYLGLUCOSIDES
(NO) structure given in first source

methyl alpha-D-glucoside see alpha-methylglucoside

1-methyl-alpha-hydroxyisopropylcyclohexenol-6 see sobrerol

S-methyl-alpha-ketobutyric acid see 2-keto-4-methylthiobutyric acid

methyl alpha-D-mannopyranoside see methylmannoside

methyl-alpha-D-mannoside see methyl mannoside

6-methyl-8 alpha-N-methylsulfamoylaminoergoline

(RN) 88374-72-5
(SY) 1,20-N,N-bidemethylated mesulergine
(SY) MMSAE
(HM) *ERGOLINES
(NO) structure given in first source

methyl alpha-neurotoxin

(HM) *NEUROTOXINS
(II) METHYLATION
(NO) from Naja naja siamensis venom; can be linked to each of the subunits of the acetylcholine receptor

methylamine

(RN) 74-89-5
(RR) 34460-70-3 (14C-labeled cpd HCl)
(RR) 22113-87-7 (nitrate)
(RR) 593-51-1 (HCl)
(RR) 56209-65-5 (Cs salt)
(RR) 14965-49-2 (HI)
(RR) 6876-37-5 (HBr)
(RR) 51283-79-5 (HCN)
(RR) 57847-62-8 (HF)
(RR) 13427-02-6 (mono-K salt)
(RR) 52034-11-4 (mono-Na salt)
(RR) 15875-44-2 (perchlorate)
(RR) 34516-31-9 (ion(1-))
(RR) 60361-87-7 (sulfate[1:1])
(RR) 33689-83-7 (sulfate[2:1])
(RR) 3852-22-0 (15N-labeled cpd)
(RR) 60656-93-1 (13C-labeled cpd)
(RR) 3046-46-6 (14C-labeled cpd)
(RR) 17000-00-9 (hydride)
(SY) monomethylamine
(SY) aminomethane
(SY) methylammonium
(SY) methylammonium ion
(SY) monomethylammonium ion
(SY) methylamine hydrochloride
(HM) *METHYLAMINES
(NO) monovalent cation in pyruvate kinase catalysis; RN given refers to parent cpd

methylamine dehydrogenase

(RN) EC 1.4.99.-
(SY) methylamine oxidase
(HM) *AMINE OXIDOREDUCTASES
(NO) forms formaldehyde & hydrogen peroxide

methylamine-glutamate methyltransferase

(RN) EC 2.1.1.21
(SY) N-methylglutamate synthase
(HM) *METHYLTRANSFERASES

methylamine hydrochloride see methylamine

methylamine oxidase see methylamine dehydrogenase

10-methyl-9-aminoacridine see 9-amino-10-methylacridinium

4-methylamino-alpha,2-dimethylphenethylamine see FLA 788

methylaminoantipyrine see noramidopyrine

N-methyl-4-aminoazobenzene

(RN) 621-90-9
(HM) *P-AMINOAZOBENZENE/analogs
(PA) CARCINOGENS
(NO) structure

methyl N-(4-aminobenzenesulfonyl)carbamate see asulam

9-methylaminobenzo alpha-phenoxazonium chloride see Meldola blue

2-(4-methylaminobutoxy)diphenylmethane see MCI 2016

2-methylaminocarbothioyl-2-(pyridyl)-2-tetrahydrothiophene see RP 40749

4-methyl-7-aminocoumarin see 7-amino-4-methylcoumarin

N-(2-methylamino)cyclopentyl)-N-(3,4-dichlorophenyl)propanamide

(RN) 69642-69-9
(SY) 2-MCDPP
(HM) *CYCLOPENTANES
(PA) ANTIDEPRESSIVE AGENTS
(NO) metabolite of DCDPP; RN given refers to methylbenzenesulfonate(trans)-isomer; RN for parent cpd not in Chemline 6/84; structure given in first source

4-methylaminocytosine see N(4)-methylcytosine

3-methyl-4-amino-N-diethylaniline see CD-2

6-(methylamino))-4,4-diphenyl-3-heptanol acetate see noracymethadol

N-methylaminoethanol

(RN) 109-83-1
(RR) 36833-63-3 (conjugate monoacid)
(SY) N-monomethylethanolamine
(SY) N-methylethanolamine
(SY) 2-methylaminoethanol
(HM) *ETHANOLAMINES
(NO) structure

2-methylaminoethanol see N-methylaminoethanol

methyl 4-amino-5-ethyl-3-thiophenecarboxylate see Ro 22-0654

4-methyl-5-amino-1-formylisoquinoline thiosemicarbazone

(RN) 59261-39-1
(SY) 4-methyl-5-amino-1-formylisoquinoline thiosemicarbazone
(SY) MAIQ
(SY) MAIQ-1
(SY) 4-methyl-5-aminoisoquinoline thiosemicarbazone
(SY) MAIQ 1
(HM) *ISOQUINOLINES
(PA) ANTINEOPLASTIC AGENTS
(NO) structure

4-methyl-5-amino-1-formylisoquinoline thiosemicarbazone see 4-methyl-5-amino-1-formylisoquinoline thiosemicarbazone

3-(2-methylamino-1-hydroxyethyl)methanesulfonanilide see amidephrine

2-methyl-4-amino-5-hydroxymethylpyrimidine see toxopyrimidine

10-methylamino-11-H-indeno(2-b)quinoline-11-one see MB 432

N-(methylamino)isobutyric acid see 2-(methylamino)isobutyric acid

2-(methylamino)isobutyric acid

(RN) 2566-34-9
(SY) N-(methylamino)isobutyric acid
(SY) N-methyl alpha-aminoisobutyric acid
(SY) Me-AIB
(SY) AMAIB
(SY) alpha-(methylamino)isobutyrate
(HM) *AMINOISOBUTYRIC ACIDS

4-methyl-5-aminoisoquinoline thiosemicarbazone see 4-methyl-5-amino-1-formylisoquinoline thiosemicarbazone

16-methylamino-3-methoxy-1,3,5-estratrien-17-ol

(RN) 90193-07-0
(SY) ent-16 alpha-methylamino-3-methoxy-1,3,5(10)-estratrien-17 beta-ol
(SY) MAMOET
(HM) ESTRIOL/*analogs
(PA) ANTI-ARRHYTHMIA AGENTS

2-methylamino-4-N-methylpiperazino-5-thiomethyl-6-chloropyrimidine see mezilamine

5-((methylamino)methyl)-2-selenouridine

(RN) 89314-80-7
(SY) 5-MAMSU
(HM) URIDINE/*analogs
(HM) *SELENIUM
(NO) naturally occurring nucleotide in bacterial tRNAs; RN & structure given in first source; RN not in Chemline 12/84

5-methylaminomethyl-2-thiouridine

(RN) 32860-54-1
(SY) 2-thio-5-methylaminomethyluridine
(HM) THIOURIDINE/*analogs

N-methylamino-2-nitro-4-N',N'-bis(2-hydroxyethyl) aniline see HC Blue No. 1

6-(methylamino)-4-oxo-10-propyl-4H-pyrano(3,2-g) quinoline-2,8-dicarboxylic acid see minocromil

methyl 16-amino-PGF(2alpha) see 16-aminoprostaglandin F2alpha methyl ester

N-methyl-4-aminophenol see Metol

2-(N-methylamino)-3H-phenoxazin-3-one-8-carboxylic acid see texazone

1-(3-(methylamino)-propyl)-5-methyl-3-phenyl-1H-indazole see FS-97

1-(3-methylaminopropyl)-1-phenyl-3,3-dimethylthiophthalane.HCl see Lu 5-003

6-methylaminopurine see 6-methyladenine

6-methyl-2-aminopyridine palladium dichloride see PD 25681

4-methyl-2-aminopyridine see 2-amino-4-picoline

1-methyl-3-amino-5H-pyrido(4,3-b)indole see Trp-P-2

methylammonium see methylamine

methylammonium ion see methylamine

methylammonium-potassium antiport see ammonium-potassium antiporter

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methylamphotericin B
(RN) 36148-89-7
(RR) 35375-29-2 (HCl)
(RR) 64358-77-6 (acetate)
(SY) AME
(SY) SQ 20,627
(SY) amphotericin B methyl ester
(HM) AMPHOTERICIN B/*analogs
(PA) ANTIFUNGAL AGENTS
(NO) RN given refers to parent cpd

methyl-n-amyl ketone see 2-heptanone

methyl-n-amylnitrosamine see N-amyl-N-methylnitrosamine

2-methyl-3-amylpyrrole
(RN) 18320-91-7
(SY) 2-methyl-3-pentylpyrrole
(HM) *PYRROLES
(NO) prodigiosin precursor

3-methylandrost-5-en-17-one
(RN) 90468-14-7
(SY) 3 beta-methylandrost-5-ene-17-one
(SY) 3-BMAEO
(HM) *ANDROSTENES
(NO) inhibits skin papilloma formation; structure given in first source

4'-methylangelicin
(RN) 78982-40-8
(SY) 9-methylangelicin
(HM) *PSORALENS
(II) PSORIASIS/drug ther
(NO) structure given in first source

5-methylangelicin
(RN) 73459-03-7
(SY) 5-methylisopsoralen
(HM) *PSORALENS

6-methylangelicin
(RN) 90370-14-2
(HM) *PSORALENS
(II) PHOTOCHEMOTHERAPY
(II) PSORIASIS/drug ther

9-methylangelicin see 4'-methylangelicin

methylaniline
(RN) 100-61-8
(RR) 2739-12-0 (HCl)
(SY) N-methylaniline
(HM) *ANILINE COMPOUNDS
(NO) RN given refers to parent cpd

N-methylaniline see methylaniline

N-methyl-2-anilino-6-naphthalenesulfonyl chloride see 2,6-mansyl chloride

N-methyl-2-anilinonaphthalene-6-sulfonyl compounds see 2,6-mansyl chloride

methyl anthranilate
(RN) 134-20-3
(HM) *ANTHRANILIC ACIDS

3'-O-(N-methylanthraniloyl) ATP
(SY) MANT-ATP
(HM) *ANTHRANILIC ACIDS
(HM) ADENOSINE TRIPHOSPHATE/*analogs
(II) FLUORESCENT DYES
(II) AFFINITY LABELS

methylaplysinopsin
(HM) TRYPTOPHAN/*analogs
(PA) MONOAMINE OXIDASE INHIBITORS
(NO) isolated from Dictyoceratid sponge Aplysinopsis reticulata; affects serotogenic neurotransmission; structure given in first source

methylapogalanthamine
(RN) 18126-83-5
(RR) 24620-67-5 (HCl)
(HM) GALANTHAMINE/*analogs
(PA) ANTIHYPERTENSIVE AGENTS
(NO) Russian drug; RN given refers to parent cpd

methyl apohemoglobin
(SY) me-apoHb
(HM) *HEMOGLOBINS
(HM) *APOPROTEINS

N(G)-methylarginine see omega-N-methylarginine

2-methylarginine
(RN) 59574-26-4
(HM) ARGININE/analogs
(PA) ANTIBIOTICS
(NO) amino acid with antibiotic properties produced by Streptomyces X-11837; RN given refers to (L-Arg)-isomer; RN for cpd without isomeric designation not in Chemline 7/84

methylarsonic acid see monomethylarsonic acid

1-O-methylascorbic acid
(RN) 87804-24-8
(SY) 1-O-methyl-L-ascorbic acid
(HM) ASCORBIC ACID/*analogs
(NO) RN & structure given in first source; RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 5/84

1-O-methyl-L-ascorbic acid see 1-O-methylascorbic acid

2-methylascorbic acid see 2-O-methylascorbic acid

2-O-methylascorbic acid
(RN) 17860-87-6
(SY) 2-methylascorbic acid
(HM) ASCORBIC ACID/*analogs

3-O-methylascorbic acid
(RN) 13443-57-7
(SY) 3-O-methyl-L-ascorbic acid
(HM) ASCORBIC ACID/*analogs
(NO) RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 5/84

3-O-methyl-L-ascorbic acid see 3-O-methylascorbic acid

N(4)-methyl-D-asparaginylamoxicillin see TA 058

N-methylaspartate
(RN) 17833-53-3
(RR) 64339-35-1 (Na salt(D-Asp)-isomer)
(RR) 6384-92-5 ((D-Asp)-isomer)
(RR) 4226-18-0 ((L-Asp)-isomer)
(SY) N-methyl-D-aspartic acid
(SY) N-methyl-D-aspartate
(HM) ASPARTIC ACID/*analogs
(NO) RN given refers to parent cpd(DL-Asp)-isomer; cpd without isomeric designation not in Chemline 6/27/83

N-methyl-D-aspartate see N-methylaspartate

methylaspartate receptor see N-methyl-D-aspartate receptor

N-methyl-D-aspartate receptor
(SY) methylaspartate receptor
(SY) receptor, N-methyl-D-aspartate
(SY) N-methyl-D-aspartate receptors
(HM) *SYNAPTIC RECEPTORS
(II) ASPARTIC ACID/analogs

N-methyl-D-aspartate receptors see N-methyl-D-aspartate receptor

N-methyl-D-aspartic acid see N-methylaspartate

2-methylaspartic acid
(RN) 866-73-9
(RR) 3227-17-6 ((L-Asp)-isomer)
(RR) 2792-66-7 ((DL-Asp)-isomer)
(SY) alpha-methyl-DL-aspartate
(HM) ASPARTIC ACID/*analogs
(NO) RN given refers to cpd without isomeric designation

methylated bovine serum albumin
(SY) serum albumin, bovine, methylated
(SY) MBSA
(HM) *SERUM ALBUMIN, BOVINE

methylated cap-dependent endonuclease
(RN) EC 3.1.21.-
(SY) methyl-cap endonuclease
(HM) *ENDORIBONUCLEASES

N-methylatropine see methylatropine

methyl atropine see methylatropine

methylatropine
(RN) 31610-87-4
(RR) 2870-71-5 (bromide)
(RR) 68686-62-4 (endo-3(S)-isomer)
(RR) 68469-53-4 (3H-labeled cpd iodide(endo-(+-))-isomer)
(RR) 51019-54-6 (iodide(endo-3(S))-isomer)
(RR) 50865-26-4 (iodide(endo-3(R))-isomer)
(RR) 18409-40-0 (sulfate[2:1](endo-(+-))-isomer)
(RR) 17444-28-9 (iodide(endo-(+-))-isomer)
(RR) 1477-08-3 (nitrite(endo-(+-))-isomer)
(RR) 1093-56-7 (iodide)
(RR) 57-69-2 (endo-3(R)-isomer)
(RR) 52-88-0 (nitrate(endo-(+-))-isomer)
(SY) atropine methonitrate
(SY) methylatropine nitrate
(SY) 8-methylatropinium nitrate
(SY) atropine methylbromide
(SY) methyl atropine
(SY) N-methylatropine
(HM) *ATROPINE DERIVATIVES
(PA) ANTIMUSCARINIC AGENTS
(NO) RN given refers to endo-(+-)-isomer; RN for cpd without isomeric designation not in Chemline 6/27/83; structure in Negwer, 5th ed, #3766

methylatropine nitrate see methylatropine

8-methylatropinium nitrate see methylatropine

N(4)-methyl-5-azacytidine
(HM) AZACYTIDINE/*analogs

4-methyl-4-aza-3-oxo-5-pregnane-20-carboxylate
(RN) 85531-68-6
(SY) MAOPC
(HM) *AZASTEROIDS
(HM) *PREGNANES
(PA) TESTOSTERONE 5-ALPHA-REDUCTASE/antag
(NO) RN given refers to Na salt

methyl 4-azidobenzimidate
(RN) 74676-96-3
(RR) 62409-36-3 (mono-HCl)
(SY) MABIM
(SY) methyl 4-azidobenzoimide
(SY) MABI
(HM) *IMIDOESTERS
(HM) *AZIDES
(II) CROSS-LINKING REAGENTS
(II) AFFINITY LABELS
(NO) RN given refers to parent cpd

methyl 4-azidobenzoimide see methyl 4-azidobenzimidate

methyl 3-((p-azidophenyl)dithio)propionimidate see methyl 3-((4-azidophenyl)dithio)propionimidate

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methyl 3-((4-azidophenyl)dithio) propionimidate
(RN) 63958-36-1
(SY) methyl 3-((p-azidophenyl)dithio)propionimidate
(HM) *IMIDOESTERS
(II) CROSS-LINKING REAGENTS
(NO) cross-linking reagent; structure

methylazoxymethanol
(RN) 590-96-5
(SY) methazoxymethanol
(HM) *METHYLAZOXYMETHANOL ACETATE/analogs
(PA) CARCINOGENS
(PA) ALKYLATING AGENTS
(II) MITOSIS/drug eff
(NO) reacts with guanine residues of DNA & RNA forming 7-methylguanine adduct products; carcinogenicity probably related to biological decomposition into methyldiazonium ion, the ultimate methylating agent; structure in first source

N-methyl-N-(1,3,4,6,7,11ba-hexahydro-2H-benzo(a) quinolizin-2-beta-yl)butane-1-sulfonamide see Wy 26703

N-methyl-N-(1,3,4,6,7,11ba-hexahydro-2H-benzo(a) quinolizin-2 beta-yl)propane-1-sulfonamide see Wy 26392

methylbenactyzine see metamizil

12-methylbenz(a)acridine
(RN) 3340-93-0
(HM) *ACRIDINES
(NO) not a carcinogen

7-methylbenz(c)acridine
(RN) 3340-94-1
(HM) *ACRIDINES
(PA) CARCINOGENS

N-methylbenzamide
(RN) 613-93-4
(RR) 74973-82-3 (HCl)
(HM) *BENZAMIDES
(NO) RN given refers to parent cpd

11-methylbenzanthracene
(RN) 75350-46-8
(SY) 11-methylbenz(a)anthracene
(HM) *BENZANTHRACENES

11-methylbenz(a)anthracene see 11-methylbenzanthracene

12-methylbenzanthracene
(RN) 2422-79-9
(SY) 12-methylbenz(a)anthracene
(HM) *BENZANTHRACENES

12-methylbenz(a)anthracene see 12-methylbenzanthracene

4-methylbenz(a)anthracene
(RN) 316-49-4
(HM) *BENZANTHRACENES

6-methylbenz(a)anthracene
(RN) 316-14-3
(SY) 6-MBA
(HM) *BENZANTHRACENES
(PA) CARCINOGENS

7-methylbenzanthracene
(RN) 2541-69-7
(SY) 7-methylbenz(a)anthracene
(HM) *BENZANTHRACENES

7-methylbenz(a)anthracene see 7-methylbenzanthracene

8-methylbenzanthracene
(RN) 2381-31-9
(SY) 8-methylbenz(a)anthracene
(HM) *BENZANTHRACENES
(PA) CARCINOGENS

8-methylbenz(a)anthracene see 8-methylbenzanthracene

methyl-2-benzimidazole carbamate see mecarzole

methylbenzimidazole-2-ylcarbamate see mecarzole

methyl-N-(2-benzimidazolyl)carbamate see mecarzole

methyl benzoate
(RN) 93-58-3
(HM) *BENZOATES

3-methylbenzoic acid see 3-toluic acid

6-methylbenzo(a)pyrene
(RN) 2381-39-7
(HM) *BENZOPYRENES

7-methylbenzo(a)pyrene
(RN) 63041-77-0
(HM) *BENZOPYRENES
(PA) CARCINOGENS

8-methylbenzo(a)pyrene
(RN) 63041-76-9
(HM) *BENZOPYRENES
(PA) CARCINOGENS
(NO) structure given in first source

2-methyl-p-benzoquinone see 2-methyl-1,4-benzoquinone

2-methyl-1,4-benzoquinone
(RN) 553-97-9
(SY) 2-methyl-p-benzoquinone
(HM) *QUINONES

3-methyl-2-benzothiazolinone hydrazone see 3-methyl-2-benzothiazolone hydrazone

3-methyl-2-benzothiazolone hydrazone
(RN) 1128-67-2
(RR) 14448-67-0 (unspecified HCl)
(RR) 4338-98-1 (mono-HCl)
(SY) 3-methyl-2-benzothiazolinone hydrazone
(SY) methyl-benzothiazol-2-on-hydrazone
(HM) *THIAZOLES
(NO) RN given refers to parent cpd

methyl-benzothiazol-2-on-hydrazone see 3-methyl-2-benzothiazolone hydrazone

3-methylbenzylalcohol dehydrogenase
(RN) EC 1.1.1.-
(HM) *ALCOHOL OXIDOREDUCTASES
(NO) involved in m-xylene metabolism by Pseudomonas paucimobilis

3-methylbenzyl alcohol
(RN) 587-03-1
(SY) 3-MBA
(HM) *BENZYL ALCOHOLS

N-methylbenzylamine
(RN) 103-67-3
(RR) 25079-90-7 (acetate)
(RR) 58863-74-4 (hydride)
(RR) 13426-94-3 (HCl)
(RR) 34102-54-0 (tosylate)
(SY) N-benzyl-N-methylamine
(HM) *BENZYLAMINES
(NO) precursor of carcinogen benzylmethylnitrosamine; RN given refers to parent cpd

4-methylbenzyl chloride
(RN) 104-82-5
(HM) *XYLENES

N-(4-methylbenzyl)decaprenylamine
(SY) N-PMB-decaprenylamine
(HM) *TERPENES
(PA) ANTINEOPLASTIC AGENTS
(NO) synthetic isoprenoid; structure given in first source

N-(o(-methylbenzyl)linoleamide see N-(2(-methylbenzyl)linolcamide

N-(2(-methylbenzyl)linoleamide
(RN) 14417-88-0
(RR) 20917-60-6 ((+)-isomer)
(RR) 20917-61-7 ((S-(Z,Z))-isomer)
(RR) 20917-22-0 ((Z,Z)-(+-)-isomer)
(SY) melinamide
(SY) N-(alpha-methylbenzyl)-cis,cis-octadeca-9,12-dienamide
(SY) N-(alpha-methylbenzyl)linoleamide
(SY) N-(o(-methylbenzyl)linoleamide
(HM) *LINOLEIC ACIDS
(PA) ANTICHOLESTEREMIC AGENTS
(NO) RN given refers to (Z,Z)-isomer; RN for cpd without isomeric designation not in Chemline 8/84; structure

methylbenzylnitrosamine see nitrosobenzylmethylamine

N-(4-methylbenzylthiocarbonyl)phenylalanine see KF 1492

N-(4-methylbenzylthiocarbonyl)-L-phenylalanine see KF 1492

1-methyl-4-(beta-aminoethyl)imidazole see tele-methylhistamine

1-methyl-beta-carboline-3-carboxamide see FG 7142

1-methyl-beta-carboline-3-carboxylic acid
(RN) 22329-38-0
(SY) 1-MBCCA
(HM) *CARBOLINES
(NO) metabolite from cows fed with corn silage; structure in first source

N'-methyl-N' beta-chloroethylbenzaldehyde hydrazone
(RN) 62037-49-4
(RR) 59884-33-2 (mono-HCl)
(HM) *HYDRAZONES
(NO) RN given refers to parent cpd; structure

24(R)-methyl-5 beta-cholestane-3 alpha,7 alpha,12 alpha,25-tetrol see 24-methylcholestane-3,7,12,25-tetrol

24(S)-methyl-5 beta-cholestane-3 alpha,7 alpha,12 alpha,25-tetrol see 24-methylcholestane-3,7,12,25-tetrol

methyl beta-decilonitroside see decilonitrose

methyl-2 beta-ethoxy-2 alpha-hydroxy-11 alpha-(3-methylbutyl-amino)-5 alpha-androstane-17 beta carboxylate see CCI 22277

methyl-6-O-beta-D-galactopyranosyl-D-galactopyranoside see methyl 6-O-D-galactopyranosyl-D-galactopyranoside

methyl beta-D-glucopyranoside see alpha-methylglucoside

methyl-beta-lactoside
(RN) 7216-69-5
(SY) methyl-beta-D-lactoside
(HM) *METHYLGLYCOSIDES

methyl-beta-D-lactoside see methyl-beta-lactoside

methyl beta-D-mannopyranoside see methylmannoside

methyl beta-D-thiogalactopyranoside see thiomethylgalactoside

methyl beta-D-thiogalactopyranoside phosphate
(RN) 23973-05-9
(SY) MeSGalP
(SY) methyl-beta-D-thiogalactopyranoside-6-phosphate
(SY) methylthiogalactoside phosphate
(SY) TMGP
(HM) *THIOGALACTOSIDES

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methyl-beta-D-thiogalactopyranoside-6-phosphate see methyl beta-D-thiogalactopyranoside phosphate

methyl beta-D-thiogalactoside see thiomethylgalactoside

N-methylbicuculline see bicuculline methochloride

3-methyl-(1,1'-biphenyl)-4-propionic acid nitrile see LU 20884

4-methyl-5-(bis(beta-chloroethyl)amino)uracil see chloroethylaminouracil

2-methyl-1,2(bis(pyridyl)-1-propanone see metapyrone

6-O-methylbouvardin
(HM) *PEPTIDES, CYCLIC
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(NO) structure given in first source

2-methyl-branched chain acyl coenzyme A dehydrogenase
(RN) EC 1.3.99.-
(SY) S-2-methylbutyryl-CoA dehydrogenase
(SY) isobutyryl-CoA dehydrogenase
(HM) *OXIDOREDUCTASES
(NO) involved in isoleucine & valine metabolism; from rat liver mitochondria

N-methylbromazepam
(RN) 1812-33-5
(HM) *BROMAZEPAM/analogs
(NO) urinary metabolite of bromazepam; structure given in first source

methylbromfenavinfos see methylbromfenvinphos

methylbromfenvinphos
(RN) 13104-21-7
(SY) IPO-63
(SY) O,O-dimethyl O-(1-(2,4-dichlorophenyl)-2-bromovinyl) phosphate
(SY) methylbromfenvinfos
(SY) methylbromphenvinphos
(HM) *CHLORFENVINPHOS/analogs
(PA) INSECTICIDES, ORGANOPHOSPHATE

methylbromide see methyl bromide

methyl bromide
(RN) 74-83-9
(RR) 28048-28-4 (14C-labeled cpd)
(SY) terabol
(SY) methylbromide
(HM) *HYDROCARBONS, BROMINATED
(NO) used in ionization chambers, degreasing wool, extracting oils; insect fumigant; high concentrations can produce pulmonary edema,narcosis; chronic exposure can cause CNS depression kidney injury; RN given refers to parent cpd; structure

1-methyl-3-(4-bromophenyl)-1-nitrosourea
(RN) 23139-02-8
(SY) Br-MPNU
(HM) *NITROSOUREA COMPOUNDS
(PA) CARCINOGENS

1-methyl-3-(4-bromophenyl)urea
(RN) 20680-07-3
(RR) 76502-65-3 (cpd with unspecified locants)
(SY) Br-MPU
(HM) *PHENYLUREA COMPOUNDS
(PA) CARCINOGENS
(NO) RN given refers to cpd with specified locants

methylbromophos see bromophos

methylbromphenvinphos see methylbromfenvinphos

N-methyl-N-(2,3-butadienyl)-1,4-butanediamine see MDL 72521

3-methylbutanal see isovalerylaldehyde

2-methylbutanone cyanohydrin
(HM) *NITRILES

3-O-methylbutein
(RN) 34000-39-0
(HM) *CHALCONE/analogs
(NO) RN given refers to (E)-isomer; RN for cpd without isomeric designation not in Chemline 5/84; structure given in first source

4-O-methylbutein
(RN) 13323-67-6
(HM) *CHALCONE/analogs
(NO) structure given in first source

2-methyl-3-buten-2-ol see 3-hydroxy-3-methyl-1-butene

6-(3-methyl-2-butenylamino)purine see N(6)-(delta(2)-isopentenyl)adenine

6-(3-methyl-2-butenyl)-1-phenazinecarboxylic acid
(RN) 85223-60-5
(SY) 6-MBPC
(HM) PHENAZINES
(PA) ANTIBIOTICS
(NO) from Streptomyces cinnamonensis; structure given in first source

2-(4-(3-methyl-2-butenyl)phenyl)propionic acid see TA 60

methyl t-butyl ether see methyl tert-butyl ether

N-3-methylbutyl-N-1-methylacetonylnitrosamine
(RN) 71016-15-4
(SY) MAMBNA
(SY) N-1-methylacetonyl-N-3-methylbutyl-nitrosamine
(HM) *NITROSAMINES
(NO) structure

3-methylbutyramide see isovaleramide

methyl butyrate
(RN) 623-42-7
(HM) *BUTYRATES

2-methylbutyrate
(RN) 116-53-0
(RR) 4033-83-4 (Na salt)
(RR) 600-07-7 ((+-)-isomer)
(SY) RS-2-methylbutyrate
(SY) alpha-methylbutyrate
(HM) *BUTYRATES
(NO) RN given refers to parent cpd without isomeric designation

3-methylbutyrylcarnitine
(RN) 31023-24-2
(RR) 76549-78-5 ((+-)-isomer)
(SY) isovalerylcarnitine
(HM) CARNITINE/*analogs
(NO) affects 2-oxo acid dehydrogenase activity in intact mitochondria of rat muscle; RN given refers to (R)-isomer; RN for cpd without isomeric designation not in Chemline 8/84

S-2-methylbutyryl-CoA dehydrogenase see 2-methyl-branched chain acyl coenzyme A dehydrogenase

2-methylbutyrylglycine
(RN) 52320-67-9
(HM) GLYCINE/*analogs

methyl caffeate
(RN) 3843-74-1
(HM) *CAFFEIC ACIDS
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(NO) from plant Gaillardia pulchella

1-methylcaffeine
(RN) 77196-81-7
(HM) CAFFEINE/*analogs

2-methylcaffeine
(HM) CAFFEINE/*analogs
(NO) metabolite of caffeine

N-methylcalycotomine
(HM) *ALKALOIDS
(NO) structure given in first source

methyl-cap endonuclease see methylated cap-dependent endonuclease

S-methylcaptopril
(RN) 78636-29-0
(RR) 88913-06-8 (Na salt(L-Pro)-(S)-isomer)
(HM) CAPTOPRIL/*analogs
(NO) RN given refers to parent cpd(L-Pro)-(S)-isomer; RN for cpd without isomeric designation not in Chemline 8/84

methyl carbamate
(RN) 598-55-0
(SY) carbamic acid, methyl ester
(HM) *CARBAMATES

N-methylcarbamate
(RN) 6414-57-9
(RR) 21847-56-3 (Na salt)
(HM) *CARBAMATES
(NO) RN given refers to parent cpd

methyl 8-carbamoyl-5-hydroxy-8-methyl-7,9-dioxabicyclo(4,3,0)non-2-ene-3-carboxylate see dioxolamycin

1-methyl-4-carbamoyl-5-phenyl-7-chloro-1,3,4,5-tetrahydro-2H-1,4-benzodiazepine-2-one see RGH 3331

1-methyl-3-carbamoylpyridinium see N(1)-methylnicotinamide

N-methylcarbazole
(RN) 1484-12-4
(RR) 27323-29-1 (cpd with unspecified methyl locant)
(SY) 9-methylcarbazole
(HM) *CARBAZOLES
(NO) RN given refers to cpd with methyl group in position 9

9-methylcarbazole see N-methylcarbazole

4H-3-methylcarboxamide-1,3-benzoxazin-2-one see caroxazone

methyl 4,6-O-(1-carboxyethylidene) galactopyranoside
(SY) MO beta DG
(SY) MODG
(HM) *METHYLGALACTOSIDES
(II) INDICATORS AND REAGENTS
(NO) ligand used for dissociating amyloid P from amyloid; structure given in first source

1-methyl-5-carboxylamide-2-pyridone see N'-methyl-2-pyridone-5-carboxamide

3-O-methylcatechin
(RN) 87367-19-9
(RR) 65350-86-9 ((2R-trans)-isomer)
(SY) 3',4',5,7-tetrahydroxy-3-methoxyflavan
(SY) meciadanol
(SY) 2-methoxy-5,7,3',4'-tetrahydroxyflavan
(SY) 3-MTHF
(HM) *CATECHIN/analogs
(NO) catechin metabolite; RN & NI from CA Vol 91 Form Index; RN given refers to cpd without isomeric designation

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4-methylcatechol
(RN) 452-86-8
(HM) *CATECHOLS
(NO) structure

methyl-CCA see 1-methylcyclohexanecarboxylic acid

methylcellosolve see methyl cellosolve

methyl cellosolve
(RN) 109-86-4
(RR) 32718-54-0 (cpd with unspecified methoxyethanol locants)
(RR) 28099-67-4 (Ca salt)
(RR) 20246-66-6 (K salt)
(RR) 3139-99-9 (Na salt)
(SY) ethylene glycol monomethyl ether
(SY) 2-methoxyethanol
(SY) methylcellosolve
(HM) *ETHYLENE GLYCOLS
(II) SOLVENTS
(NO) widely used industrial solvent for resins, lacquers, dyes & inks; may cause anemia macrocytosis, appearance of young granulocytes in blood; RN given refers to parent cpd

methyl chavicol see estragole

7-methylchenooxazoline
(RN) 80724-95-4
(RR) 85317-46-0 ((3alpha,7alpha)-isomer)
(HM) *CHOLANES
(II) BACTERIA/drug eff
(NO) RN given refers to (3alpha,5beta)-isomer; RN for cpd without isomeric designation not in Chemline 8/1/83; structure given in first source

N-methyl-p-chloroaniline see 4-chloro-N-methylaniline

2-methyl-((4'-4-chlorobenxoly)-2-phenoxy)propionic acid see procetofenic acid

2-methyl-((4'-p-chlorobenzoyl)-2-phenoxy)propionic acid see procetofenic acid

N-methyl-N-chloroethylhydrazine.HCl see N-methyl-N-chloroethylhydrazine

N-methyl-N-chloroethylhydrazine
(RN) 52752-08-6
(RR) 52752-07-5 (mono-HCl)
(RR) 59962-87-7 (HCl)
(SY) N-methyl-N-chloroethylhydrazine.HCl
(HM) *HYDRAZINES
(NO) RN given refers to parent cpd

methyl 6-((((2-chloroethyl)nitrosoamino)carbonyl) amino)-6-deoxy alpha-D-glucopyranoside see MCNU

methylchloroform see 1,1,1-trichloroethane

1-methyl-5-chloro-4-nitroimidazole
(RN) 4897-25-0
(SY) 1-methyl- 4-nitro-5-chloroimidazoles
(SY) NSC 7852
(HM) *NITROIMIDAZOLES

2-methyl-4-chlorophenoxy gamma-butyric acid
(RN) 94-81-5
(RR) 6062-26-6 (Na salt)
(SY) MCPB
(SY) 4-(4-chloro-2-methylphenoxy)butyric acid
(SY) tropotox
(HM) *BUTYRIC ACIDS
(HM) *MCPA/analogs
(PA) HERBICIDES
(NO) RN given refers to parent cpd; structure

2-methyl-4-chlorophenoxypropionic acid see mecoprop

2-(2-methyl-4-chlorophenylamino)-2-imidazoline
(RN) 4201-26-7
(RR) 4201-27-8 (HCl)
(SY) CDMI
(HM) CLONIDINE/*analogs
(PA) ANTI-INFLAMMATORY AGENTS
(NO) RN given refers to parent cpd; structure in first source

2-methyl-3-(4'-chlorophenyl)-4-oxo-3,4-dihydropyrido- (2,3-D)pyrimidine
(RN) 54716-26-6
(RR) 56222-64-1 (unspecified HCl)
(RR) 55236-29-8 (mono-HCl)
(HM) METHAQUALONE/*analogs
(PA) ANTICONVULSANTS
(NO) Aza analog of methaqualone; RN given refers to parent cpd; structure

N-methyl chlorpromazine see methochlorpromazine

3-methylcholanthrene binding proteins see 3-methylcholanthrene-binding protein

3-methylcholanthrene-binding protein
(SY) 3-methylcholanthrene binding proteins
(SY) 3-MCA-BP
(HM) *CARRIER PROTEINS

3-methylcholanthrene-9,10-dihydrodiol-7,8-epoxide see 9,10-dihydroxy-7,8-epoxy-7,8,9,10-tetrahydro-3-methylcholanthrene

methyl cholate
(RN) 1448-36-8
(SY) cholic acid, methyl ester
(HM) *CHOLIC ACIDS
(NO) RN given refers to (3 alpha,5 beta,7 alpha,12 alpha)-isomer; RN for cpd without isomeric designation not in Chemline 8/2/83

24-methyl-5-cholestane-3,5,6,22,24-pentol 6-acetate
(SY) 24-MCPA
(HM) *CHOLESTANOLS
(II) COELENTERATA
(NO) from coral Asterospicularia randalli

24-methylcholestane-3,7,12,25-tetrol
(SY) 24(R)-methyl-5 beta-cholestane-3 alpha,7 alpha, 12 alpha,25-tetrol
(SY) 24(S)-methyl-5 beta-cholestane-3 alpha,7 alpha, 12 alpha,25-tetrol
(SY) 24-MC-3,7,12,25-tetrol
(HM) *CHOLESTANOLS
(NO) structure given in first source

24-methylcholesterol see campesterol

methylcholine
(HM) CHOLINE/*analogs
(NO) article does not specify which isomer

3-methylchromone
(RN) 85-90-5
(HM) *CHROMONES

5-methylchrysene
(RN) 3697-24-3
(RR) 88389-64-4 (3H-labeled cpd)
(RR) 41637-90-5 (cpd with unspecified locants)
(HM) *CHRYSENES
(PA) CARCINOGENS
(NO) methylchrysenes in tobacco smoke are suspected to contribute to tumorigenicity of this inhalant; RN given refers to unlabeled cpd; structure

methyl cinnamate
(RN) 103-26-4
(RR) 19713-73-6 (cis-isomer)
(RR) 1754-62-7 (trans-isomer)
(RR) 58069-78-6 (propenoic-3-(14)C-labeled cpd)
(RR) 40319-75-3 (propenoic-3-(14)C-labeled cpd (E)-isomer)
(RR) 69256-75-3 (ion(1-))
(HM) *CINNAMATES
(NO) RN given refers to cpd without isomeric designation

2-(3-methylcinnamylhydrazono)propionate see BM 42304

2-methylcitrate see 2-methylcitric acid

3-methylcitrate
(HM) *CITRATES

2-methylcitric acid
(RN) 6061-96-7
(RR) 15885-24-2 (3H-labeled cpd)
(SY) 2-methylcitrate
(HM) *CITRATES
(NO) RN given refers to parent cpd

3-methylclonazepam see meclonazepam

methylcobalamin see mecobalamin

methylcobalamine see mecobalamin

methyl coenzyme M
(RN) 53501-90-9
(RR) 53501-94-3 (NH4 salt)
(SY) 2-(methylthio)ethanesulfonic acid
(SY) CH3-S-coenzyme M
(HM) 2-MERCAPTOETHANESULFONATE/*analogs
(NO) RN & NI from 9th CI Form Index; RN given refers to parent cpd

methyl coenzyme M methylreductase
(RN) EC 1.-
(SY) methylreductase
(HM) *OXIDOREDUCTASES
(II) COENZYME M
(II) MULTIENZYME COMPLEXES
(NO) crude extracts of Methanospirillum hungatii

methyl coenzyme M reductase
(RN) EC 1.12.-
(HM) *OXIDOREDUCTASES
(HM) 2-MERCAPTOETHANESULFONATE

6-methylcompactin see mevinolin

4-methylcoumarin-7-yl-5-acetamido-3,5-dideoxy-alpha-glycero-galacto-2-nonulopyranosidonic acid see 2'-(4-methylumbelliferyl)-alpha-D-N-acetylneuraminic acid

6-methylcoumarin
(RN) 92-48-8
(HM) *COUMARINS
(NO) synthetic fragrance causing contact photoallergy

trans-2-methylcrotonic acid see tiglic acid

methylcrotonoyl-CoA carboxylase
(RN) EC 6.4.1.4
(RR) 9023-95-4 (CRN)
(SY) 3-methylcrotonyl CoA carboxylase
(SY) beta-methylcrotonyl-CoA carboxylase
(HM) *LIGASES

methylcrotonyl CoA see tiglyl coenzyme A

3-methylcrotonyl CoA carboxylase see methylcrotonoyl-CoA carboxylase

3-methylcrotonylglycine see beta-methylcrotonylglycine

4-O-methylcryptochlorophaeic acid
(RN) 27587-68-4
(HM) *HYDROXYBENZOIC ACIDS
(NO) inhibits prostaglandin biosynthesis

methylcyanoacrylate see methyl 2-cyanoacrylate

methyl 2-cyanoacrylate
(RN) 137-05-3
(SY) methylcyanoacrylate
(HM) *CYANOACRYLATES
(II) TISSUE ADHESIVES
(NO) structure

3-methylcyanoguanidine
(HM) *GUANIDINES
(PA) HISTAMINE H2 RECEPTOR BLOCKADERS

methyl-(3-cyanomethyl-4-methoxyindole-1-yl-N-(4-deoxy-alpha lyxo-hexopyranoside))uronate see SF 2140

6-methyl-8-(2-cyano)propionamidoergoline see 2-cyano-3-(6-methylergolin-8 beta-yl)propionamide

1-methylcyclohexanecarboxylic acid
(RN) 1123-25-7
(RR) 72335-65-0 (Na salt)
(SY) methyl-CCA
(HM) *CYCLOHEXANECARBOXYLIC ACIDS
(NO) inducer of neuroblastoma morphological differentiation; RN given refers to parent cpd

6-methyl-3-cyclohexene-1-carboxylic acid 1- methylpropyl ester see siglure

5-(4-(1-methylcyclohexylmethoxy)benzyl)thiazolidine-2, 4-dione see ciglitazone

DL-3-methylcyclopentadecanone see muscone

3-methylcyclopentadecanone see muscone

2-methylcyclopentadienyl manganese tricarbonyl
(RN) 12108-13-3
(HM) *ORGANOMETALLIC COMPOUNDS
(HM) *MANGANESE
(NO) gasoline antiknock additive

4-methylcyclophosphamide
(RN) 52663-82-8
(RR) 64200-42-6 ((trans)-(+-)-isomer)
(RR) 64200-41-5 ((cis)-(+-)-isomer)
(RR) 61520-83-0 ((2S-cis)-isomer)
(RR) 61520-82-9 ((2R-cis)-isomer)
(RR) 61520-81-8 ((2R-trans)-isomer)
(RR) 61520-80-7 ((2S-trans)-isomer)
(RR) 57604-37-2 ((trans)-isomer)
(RR) 57604-36-1 ((cis)-isomer)
(HM) CYCLOPHOSPHAMIDE/*analogs
(NO) RN given refers to cpd without isomeric designation

N-(1-methyl)cyclopropylbenzylamine
(RN) 51586-25-5
(SY) NMCPBA
(SY) alpha-methyl-N-cyclopropylbenzylamine
(HM) *BENZYLAMINES
(PA) MONOAMINE OXIDASE INHIBITORS

methyl 5-cyclopropylcarbonyl-2-benzimidazolecarbamate see ciclobendazole

methyl-2-cysteamine see beta-mercaptopropylamine

methyl cysteine see mecysteine

S-methylcysteine
(RN) 7728-98-5
(RR) 19651-44-6 ((DL-Cys)-isomer)
(RR) 13331-74-? (HCl(L-Cys)-isomer)
(RR) 1187-84-4 ((L-Cys)-isomer)
(HM) CYSTEINE/*analogs
(NO) RN given refers to parent cpd without isomeric designation

S-methylcysteine sulfoxide see methiin

3-methylcytidine
(RN) 2140-64-9
(HM) CYTIDINE/*analogs

5-methylcytidine
(RN) 2140-61-6
(HM) CYTIDINE/*analogs

N-methylcytisine
(RN) 486-86-2
(RR) 20013-22-3 (mono-HI(1R-cis)-isomer)
(RR) 72244-17-8 (mono-HCl(1S)-isomer)
(HM) *ALKALOIDS
(PA) ANTHELMINTICS
(NO) alkaloid from Sophora flavescens with anthelmintic activity; RN given refers to parent cpd(1R)-isomer; RN for cpd without isomeric designation not in Chemline 8/84; structure given in first source

1-methylcytosine
(RN) 1122-47-0
(RR) 6749-81-1 (HCl)
(HM) CYTOSINE/*analogs
(NO) RN given refers to parent cpd

O-2-methylcytosine
(RN) 3289-47-2
(SY) O(2)MedC
(HM) CYTOSINE/*analogs
(NO) recognized by E. coli DNA repair enzymes; shown to exhibit strong miscoding properties

3-methylcytosine
(RN) 4776-08-3
(HM) CYTOSINE/*analogs

N(4)-methylcytosine
(RN) 6220-47-9
(SY) 4-methylaminocytosine
(HM) CYTOSINE/*analogs

5-methylcytosine
(RN) 554-01-8
(RR) 58366-64-6 (mono-HCl)
(HM) CYTOSINE/*analogs
(NO) occurs in nucleic acid; RN given refers to parent cpd; structure

3'-C-methyldaunorubicin
(HM) DAUNORUBICIN/*analogs
(NO) structure given in first source

5-methyl-dCTP see 5-methyldeoxycytidine triphosphate

10-methyl-10-deazaaminopterin
(RN) 80576-77-8
(SY) 10-methyl-10-deaza-aminopterin
(HM) AMINOPTERIN/*analogs
(PA) FOLIC ACID ANTAGONISTS
(NO) structure given in first source

10-methyl-10-deaza-aminopterin see 10-methyl-10-deazaaminopterin

2'-O-methyl-3-deazauridine
(RN) 57165-33-0
(HM) URIDINE/*analogs

N-methyldeferrioxamine B
(SY) methyl-DF
(HM) DEFEROXAMINE/*analogs
(II) CHELATING AGENTS
(NO) structure given in first source

N-methyldehydroalanine
(RN) 84888-65-3
(HM) ALANINE/*analogs

methyl 13,14-dehydro PGI2 see 13,14-dehydroprostaglandin I2 methyl ester

methyl 13,14-dehydro PGX see 13,14-dehydroprostaglandin I2 methyl ester

methyl demeton see metasystox-R

N(6)-methyldeoxyadenosine 5'-triphosphate
(RN) 5085-65-4
(SY) M6 DATP
(HM) ADENOSINE TRIPHOSPHATE/*analogs
(NO) RN given refers to 2'-deoxyadenosine isomer

N(6)-methyl-2'-deoxyadenosine
(RN) 2002-35-9
(SY) N(6)-Me-dAdo
(HM) DEOXYADENOSINE/*analogs
(NO) structure given in first source

N(6)-methyl-3'-deoxy-5'-adenylic acid
(RN) 4362-94-1
(SY) N(6)-methyl-3'-deoxy-5'-AMP
(SY) N(6)-MDAA
(HM) *DEOXYADENINE NUCLEOTIDES

N(6)-methyl-3'-deoxy-5'-AMP see N(6)-methyl-3'-deoxy-5'-adenylic acid

5-methyldeoxycytidine triphosphate
(RN) 22003-12-9
(SY) 5-methyl-dCTP
(HM) *DEOXYCYTOSINE NUCLEOTIDES

5-methyldeoxycytidine
(RN) 838-07-3
(HM) DEOXYCYTIDINE/*analogs

O(6)-methyldeoxyguanosine monophosphate see O(6)-methyldeoxyguanylic acid

O(6)-methyldeoxyguanosine triphosphate
(RN) 63642-16-0
(SY) O(6)-methyl-dGTP
(HM) *DEOXYGUANINE NUCLEOTIDES

O(6)-methyldeoxyguanosine see O(6)-methyl-2'-deoxyguanosine

O(6)-methyl-2'-deoxyguanosine
(RN) 964-21-6
(RR) 52225-08-8 ((alpha)-isomer)
(SY) O(6)-methyldeoxyguanosine
(HM) DEOXYGUANOSINE/*analogs
(NO) RN given refers to (beta)-isomer

O(6)-methyldeoxyguanylic acid
(RN) 63642-13-7
(SY) O(6)-methyldeoxyguanylic-acid
(SY) O(6)-methyldeoxyguanosine monophosphate
(SY) mdGMP
(HM) *DEOXYGUANINE NUCLEOTIDES
(NO) incorporated into DNA by DNA polymerase I & II

O(6)-methyldeoxyguanylic-acid see O(6)-methyldeoxyguanylic acid

N-methyldeoxynojirimycin
(RN) 69567-10-8
(SY) NMDNJ
(SY) N-methyldesoxynojirimycin
(HM) GLUCOSAMINE/*analogs
(PA) ANTIBIOTICS
(PA) ANTIVIRAL AGENTS
(NO) glucosidase inhibitor

O(4)-methyldeoxythymidine monophosphate see O(4)-methylthymidine monophosphate

O(4)-methyldeoxythymidine triphosphate see O(4)-methylthymidine triphosphate

O(2)-methyldeoxythymidine
(RN) 37085-48-6
(SY) 2-MDOT
(HM) THYMIDINE/*analogs

O(4)-methyldeoxythymidine see O-methylthymidine

N-methyldesoxynojirimycin see N-methyldeoxynojirimycin

methyl-DF see N-methyldeferrioxamine B

O(6)-methyl-dGTP see O(6)-methyldeoxyguanosine triphosphate

7-methyl-10,17-diacetoxy-4-estren-3-one
(SY) 7 alpha-methyl-10 beta,17 beta-diacetoxy-4 delta-estren-3-one
(SY) 7 beta-methyl-10,beta,17 beta-diacetoxy-4 delta-estren-3-one
(SY) MDEO
(HM) *ESTRENES
(PA) ABORTIFACIENT AGENTS, STEROIDAL

methyl-2,4-diamino-2,4-dideoxy-6-O-(2,6- diamino-2,6-dideoxy-alpha-D-glucopyranosyl)-beta-D-glucopyranoside
(RN) 86327-82-4
(SY) aminodisaccharide glycoside
(HM) *AMINOGLYCOSIDES
(PA) ANTI-INFECTIVE AGENTS
(NO) synthetic aminodisaccharide glycoside with antibiotic activity; structure resembling neamine given in first source

methyl diazene
(RN) 26981-93-1
(HM) *IMIDES

7-methyldibenzo(c,g)carbazole see N-methyl-7H-dibenzo(c,g)carbazole

N-methyl-7H-dibenzo(c,g)carbazole
(RN) 27093-62-5
(SY) 7-methyldibenzo(c,g)carbazole
(SY) 7-Me-DBC
(HM) *CARBAZOLES
(PA) CARCINOGENS
(NO) structure given in first source

methylDIC see 5-(3,3-dimethyl-1-triazeno)-1-methylimidazole-4-carboxamide

methyl dichlorfop see dichlorfop-methyl

methyl 4,6-dichloro-4,6-dideoxy-alpha-galactopyranoside
(RN) 4990-82-3
(SY) MDDGP
(HM) *METHYLGALACTOSIDES
(NO) inhibitor of sweet response in gerbils

1S,4S-N-methyl-4-(3,4-dichlorophenyl)-1,2,3,4-tetrahydro-1-naphthylamine see sertraline

O-methyl O-(2,2-dichlorovinyl) phosphate see caviphos

20-methyl-13,14-didehydro-2,4-m-interphenylene-PGI2 see 20-methyl-13,14-didehydro-2,4-inter-3-phenylene prostaglandin I2

20-methyl-13,14-didehydro-2,4-inter-3-phenylene prostaglandin I2
(SY) IFPG
(SY) 20-methyl-13,14-didehydro-2,4-m-interphenylene-PGI2
(HM) *PROSTAGLANDINS X
(HM) PROSTAGLANDINS, SYNTHETIC
(NO) has hepatoprotective effects

methyl 4,6-dideoxy-3-C-methyl-4-(N-methylacetamido) alpha-D-altropyranoside see methyl N-acetylsibirosaminide

methyl 9,10-12,3-diepoxystearate
(RN) 3012-69-9
(HM) *STEARATES

2-methyldiethylaminoethyl-4-p-phenylthiophenyl-3H- (1,5)benzodiazepine iodide see tibenzonium iodide

Methyl diethyldithiocarbamate
(RN) 686-07-7
(SY) diethyldithiocarbamate methyl ester
(HM) *DIETHYLDITHIOCARBAMATE/analogs

3-methyl-N,N-diethyl-p-phenylenediamine see CD-2

3-methyldigitoxigenin
(RN) 55547-62-1
(HM) DIGITOXIGENIN/*analogs
(NO) RN given refers to (3beta,5beta)-isomer; RN for cpd without isomeric designation not in Chemline 1/31/84

O-methyldihydroartemisinine see artemether

1-methyl-3,4-dihydro-beta-carboline see harmalan

11-methyl-15,16-dihydrocyclopenta(a)phenanthren-17-one see 15,16-dihydro-11-methylcyclopenta(a)phenanthren-17-one

5-methyl-10,11-dihydro-5H-dibenzo(a,d)cycloheptene-5,10-imine see MK 801

methyl 1,4-dihydro-2,6-dimethyl-3-nitro-4-(2-trifluoromethylphenyl)pyridine-5-carboxylate see Bay K 8644

2-methyl-1,4-dihydronaphthalene
(HM) *NAPHTHALENES

2-(8-methyl-10,11-dihydro-11-oxodibenz(b,f)oxepin-2-yl)propionic acid see AD 1590

methyl 20-dihydroprednisolonate
(SY) 11,17,20,20-tetrahydroxy-3-oxo-pregna-1,4-dien-21-oic acid methyl ester
(HM) PREDNISOLONE/*analogs
(PA) ANTI-INFLAMMATORY AGENTS

4-methyl-4',5'-dihydropsoralen
(RN) 24416-64-6
(HM) *PSORALENS

methyl 5-(3,6-dihydro-1(2H)-pyridyl)-2-oxo-2H-(1,2,4)oxadiazolo-2,3a-pyrimidine-7-carbamate see Ro 12-4713

methyl 7,8-dihydroretinoate
(RN) 51077-51-1
(SY) 13-cis-7,8-dihydroretinoic acid methyl ester
(HM) TRETINOIN/*analogs
(NO) RN given refers to 13-cis isomer; RN for cpd without isomeric designation not in Chemline 7/84

2-methyl-5,6-dihydro-1,3-thiazino(2,3-b)quinazolin-4-one
(RN) 85852-71-7
(SY) MHTQ
(HM) *QUINAZOLINES
(PA) ANTIHYPERTENSIVE AGENTS
(NO) structure given in first source

5-methyldihydrouracil see 5,6-dihydrothymine

methyl 1,3-dihydroxy 5-cholan-24-oate
(RN) 90134-61-5
(SY) 1 alpha,3 alpha-dihydroxy-5 beta-cholan-24-oic acid methyl ester
(SY) 1,3-DHCM
(HM) *CHOLIC ACIDS

methyl 7-(3,5-dihydroxy-2-(3-hydroxy-4-phenoxy-1-butenyl)cyclopentyl)-4,5-heptadienoate see fenprostalene

N-methyldimaprit see SK&F 92054

N-methyl-3,4-dimethoxy-beta-hydroxy-beta-phenethylamine see normacromerine

1-(4-methyl)-2,5-dimethoxyphenyl-2-aminobutane see dimoxamine

2-methyl-4-dimethylaminoazobenzene
(RN) 54-88-6
(HM) *METHYLDIMETHYLAMINOAZOBENZENE
(II) ISOMERISM

cis-2-methyl-4-(dimethylamino)methyl-1,3-dioxolane methiodide see methamilane methiodide

7-methyl-8-dimethylamino-10-D-ribitylisoalloxazine see roseoflavin

methyl 6,6-di-C-methyl-beta-D-galactopyranoside see methyl 6,6-di-C-methylgalactopyranoside

methyl 6,6-di-C-methylgalactopyranoside
(RN) 88071-55-0
(SY) methyl 6,6-di-C-methyl-beta-D-galactopyranoside
(HM) *METHYLGALACTOSIDES
(NO) structure given in first source

methyl-DL-N-(2,6-dimethylphenyl)-N-(methoxyacetyl)-alaninate see ridomil

2-methyl-3,5-dinitroaniline see 2-amino-4,6-dinitrotoluene

4-methyl-3,5-dinitroaniline see 4-amino-2,6-dinitrotoluene

2-(4-methyl-2,6-dinitroanilino)-N-methylpropionamide
(RN) 25272-41-7
(RR) 19458-62-9 ((+)-isomer)
(RR) 19450-72-7 ((R)-isomer)
(HM) *PROPIONATES
(PA) HERBICIDES
(NO) inhibitor of protein synthesis initiation; RN given refers to cpd without isomeric designation

N-methyl-N,N'-dinitroguanidine
(RN) 6810-09-9
(SY) MDNG
(HM) *GUANIDINES
(PA) CARCINOGENS

(3-methyl-2,5-dioxo-1-imidazolidin-1-yl)methyl-5-(1-methyl-4-piperidinylidene)-5H-dibenzo(a,d)cycloheptene-3-carboxylate see L 646462

cis methyldioxolane see 2-methyldioxolane

2-methyldioxolane
(RN) 497-26-7
(SY) cis methyldioxolane
(HM) *DIOXOLANES
(PA) MUSCARINIC AGENTS

2-methyl-3,3-diphenyl-3-propanolamine
(RN) 33860-73-0
(RR) 14185-09-2 (HCl(+)-isomer)
(RR) 14185-07-0 (HCl(-)-isomer)
(RR) 33887-05-7 (HCl)
(RR) 14317-13-6 (tartrate[1:1] salt(R-(R*,R*))-(-)-isomer)
(RR) 14185-08-1 ((+)-isomer)
(RR) 14185-06-9 ((-)-isomer)
(RR) 14185-05-8 (HCL(+-)-isomer)
(RR) 14184-94-2 (tartrate[1:1] salt(S-(R*,R*))-(+)-isomer)
(RR) 13500-65-7 (maleate[1:1] salt(Z)-(+-)-isomer)
(SY) 2-MDP
(HM) PHENYLPROPANOLAMINE/*analogs
(PA) ANESTHETICS, DISSOCIATIVE
(NO) elicits phencyclidine-like behavior in rats; RN given refers to (+-)-isomer; cpd without isomeric designation not in Chemline 6/84; structure given in first source

2-methyl-1,2-diphenyl-1-propanone
(RN) 13740-70-0
(RR) 77956-18-4 (1-(13)-C-labeled cpd)
(SY) 2-MDPP
(HM) METYRAPONE/*analogs
(NO) diphenyl analog of metyrapone; structure given in first source; RN given refers to unlabeled cpd

methyl disulfide see dimethyl disulfide

methyldithiocarbamate
(RN) 144-54-7
(RR) 39680-90-5 (NH4 salt)
(RR) 37611-74-8 (Fe salt)
(RR) 6734-80-1 (mono-Na salt,dihydrate)
(RR) 137-42-8 (Na salt)
(RR) 79403-05-7 (Mg salt[2:1])
(RR) 137-41-7 (mono-K salt)
(SY) carbathione
(SY) methyldithiocarbamic acid sodium salt
(SY) metham sodium
(SY) nematin
(HM) *THIOCARBAMATES
(PA) ANTHELMINTICS
(PA) ANTINEMATODAL AGENTS
(NO) RN given refers to parent cpd; carbathione refers to Na salt

methyldithiocarbamic acid sodium salt see methyldithiocarbamate

N-methyl-N-dithiocarboxyglucamine see N-methyl-D-glucamine dithiocarbamate

3-O-methyldobutamine
(HM) DOBUTAMINE/*analogs
(NO) dobutamine metabolite; structure given in first source

N-methyldodecylamine
(RN) 7311-30-0
(RR) 2292-50-4 (HCl)
(HM) *METHYLAMINES

O-methyldomesticine see nantenine

methyldopa 1,3-dioxolonylmethyl ester see methydopa (2-oxo-1,3-dioxol-4-yl)methyl ester

methyl L-dopa see levodopa methyl ester

N-methyldopamine diisobutyrate see SB 7505

methyldopa pivaloyloxyethyl ester
(RN) 81660-38-0
(RR) 55943-64-1 (HCl)
(SY) pivaloyloxyethyl methyldopa ester
(SY) POE methyldopa
(HM) METHYLDOPA/*analogs
(PA) ANTIHYPERTENSIVE AGENTS
(II) DELAYED-ACTION PREPARATIONS
(NO) prodrug of methyldopa; RN given refers to parent cpd; structure given in first source

3-O-methylDOPA see 3-methoxytyrosine

methyldosulepin see medosulepine

4'-O-methyldoxorubicin
(RN) 77121-90-5
(RR) 68102-51-2 (HCl(L-lyxo)-(8S-cis)-isomer)
(RR) 68102-52-3 ((L-arabino)-(8S-cis)-isomer)
(RR) 69350-36-3 (HCl(L-arabino)-(8S-cis)-isomer)
(HM) DOXORUBICIN/*analogs
(PA) ANTINEOPLASTIC AGENTS
(NO) RN given refers to parent cpd(L-lyxo)-(8S-cis)-isomer; RN for cpd without isomeric designation not in Chemline 8/84

methyl ecgonine see ecgonine methyl ester

2-methyl-8,12,14-eicosatrienoic acid
(SY) 2-methyl-8,12,14-EITA
(HM) *8,11,14-EICOSATRIENOIC ACID/analogs
(PA) PROSTAGLANDIN SYNTHASE/antag

2-methyl-8,12,14-EITA see 2-methyl-8,12,14-eicosatrienoic acid

2-methylellipticine see 2-methylellipticinium

2-methylellipticinium
(RN) 69467-91-0
(RR) 69492-82-6 (acetate)
(RR) 66604-68-0 (iodide)
(SY) 2-methylellipticine
(SY) NSC 226137
(HM) *ELLIPTICINES
(NO) RN given refers to parent cpd

16-methylene-17alpha-acetoxy-19-nor-4-pregnen-3,20-dione see ST-1435

6-(2-methyleneamino-2-phenylacetamido)penicillanic acid see methampicillin

2-methylene beta-alanine methyl ester
(RN) 87375-90-4
(HM) 3-AMINOPROPIONIC ACID/*analogs
(NO) toxic cpd isolated from Fasciospongia cavernosa

methylene bisacrylamide see N,N'-methylenebisacrylamide

N,N'-methylene-bis(acrylamide) see N,N'-methylenebisacrylamide

N,N'-methylenebisacrylamide
(RN) 110-26-9
(SY) methylene bisacrylamide
(SY) N,N'-methylenebis-2-propenamide
(SY) N,N'-methylene-bis(acrylamide)
(HM) *ACRYLAMIDES

N,N'-methylenebis(adenosine diphosphate)
(SY) Me-bis(ADP)
(HM) ADENOSINE DIPHOSPHATE/*analogs

N,N'-methylene-bis(2-amino-5-sulfhydryl- 1,3,4-thiadiazole)
(RN) 79319-85-0
(SY) MBAST
(HM) *THIADIAZOLES
(PA) PESTICIDES

N,N'-methylene-bis(2-amino-1,3,4-thiadiazole) see bis-A-TDA

methylene bis(4-cyclohexylisocyanate)
(RN) 5124-30-1
(RR) 13622-90-7 ((trans-trans)-isomer)
(SY) Hylene W
(SY) 4,4'-diisocyanatodicyclohexylmethane
(SY) dicyclohexylmethane-4,4'-diisocyanate
(HM) *CYANATES
(II) ALLERGENS
(NO) used in manufacture of polyurethane foam; RN given refers to cpd without isomeric designation

4,4'-methylenebis(2,6-diisopropylaniline)
(RN) 19900-69-7
(SY) 4,4'-MBDA
(HM) *ANILINE COMPOUNDS
(NO) used a polyurethane chain extender or epoxy curing agent

4,4'-methylenebis(N,N-dimethylbenzenamine) see N,N,N',N'-tetramethyl-4,4'-methylenedianiline

6,6'-methylenebis(2,2-dimethyl-4-methanesulfonic acid-1,2-dihydroquinoline)
(RN) 90829-56-4
(RR) 77228-64-9 (di-Na salt)
(SY) MTDQ-DA
(HM) *QUINOLINES
(II) ANTIOXIDANTS
(NO) structure given in first source

3,3'-methylenebis(6-hydroxybenzoic acid) see 5,5'-methylenedisalicylic acid

4,4'-methylenebis(3-hydroxy-2- naphtoic acid) naphthalenecarboxylic acid) see pamoic acid

4,4'-methylene bis(2-methylaniline)
(RN) 838-88-0
(SY) 4,4'-methylene di-ortho-toluidine
(SY) 3,3'-dimethyl-4,4' diaminodiphenylmethane
(HM) *TOLUIDINES
(NO) structure

N,N'-methylenebis-2-propenamide see N,N'-methylenebisacrylamide

4,4'-methylenebis-(tetrahydro-1,2,4-thiadiazine- 1,1- dioxide) see taurolin

methylene bis(thiocyanate)
(RN) 6317-18-6
(SY) methylene dithiocyanate
(HM) *THIOCYANATES
(II) DISINFECTANTS

6,6'-methylene bis(2,2,4-trimethyl-1,2-dihydroquinoline)
(RN) 41208-07-5
(SY) MTDQ
(HM) *QUINOLINES
(PA) RADIATION-SENSITIZING AGENTS
(PA) ANTINEOPLASTIC AGENTS
(II) ANTIOXIDANTS
(NO) structure

methylene bromide
(RN) 74-95-3
(RR) 69423-11-6 (ion(1+))
(RR) 56191-08-3 (80Br-labeled cpd)
(RR) 53617-81-5 (82Br-labeled cpd)
(RR) 14386-16-4 (79Br2-labeled cpd)
(RR) 40294-88-0 (80Br2-labeled cpd)
(RR) 56191-02-7 (82Br2-labeled cpd)
(SY) methylene dibromide
(SY) dibromomethane
(HM) *HYDROCARBONS, BROMINATED
(PA) MUTAGENS
(NO) RN given refers to parent cpd

24-methylenecholesterol
(RN) 474-63-5
(SY) ergosta-5,24(28)-dien-3 beta-ol
(HM) CHOLESTEROL/*analogs
(NO) RN given refers to (3beta)-isomer; RN for cpd without isomeric designation not in Chemline 8/84; structure

methylenecitric acid
(RN) 126-20-5
(SY) 4-oxo-1,3-dioxolane-5,5'-diacetic acid
(HM) *CITRATES
(NO) RN given refers to di-Na salt; RN for parent cpd not in Chemline 6/84; structure given in first source

methylenecyclopropylacetic acid
(RN) 1073-00-3
(RR) 60444-95-3 (Na salt)
(HM) *CYCLOPROPANES
(NO) metabolite of hypoglycin A; RN given refers to parent cpd

methylenedehydroacetoxyprogesterone
(RN) 805-84-5
(RR) 34182-35-9 ((9beta,10alpha)-isomer)
(SY) superlutin
(HM) *HYDROXYPROGESTERONES
(II) PROGESTATIONAL HORMONES, SYNTHETIC
(NO) RN given refers to cpd without isomeric designation; structure

4,4'-methylenedianiline see 4,4'-diaminodiphenylmethane

methylene dibromide see methylene bromide

22-methylene-20,22-dihydrodigitoxigenin
(RN) 69489-48-1
(RR) 69500-02-3 ((3beta,5beta,20R)-isomer)
(SY) 22-M-20,22-DDTG
(HM) DIGITOXIGENIN/*analogs
(PA) CARDIOTONIC AGENTS
(NO) RN given refers to (3beta,5beta,20S)-isomer; RN for cpd without isomeric designation not in Chemline 12/84

methylene dimethanesulfonate
(RN) 156-72-9
(HM) METHYL METHANESULFONATE/*analogs
(PA) ALKYLATING AGENTS
(II) SPERMATOGENESIS/drug eff

9-methylene-16,16-dimethyl PGE2 see 9-deoxo-16,16-dimethyl-9-methyleneprostaglandin E2

4,4-methylenedimorpholine
(RN) 5625-90-1
(HM) *MORPHOLINES
(NO) formaldehyde generator

1,1'-methylenedi-2-naphthol see Squoxin

4,4'-methylene di-ortho-toluidine see 4,4'-methylene bis(2-methylaniline)

2,3-methylenedioxyamphetamine see 1-(2,3-methylenedioxyphenyl)-2-aminopropane

3,4-methylenedioxybenzaldehyde see piperonal

3,4-methylenedioxybenzyl alcohol see piperonyl alcohol

5,6-methylenedioxy-9-methoxy-7H-dibenzo(de,h) quinoline-7-one see bianfugedine

3,4-methylenedioxyphenol see sesamol

1-(2,3-methylenedioxyphenyl)-2-aminopropane
(RN) 23693-17-6
(RR) 86029-48-3 (HCl)
(RR) 78093-97-7 (HCl(+-)-isomer)
(SY) 2,3-methylenedioxyamphetamine
(SY) 2,3-MDA
(HM) *3,4-METHYLENEDIOXYAMPHETAMINE
(II) ISOMERISM
(NO) RN given refers to cpd without isomeric designation

DL-2-(3,4-methylenedioxyphenyl)-2-hydroxyacetamidine; see olmidine

3,4-methylenedioxyphenylisobutylamine
(RN) 40742-32-3
(RR) 53581-65-0 (HCl(+-)-isomer)
(SY) HMDA
(HM)
*3,4-METHYLENEDIOXYAMPHETAMINE/analogs
(PA) HALLUCINOGENS

10,11-methylenedioxy-N-propylnoraporphine
(RN) 81264-57-5
(RR) 77630-07-0 (mono-HCl(R)-isomer)
(SY) MDO-NPA
(HM) APOMORPHINE/*analogs
(NO) dopaminergic prodrug; RN given refers to parent cpd(R)-isomer; RN for cpd without isomeric designation not in Chemline 8/84

4,4'-methylenediphenyl diisocyanate see 4,4'-diphenylmethane diisocyanate

methylene diphosphonate
(RN) 1984-15-2
(RR) 25681-89-4 (di-Na salt)
(RR) 39478-93-8 (tri-Na salt)
(RR) 6145-29-5 (tetra-Na salt)
(RR) 71939-23-6 (113Sn-labeled Sn(4+) salt)
(RR) 53459-46-4 (32P-labeled cpd tetra-Na salt)
(RR) 53459-44-2 (32P-labeled cpd)
(RR) 29329-67-7 (unspecified Na salt)
(SY) methylene diphosphonic acid
(SY) disodium methanediphosphonate
(SY) methane diphosphonate
(HM) *DIPHOSPHONATES
(NO) RN given refers to parent cpd; see also record for Tc-99m salt

methylene diphosphonic acid see methylene diphosphonate

5,5'-methylenedisalicylic acid
(RN) 122-25-8
(RR) 53863-53-9 (Zn[1:1] salt)
(SY) 3,3'-methylenebis(6-hydroxybenzoic acid)
(HM) *SALICYLIC ACIDS
(NO) inhibits attachment of ribosomes to microsomal membranes; RN given refers to parent cpd; structure in first source & Merck Index, 9th ed. #5934

methylene dithiocyanate see methylene bis(thiocyanate)

16-methylene-estradiol see 16-methylene estradiol

16-methylene estradiol
(RN) 7627-87-4
(SY) 16-methyleneestra-1,3,5(10)-triene-3,17 beta- diol
(SY) 16-methylene-estradiol
(HM) ESTRADIOL/*analogs
(PA) 20-HYDROXYSTEROID DEHYDROGENASES/antag
(NO) 20 alpha-hydroxysteroid dehydrogenase inactivator

16-methyleneestra-1,3,5(10)-triene-3,17 beta-diol see 16-methylene estradiol

16-methylene-estrone see 16-methylene estrone

16-methylene estrone
(RN) 10506-73-7
(SY) 3-hydroxy-16-methyleneestra-1,3,5(10)-triene-17-one
(SY) 16-methylene-estrone
(HM) ESTRONE/*analogs
(PA) 20-HYDROXYSTEROID DEHYDROGENASES/antag
(NO) 20 alpha-hydroxysteroid dehydrogenase inactivator

2-methylene-3(2H)-furanone
(RN) 92544-22-4
(SY) 2-MEFUE
(HM) *FURANS
(NO) structure given in first source

4-methyleneglutamic acid
(RN) 7150-74-5
(RR) 69637-73-6 (Na salt(L-Glu)-isomer)
(RR) 16804-57-2 ((L-Glu)-isomer)
(SY) 4-methylene-DL-glutamic acid
(SY) gamma-methylene glutamic acid
(HM) *GLUTAMATES
(NO) RN given refers to (DL-Glu)-isomer; RN for cpd without isomeric designation not in Chemline 6/29/83

4-methylene-DL-glutamic acid see 4-methyleneglutamic acid

4-methylene-L-glutamine amidohydrolase
(RN) EC 3.5.1.-
(HM) *AMIDOHYDROLASES
(NO) from peanut leaves

4-methyleneglutamine synthetase
(RN) EC 6.3.1.-
(HM) *LIGASES
(NO) catalyzes synthesis of 4-methyleneglutamine from 4-methyleneglutamic acid + NH3 in germinating peanuts

methylene hexadecanoic acid
(RN) 28453-34-1
(SY) methylenehexadecanoic acid
(HM) *FATTY ACIDS
(NO) cyclopropane fatty acid; RN given refers to cpd with unspecified methylene moiety

methylenehexadecanoic acid see methylene hexadecanoic acid

methylene hydroxylase see camphor-5-monooxygenase

methylene monooxygenase system see camphor-5-monooxygenase

cis-11,12-methyleneoctadecanoic acid see phytomonic acid

cis-9,10-methyleneoctadecanoic acid see dihydrosterculic acid

9,10-methyleneoctadecanoic acid see dihydrosterculic acid

3-methyleneoxindole
(RN) 1861-29-6
(HM) *INDOLES
(PA) ANTIVIRAL AGENTS
(II) SULFHYDRYL REAGENTS

16-methyleneprednisolone
(RN) 599-33-7
(HM) PREDNISOLONE/*analogs
(NO) RN given refers to (11beta)-isomer; RN for cpd without isomeric designation not in Chemline 8/84

6-methylene-4-pregnene-3,20-dione
(RN) 19457-57-9
(SY) 6-methylenepregn-4-ene-3,20-dione
(SY) 6-methyleneprogesterone
(HM) PROGESTERONE/*analogs
(NO) inhibits prostatic growth

6-methylenepregn-4-ene-3,20-dione see 6-methylene-4-pregnene-3,20-dione

6-methyleneprogesterone see 6-methylene-4-pregnene-3,20-dione

2-methylene-1,3-propanediyl-bis(methylcarbamate)-N-vinylpyrrolidone copolymer see copovithane

methylene radical see carbene

methylene reductase see 5,10-methylenetetrahydrofolate reductase (FADH2)

24-methylene sterol delta 24(28)-reductase see delta 24-sterol reductase

methylenesuccinic acid see itaconic acid

5,10-methylenetetrahydrofolate-deoxycytidylate 5-hydroxymethyltransferase see deoxycytidylate hydroxymethyltransferase

5,10-methylenetetrahydrofolate polyglutamate

(RN) 85917-14-2
(SY) 5,10-MTHFPG
(HM) *TETRAHYDROFOLATES

5,10-methylenetetrahydrofolate reductase (FADH2)

(RN) EC 1.1.99.15
(SY) methylene reductase
(HM) *ALCOHOL OXIDOREDUCTASES

5,10-methylenetetrahydrofolate

(RN) 3432-99-3
(RR) 31690-12-7 ((L-Glu)-(S)-iosmer)
(RR) 64395-42-2 ((D-Glu)-isomer)
(RR) 70194-49-9 (mono-HCl(L-Glu)-isomer)
(SY) tetrahydromethylenefolate
(HM) *TETRAHYDROFOLATES
(NO) RN given refers to parent cpd(L-Glu)-isomer; RN for cpd without isomeric designation not in Chemline 8/84

methylenetetrahydropteroylpolyglutamate

(SY) MTHPTPGL
(HM) *PTEROYLPOLYGLUTAMIC ACIDS

methylenomycin A

(RN) 52775-76-5
(HM) *ANTIBIOTICS
(NO) from Streptomyces; RN in Chemline for methylenomycin B: 52775-77-6; RN given refers to (1S-(1alpha,2alpha,5alpha))-isomer; RN for cpd without isomeric designation not in Chemline 8/84

N-methylephedrine

(RN) 17605-71-9
(RR) 552-79-4 ((R-(R*,S*))-isomer)
(RR) 18760-80-0 (HCl(R*,S*)-(+-)-isomer)
(RR) 65326-26-3 ((HCl(S-(R*,R*))-isomer)
(RR) 62560-55-8 ((R*,R*)-isomer)
(RR) 51018-28-1 ((S-(R*,R*))-isomer)
(RR) 39263-91-7 ((R*,S*)-isomer)
(RR) 38455-90-2 (HCl(R-(R*,S*))-isomer)
(RR) 4125-59-1 (HCl(R*,R*)-(+-)-isomer)
(RR) 1201-56-5 ((R*,S*)-(+-)-isomer)
(RR) 942-46-1 (HCl(R*,S*)-isomer)
(SY) methylephedrine
(HM) EPHEDRINE/*analogs
(NO) RN given refers to parent cpd

methylephedrine see N-methylephedrine

24-methyl-22,25-epoxy-5 alpha-furostan-2,3,11,20- tetrol 2-monoacetate see hippurin

methyl cis-9,10-epoxystearate see methyl 9,10-epoxystearate

methyl 9,10-epoxystearate

(RN) 2500-59-6
(RR) 2566-91-8 ((cis)-isomer)
(RR) 38003-69-9 ((2R-cis)-isomer)
(RR) 38003-77-9 ((2R-trans)-isomer)
(RR) 38003-75-7 ((2S-cis)-isomer)
(RR) 60416-13-9 (carboxy 14C-labeled cpd (cis)-isomer)
(RR) 6084-76-0 ((trans)-isomer)
(SY) cis-9,10-epoxymethylstearate
(SY) methyl cis-9,10-epoxystearate
(SY) trans-9,10-epoxystearate
(HM) *STEARATES
(NO) RN given refers to cpd without isomeric designation

methyl 10,11-epoxy-3,7,11-trimethyl-2,6-dodecanoate see juvenile hormone III

D-6-methyl-8-ergolin-1-ylacetic acid amide tartrate see VUFB-6683

2-methylerythritol see 3-C-methylerythritol

2-C-methylerythritol see 3-C-methylerythritol

3-methylerythritol see 3-C-methylerythritol

3-C-methylerythritol

(SY) 2-C-methylerythritol
(SY) 3-methylerythritol
(SY) 2-methylerythritol
(HM) ERYTHRITOL/*analogs
(NO) structure given in first source

N-methylerythromycin A

(RN) 82343-12-2
(HM) ERYTHROMYCIN/*analogs
(NO) structure given in first source

6-O-methylerythromycin A

(HM) ERYTHROMYCIN/*analogs
(NO) structure given in first source

methyl ester-SP see substance P, methyl ester-

methyl ester-substance P see substance P, methyl ester-

methyl ester trimethylsilyl ether 9-enol-PGE2 see 9-enol-prostaglandin E2 methyl ester trimethylsilyl ether

18-methylestradiol-3-methyl ether

(RN) 3625-82-9
(SY) 18-ME-3-ME
(HM) ESTRADIOL/*analogs

17-methylestradiol

(RN) 302-76-1
(RR) 61756-90-9 (hydrate(17beta)-isomer)
(RR) 61756-89-6 (hemihydrate(17beta)-isomer)
(SY) 17 alpha-methylestradiol
(HM) ESTRADIOL/*analogs
(NO) RN given refers to parent cpd(17beta)-isomer; RN for cpd without isomeric designation not in Chemline 8/84

2-methylestradiol

(RN) 1818-12-8
(HM) ESTRADIOL/*analogs
(NO) RN given refers to (17beta)-isomer; RN for cpd without isomeric designation not in Chemline 8/84

4-methylestradiol

(RN) 6171-48-8
(HM) ESTRADIOL/*analogs
(NO) RN given refers to (17beta)-isomer; RN for cpd without isomeric designation 8/84

1,1'-(methylethanediylidenedinitrilo) bis (3- aminoguanidine) see 1,1'-(methylethanediylidenedinitrilo)bis(3-aminoguanidine)

1,1'-(methylethanediylidenedinitrilo)bis (3-aminoguanidine)

(RN) 59200-49-6
(SY) MBAG
(SY) 1,1'-(methylethanediylidenedinitrilo) bis (3-aminoguanidine)
(HM) MITOGUAZONE/*analogs
(PA) S-ADENOSYLMETHIONINE DECARBOXYLASE/antag
(NO) irreversible inhibitor of S-adenosylmethionine decarboxylase; structure

N-methylethanolamine see N-methylaminoethanol

8-methyl ether of xanthurenic acid see xanthurenic acid 8-methyl ether

methylethoxy(2-dimethylaminoethylthio)phosphine oxide see 33 SN

1-(4-((2-(1-methylethoxy)ethoxy)methyl)phenoxy)-3-((1-methylethyl)amino)-2-propanol see bisoprolol

2-methyl-3(4-ethoxy)phenyl-4-quinazolone see lonetil M3

7-methylethoxyphosphinyloxy)-1-methylquinolinium iodide see 7-methylethoxyphosphinyloxy)-1-methylquinolinium

7-methylethoxyphosphinyloxy)-1-methylquinolinium

(SY) 7-methylethoxyphosphinyloxy)-1-methylquinolinium iodide
(SY) 7-MEPQ
(HM) *QUINOLINIUM COMPOUNDS
(PA) CHOLINESTERASE INHIBITORS

3-methyl-7-ethyl-9-alpha-ol-(4-chlorobenzoyloxy)-3,7-diazabicyclo(3.3.1)nonane HCl see yutac

2-methyl-3-ethylamino-7-aminophenoxazonium nitrate see punky blue

2-methyl-3-ethylamino-7-aminophenoxazonium see punky blue

9-(3-((1-methylethyl)amino)propyl-9H-fluorene-9-carboxamide see indecainide

methyl-7-ethyl-3,11-dimethyl-cis-10,11-oxido-trans, trans-2,6-tridecadienoate see juvenile hormone I

7-methyl-8-ethylflavin

(RN) 5720-14-9
(SY) 7-methyl-8-ethyl-10-(1'-D-ribityl)isoalloxazine
(HM) RIBOFLAVIN/*analogs

2-methyl-6-ethyl-3-hydroxypyridine

(RN) 42451-07-0
(SY) 2-Me-6-EHP
(HM) *PICOLINES
(II) ANTIOXIDANTS

6-methyl-2-ethyl-3-hydroxypyridine

(RN) 2364-75-2
(RR) 13258-59-8 (mono-HCl)
(SY) 2-ethyl-6-methyl-3-oxypyridine
(SY) 2-ethyl-6-methyl-3-hydroxypyridine
(SY) Epigid
(HM) *PICOLINES
(PA) RADIATION-PROTECTIVE AGENTS
(II) ANTIOXIDANTS
(NO) RN given refers to parent cpd; cpd used in second source was chlorhydrate

4,4'-(1-methylethylidene)bis(2,6-dichlorophenol) see tetrachlorodian

methylethyl ketone
(RN) 78-93-3
(SY) methyl ethyl ketone
(HM) *BUTANONES
(NO) solvent; colorless synthetic resins, smokeless powders; may be irritating to eyes, mucous membranes; may be toxic in high concentrations; structure

methyl ethyl ketone see methylethyl ketone

methyl ethyl ketone peroxide see ketonox

3-(1-methylethyl)-2-(4-methoxyphenyl)-3H-naphth(1,2-d) imidazole see MDL 035

methylethylnitrosamine
(RN) 10595-95-6
(SY) nitrosomethylethylamine
(SY) nitrosoethylmethylamine
(SY) ethylmethylnitrosamine
(HM) DIMETHYLNITROSAMINE/*analogs

2-methyl-3-ethyl-4-phenyl-4-cyclohexenecarboxylic acid see fenestrel

7-methyl-8-ethyl-10-(1'-D-ribityl)isoalloxazine see 7-methyl-8-ethylflavin

1-(4-(1-methylethyl)thiophenoxy-3-(octylamino))-2-propanol see tipropidil

methylethylthiophos
(RN) 2591-57-3
(HM) *ORGANOTHIOPHOSPHORUS COMPOUNDS
(PA) INSECTICIDES, ORGANOTHIOPHOSPHATE

4-(1-methylethyl)-2,6,7-trioxa-1-phosphabicyclo(2.2.2) octane-1-oxide see 4-isopropylbicyclophosphate

1-(2-methyleth-1-yn)-4-(hex-1,3-diyn-5-ene)-2,3-dithiacyclohex-1,3-diene see thiarubine A

methyleugenol
(RN) 93-15-2
(SY) 4-allyl-1,2-dimethoxybenzene
(HM) EUGENOL/*analogs
(PA) ANESTHETICS
(NO) structure

2-methyl-3-farnesyl-farnesyl-1,4-naphthoquinone see menaquinone 6

3-methylfentanyl isothiocyanate
(SY) super-FIT
(SY) Me-FIT
(HM) FENTANYL/*analogs
(II) INDICATORS AND REAGENTS
(NO) opiate receptor acylating reagent

3-methylfentanyl
(RN) 42045-86-3
(RR) 53758-22-8 ((cis)-(+)-isomer)
(RR) 53758-20-6 ((cis)-(-)-isomer)
(RR) 53758-19-3 (oxalate[1:1](trans)-(+-)-isomer)
(RR) 53758-18-2 ((trans)-(+-)-isomer)
(RR) 53758-17-1 (oxalate[1:1](cis)-(+-)-isomer)
(RR) 42045-87-4 (mono-HCl)
(RR) 78995-19-4 ((cis)-isomer)
(RR) 78995-18-3 (mono-HCl(cis)-isomer)
(RR) 65814-08-6 (oxalate[1:1](trans)-(+)-isomer)
(RR) 64416-45-1 (unspecified oxalate)
(RR) 53758-23-9 (mononitrate(cis)-(+)-isomer)
(RR) 53758-21-7 (oxalate[1:1](cis)-(-)-isomer)
(SY) N-(3-methyl-1-(2-phenylethyl)-4-piperidinyl)-N-phenylpropanamide
(SY) mefentanyl
(HM) FENTANYL/*analogs
(PA) ANALGESICS
(NO) RN given refers to parent cpd without isomeric designation

3-methylflunitrazepam see Ro 11-6893

2-methylfluoranthene
(RN) 33543-31-6
(HM) *FLUORENES

3-methylfluoranthene
(RN) 1706-01-0
(HM) *FLUORENES

9-methylfluorene
(RN) 2523-37-7
(HM) *FLUORENES
(PA) MUTAGENS
(NO) mutagenic towards Salmonella typhimurium TA98 & TA100 in presence of 9000xg supernatant from Aroclor-induced rats; structure in first source

3-O-methyl-fluorescein phosphatase
(RN) EC 3.6.1.-
(HM) *ADENOSINE TRIPHOSPHATASE, SODIUM, POTASSIUM
(NO) used for assay of Na-K-ATPase in intact tissues

3-O-methylfluorescein phosphate
(SY) 3-O-MFP
(HM) *FLUORESCEINS

methyl fluoride see fluoromethane

methyl(5-(4-fluorobenzoyl)-1H-benzimidazol- 2-yl) carbamate see flubendazole

methyl (5-fluoro-1H-2-oxo-4-pyrimidinyl beta-D-glucopyranoside)uronate see methyl 1-(5-fluoro-1H-2-oxopyrimidin-4-yl)-beta-D-glucopyranuronate

methyl 1-(5-fluoro-1H-2-oxopyrimidin-4-yl)-beta-D- glucopyranuronate
(RN) 64977-52-2
(SY) methyl (5-fluoro-1H-2-oxo-4-pyrimidinyl beta-D- glucopyranoside)uronate
(SY) FU-O-G
(HM) *PYRIMIDINE NUCLEOSIDES
(HM) FLUOROURACIL/*analogs
(NO) structure

1-methyl-5-(2-fluorophenyl)-7-chloro-1,3-dihydro-2H-(1,4)benzodiazepin-2-one see fludiazepan

N(10)-methylfolate
(RN) 2410-93-7
(SY) 1-methylpteroylglutamic acid
(HM) METHOTREXATE/*analogs

9-methylfolic acid see ninopterin

N-methylformamide see methylformamide

methylformamide
(RN) 123-39-7
(SY) monomethylformamide
(SY) NSC 3051
(SY) N-methylformamide
(HM) *FORMAMIDES
(PA) ANTINEOPLASTIC AGENTS

N-methylformimino methyl ester
(RN) 3619-30-5
(HM) *IMINES
(NO) potent olfactory blocker

N-methyl-N-formylhydrazine
(RN) 758-17-8
(HM) *MONOMETHYLHYDRAZINE/analogs
(NO) structure

N-methyl-N-formylhydrazone acetaldehyde see gyromitrin

N(5)-methyl-N(5)-formyl-2,5,6-triamino-4- hydroxypyrimidine
(RN) 77440-13-2
(SY) MFTAHP
(HM) *PYRIMIDINES
(NO) structure given in first source

methylfructofuranoside 1,6-biphosphate
(RN) 29685-36-7
(SY) methylfructose-1,6-diphosphate
(HM) *FRUCTOSEDIPHOSPHATES
(NO) RN given refers to (D)-isomer; RN for cpd without isomeric designation not in Chemline 9/7/83

methylfructose-1,6-diphosphate see methylfructofuranoside 1,6-biphosphate

3-((2-methyl-3-furanyl)methyl)-1,2,3,4,5,6-hexahydro-6,11-dimethyl-2,6-methano-3-benzazocin-8-ol see Mr 1268

2-methylfuran
(RN) 534-22-5
(SY) Sylvan
(SY) Silvan
(HM) *FURANS

3-methylfuran
(RN) 930-27-8
(RR) 27137-41-3 (cpd with unspecified locant for methyl group)
(HM) *FURANS
(II) AIR POLLUTANTS, ENVIRONMENTAL
(NO) RN given refers to cpd with specified locant for methyl group

5-methylfurfuryltrimethylammonium iodide see 5-methylfurtrethonium

5-methylfurmethide see 5-methylfurtrethonium

5-methylfurtrethonium iodide see 5-methylfurtrethonium

5-methylfurtrethonium
(RN) 14172-53-3
(RR) 32543-06-9 (hydroxide)
(RR) 1197-60-0 (iodide)
(SY) 5-methylfurmethide
(SY) 5-methylfurfuryltrimethylammonium iodide
(SY) 5-methylfurtrethonium iodide
(HM) MUSCARINE/*analogs
(PA) PARASYMPATHOMIMETICS
(NO) RN given refers to parent cpd; structure

methyl GABA see 4-aminobutyric acid methyl ester

methyl 6-O-D-galactopyranosyl-D-galactopyranoside
(RN) 24656-23-3
(SY) MeGal-D-Gal
(SY) methyl-6-O-alpha-D-galactopyranosyl-D-galactopyranoside
(SY) methyl-6-O-beta-D-galactopyranosyl-D-galactopyranoside
(HM) *DISACCHARIDES

3-O-methylgallate see 3-O-methylgallic acid

3-O-methylgallic acid
(RN) 3934-84-7
(SY) 3-O-methylgallate
(HM) GALLIC ACID/*analogs
(NO) structure in first source

N-methyl-gamma-(2-methylphenoxy)benzenepropanamine hydrochloride see tomoxetine

N-methyl-gamma-(2-methylphenoxy)phenylpropanolamine see nisoxetine

6'-N-methylgentamicin C see micronomicin

N-methyl-D-glucamine amphotericin B see amphoglucamine

N-methylglucamine antimonate see glucantime

N-methyl-D-glucamine dithiocarbamate
(RN) 91840-27-6
(SY) N-MGDC
(SY) N-methyl-N-dithiocarboxyglucamine
(HM) *CARBAMATES
(II) CHELATING AGENTS
(NO) antidote for cadmium intoxication; repeated administration can result in reduction in cadmium levels of kidney & liver; structure given in first source

methylglucamine iodamide see meglumine iodamide

methylglucamine iodipamide see meglumine iodipamide

methylglucamine iodoxamate
(RN) 51764-33-1
(RR) 51775-49-6 (unspecified meglumine)
(SY) Cholovue
(SY) iodoxamic acid meglumine salt
(SY) endomirabil
(HM) *IODOXAMIC ACID/analogs
(II) CONTRAST MEDIA
(NO) RN given refers to meglumine salt (2:1); parent cpd not in Chemline 6/29/83

methylglucamine ioglycamide
(RN) 14317-18-1
(RR) 29897-96-9 (unspecified meglumine salt)
(SY) 3,3'-(diglycoloyldiimino)bis(2,4,6- triiodobenzoic acid) 1-deoxy-1-aminoglucitol
(SY) meglumine ioglycamate
(SY) Biligram
(HM) *IOGLYCAMIC ACID/analogs
(II) CONTRAST MEDIA
(NO) RN given refers to meglumine salt[2:1]; RN for parent cpd not in Chemline 6/29/83

methylglucamine ioxitalamate see meglumine ioxithalamate

methylglucamine ioxithalamate see meglumine ioxithalamate

methylglucamine metrizoate see isopaque cerebral

methylglucamine orotate
(RN) 59404-17-0
(HM) OROTIC ACID/*analogs
(HM) MEGLUMINE/*analogs

1-O-methylglucose see alpha-methylglucoside

3-O-methylglucose
(RN) 146-72-5
(RR) 13224-95-8 ((beta-D)-glucopyranose cpd)
(RR) 13224-94-7 ((alpha-D)-glucopyranose cpd)
(RR) 3370-81-8 ((D)-glucopyranose cpd)
(RR) 78730-55-9 (11C-labeled cpd(D)-isomer)
(SY) 3-O-methyl-D-glucose
(HM) *METHYLGLUCOSIDES
(NO) RN given refers to unlabeled cpd(D)-isomer; RN for cpd without isomeric designation not in Chemline 8/84

3-O-methyl-D-glucose see 3-O-methylglucose

6-O-methylglucose
(RN) 2461-70-3
(HM) *METHYLGLUCOSIDES

4-O-methylglucuronic acid
(RN) 2463-49-2
(RR) 4120-73-4 ((D)-isomer)
(HM) *GLUCURONATES
(NO) RN given refers to cpd without isomeric designation

4-O-methyl glucuronoxylan
(SY) 4-O-methyl-D-glucurono-D-xylan
(HM) *XYLANS

4-O-methyl-D-glucurono-D-xylan see 4-O-methyl glucuronoxylan

3-methylglutaconic acid
(RN) 5746-90-7
(HM) *GLUTARATES

methylglutaconyl-CoA hydratase
(RN) EC 4.2.1.18
(SY) 3-hydroxy-3-methylglutaryl-CoA hydro-lyase
(HM) *HYDRO-LYASES
(NO) catalyzes conversion of 3-hydroxy-3-methylglutaryl-CoA to trans-3-methylglutaconyl-CoA & water

N-methylglutamate dehydrogenase
(RN) EC 1.5.99.5
(HM) *OXIDOREDUCTASES, N-DEMETHYLATING

N-methylglutamate synthase see methylamine-glutamate methyltransferase

4-methylglutamate see 4-methylglutamic acid

4-methylglutamic acid
(RN) 14561-55-8
(RR) 89463-41-2 (2-(13)C-labeled cpd (DL)-isomer)
(RR) 69637-71-4 (Na salt(erythro)-isomer)
(RR) 59685-03-9 ((DL)-isomer)
(RR) 6141-27-1 (threo-(L)-isomer)
(RR) 2596-04-5 ((L)-isomer)
(SY) 4-methylglutamate
(HM) *GLUTAMATES
(NO) RN given refers to parent cpd without isomeric designation

3-methylglutaric acid
(RN) 626-51-7
(HM) *3-HYDROXY-3-METHYLGLUTARIC ACID/analogs

S-methyl glutathione
(RN) 2922-56-7
(SY) S-methylglutathione
(HM) GLUTATHIONE/*analogs

S-methylglutathione see S-methyl glutathione

2-methyl-3-glutathionyl-1,4-naphthoquinone
(RN) 88467-65-6
(SY) M-GSSG-NQ
(HM) GLUTATHIONE/*analogs

N-methylglycinamide
(RN) 6250-76-6
(HM) METHYLGLYCINE/*analogs

methylglycol chitosan
(RN) 88650-88-8
(SY) MGCh
(HM) CHITIN/*analogs
(NO) affects spore germination

methylglyoxal dehydrogenase
(RN) EC 1.2.1.-
(HM) *ALDEHYDE OXIDOREDUCTASES
(NO) oxidizes methylglyoxal to pyruvate; requires NAD

methylglyoxal synthase
(RN) EC 4.2.99.11
(HM) *LYASES

N-methyl-N'-(3-(2-guanidinothiazol-4-yl)phenyl) formamidine see DA 4643

7-methylguanine DNA glycosylase
(RN) EC 3.2.2.-
(SY) 7-MG DNA glycosylase
(HM) *NUCLEOSIDASES
(II) DNA REPAIR

O(6)-methylguanine-DNA methyltransferase
(RN) EC 2.1.1.63
(SY) MG-DNA-methyltransferase
(SY) O(6)-methylguanine methyltransferase
(SY) O(6)-methylguanine DNA transmethylase
(SY) DNA-guanine methylase
(SY) guanine methylase
(SY) O(6)-alkylguanine-DNA alkyltransferase
(HM) *METHYLTRANSFERASES
(NO) from E coli wild type & ada mutants; demethylates O(6)-methylguanine residues in DNA

O(6)-methylguanine DNA transmethylase see O(6)-methylguanine-DNA methyltransferase

O(6)-methylguanine methyltransferase see O(6)-methylguanine-DNA methyltransferase

1-methylguanine
(RN) 938-85-2
(HM) GUANINE/*analogs

N(2)-methylguanine see 7-methylguanine

3-methylguanine
(RN) 2958-98-7
(HM) GUANINE/*analogs

O(6)-methylguanine see O-(6)-methylguanine

O-(6)-methylguanine
(RN) 20535-83-5
(SY) 6-methylguanine
(SY) O(6)-methylguanine
(HM) GUANINE/*analogs
(NO) structure

6-methylguanine see O-(6)-methylguanine

7-methylguanine
(RN) 578-76-7
(RR) 79679-75-7 (14C-labeled cpd)
(SY) N(2)-methylguanine
(HM) GUANINE/*analogs
(NO) RN given refers to unlabeled cpd; structure

7-methylguanosine-5'-monophosphate see 7-methylguanosine-5'-monophosphate

7-methylguanosine-5'-monophosphate
(RN) 10162-58-0
(SY) 7-methylguanosine 5'-phosphate
(SY) 7-methylguanosine-5'-monophosphate
(HM) *RNA CAP ANALOGS

7-methylguanosine 5'-phosphate see 7-methylguanosine-5'-monophosphate

7-methylguanosine 5'-triphosphate 4-aminophenyl gamma-ester see gamma-(4-aminophenyl) 7-methylguanosine 5'-triphosphate

2'-O-methylguanosine 5'-triphosphate
(RN) 61556-44-3
(SY) Gm(5')ppp
(HM) *RNA CAP ANALOGS

7-methylguanosine triphosphate
(RN) 26554-26-7
(SY) 7-methylguanosine 5'-triphosphate
(SY) m(7)GTP
(HM) *RNA CAP ANALOGS

7-methylguanosine 5'-triphosphate see 7-methylguanosine triphosphate

1-methylguanosine
(RN) 2140-65-0
(HM) GUANOSINE/*analogs

N(2)-methylguanosine see 7-methylguanosine

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2'-O-methylguanosine
(RN) 2140-71-8
(SY) Gm19
(HM) GUANOSINE/*analogs

3'-O-methylguanosine
(RN) 10300-27-3
(SY) 3-OMG
(HM) GUANOSINE/*analogs

6'-O-methylguanosine
(HM) GUANOSINE/*analogs

7-methylguanosine
(RN) 2140-77-4
(SY) N(2)-methylguanosine
(HM) GUANOSINE/*analogs
(II) RNA CAPS

3-methylharman
(RN) 22314-94-9
(HM) *HARMINE/analogs
(PA) ADRENERGIC ALPHA RECEPTOR BLOCKADERS

2-methyl-heptadecanoic acid see isostearic acid

3-methylheptadecanoic acid
(RN) 60787-51-1
(RR) 81367-60-4 (11C-labeled cpd)
(SY) beta-methylheptadecanoic acid
(HM) *FATTY ACIDS
(NO) myocardial metabolic tracer tagged with C-11; RN given refers to unlabeled cpd

2-(6'-methylheptanol-1'-yl)-3-hydroxymethyl-4-butanolide
(SY) MHHMB
(SY) 2-(6'-methylheptanoyl)-3-hydroxymethyl-4-butanolide
(HM) *4-BUTYROLACTONE/analogs
(NO) autoregulator; structure given in first source

2-(6'-methylheptanoyl)-3-hydroxymethyl-4-butanolide see 2-(6'-methylheptanol-1'-yl)-3-hydroxymethyl-4-butanolide

methyl heptine carbonate
(RN) 111-12-6
(HM) *CAPRYLATES
(II) PERFUME
(NO) structure

2-(1-methyl-n-heptyl)-4,6-dinitrophenyl crotonate see dinocap

4-methylheptylketone see 5-methyl-2-octanone

14-methylhexadecanoic acid
(RN) 5918-29-6
(RR) 5746-59-8 ((+-)-isomer)
(SY) 14-methylpalmitic acid
(HM) *PALMITIC ACIDS
(NO) RN given refers to cpd without isomeric designation

3-methylhexanedioic acid see 3-methyladipic acid

m-methylhippuric acid see 3-methylhippuric acid

p-methylhippuric acid see 4-methylhippuric acid

N-methylhippuric acid
(RN) 2198-64-3
(RR) 83934-52-5 (mono-Na salt(L-Ala)-isomer)
(PR) 17966-60-8 ((D-Ala)-isomer)
(RR) 3440-28-6 ((beta-Ala)-isomer)
(RR) 1205-02-3 ((DL-Ala)-isomer)
(HM) *HIPPURATES
(NO) RN given refers to parent cpd(L-Ala)-isomer; RN for cpd without isomeric designation not in Chemline 8/84

o-methylhippuric acid see 2-methylhippuric acid

2-methylhippuric acid
(RN) 42013-20-7
(SY) o-methylhippuric acid
(SY) ortho-methylhippuric acid
(HM) *HIPPURATES
(NO) urinary metabolite fo o-xylene

3-methylhippuric acid
(RN) 27115-49-7
(SY) meta-methylhippuric acid
(SY) m-methylhippuric acid
(HM) *HIPPURATES
(NO) urinary metabolite of m-xylene

4-methylhippuric acid
(RN) 27115-50-0
(SY) para-methylhippuric acid
(SY) p-methylhippuric acid
(HM) *HIPPURATES
(NO) urinary metabolite of p-xylene

2-methylhistamine
(RN) 34392-54-6
(RR) 36376-45-1 (di-HCl)
(HM) *METHYLHISTAMINES
(NO) RN given refers to parent cpd

3-methylhistamine
(RN) 644-42-8
(RR) 36475-47-5 (di-HCl)
(SY) tau-methylhistamine
(SY) N-tau-methylhistamine
(HM) *METHYLHISTAMINES
(NO) RN given refers to parent cpd

4-methylhistamine
(RN) 36507-31-0
(RR) 56489-91-9 (hydride)
(RR) 36376-47-3 (di-HCl)
(RR) 56489-91-9 (conjugate monoacid)
(HM) *METHYLHISTAMINES
(II) HISTAMINE H2 RECEPTORS
(NO) RN given refers to parent cpd

3-methylhistidine-TRH see 3-methyl-TRH

1-methylhistidine
(RN) 332-80-9
(RR) 69614-06-8 (di-HCl)
(HM) *METHYLHISTIDINES
(NO) found in muscle proteins; RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 8/4/83

3-methylhistidine
(RN) 368-16-1
(RR) 50599-61-6 (hydride)
(RR) 35166-53-1 (di-HCl)
(SY) N(tau)-methylhistidine
(HM) *METHYLHISTIDINES
(NO) marker for myofibrillar-protein breakdown; RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 6/29/83

4-methyl-1-homopiperazinedithiocarboxylic acid see FLA-57

2-methyl homoquinolinate see homoquinolinic acid, 2-methyl ester

O-methylhomoserine see methoxine

2-methyl-5-HT
(SY) 2-methylserotonin
(HM) SEROTONIN/*analogs
(NO) M-receptor agonist

1-methylhydantoin
(RN) 616-04-6
(HM) *HYDANTOINS
(NO) structure in first source

methyl hydroperoxy-epoxy-octadecenoate see methyl 9-hydroperoxy-12,13-epoxy-10-octadecenoic acid

methyl 9-hydroperoxy-12,13-epoxy-10-octadecenoic acid
(RN) 83700-86-1
(SY) methyl hydroperoxy-epoxy-octadecenoate
(SY) MHPEO
(HM) *EPOXY COMPOUNDS
(II) UNCOUPLING AGENTS

4-methyl-3-hydroxyanthranilic acid adenylyltransferase
(RN) EC 2.7.7.-
(SY) 4-MHA activating enzyme
(HM) *NUCLEOTIDYLTRANSFERASES
(II) SUBSTRATE SPECIFICITY
(NO) from Streptomyces chrysomallus; catalyzes the formation of 4-MHA in the presence of ATP

4-methyl-3-hydroxyanthranilic acid
(RN) 552-14-7
(RR) 23652-19-9 (ion(1-))
(HM) *ANTHRANILIC ACIDS
(NO) RN given refers to parent cpd

methylhydroxybenzimidate
(RN) 69731-90-4
(RR) 57943-60-9 (HCl)
(SY) Wood reagent
(HM) *IMIDOESTERS
(II) INDICATORS AND REAGENTS
(NO) bifunctional reagent for immunospecific labeling of cell surface antigens; RN given refers to parent cpd

methyl p-hydroxybenzoate see methylparaben

N-methyl-N-(3-hydroxybenzyl)hydrazinium dihydrogen phosphate see NSD-1034

5-methyl-8-(2-hydroxy-3-t-butylaminopropoxy)coumarin see bucumolol

2-methyl-3-hydroxybutyric acid
(RN) 473-86-9
(RR) 71526-30-2 ((R-(R*,S*))-isomer)
(HM) *HYDROXYBUTYRATES
(NO) metabolite from isoleucine; RN given refers to cpd without isomeric designation

9-methyl-10-hydroxydaunomycin see feudomycin D

methyl 11-hydroxy-3,20-dioxo-1,4-pregnadien-21-oate
(SY) MOHDOP
(HM) PREDNISOLONE/*analogs
(NO) structrure given in first source

methylhydroxydiphosphonate see hydroxymethanediphosphonic acid

methyl-3-hydroxydodec-5-enoate see methyl-3-hydroxydodec-5-enoic acid

methyl-3-hydroxydodec-5-enoic acid
(RN) 72864-23-4
(SY) methyl-3-hydroxydodec-5-enoate
(HM) *HYDROXY ACIDS

2-methyl-9-hydroxyellipticinium acetate see 2-methyl-9-hydroxyellipticinium

N(2)-methyl-9-hydroxyellipticinium see 2-methyl-9-hydroxyellipticinium

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2-methyl-9-hydroxyellipticinium
(RN) 58337-34-1
(RR) 58337-35-2 (acetate)
(RR) 58447-24-8 (iodide)
(RR) 76004-27-8 (ion(1+))
(SY) 9-HME
(SY) NSC 264-137
(SY) 9-hydroxy-2-methylellipticinium
(SY) 9-hydroxy-methyl-ellipticinium
(SY) NSC 264137
(SY) 9-hydroxy-2N-methyl-ellipticinium acetate
(SY) 2-methyl-9-hydroxyellipticinium acetate
(SY) celiptium
(SY) N(2)-methyl-9-hydroxyellipticinium
(SY) elliptinium
(HM) *ELLIPTICINES
(PA) ANTINEOPLASTIC AGENTS
(NO) synthetic ellipticine deriv; RN given refers to parent cpd; structure given in first source

1-methyl-1-(2-hydroxyethyl)aziridinium tosylate see cyclocholine

4-methyl-5-hydroxyethylthiazole see thiamine thiazole

1-(2-methyl-3-hydroxy-5-hydroxymethyl-4- pyridyl)-6,7-dihydroxy-1,2-3,4-tetrahydroisoquinoline
(RN) 36120-58-8
(SY) PTIQ
(HM) *TETRAHYDRONAPHTHALENES
(PA) ANTIHYPERTENSIVE AGENTS

methyl (4-(2-hydroxy-3-(isopropylamino)propoxy) phenylethyl)carbamate see pamatolol

1-methyl-4-(2-hydroxyisopropyl)cyclohex-1,2-en-6-ol see sobrerol

O-methylhydroxylamine see methoxyamine

methyl O-(4-hydroxy-3-methoxycinnamoyl)reserpate see CD-3400

1-methyl-1-(3-hydroxy-5-methyl-4-phenylhexyl) piperidinium see mepiperphenidol

2-methyl-5-hydroxy-1,4-naphthoquinone see plumbagin

2-methyl-9-hydroxyolivacinium acetate salt see 9-hydroxy-2-methylolivacinium

2-methyl-9-hydroxyolivacinium see 9-hydroxy-2-methylolivacinium

methyl 3-hydroxy-19-oxo-5-cholen-24-oyl glycinate 19-(O-carboxymethyl)oxime-bovine serum albumin conjugate
(SY) MCGCO-BSA
(HM) *CHOLIC ACIDS
(HM) *SERUM ALBUMIN
(II) ANTIGENS

methyl 4-(2-((2-hydroxy-2-phenethyl)amino)propyl) benzoate-2-butanedioate see BRL 26830A

N-methyl-N-(3-hydroxy-3-phenyl- 3-(alpha-thienyl) propyl)morpholinium iodide see tiemonium iodide

7-(2-(1-methyl-2-hydroxy-2-phenylethylamino)ethyl) theophylline monohydrochloride see norephendrinetheophylline

methylhydroxypyridine-carboxylate dioxygenase
(RN) EC 1.14.12.4
(HM) *HYDROXYLASES

5-methyl-8-hydroxyquinoline
(RN) 5541-67-3
(RR) 57334-55-1 (HCl)
(SY) 5-methyloxine
(SY) tiliquinol
(HM) *8-HYDROXYQUINOLINE/analogs
(PA) ANTIMALARIALS
(II) CHELATING AGENTS
(NO) RN given refers to parent cpd; structure in first source & in Negwer, 5th ed, #1202

1-methyl-6-hydroxytetrahydrocarboline see 6-hydroxy-1-methyltryptoline

1-methyl-6-hydroxytryptoline see 6-hydroxy-1-methyltryptoline

N-methylimidazole see 1-methylimidazole

N-methylimidazole-3-acetaldehyde see 1-methylimidazol-3-ylacetaldehyde

methylimidazoleacetic acid
(RN) 2625-49-2
(RR) 35454-39-8 (HCl)
(SY) 1-methyl-4-imidazoleacetic acid
(SY) tele-methylimidazoleacetic acid
(HM) *IMIDAZOLES
(NO) urinary metabolite of histamine & end product of histamine metabolism; RN given refers to parent cpd

1-methyl-4-imidazoleacetic acid see methylimidazoleacetic acid

1-methylimidazole
(RN) 616-47-7
(SY) N-methylimidazole
(HM) *IMIDAZOLES

1-methylimidazol-3-ylacetaldehyde
(RN) 19639-03-3
(SY) N-methylimidazole-3-acetaldehyde
(HM) *IMIDAZOLES

3,3'-methylimino-bis-(N-methylpropylamine) see 3,3'-methyliminobis(N-methylpropylamine)

3,3'-methyliminobis(N-methylpropylamine)
(RN) 123-70-6
(SY) 3,3'-bis(methylamino)-N-methyldipropylamine
(SY) 3,3'-methylimino-bis-(N-methylpropylamine)
(SY) 3,3'-bis(methylamino)-N-methyl-dipropylamine
(HM) *POLYAMINES
(II) NEUROTOXINS
(NO) neurotoxic triamine; structure given in first source

2-methyl-4,4'-((4-imino-2,5-cyclohexadien-1-ylidene) methylene)dianiline see rosaniline

2-methyliminodiacetic acid see strombine

erythro-DL-1-(7-methylindan-4-yloxy)-3-isopropylaminobutan-2-ol see ICI 118,551

2-methylindole
(RN) 95-20-5
(RR) 27826-16-0 (Na salt)
(HM) *INDOLES
(NO) SKATOLE refers to 3-methylindole; RN given refers to parent cpd; structure

1-methylinosine
(RN) 2140-73-0
(HM) INOSINE/*analogs

7-methylinosine
(RN) 20245-33-4
(HM) INOSINE/*analogs

methyl iodide
(RN) 74-88-4
(RR) 16170-82-4 (14C-labeled cpd)
(RR) 2722-33-0 (131I-labeled cpd)
(RR) 4227-95-6 (13C-labeled cpd)
(RR) 54245-42-0 (11C-labeled cpd)
(RR) 14904-97-3 (132I-labeled cpd)
(HM) *HYDROCARBONS, IODINATED
(NO) RN given refers to unlabeled cpd with MF of CH3-I

N-methyl-2-iodo-LSD see N(1)-methyl-2-iodo-lysergic acid diethylamide

N(1)-methyl-2-iodo-lysergic acid diethylamide
(SY) 2-I-MIL
(SY) N-methyl-2-iodo-LSD
(HM) LYSERGIC ACID DIETHYLAMIDE/*analogs
(NO) preferred ligand for serotonin 5-HT(2) receptors

N-methylisatin beta-4',4'-diethylthiosemicarbazone
(RN) 6452-15-9
(SY) M-IBDET
(HM) *METHISAZONE/analogs

10-methylisoalloxazine
(RN) 4074-58-2
(HM) RIBOFLAVIN/*analogs

2-methylisoborneol
(RN) 2371-42-8
(HM) *BORNANES
(II) ODORS
(NO) structure

methyl isobutyl ketone
(RN) 108-10-1
(HM) *METHYL N-BUTYL KETONE
(II) ISOMERISM

methyl isocyanate
(RN) 624-83-9
(SY) methylisocyanate
(HM) *CYANATES
(PA) ANTISICKLING AGENTS
(NO) structure

methylisocyanate see methyl isocyanate

N-(D-6-methyl-8-isoergolin-1-yl)-N',N'-diethylurea see dironyl

1-methylisoguanosine see doridosine

N(1)-methylisoguanosine see doridosine

1-methyl-4-isohexylcyclohexanecarboxylic acid see IG-10

1-methyl-2-isopropylbenzene
(RN) 527-84-4
(SY) ortho-cymol
(HM) *TERPENES

3-methyl-5-isopropylphenyl N-methylcarbamate see promecarb

5-methylisopsoralen see 5-methylangelicin

methylisothiocyanate
(RN) 556-61-6
(SY) methyl isothiocyanate
(HM) *THIOCYANATES
(II) PESTICIDES
(II) DISINFECTANTS
(NO) structure

methyl isothiocyanate see methylisothiocyanate

p-methylisothiocyanato-clonidine see clonidine 4-methylisothiocyanate

O-methylisourea
(RN) 2440-60-0
(RR) 5329-33-9 (HCl)
(RR) 52328-05-9 (sulfate[2:1])
(RR) 29427-58-5 (monosulfate)
(RR) 24285-39-0 (sulfate)
(SY) O-methylisouronium
(HM) *METHYLUREA COMPOUNDS
(NO) RN given refers to parent cpd

O-methylisouronium see O-methylisourea

methyl 9-keto-11,15-dihydroxy-16-phenoxy-17,18,19,20-tetranorprosta-4,5,13-trienoate see enprostil

methyl leucine see leucine methyl ester

N-methyllevallorphan see SR 58002

N-methyllevallorphan iodide see SR 58002

N-methyllevonantradol see N-methylnantradol

N-methyllidocaine
(RN) 29199-61-9
(RR) 51264-35-8 (methanesulfonate)
(RR) 5369-02-8 (bromide)
(RR) 1462-71-1 (iodide)
(SY) W 49091
(SY) W-49091
(HM) LIDOCAINE/*analogs
(NO) RN given refers to chloride; RN for parent cpd not in Chemline 8/85

methyl linoleate
(RN) 112-63-0
(RR) 20235-41-0 (1-(14)C-labeled cpd(Z,Z)-isomer)
(RR) 20221-27-6 ((Z,E)-isomer)
(RR) 20221-26-5 ((E,Z)-isomer)
(RR) 2566-97-4 ((E,E)-isomer)
(HM) *LINOLEIC ACIDS
(NO) RN given refers to unlabeled cpd(Z,Z)-isomer; RN for cpd without isomeric designation not in Chemline 8/84

methyl linoleate hydroperoxide
(RN) 27323-65-5
(HM) *LIPID PEROXIDES
(NO) RN given refers to (Z,Z)-isomer; RN for cpd without isomeric designation not in Chemline 8/84

methyl lithocholate
(RN) 1249-75-8
(RR) 5405-42-5 ((3beta,5beta)-isomer)
(RR) 15074-02-9 ((3beta,5alpha)-isomer)
(RR) 22574-43-2 (24-(14)C-labeled cpd (3alpha,5beta)-isomer)
(RR) 22574-42-1 (3H-labeled cpd (3beta,5alpha)-isomer)
(SY) lithocholic acid, methyl ester
(HM) LITHOCHOLIC ACID/*analogs
(NO) RN given refers to (3alpha,5beta)-isomer; RN for cpd without isomeric designation not in Chemline 8/2/83

methyllorazepam see lormetazepam

3-methyllumiflavin
(RN) 18636-32-3
(HM) *FLAVINS
(NO) structure

7-methyllumizine
(HM) *PTERIDINES
(NO) oxidative degradation product of 7-methyl-substituted pteridines in methanogenic bacteria; no other info available 6/85

N(6)-methyllysine see epsilon-N-methyllysine

3'-methyl-4-MAB see 3'-methyl-4-methylaminoazobenzene

2-methylmaleic anhydride see citraconic anhydride

methyl malonate
(RN) 108-59-8
(SY) dimethyl malonate
(HM) *MALONATES
(NO) do not confuse with methylmalonate, i.e., malonic acid substituted with a methyl group on C2; structure

methylmalondialdehyde
(RN) 16002-19-0
(HM) *MALONDIALDEHYDE/analogs
(NO) structure given in first source

methylmalonyl CoA see methylmalonyl-coenzyme A

methylmalonyl-CoA carboxyltransferase
(RN) EC 2.1.3.1
(SY) transcarboxylase
(HM) *TRANSFERASES

methylmalonyl-CoA decarboxylase see propionyl-CoA carboxylase

methylmalonyl-CoA epimerase see methylmalonyl-coenzyme A racemase

D-methylmalonyl CoA hydrolase see D-methylmalonyl coenzyme A hydrolase

methylmalonyl-CoA racemase see methylmalonyl-coenzyme A racemase

methylmalonyl-coenzyme A
(RN) 1264-45-5
(SY) methylmalonyl CoA
(SY) coenzyme A, methylmalonyl-
(HM) MALONYL COENZYME A/*analogs

D-methylmalonyl coenzyme A hydrolase
(RN) EC 3.1.2.-
(SY) D-methylmalonyl CoA hydrolase
(HM) *THIOLESTER HYDROLASES
(NO) does not act on L-methylmalonyl-CoA

methylmalonyl-coenzyme A racemase
(RN) EC 5.1.99.1
(SY) methylmalonyl-CoA racemase
(SY) methylmalonyl-CoA epimerase
(HM) *RACEMASES

methyl D-mannopyranoside see methylmannoside

methylmannose see methylmannoside

3-O-methylmannose
(RN) 2922-60-3
(RR) 5153-62-8 ((D)-isomer)
(HM) *METHYLMANNOSIDES
(NO) RN given refers to cpd without isomeric designation

methylmannoside
(RN) 51023-63-3
(RR) 617-04-9 (alpha-D)-isomer
(SY) alpha-methylmannoside
(SY) methyl alpha-D-mannopyranoside
(SY) methyl beta-D-mannopyranoside
(SY) beta-methylmannoside
(SY) alpha-methylmannose
(SY) alpha-methyl-D-mannose
(SY) methylmannose
(SY) methyl D-mannopyranoside
(HM) *METHYLMANNOSIDES
(NO) RN given refers to (D)-isomer; RN for cpd without isomeric designation not in Chemline 8/84; see also record for 3-O-methylmannose

methyl mannoside
(RN) 25281-48-5
(RR) 27939-30-6 ((alpha-D)-isomer
(SY) methyl-alpha-D-mannoside
(HM) *MANNOSIDES
(NO) RN given refers to cpd without isomeric designation

methylmercaptan
(RN) 74-93-1
(RR) 35029-96-0 (Pb(2+) salt)
(RR) 21094-80-4 (Hg(2+) salt)
(RR) 5188-07-8 (Na salt)
(SY) methanethiol
(HM) *SULFHYDRYL COMPOUNDS
(II) AIR POLLUTANTS, OCCUPATIONAL
(NO) intermediate in the manufacturing of jet fuels, pesticides, fungicides, plastics, synthesis of methionine; odor may cause nausea; narcotic in high concentrations; depresses urea biosynthesis; RN given refers to parent cpd; structure

methyl 4-mercaptobutyrimidate
(RN) 64821-63-2
(RR) 50280-42-7 (HCl)
(SY) 2-iminothiolane
(HM) *IMIDOESTERS
(II) CROSS-LINKING REAGENTS
(NO) used as a cross-linking agent to study ribosomal proteins, by making disulfide linkages; RN given refers to parent cpd; structure

4-methylmercapto-2-oxobutyrate see 2-keto-4-methylthiobutyric acid

4-(methylmercapto)phenyl succinimidyl succinate
(RN) 86451-38-9
(SY) MMPSS
(HM) *SUCCINIMIDES
(II) CROSS-LINKING REAGENTS
(NO) coupling reagent for preparation of polysarcosine-grass pollen allergen extract conjugates; structure given in first source

methylmercaptopropionaldehyde see methional

S-methylmercaptopropionylglycine see S-methylthiola

1-methyl-2-mercapto-5-(3-pyridyl)imidazole see KC-6141

1-methyl-5-mercaptotetrazole see 1-N-methyl-5-thiotetrazole

methylmercuric chloride
(RN) 115-09-3
(RR) 54173-04-5 (203Hg-labeled cpd)
(HM) *METHYLMERCURY COMPOUNDS
(NO) RN given refers to unlabeled cpd

methylmercuric hydroxide see methylmercury hydroxide

methylmercuric iodide
(RN) 143-36-2
(SY) iodomethylmercury
(SY) methylmercury iodide
(HM) *METHYLMERCURY COMPOUNDS

methylmercurydicyandiamide see panogen 15

methylmercury hydroxide
(RN) 1184-57-2
(SY) methylmercuric hydroxide
(SY) CH(3)HgOH
(HM) *METHYLMERCURY COMPOUNDS

methylmercury II
(RN) 22967-92-6
(SY) methylmercury(II) cation
(HM) *METHYLMERCURY COMPOUNDS

methylmercury(II) cation see methylmercury II

methylmercury iodide see methylmercuric iodide

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methylmethacrylate
(RN) 9011-14-7
(RR) 52441-53-9 (simplex)
(RR) 65802-94-0 (simplex P)
(RR) 55840-51-2 (surgical simplex P)
(RR) 52441-54-0 (simplex opaque)
(RR) 64924-61-4 (surgical simplex bone cement, NH4 salt)
(RR) 25188-98-1 (isostatic)
(RR) 25188-97-0 (syndiostatic)
(RR) 9008-29-1 (plexiglass)
(SY) palacos
(SY) sol
(SY) plexiglas
(SY) methyl acrylate plastic
(SY) Kallocryl
(SY) Plexiglass
(SY) Kallocryl A
(SY) Lucite
(SY) Zimmer bone cement
(SY) acrylic bone cement
(SY) superacryl
(SY) simplex
(SY) Perspex
(SY) Cranioplast
(HM) *METHYLMETHACRYLATES
(II) COLLOIDS
(II) BONE CEMENTS
(NO) acrylic bone cement; RN given refers to methylmethacrylate homopolymer

threo-5-methylmethadone see 5-methylmethadone

5-methylmethadone
(RN) 51673-47-3
(RR) 81495-91-2 ((S-(R*,R*))-isomer)
(RR) 60307-74-6 ((R*,R*)-isomer)
(RR) 60307-65-5 (HCl(R*,S*)-(+-)-isomer)
(RR) 81600-38-6 ((R-(R*,S*))-isomer)
(SY) erythro-5-methylmethadone
(SY) threo-5-methylmethadone
(HM) METHADONE/*analogs
(NO) RN given refers to parent cpd(R*,S*)-isomer; RN for cpd without isomeric designation not in Chemline 8/84

erythro-5-methylmethadone see 5-methylmethadone

methyl methanesulfonothioate see methyl methanethiosulfonate

methyl methanethiolsulfonate see methyl methanethiosulfonate

methyl methanethiosulfonate
(RN) 2949-92-0
(SY) MMTS
(SY) methyl methanesulfonothioate
(SY) methyl methanethiolsulfonate
(HM) METHYL METHANESULFONATE/*analogs

methyl methionine see methionine methyl ester

1-methyl-6-methoxy-dehydro-beta-carboline
(SY) 1-Me-6-MDHBC
(HM) *CARBOLINES

2-methyl-4-methoxymethyl-5-cyano-6-oxypyridine
(RN) 6339-38-4
(HM) *PYRIDONES
(NO) structure in first source

2-methyl-3-(2'-methoxy-4'-nitrophenyl)-4(3H)-quinazolinone see nitromethaqualone

16(S)-methyl-20-methoxy-PGE2 see YPG-209

16-methyl-16-methoxy-PGE2 see L 14224

16-methyl-20-methoxy-PGE2 see YPG-209

DL-N-methyl-3-(o-methoxyphenoxy)-N-methyl-3-phenylpropylamine see nisoxetine

16(S)-methyl-20-methoxyprostaglandin E2 see YPG-209

16-methyl-16-methoxyprostaglandin E2 see L 14224

1-methyl-6-methoxy-tetrahydro-beta-carboline
(SY) 1-Me-6-MTHBC
(HM) *CARBOLINES

3-methyl-8-methoxy-(3H)-1,2,5,6-tetrahydropyrazino(1,2,3-ab)-beta-carboline see metralindole

2'-O-methyl-1-methyladenosine
(HM) ADENOSINE/*analogs
(NO) nucleoside in ragi (Eleusine coracana) tRNA

N-methyl-N'-methyl-2'-allyl-2-benzoyl-4-chloroglycinanilide see F 1797

N-methyl-2-(o-methyl-alpha-phenylbenzyloxy)ethyl amine see tofenacin

3'-methyl-N-methyl-4-aminoazobenzene see 3'-methyl-4-methylaminoazobenzene

3'-methyl-4-methylaminoazobenzene
(RN) 2058-62-0
(SY) 3'-methyl-4-MAB
(SY) 3'-Me-MAB
(SY) 3'-methyl-N-methyl-4-aminoazobenzene
(HM) DIMETHYLAMINOAZOBENZENE/*analogs

15-methyl-10-methylamino-10,11-dihydrodibenzo(b,f)-azepine see metapramine

methyl-3-C-methyl-6-desoxy-beta-D-xylopyranoside see virenomycin

N-methyl-3,4-methylenedioxyamphetamine
(RN) 42542-10-9
(RR) 81262-70-6 ((R)-isomer)
(RR) 64057-70-1 (HCl)
(RR) 69610-10-2 ((+-)-isomer)
(RR) 69558-32-3 (HCl(S)-isomer)
(RR) 69558-31-2 (HCl(R)-isomer)
(RR) 66142-89-0 ((S)-isomer)
(SY) MDMA
(HM)
*3,4-METHYLENEDIOXYAMPHETAMINE/analogs
(NO) RN given refers to parent cpd without isomeric designation

N-methyl-3-(3,4-(methylenedioxy) phenyl)- 6,7-dimethoxyisoquinoline
(RN) 87922-33-6
(SY) N-methyl-3-(3,4-(methylenedioxy)phenyl)-6,7-dimethoxyisoquinolinium chloride
(HM) *ISOQUINOLINES
(NO) has cytotoxic but not antineoplastic activity; RN given refers to chloride; RN & structure given in first source; RN for parent cpd & chloride not in Chemline 5/84

N-methyl-3-(3,4-(methylenedioxy)phenyl)-6,7-dimethoxyisoquinolinium chloride see N-methyl-3-(3,4-(methylenedioxy)phenyl)-6,7-dimethoxyisoquinoline

N-methyl-3,4-methylenedioxyphenylisobutylamine
(SY) HMDMA
(HM)
*3,4-METHYLENEDIOXYAMPHETAMINE/analogs
(PA) HALLUCINOGENS

17-methyl-9,10-methyleneoctadecanoic acid
(RN) 87590-99-6
(SY) 17-methyl-cis-9,10-methyleneoctadecanoic acid
(SY) MMODA
(HM) *STEARIC ACIDS
(NO) branched chain cyclopropane fatty acid from parasitic protozoan Herpetomonas megaseliae

17-methyl-cis-9,10-methyleneoctadecanoic acid see 17-methyl-9,10-methyleneoctadecanoic acid

2-methyl(1-methylethylidene)bis(4,1-phenyleneoxy(2-hydroxy-3,1-propanediyl))2-propenoic acid ester see bis(phenol A-glycidyl methacrylate)

methyl 2-O-methyl-4-O-homodichloroorsellinate-beta-rhamnoside
(RN) 88293-12-3
(SY) 2-MHDOR
(HM) *GLYCOSIDES
(NO) obtained from methanolysis of lipiarmycin

d-3-methyl-N-methylmorphinan see dimemorfan

O-methyl(2-(2-methyl-5-nitro-1H-imidazol-1-yl)ethyl) carbonothioate see carnidazole

2-methyl-2-(4-methylpent-3-enyl)-2H-chromen-6-ol
(SY) MMPCO
(HM) *CHROMONES
(PA) ANTINEOPLASTIC AGENTS
(NO) isolated from Aplidium constellatum

2-methyl-11-(4-methyl-1-piperazinyl)-dibenzo (b,f)(1,4)thiazepine see metiapine

N-methyl-N-(1-methyl-4-pyrrolidino-2-butynyl)acetamide
(RN) 83481-69-0
(RR) 82890-18-4 ((+-)-isomer
(RR) 82855-04-7 ((S)-isomer)
(RR) 82855-03-6 ((R)-isomer)
(RR) 83481-70-3 (oxalate[1:1])
(SY) BM-5
(SY) BM 5
(HM) *PYRROLIDINES
(PA) PARASYMPATHOMIMETICS
(NO) RN given refers to parent cpd without isomeric designation

1-methyl-2-methylsulfinyl-5-methoxycarbonylimidazole see KIH 3

4-methyl-1-(N(2)-(3-methyl-1,2,3,4-tetrahydro-8-quinolinesulfonyl)-L-arginyl)-2-piperidinecarboxylic acid
(RN) 74863-84-6
(SY) MMTQAP
(SY) MD-805
(HM) *PIPECOLIC ACIDS
(PA) THROMBIN/antag

methyl(methylthio)acetimidate
(SY) methyl(methylthio)acetimidate hydrochloride
(SY) MMTA.HCl
(HM) *IMIDOESTERS
(II) INDICATORS AND REAGENTS
(NO) structure given in first source

methyl(methylthio)acetimidate hydrochloride see methyl(methylthio)acetimidate

6-methyl-8-((methylthio)methyl)ergoline (8beta) see LY 116467

N-2-methyl-2-(methylthio)propanoyl-L-cysteine see SA 679

N-methylmorpholine see 4-methylmorpholine

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4-methylmorpholine
(RN) 109-02-4
(RR) 3651-67-0 (HCl)
(RR) 84309-27-3 (HBr)
(RR) 81682-52-2 (sulfite[1:1])
(SY) N-methylmorpholine
(HM) *MORPHOLINES
(NO) RN given refers to parent cpd

methyl 7-(2-(4-morpholinyl)-3-oxo-5-(phenylmethoxy) cyclopentyl)-5-heptenoate see AH 19437

S-methylmyoglobin
(HM) *MYOGLOBIN
(NO) denatured form of myoglobin

methyl-p-myristyloxycinnamic acid 1-monoglyceride see LK 903

N-methylnalorphine
(RN) 4121-75-9
(HM) NALORPHINE/*analogs

methylnaloxonium
(RN) 73232-50-5
(RR) 85765-52-2 (sulfate[1:1](5alpha)-isomer)
(RR) 73232-51-6 (methyl sulfate(5alpha)-isomer)
(RR) 73232-49-2 (bromide(5alpha)-isomer)
(RR) 73232-48-1 (iodide(5alpha)-isomer)
(SY) ORG 10908
(SY) methyl naloxonium chloride
(SY) ORG-10908
(HM) NALOXONE/*analogs
(NO) quaternary derivative of naloxone; RN given refers to parent cpd(5alpha)-isomer; RN for parent cpd without isomeric designation not in Chemline 6/84

methyl naloxonium chloride see methylnaloxonium

methylnaltrexone
(RN) 83387-25-1
(RR) 73232-52-7 (bromide(5alpha)-isomer)
(SY) MRZ 2663BR
(SY) MRZ-2663
(SY) methyl-naltrexone hydrobromide
(SY) quaternary ammonium naltrexone
(SY) 17-(cyclopropylmethyl)-4,5-epoxy-3,14-dihydroxymorphinanium-6-one
(SY) naltrexone methylbromide
(SY) naltrexone MB
(SY) naltrexone methobromide
(HM) NALTREXONE/*analogs
(PA) NARCOTIC ANTAGONISTS
(NO) RN given refers to parent cpd(5alpha)-isomer; RN for cpd without isomeric designation not in Chemline 8/84

methyl-naltrexone hydrobromide see methylnaltrexone

N-methylnantradol
(RN) 78513-74-3
(RR) 77550-27-7
(HCl(6S-(3(S*),6alpha,6aalpha,9alpha,10abeta))-isomer)
(SY) N-methyllevonantradol
(HM) *PHENANTHRIDINES
(PA) ANALGESICS
(PA) ANTIEMETICS
(II) STEREOISOMERS
(NO) use STEREOISOMERS if the levo cpd is discussed; RN given refers to parent cpd(6S-(3(S*),6alpha,6aalpha,9alpha,10abeta)-isomer; RN for cpd without isomeric designation not in Chemline 8/84

1-methylnaphthalene
(RN) 90-12-0
(HM) *NAPHTHALENES

2-methylnaphthalene
(RN) 91-57-6
(RR) 34468-07-0 (ion(1-))
(RR) 42299-20-7 (ion(1+))
(RR) 34883-22-2 (ion(1-).Li salt)
(RR) 59616-68-1 (methyl-13C-labeled cpd)
(RR) 59616-76-1 (naphthalene-1-(13)C-labeled cpd)
(SY) beta-methylnaphthalene
(HM) *NAPHTHALENES
(NO) RN given refers to parent cpd

2-methyl-1,4-naphthohydroquinone see menadiol

2-methyl-1,4-naphthoquinol see menadiol

2-methylnaphthoquinone
(HM) *NAPHTHOQUINONES

methyl-1-naphthyl-4-nitrophenyl phosphorothionate
(SY) MNNPPT
(SY) methyl-1-naphthyl-para-nitrophenyl phosphorothionate
(HM) *THIOPHOSPHORIC ACID ESTERS

methyl-1-naphthyl-para-nitrophenyl phosphorothionate see methyl-1-naphthyl-4-nitrophenyl phosphorothionate

N-methylnicotinamide
(RN) 114-33-0
(RR) 29711-57-7 (mono-HCl)
(HM) NICOTINAMIDE/*analogs
(NO) structure

N(1)-methylnicotinamide
(RN) 3106-60-3
(RR) 1005-24-9 (chloride)
(RR) 6456-44-6 (iodide)
(RR) 51095-52-4 (bromide)
(RR) 58971-09-8 (methylsulfate)
(RR) 60178-90-7 (perchlorate)
(RR) 60640-51-9 (3-(aminocarbonyl-13C)-labeled cpd iodide)
(RR) 69193-98-2 (cyanide)
(RR) 69193-96-0 (fluoride)
(RR) 69193-97-1 (tetrafluoroborate(1-))
(SY) 1-methylnicotinamide
(SY) 1-methyl-3-carbamoylpyridinium
(SY) 3-(aminocarbonyl)-1-methylpyridinium
(HM) NICOTINAMIDE/*analogs
(NO) RN given refers to parent cpd

1-methylnicotinamide see N(1)-methylnicotinamide

5-methylnicotinamide
(RN) 70-57-5
(HM) NICOTINAMIDE/*analogs
(NO) potentiates cytotoxicity of N-methyl-N-nitrosourea

methylnicotinate
(RN) 93-60-7
(HM) *NICOTINIC ACIDS

methyl nitrite
(RN) 624-91-9
(HM) *NITRITES

2-methyl-4-nitroaniline ethylene dimethylammonium
(SY) MNAED
(HM) *ANILINE COMPOUNDS
(NO) structure in first source

methyl-p-nitrobenzenesulfonate see methyl-4-nitrobenzenesulfonate

methyl-4-nitrobenzenesulfonate
(RN) 6214-20-6
(SY) methyl-p-nitrobenzenesulfonate
(HM) *BENZENESULFONATES

1-methyl-2-nitrobenzene see 2-nitrotoluene

1-methyl-3-nitrobenzene see 3-nitrotoluene

12-(N-methyl-N-(7-nitrobenz-2-oxa-1,3-diazol-4-yl))aminododecanoylsphingosyl-1- O-beta-glucoside
(SY) NBD-GC
(HM) *CEREBROSIDES
(HM) *NBD CHLORIDE/analogs

1-methyl- 4-nitro-5-chloroimidazoles see 1-methyl-5-chloro-4-nitroimidazole

methyl 5-nitrofuran-2-carboxylate see methyl 5-nitro-2-furoate

methyl 5-nitro-2-furoate
(RN) 1874-23-3
(SY) methyl 5-nitrofuran-2-carboxylate
(HM) *NITROFURANS

1-methyl-2-nitroimidazole
(RN) 1671-82-5
(HM) *NITROIMIDAZOLES

2-methyl-5-nitroimidazol-1-ylacetic acid
(RN) 1010-93-1
(SY) 1-acetic acid-2-methyl-5-nitroimidazole
(HM) METRONIDAZOLE/*analogs
(NO) human urinary metabolite of metronidazole; structure

3-methyl-4-nitro-1-(4-nitrophenyl)-5-pyrazolone see picrolonic acid

3-methyl-4-nitrophenol see 4-nitro-3-cresol

1-methyl-7-nitro-5-phenyl-1,3-dihydro-2H-1,4-benzodiazepin-2-one see nimetazepam

3-methyl-4-nitroquinoline 1-oxide
(RN) 14073-00-8
(SY) 3-MNQO
(HM) *NITROQUINOLINES
(PA) MUTAGENS

1-(N-methyl-N-nitrosamino)methylacetate see methyl(acetoxymethyl)nitrosamine

1-(N-methyl-N-nitrosamino)methyl benzoate
(SY) NNMBZ
(HM) DIMETHYLNITROSAMINE/*analogs
(PA) CARCINOGENS

1-(N-methyl-N-nitrosamino)methyl butyrate
(SY) NNMB
(HM) DIMETHYLNITROSAMINE/*analogs
(PA) CARCINOGENS

1-(N-methyl-N-nitrosamino)methyl pivaloate
(SY) NNMP
(HM) DIMETHYLNITROSAMINE/*analogs
(PA) CARCINOGENS

3-(methylnitrosamino)-1,2-propanediol see N-nitrosomethyl-2,3-dihydroxypropylamine

3-(methylnitrosamino)propionitrile
(SY) MNPN
(HM) *NITROSAMINES
(PA) CARCINOGENS
(NO) formed from the alkaloid of betel quid

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4-(methylnitrosamino)-1-(3-pyridyl)-1-butanol
(SY) NNAL
(HM) *NITROSAMINES
(NO) major metabolite of 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone; structure given in first source

4-(N-methyl-N-nitrosamino)-1-(3-pyridyl)- 1-butanone
(RN) 64091-91-4
(HM) *NITROSAMINES
(PA) CARCINOGENS
(NO) structure

N-methyl-N-nitrosoacetamide
(RN) 7417-67-6
(SY) N-nitroso-N-methylacetamide
(HM) *NITROSO COMPOUNDS
(NO) structure given in first source

methylnitrosoaminomethanol see N-nitroso-N-methyl-N-hydroxymethylamine

N-methyl-N-nitrosoaniline
(RN) 614-00-6
(SY) N-nitrosomethylphenylamine
(SY) phenylmethylnitrosamine
(SY) methylphenylnitrosamine
(SY) N-nitrosomethylaniline
(SY) N-nitroso-N-methylaniline
(SY) N-methyl-N-nitrosobenzenamine
(HM) *NITROSAMINES
(NO) structure

N-methyl-N-nitrosobenzenamine see N-methyl-N-nitrosoaniline

N-methyl-N-nitrosobenzylamine see nitrosobenzylmethylamine

N-(N-methyl-N-nitroso-carbamyl)-L-ornithine see N(delta)-(N-methyl-N-nitrosocarbamoyl)-L-ornithine

methylnitrosocyanamide
(RN) 33868-17-6
(HM) *NITROSAMINES
(PA) CARCINOGENS
(NO) structure

2-methyl-2-nitrosopropane see tert-nitrosobutane

1-methyl-3-nitro-1,2,4-triazole
(RN) 26621-45-4
(SY) 3-NTR
(HM) *TRIAZOLES
(PA) RADIATION-SENSITIZING AGENTS

N-methyl-N-nitro-2,4,6-trinitroaniline see nitramine

7-(R)-O-methylnogarol
(RN) 71628-96-1
(RR) 69256-91-3 (cpd with unspecified locant for methoxy group)
(RR) 64267-47-6 ((11beta)-isomer)
(SY) 7-OMEN
(SY) 7-con-O-methylnogarol
(SY) menogarol
(SY) menogaril
(HM) *NOGALAMYCIN/analogs
(PA) ANTINEOPLASTIC AGENTS
(NO) RN given refers to (11beta)-isomer; RN for cpd without isomeric designation not in Chemline 11/14/83; structure

N-methylnornicotinium
(HM) NICOTINE/*analogs
(NO) urinary metabolite of nicotine; structure given in first source

17-methyl-18-norpregna-4,8,11,13-tetraen-3-one-20,21- diol see 20,21-dihydroxy-17-methyl-18-norpregna-4,8,11,13-tetraen-3-one

10-methyloctadecanoic acid see tuberculostearic acid

methyloctadecylnitrosamine
(RN) 69112-94-3
(SY) N-nitroso-N-methyloctadecylamine
(SY) NMODA
(HM) *NITROSAMINES
(NO) found in hair-care products

5-methyl-2-(1-(2,3,4,6,6a,11,11a,11b-octahydro- 3-hydroxy-10,11b-dimethyl-1H-benzo(a)fluoren-9- yl) ethyl)piperidin-3-ol see veratramine

methyl octanoate
(RN) 111-11-5
(HM) *OCTANOIC ACIDS

5-methyl-2-octanone
(RN) 58654-67-4
(SY) 4-methylheptylketone
(HM) *KETONES

N-methylol-chloracetamide
(RN) 2832-19-1
(SY) chloractamide-N-metholol
(HM) *ACETAMIDES
(NO) sensitizer in colant oils & cosmetics

methyl oleate
(RN) 112-62-9
(RR) 2462-84-2 (cpd without isomeric designation)
(RR) 1937-62-8 ((E)-isomer)
(HM) *OLEIC ACIDS
(NO) RN given refers to (Z)-isomer

methyl oleate hydroperoxide
(RN) 25155-13-9
(HM) *LIPID PEROXIDES
(NO) RN given refers to (Z)-isomer; RN for cpd without isomeric designation not in Chemline 8/84

methyl oleate ozonide
(RN) 55398-23-7
(HM) *OZONE
(NO) proposed intermediate in ozone intoxication

N-methylolpentamethylmelamine see pentamethylmonomethylolmelamine

17-S-methyl-omega-homo-trans-delta(2)-PGE1 see ONO 1206

17-S-methyl-omega-homo-trans-delta(2)-prostaglandin E1 see ONO 1206

1-methyl-2-(1,3,4-oxadiazol-2(3H)-one-5-yl) benzimidazole see RHC 3288

1-methyl-4-(2-oxazolin-2-ylamino) indazole
(RN) 64151-05-9
(SY) 1-MOYAI
(HM) *INDAZOLES
(PA) MUTAGENS
(NO) structure given in first source

5-methyloxine see 5-methyl-8-hydroxyquinoline

3-methyl-2-oxobutanoate see alpha-ketoisovalerate

3-methyl-2-oxobutyrate see alpha-ketoisovalerate

2-methyl-3-oxo-butyric acid see 2-methylacetoacetic acid

(5-methyl-2-oxo-1,3-dioxol-4-yl)methyl-7(O-(alanyl) mandelamido)-3-((5-methyl-1,3,4-thiadiazol-2-yl)thio) methyl-3-cephem-4-carboxylate hydrochloride see KY 109

6-methyl-2-oxo-1,3-dithio(4,5-b)quinoxaline see quinomethionate

3-methyl-2-oxopentanoate see alpha-keto-beta-methylvaleric acid

4-methyl-2-oxopentanoate see alpha-ketoisocaproic acid

2-methyl-3-(4-oxo-3-phenylthiazolidin-2-ylidenamino)-4-(3H)-quinazolinone
(SY) MOPTQ
(HM) *QUINAZOLINES
(PA) ANTICONVULSANTS
(NO) structure given in first source

3-methyl-4-oxo-5-piperidinothiazolidine-2-ylidine acetic acid see ozolinone

6-methyl-5-oxothiomorpholinyl-3-carbonylhistidyl, prolinamide see PS-24

4-methyl-2-oxovalerate see alpha-ketoisocaproic acid

2-methyl-3-oxovaleric acid
(RN) 14925-93-0
(HM) *PENTANOIC ACIDS
(NO) structure

N-methyloxycarbonyl-epsilon-lysyl-glycyl- arginine-4-nitroanilide
(SY) MOC-Lys-Gly-Arg-pNA
(HM) *OLIGOPEPTIDES

1-methyl-6-oxy-tetrahydro-beta-carboline
(SY) 1-Me-6-OTBC
(HM) *CARBOLINES

methyl palmitate
(RN) 112-39-0
(HM) *PALMITATES

14-methylpalmitic acid see 14-methylhexadecanoic acid

methyl palmoxirate see McN-3716

N-methylpapaverine
(RN) 2679-26-7
(HM) PAPAVERINE/*analogs

methylparaben
(RN) 99-76-3
(RR) 5026-62-0 (Na salt)
(RR) 29468-36-8 (cpd with unspecified locants)
(SY) 4-hydroxybenzoic acid methyl ester
(SY) methyl p-hydroxybenzoate
(SY) nipagin
(HM) *PARABENS
(NO) RN given refers to parent cpd

methyl paraoxon see methylparaoxon

methylparaoxon
(RN) 950-35-6
(SY) dimethyl p-nitrophenyl phosphate
(SY) MEE 600
(SY) methyl paraoxon
(HM) PARAOXON/*analogs

2-methyl-2,4-pentanediol see hexylene glycol

4-methylpentanoic acid see isocaproic acid

4-methyl-2-pentenoyl maleic anhydride copolymer
(RN) 89458-64-0
(SY) MP-MA
(HM) *POLYMERS
(II) ADJUVANTS, IMMUNOLOGIC

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4-methyl-2-pentonyl-maleic anhydride copolymer
(SY) 4-MPMAC
(HM) *POLYMERS
(PA) ANTINEOPLASTIC AGENTS
(NO) structure given in first source

2-methyl-3-pentylpyrrole see 2-methyl-3-amylpyrrole

methylperidol see moperone

methylperon see metylperon

15(2)-15-methyl PGE1 see 15(S)-15-methylprostaglandin E1

15(2)-15 methyl PGE(1) see 15(S)-15-methylprostaglandin E1

1-methylphenanthrene
(RN) 832-69-9
(HM) *PHENANTHRENES
(PA) CARCINOGENS
(NO) structure in first source

N-methylphenethylamine
(RN) 589-08-2
(RR) 4104-43-2 (HCl)
(RR) 61034-39-7 (Na salt)
(RR) 77637-47-9 (conjugate acid)
(SY) N-methylphenylethylamine
(HM) METHAMPHETAMINE/*analogs
(NO) substrate for type A & B monoamine oxidase; RN given refers to parent cpd

N-methylphenothiazine
(RN) 1207-72-3
(SY) 10-methylphenothiazine
(HM) *PHENOTHIAZINES
(NO) structure given in first source

10-methylphenothiazine see N-methylphenothiazine

methyl phenylalanine see phenylalanine methyl ester

N-methylphenylalanine(3)-morphiceptin see morphicetin, N-MePhe(3)-

N-methylphenylalanine(3)-proline morphiceptin see morphiceptin, N-MePhe(3)-D-Pro-

1-(2-methylphenyl)azo)-2-naphthylamine see yellow OB

3-methyl-4-phenylbutenoic acid see benzalbutyric acid

methylphenyl carbinol
(RN) 98-85-1
(SY) alpha-hydroxyethylbenzene
(SY) alpha-methylbenzyl alcohol
(SY) 1-phenylethanol
(HM) *BENZYL ALCOHOLS

2-methyl-1-phenyl-6,7-dihydro-1H,5H-pyrazolo(5,1-b)(1,3)oxazin-8-ium bromide see 2-methyl-1-phenyl-6,7-dihydro-1H,5H-pyrazolo(5,1-b)(1,3)oxazin-8-ium

2-methyl-1-phenyl-6,7-dihydro-1H,5H-pyrazolo(5,1-b)(1,3)oxazin-8-ium
(SY) 2-methyl-1-phenyl-6,7-dihydro-1H,5H-pyrazolo(5,1-b)(1,3)oxazin-8-ium bromide
(SY) MPDPO
(HM) *PYRAZOLES
(PA) ANALGESICS
(NO) structure given in first source

1-methyl-4-phenyl-2,3-dihydropyridinium
(RN) 94613-45-3
(SY) MPDP+
(HM) *PYRIDINIUM COMPOUNDS
(NO) RN given from Toxline; RN not in Chemline 4/85

N-methyl-1-phenyl-7,8-dimethoxy-2,3,4,5-tetrahydro-3-benzazepine see trimopam

1-methyl-3,4-phenylenediamine see 3,4-toluenediamine

N-methylphenylethanolamine
(RN) 6589-55-5
(RR) 61217-79-6 (HCl(+-)-isomer)
(RR) 6027-95-8 (HCl)
(RR) 495-42-1 ((R)-isomer)
(RR) 68579-60-2 ((+-)-isomer)
(SY) MPEOA
(HM) *2-HYDROXYPHENETHYLAMINE/analogs
(NO) substrate for type A & B monoamine oxidase; RN given refers to (alpha)-isomer; halostachine refers to (R)-isomer & structure in Merck Index, 9th ed, #4454

N-methylphenylethylamine see N-methylphenethylamine

N-(3-methyl-1-(2-phenylethyl)-4-piperidinyl)-N-phenylpropanamide see 3-methylfentanyl

?-methyl-2-phenyl-3(2H)furanone-5-carboxylic acid see AY 25712

(3-methyl)-3-phenyl-5-hydroxymethyl-2-oxazolidinone see toloxatone

3-methyl-2-phenyl-3-hydroxypentanoic acid see penphenone

2-methyl-8-(phenylmethoxy)imidazo-(1-2-a)pyrine-3-acetonitrile see SCH 28080

4-((3-methyl-2-phenylmorpholino)methyl)antipyrine see morazone

methylphenylnitrosamine see N-methyl-N-nitrosoaniline

2-(2-methylphenyl)oxirane
(RN) 2783-26-8
(SY) 2-MPO
(HM) *EPOXY COMPOUNDS
(NO) structure

2-(3-methylphenyl)oxirane
(RN) 20697-03-4
(HM) *EPOXY COMPOUNDS
(NO) structure

2-(4-methylphenyl)oxirane see 4-vinyltoluene oxide

4-methyl-1-phenylpentan-2-ol
(RN) 7779-78-4
(SY) benzylisobutylcarbinol
(SY) alpha-isobutylphenethyl alcohol
(SY) FEMA-2208
(SY) FEMA 2208
(SY) COE-2031
(SY) COE 2031
(HM) PHENETHYL ALCOHOL/*analogs
(II) FLAVORING AGENTS

5-p-methylphenyl-5-phenylhydantoin
(RN) 51169-17-6
(HM) PHENYTOIN/*analogs
(NO) structure

3-(2-(4-(2-methylphenyl)-1-piperazinyl)ethyl)-5,6,7,8,-tetrahydro-1,2,4-triazolo(4,3-a)pyridine HCl see dapiprazole

5-(4-(2-methyl-2-phenylpropoxy)benzyl)thiazolidine-2,4-dione see AL 321

1-methyl-5-phenyl-5-propylbarbituric acid
(RN) 36045-93-9
(RR) 37120-84-6 ((S)-isomer)
(RR) 37120-83-5 ((R)-isomer)
(RR) 69855-22-7 ((+-)-isomer)
(SY) MPPB
(HM) PHENOBARBITAL/*analogs
(NO) barbiturate deriv whose activities are related to the optical properties; the (-)-deriv depresses CNS activities, while the (+)-deriv induces convulsion; RN given refers to cpd without isomeric designation; structure given in first source

3-methyl-1-phenyl-2-pyrazolin-5-one see phenylmethylpyrazolone

1-methyl-4-phenylpyridinium ion see cyperquat

2-methyl-1-phenyl-2-(3-pyridinyl)-1-propanone
(RN) 87372-75-6
(SY) 2-MPPP
(HM) METYRAPONE/*analogs
(NO) phenyl analog of metyrapone; structure given in first source

methyl 5(6)-phenylsulfinyl-2-benzimidazolecarbamate see oxfendazole

1-methyl-4-phenyl-1,2,5,6-tetrahydropyridine see N-methyl-4-phenyl-1,2,3,6-tetrahydropyridine

N-methyl-4-phenyl-1,2,3,6-tetrahydropyridine
(RN) 28289-54-5
(RR) 23007-85-4 (HCl)
(SY) MPTP
(SY) 1-methyl-4-phenyl-1,2,5,6-tetrahydropyridine
(HM) *PYRIDINES
(NO) induces Parkinson's disease; RN given refers to parent cpd

4-methylphenylthallium(III)bis(fluoroacetate)
(RN) 23586-55-2
(SY) 4-MPTF
(HM) *ORGANOMETALLIC COMPOUNDS
(HM) *THALLIUM
(II) INDICATORS AND REAGENTS
(NO) reagent for protein modification

3-(2-(4-methylphenyl)thioethyl)-5-sydnone
(SY) 3-MPTES
(HM) *SYDNONES
(PA) ANTI-INFLAMMATORY AGENTS
(NO) structure given in first source

1-methyl-3-phenyl-1-triazene see 3-methyl-1-phenyltriazene

3-methyl-1-phenyltriazene
(RN) 16033-21-9
(SY) 1-phenyl-3-methyltriazene
(SY) 1-methyl-3-phenyl-1-triazene
(HM) *TRIAZENES
(PA) ALKYLATING AGENTS

1-methyl-5-phenyl-7-trifluoromethyl-(1H)-1,5-benzodiazepine-2,4-(3H,5H)dione see triflubazam

4-O-methylphorbol 12-myristate 13-acetate see 4-O-methyl-12-O-tetradecanoylphorbol 13-acetate

methylphosphonate
(RN) 993-13-5
(SY) dihydrogen methylphosphonate
(SY) methylphosphonic acid
(HM) *ORGANOPHOSPHORUS COMPOUNDS

methylphosphonic acid see methylphosphonate

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methylphosphotriester methyltransferase
(RN) EC 2.1.1.-
(SY) MPester methyltransferase
(HM) *METHYLTRANSFERASES
(NO) methylates phosphotriesters produced on the DNA backbone by alkylating agents

methyl picolinimidate
(RN) 19547-38-7
(HM) *IMIDOESTERS
(II) INDICATORS AND REAGENTS
(NO) reagent for protein amino groups

4-methylpimelic acid
(RN) 10200-27-8
(HM) *PIMELIC ACIDS

1-(4-methylpiperazinocarbonylmethyl)-2-pyrrolidone hydrogen maleate see VUFB 13763

2-(4'-methylpiperazino-1-methyl)-1,3- diazafluoranthene 1-oxide see AC-3579

4-methyl-1-piperazinylacetic acid-(5-nitrofurfurylidene)hydrazide see nifurpipone

6-(4-methylpiperazin-1-yl)-11H-dibenzazepine see perlapine

11-(4-methyl-1-piperazinyl)-5H-dibenzo(b, e)(1,4)diazepine
(RN) 1977-07-7
(SY) 106-094
(HM) *CLOZAPINE/analogs
(NO) structure given in first source

N'-methylpiperazinylgeranylgeranyl acetamide
(SY) MPGGA
(HM) *DITERPENES
(PA) ANTI-ULCER AGENTS
(NO) structure given in first source

2-(4-methyl-1-piperazinylmethyl) acrylophenone
(RN) 91401-12-6
(RR) 91401-13-7 (di-HCl)
(SY) MPMAP
(HM) *PIPERAZINES
(II) MICROTUBULES/drug eff
(NO) antimicrotubular drug; RN given refers to parent cpd; structure given in first source

2-(4-methyl-1-piperazinyl)-10-methyl-3,4- diazaphenoxazine see azaphen

6-(4-methyl-1-piperazinyl)morphanthridine see perlapine

2-methyl-3-piperidino-beta-propionaphthone see KZ 111

N-(1-methyl-2-piperidinoethyl)-N-(2-pyridyl) propionamide see propiram

N-methyl-4-piperidinyl benzilate
(RN) 3608-67-1
(RR) 29588-43-0 (HCl)
(SY) N-methyl-4-piperidyl benzilate
(HM) *PIPERIDINES
(PA) PARASYMPATHOLYTICS
(NO) RN given refers to (alpha)-isomer

N-methyl-4-piperidyl p-azidobenzilate see N-methyl-4-piperidyl 4-azidobenzilate

N-methyl-4-piperidyl 4-azidobenzilate
(RN) 81039-89-6
(SY) MPAB
(SY) N-methyl-4-piperidyl p-azidobenzilate
(HM) *PIPERIDINES
(HM) *AZIDES
(II) AFFINITY LABELS
(NO) structure given in first source

N-methyl-3-piperidylbenzilate methyl bromide see mepenzolic acid

N-methyl-3-piperidyl benzilate see JB 336

N-methyl-4-piperidyl benzilate see N-methyl-4-piperidinyl benzilate

1-methyl-4-piperidyl bis(4-chlorophenoxy)acetate see lifibrate

methyl 2-(4-(2-piperid-1-ylethoxy)benzoyl) benzoate see pitofenone

methyl prednisolonate
(RN) 57072-99-8
(HM) PREDNISOLONE/*analogs
(PA) ANTI-INFLAMMATORY AGENTS
(NO) RN from 9th CI Form Index; RN given refers to (11 beta)-isomer; RN for cpd without isomeric designation not in Chemline 6/30/83

methylprednisolone acetate see Depo-Medrol

methylprednisolone-21-acetate see Depo-Medrol

methylprednisolone 17-hemisuccinate
(RN) 77074-42-1
(HM) *METHYLPREDNISOLONE SUCCINATE
(II) ISOMERISM
(NO) Mesh term is for the 21-succinate; RN given refers to (6alpha,11beta)-isomer; RN for cpd without isomeric designation not in Chemline 8/84

methylprednisolone sodium phosphate
(RN) 5015-36-1
(RR) 51350-59-5 (unspecified Na salt(6alpha,11beta)-isomer)
(SY) medrol stabisol
(HM) METHYLPREDNISOLONE/*analogs
(NO) RN given refers to di-Na salt(6alpha,11beta)-isomer; RN for parent cpd without isomeric designation not in Chemline 8/84

6-methylpregna-4,6-dien-3 beta,17 alpha-diol-20-one diacetate see mepregenol diacetate

2-methylpropanal see isobutyraldehyde

2-methyl-1-propanol see isobutyl alcohol

N-methyl-N-propargyl-(1-indanyl)-ammonium.HCl see J-508

N-methyl-N-(2-propenyl)-1,4-butanediamine see MDL 72431

methyl 5-n-propoxy-2-benzimidazolecarbamate see oxibendazole

methyl 6-n-propoxybenzothiazole-2-carbamate see tioxidazole

2-(N-methyl-N-(n-propyl)amino)-6,7-dihydroxytetralin
(RN) 71757-31-8
(SY) MPDHT
(HM) *TETRAHYDRONAPHTHALENES

N-2-methylpropyl-N-1-methylacetonylnitrosamine
(SY) MAMPNA
(HM) *NITROSAMINES
(NO) found in moldy millet & wheat flour

2-(1-methylpropyl)phenyl methylcarbamate see BPMC

4-methyl-3-(n-propylthio)phenyl 4-nitrophenyl ether
(RN) 49828-23-1
(SY) MPNE
(HM) *PHENYL ETHERS
(PA) INSECTICIDES
(NO) acaricide; structure given in first source

methylproscillaridin see meproscillarin

O-15-methylprostaglandin F2alpha ether see prostaglandin F2alpha 15-methyl ether

15(S)-15-methylprostaglandin E1
(RN) 35700-26-6
(RR) 52079-74-0 ((11alpha,13E)-isomer)
(SY) 15(2)-15 methyl PGE(1)
(SY) 15(2)-15-methyl PGE1
(HM) ALPROSTADIL/*analogs
(NO) stable deriv of PGE1; RN given refers to (11 alpha,13E,15S)-isomer; RN for cpd without isomeric designation not in Chemline 8/84

N-methylprotoporphyrin see N-methylprotoporphyrin IX

N-methylprotoporphyrin dimethyl ester
(RN) 75675-52-4
(SY) MPPDME
(HM) *PROTOPORPHYRINS
(PA) FERROCHELATASE/antag

N-methylprotoporphyrin IX
(SY) N-methylprotoporphyrin
(HM) *PROTOPORPHYRINS
(NO) inhibitor of ferrochelatase

7-methyl-allo-psoralen see 7-methylpsoralen

7-methylpsoralen
(RN) 27038-40-0
(SY) 7-MEAP
(SY) 7-methyl-allo-psoralen
(SY) 7-methylallopsoralen
(HM) *PSORALENS
(NO) structure given in first source

7-methylpterin
(RN) 13040-58-9
(SY) 2-amino-7-methyl-4(1H)-pteridinone
(HM) *PTERIDINES
(NO) oxidative degradation product of 7-methyl-substituted pteridines in methanogenic bacteria; structure given in first source

1-methylpteroylglutamic acid see N(10)-methylfolate

9-methylpteroylglutamic acid see ninopterin

6-methylpurine 2'-deoxyriboside
(RN) 16006-64-7
(HM) *PURINE NUCLEOSIDES

6-methylpurine
(RN) 2004-03-7
(SY) 6-methyl purine
(HM) *PURINES

6-methyl purine see 6-methylpurine

methyl purple
(SY) 8-hydroxy-11-mehyldibenz(b,e)(1,4)oxazepin-2 (11H)one
(HM) *DIBENZOXAZEPINES
(II) DYES
(NO) redox dye, sensitive monitor of photosystem I activity in chloroplasts; structure given in first source

5-methylpyrazine-2-carboxylic acid 4-oxide see acipimox

5-methylpyrazinecarboxylic acid 4-oxide see acipimox

5-methylpyrazole-3-carboxylic acid
(RN) 402-61-9
(HM) *PYRAZOLES
(NO) structure

4-methylpyrazole
(RN) 7554-65-6
(RR) 56010-88-9 (mono-HCl)
(HM) *PYRAZOLES
(NO) alcohol dehyrogenase inhibitor; RN given refers to parent cpd; structure

1-methylpyridinium-2-aldoxime ion see pralidoxime

N-methylpyridinium 2-aldoxime methylsulfate see pralidoxime

N-methylpyridinium insulin see insulin, N-methylpyridinium

1-methylpyridinium iodide see 1-methylpyridinium

1-methylpyridinium
(RN) 694-56-4
(RR) 730-73-4 (iodide)
(RR) 7680-73-1 (chloride)
(RR) 63127-76-4 (dibromoiodate(1-))
(RR) 73227-24-4 (mu-iodotetraiododimercurate(1-))
(SY) 1-methylpyridinium iodide
(HM) *PYRIDINIUM COMPOUNDS
(NO) RN given refers to parent cpd

2-methyl-3-(4-(3-pyridinylmethyl)phenyl))-2-propenoic acid see OKY 1581

N'-methyl-2-pyridone-5-carboxamide
(RN) 701-44-0
(SY) 1-methyl-5-carboxylamide-2 pyridone
(HM) NICOTINAMIDE/*analogs
(NO) structure

N'-methyl-4-pyridone-5-carboxamide
(RN) 3128-29-8
(HM) NICOTINAMIDE/*analogs

7-methylpyrido(3',2'-4,5)thieno(3,2-d)-1,2,3-triazine-4(3H)-one see RHC 2963

methyl 4-(3-pyridyl)butyrate
(RN) 17270-45-0
(HM) *BUTYRATES
(NO) main component of cocaine pyrolysate; structure given in first source

methyl 2-pyridyl disulfide
(RN) 63434-91-3
(SY) PySSM
(HM) *PYRIDINES
(II) SULFHYDRYL REAGENTS
(NO) structure given in first source

methyl 4-pyridyl disulfide
(SY) 4-PYSSM
(HM) *PYRIDINES

2-((2-(3-methyl)pyridyl-methyl)sulfinyl)-5-methoxycarbonyl-6-methylbenzimidazole see picoprazole

6-methylpyrimido(5,4-e)-as-triazine-5,7(6H,8H)- dione see reumycin

5-methylpyrithyldione
(RN) 467-90-3
(SY) 3,3-diethyl-2,4-dioxo-5-methyl-1,2,3,4-tetrahydropyridine
(HM) *PYRIDONES
(NO) methyprylon metabolite; structure given in first source

N-methyl-N-(7-(1-pyrrolidinyl)-1-oxaspiro(4,5)dec-8-yl)benzeneacetamide see U 69593

4'-methyl-2-(1-pyrrolidinyl)valerophenone see pyrovalerone

N-methylpyrrolidone
(RN) 26138-58-9
(HM) *PYRROLIDINONES
(PA) TERATOGENS

4-(2-methyl-1-pyrrolidyl)-7-chloroquinoline
(RN) 6281-58-9
(SY) 4-MPCQ
(HM) *AMINOQUINOLINES
(NO) formed by reaction of chloroquine with trichloroethyl chloroformate

3-methylquercetin 0-7-methyltransferase
(RN) EC 2.1.1.-
(SY) flavonol 7-O-methyltransferase
(SY) flavonol 7-OMT
(HM) *METHYLTRANSFERASES

2-methyl quinolinate see quinolinic acid, 2-methyl ester

2-methylquinoline
(RN) 91-63-4
(RR) 50978-47-7 (unspecified HCl)
(RR) 655-76-5 (monosulfate)
(RR) 62763-89-7 (HCl)
(RR) 50978-47-7 (unspecified sulfate)
(RR) 35245-94-4 (mesylate)
(SY) quinaldine
(HM) *QUINALDINES
(PA) CARCINOGENS
(NO) RN given refers to parent cpd

methylquinolinic acid, 2,3-dimethyl ester
(RN) 605-38-9
(SY) MQDME
(SY) 2,3-dimethyl methylquinolinate
(HM) *QUINOLINIC ACIDS

1-methyl-4-quinolonimine see adepren

2-methylquinoxaline 1,4-dioxide
(RN) 6639-86-7
(SY) 2-MQDO
(HM) *QUINOXALINES
(NO) has ergotropic efficacy in growing broilers

N-methyl quinuclidinyl benzilate
(RN) 7020-55-5
(RR) 71861-83-1 (iodide)
(RR) 70982-29-5 (iodide(R)-isomer)
(RR) 70982-28-4 (iodide(S)-isomer)
(RR) 70761-71-6 (3H-labeled cpd iodide)
(RR) 53950-10-0 (iodide(+-)-isomer)
(RR) 3485-62-9 (bromide)
(RR) 88498-51-5 (11C-labeled cpd)
(RR) 85344-78-1 (methyl-(11)C-labeled cpd)
(RR) 83903-46-2 (3H-labeled cpd)
(SY) quinuclidinyl benzilate methiodide
(HM) *QUINUCLIDINYL BENZILATE/analogs
(PA) PARASYMPATHOLYTICS
(NO) muscarinic acetylcholine receptor antagonist; RN given refers to parent cpd without isomeric designation

N-(2-methylquinuclidinyl)-1,2,3,4-tetrahydroquinoline dihydrochloride see AB 2

methyl red
(RN) 493-52-7
(RR) 845-10-3 (Na salt)
(SY) C.I. Acid Red 2
(HM) *AZO COMPOUNDS
(II) DYES
(NO) RN given refers to parent cpd; structure

methylreductase see methyl coenzyme M methylreductase

5-methylresorcinol see orcinol

methyl retinoate
(RN) 339-16-2
(RR) 16760-45-5 ((13-cis)-isomer)
(HM) TRETINOIN/*analogs
(NO) RN given refers to cpd without isomeric designation

3-methylriboflavin
(RN) 28721-76-8
(HM) RIBOFLAVIN/*analogs

methyl salicylate
(RN) 119-36-8
(RR) 7631-93-8 (Na salt)
(SY) methylsalicylate
(HM) *SALICYLATES
(NO) has hemolytic effect on human & sheep erythrocytes; RN given refers to parent cpd; structure in Merck Index, 9th ed. #5990

methylsalicylate see methyl salicylate

6-methylsalicylic acid synthetase
(RN) EC 6.-
(HM) *LIGASES
(HM) *MULTIENZYME COMPLEXES
(NO) similar to fatty acid synthetase complex, has reductase & acyltransferase components; acetyl CoA, NADPH & 3 malonyl CoA gives 6-methylsalicylic acid

4-methylsalinomycin see narasin

6-methylscoparone
(HM) *COUMARINS

7-methylscoparone
(HM) *COUMARINS

N-methylscopolamine
(RN) 13265-10-6
(RR) 7085-72-5 (nitrite)
(RR) 51-33-2 (nitrate)
(RR) 18067-13-5 (methyl sulfate(7(S)-(1alpha,2beta,4beta,5alpha,7beta))-isomer)
(RR) 6106-46-3 (nitrate(7(S)-(1alpha,2beta,4beta,5alpha,7beta))-isomer)
(RR) 155-41-9 (bromide(7(S)-(1alpha,2beta,4beta,5alpha,7beta))-isomer)
(RR) 68469-55-6 (3H-labeled cpd iodide(7(S)-(1alpha,2beta,4beta,5alpha,7beta))-isomer)
(RR) 57495-91-7 (methyl sulfate(7(R)-(1alpha,2beta,4beta,5alpha,7beta))isomer)
(RR) 34736-05-5 (methyl sulfate(1alpha,2beta,4beta,5alpha,7beta)-(+-)-isomer)
(RR) 29892-32-8 ((1alpha,2beta,4beta,5alpha,7beta)-(+-)-isomer)
(RR) 21361-84-2 (sulfate[1:1](7(S)-(1alpha,2beta,4beta,5alpha,7beta))-isomer)
(RR) 10459-99-1 (chloride(7(S)-(1alpha,2beta,4beta,5alpha,7beta))-isomer)
(RR) 7110-59-0 (iodide(7(S)-(1alpha,2beta,4beta,5alpha,7beta))-isomer)
(SY) methscopolamine bromide
(SY) hyoscine methobromide
(SY) methylscopolammonium methylsulfate
(SY) DD-234
(SY) Ulix
(SY) N-methyhyoscine methylsulfate
(HM) *SCOPOLAMINE DERIVATIVES
(PA) PARASYMPATHOLYTICS
(NO) RN given refers to parent cpd(7(S)-(1alpha,2beta,4beta,5alpha,7beta))-isomer; RN for cpd without isomeric designation not in Chemline 8/84

methylscopolammonium methylsulfate see N-methylscopolamine

4-methyl-2,3-secocholestane-2,3-diol
(RN) 95237-33-5
(SY) MCSD
(HM) *CHOLESTANOLS
(HM) *SECOSTEROIDS
(NO) structure given in first source

methylseleno-2-benzoic acid
(RN) 6547-08-6
(RR) 22262-18-6 (Na salt)
(HM) *BENZOATES
(HM) *SELENIUM
(NO) RN given refers to parent cpd

6-methyl-(75)selenomethyl-19-norcholest-5(10)-en-3 beta-ol see selenonorcholesterol

2-methylserotonin see 2-methyl-5-HT

methylsilanetriol salicylate see conjonctyl

6'-N-methylsisomicin see G-52

3-N-methylspiperone
(RN) 87539-19-3
(SY) N-methylspiroperidol
(HM) *SPIPERONE/analogs
(II) RECEPTORS, DOPAMINE
(NO) (11(C)-labeled cpd used in positron tomography; dopamine agonist & dopamine receptor ligand; structure given in first source

N-methylspiroperidol see 3-N-methylspiperone

10-methylstearic acid see tuberculostearic acid

methyl sterculate
(RN) 3220-60-8
(SY) sterculic acid methyl ester
(HM) *FATTY ACIDS, UNSATURATED

O-methylsterigmatocystin
(RN) 17878-69-2
(HM) *STERIGMATOCYSTIN/analogs

methyl sterol mixed function oxidase see methyl sterol oxidase

methylsterol oxidase see methyl sterol oxidase

methyl sterol oxidase
(RN) EC 1.-
(SY) methyl sterol mixed function oxidase
(SY) 4-methyl sterol oxidase
(SY) methylsterol oxidase
(HM) *MIXED FUNCTION OXIDASES
(NO) converts sterol 4-methyl to carboxylic acid; requires NADH or NADPH

4-methyl sterol oxidase see methyl sterol oxidase

9-methylstreptimidone
(RN) 51867-94-8
(HM) *PIPERIDONES
(PA) ANTIBIOTICS
(PA) ANTIVIRAL AGENTS
(PA) INTERFERON INDUCERS
(NO) structure

methylstyrene see vinyltoluene

4-methylsuberic acid
(RN) 90647-67-9
(RR) 80840-41-1 (cpd with unspecified locants for methyl group)
(HM) *DICARBOXYLIC ACIDS

DL-methylsuccinate see monomethyl succinate

methyl succinate see monomethyl succinate

3H-methylsuccinate see monomethyl succinate

methylsuccinic acid
(RN) 498-21-5
(RR) 636-60-2 ((+-)-isomer)
(HM) *SUCCINATES
(NO) RN given refers to cpd without isomeric designation

methyl sulfate
(RN) 75-93-4
(RR) 562-54-9 (K salt)
(RR) 512-42-5 (Na salt)
(RR) 19803-43-1 (NH3 salt)
(SY) monomethyl sulfate
(SY) sodium methyl sulfate
(HM) *SULFURIC ACID ESTERS
(NO) RN given refers to parent cpd

4-(methylsulfinyl)phenol
(RN) 14763-64-5
(HM) *PHENOLS
(NO) fensulfothion metabolite

methylsulfomethylate
(RN) 2562-54-1
(SY) GD-42
(SY) O-ethyl S-(beta-ethylthioethyl)(methyl) thiophosphonate methosulfate
(HM) *ORGANOTHIOPHOSPHORUS COMPOUNDS
(PA) CHOLINESTERASE INHIBITORS
(NO) Russian Drug; structure

methyl sulfone see dimethyl sulfone

methylsulfonylaminobutyryl-Lys(8)-Phe(9)-ACTH(4-9) see Org 2766

methylsulfonylaminobutyryl-8-lysyl-9-phenylalanine- ACTH (4-9) see Org 2766

4-(methylsulfonyl)-2,6-dinitro-N,N-dipropylaniline see Planavin

methylsulfonylfluoride see methanesulfonyl fluoride

methylsulfonylpentachlorobenzene
(RN) 67646-65-5
(HM) *CHLOROBENZENES
(NO) hexachlorobenzene metabolite

1-(3-(2-methylsulfonylphenothiazin-10-yl) propyl) isonipecotinamide see metopimazine

2-(methylsulfonyl)pyridine
(RN) 17075-14-8
(HM) *PYRIDINES

4-methyltamoxifen
(RN) 73617-95-5
(RR) 77588-47-7 ((E)-isomer)
(SY) para-methyltamoxifen
(HM) TAMOXIFEN/*analogs
(PA) ESTROGEN ANTAGONISTS
(NO) RN given refers to (Z)-isomer; RN for cpd without isomeric designation not in Chemline 8/1/83

2-methyl-5-tert-butyl-1,3-benzodioxole
(RN) 85896-58-8
(SY) 2-MBBD
(HM) *DIOXOLES

methyl tert-butyl ether
(RN) 1634-04-4
(SY) tert-butyl methyl ether
(SY) methyl t-butyl ether
(HM) *ETHERS
(II) SOLVENTS
(NO) used to dissolve gallstones

4-O-methyl-12-O-tetradecanoylphorbol 13- acetate
(RN) 57716-89-9
(SY) 4-O-methylphorbol 12-myristate 13-acetate
(HM) *TETRADECANOYLPHORBOL ACETATE/analogs

methyl 2-tetradecylglycidate see McN-3716

methyl 2-tetradecyloxiranecarboxylate see McN-3716

3-methyl-1,2,3,4-tetrahydro(1)benzothieno(3,2-c) pyridine.HCl see SK&F 7698

1-methyl-1,2,3,4-tetrahydro-beta-carboline-3-carboxylic acid
(RN) 5470-37-1
(SY) MTCA
(HM) *CARBOLINES
(NO) precursor of mutagenic nitroso cpd in soy sauce; structure given in first source

1-methyl-1,2,3,4-tetrahydro-beta-carboline see 1-methyltryptoline

2-methyl-1,2,3,4-tetrahydro-beta-carboline see 1-methyltryptoline

methyl 1,3a,4,8a-tetrahydro-3a,8b-dihydroxy-2-methyl-4-oxoindeno(1,2b)pyrrole-3-carboxylate see eboracin

5-methyltetrahydrofolate triglutamate
(RN) 50998-20-4
(SY) 5-Me-THF(Glu)3
(HM) *TETRAHYDROFOLATES

5-methyltetrahydrofolate
(RN) 134-35-0
(RR) 39605-23-7 ((DL-Glu)-isomer)
(RR) 31690-09-2 ((L-Glu)-(S)-isomer)
(RR) 31690-08-1 ((L-Glu)-(R)-isomer)
(RR) 26560-38-3 (Ca salt[1:1](L-Glu)-isomer)
(RR) 25630-71-1 (methyl-(14)C-labeled cpd(L-Glu)-isomer)
(RR) 24465-42-7 (methyl-(14)C-labeled cpd(DL-Glu)-isomer)
(SY) 5-methyltetrahydropteroylglutamate
(SY) Prefolic A
(SY) N(5)-methyltetrahydrofolic acid
(HM) *TETRAHYDROFOLATES

N(5)-methyltetrahydrofolic acid see 5-methyltetrahydrofolate

5-methyltetrahydrohomofolic acid
(RN) 52196-22-2
(RR) 52386-42-2 (di-Na salt)
(HM) FOLIC ACID/*analogs
(NO) RN given refers to parent cpd

6-methyl-1,2,3,5-tetrahydroimidazo(2,1-b)quinazolin-2-one.HCl see BL-3459

6-methyltetrahydropteridine see 6-methyltetrahydropterin

6-methyl-5,6,7,8-tetrahydropteridine see 6-methyltetrahydropterin

6-methyltetrahydropterin
(RN) 942-41-6
(SY) 6-methyltetrahydropteridine
(SY) tyrosine hydroxylase pteridine cofactor
(SY) 6-methyl-5,6,7,8-tetrahydropteridine
(SY) 2-amino-6-methyl-5,6,7,8-tetrahydro-4(3H)-pteridinone
(HM) *PTERINS

5-methyltetrahydropteroylglutamate see 5-methyltetrahydrofolate

5-methyltetrahydropteroylpentaglutamate
(SY) 5-Me-THF(Glu)5
(HM) *TETRAHYDROFOLATES

2-(N-methyl-(2,2,6,6-tetramethylpiperidinooxyl))ethyl 4-ethoxybenzoate
(SY) C2SL
(HM) *CYCLIC N-OXIDES
(II) SPIN LABELS
(NO) structure given in first source

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2-(N-methyl-N-(2,2,6,6-tetramethylpiperidinooxyl))ethyl 4-hexyloxybenzoate
(SY) C6SL
(SY) C6SLMeI
(HM) *CYCLIC N-OXIDES
(II) SPIN LABELS
(NO) structure given in first source

1-methyltetrazole-5-thiol see 1-N-methyl-5-thiotetrazole

6-methyl-N-(1H-tetrazol-5-yl)-2-pyridinecarboxamide
(RN) 83282-08-0
(SY) 6-MTPC
(HM) NICOTINAMIDE/*analogs
(PA) HISTAMINE H1 RECEPTOR BLOCKADERS
(NO) RN & structure given in first source; RN not in Chemline 3/84

1-methyl-4-(N-2-thenylanilino)piperidine see thenalidine

1-methyl-4-thieno(2,3-c)(2)-benzothiepin-4(9H)- ylidene piperidine see pipethiaden

1-methyl-2-(3-thienylcarbonyl)aminomethyl-5-(2-fluorophenyl)-H-2,3-dihydro-1,4-benzodiazepine see tifluadom

methyl(5-(2-thienylcarbonyl)-1H-benzimidazol-2-yl) carbamate see nocodazole

5-((5-methyl-3-thienyl)oxy)-2(1H)-pyrimidinone
(SY) MTOP
(HM) *THIOPHENES
(PA) ANTI-ULCER AGENTS
(NO) structure given in first source

methylthioadenosine nucleosidase see 5'-methylthioadenosine phosphorylase

methylthioadenosine phosphorylase see 5'-methylthioadenosine phosphorylase

5'-methylthioadenosine phosphorylase
(RN) EC 2.4.2.28
(SY) methylthioadenosine nucleosidase
(SY) methylthioadenosine phosphorylase
(SY) 5'-deoxy-5'-methylthioadenosine phosphorylase
(HM) *PURINE NUCLEOSIDE PHOSPHORYLASES
(NO) methylthioadenosine to methylthioribose-1-phosphate & adenine in the presence of orthophosphate

2-methylthioadenosine
(RN) 4105-39-9
(HM) ADENOSINE/*analogs
(HM) *THIONUCLEOSIDES

5'-methylthioadenosine
(RN) 2457-80-9
(RR) 61893-94-5 (methyl-(14)C-labeled cpd)
(SY) adenine(5'-deoxy-5'-methylthio)9-beta-D-furanoriboside
(SY) 5'-deoxy-5'-(methylthio)adenosine
(HM) ADENOSINE/*analogs
(HM) *THIONUCLEOSIDES
(NO) structure

methylthio-ADP
(RN) 34983-48-7
(RR) 85513-99-1 (P'-(32)P-labeled cpd)
(HM) ADENOSINE DIPHOSPHATE/*analogs
(HM) *THIONUCLEOTIDES

methyl 1-thio-beta-D-galactopyranoside see thiomethylgalactoside

8-(methylthio)cyclic 3',5'-adenosine monophosphate
(RN) 30630-07-0
(SY) SQ 80002
(SY) 8-(methylthio)cyclic AMP
(HM) ADENOSINE CYCLIC MONOPHOSPHATE/*analogs
(HM) *THIONUCLEOTIDES
(PA) PHOSPHODIESTERASE INHIBITORS
(NO) structure

8-(methylthio)cyclic AMP see 8-(methylthio)cyclic 3',5'-adenosine monophosphate

4-methylthio-1,2-dithiolane see charatoxin

2-(methylthio)ethanesulfonic acid see methyl coenzyme M

5'-methylthioformycin
(RN) 91255-90-2
(SY) 5'-MTF
(HM) *FORMYCINS
(NO) inhibits Friend erythroleukemia cell growth; structure given in first source

methylthiogalactoside see thiomethylgalactoside

methylthiogalactoside phosphate see methyl beta-D-thiogalactopyranoside phosphate

methyl thioglycolate
(RN) 2365-48-2
(RR) 42271-17-0 (Na salt)
(SY) thioglycolic acid methyl ester
(HM) *THIOGLYCOLATES
(NO) RN given refers to parent cpd

6-methylthioguanine
(RN) 1198-47-6
(HM) THIOGUANINE/*analogs

3-methylthio-4-hydroxyacetanilide see 3-thiomethylparacetamol

5'-methylthioinosine
(RN) 17298-58-7
(SY) 5'-deoxy-5'-methylthioinosine
(SY) 5-DMTI
(HM) *METHYLTHIOINOSINE
(II) ISOMERISM

2-methylthio-5-(3-iodopropargyloxy)pyrimidine see VUFB-9244

2-methyl-thio-N-6-isopentenyladenosine
(RN) 20859-00-1
(SY) N(6)-(delta(2)-isopentenyl)-2-methylthioadenosine
(HM) ISOPENTENYLADENOSINE/*analogs

4-methylthio-2-ketobutyric acid see 2-keto-4-methylthiobutyric acid

S-methylthiola
(RN) 87254-91-9
(SY) S-methylmercaptopropionylglycine
(HM) *MERCAPTOPROPIONYLGLYCINE/analogs

methyl thiolbutyrate
(RN) 2432-51-1
(HM) *BUTYRATES
(NO) reliable correlate of estrus in golden hamster

4-methylthio-2-oxobutanoate see 2-keto-4-methylthiobutyric acid

3-(6-(methylthio)-4-oxo-4H-quinazolin-3-yl)-2- propenoic acid see Ro 223747

methylthiopentachlorobenzene see pentachloromethylthiobenzene

4-(methylthio)phenol
(RN) 1073-72-9
(RR) 24676-71-9 (Na salt)
(HM) *PHENOLS
(NO) fensulfothion metabolite; RN given refers to parent cpd

4-methylthiophenyl dipropyl phosphate see propaphos

methylthiophosphorous acid O-ethyl S-2-dimethylamianoethyl ester see 33 SN

3-(methylthio)propionaldehyde see methional

3-methylthiopropionate
(RN) 646-01-5
(RR) 26995-71-1 (Na salt)
(HM) *PROPIONATES

5-methylthioribose kinase
(RN) EC 2.7.1.-
(HM) *PHOSPHOTRANSFERASES, ATP
(HM) *THIOGLYCOSIDES
(NO) forms 5-methylthioribose-1-phosphate

5'-methylthioribose 1-phosphate
(SY) 1-P-MTR
(SY) 1-phospho-5-methylthioribose
(HM) *THIOGLYCOSIDES
(HM) *RIBOSEMONOPHOSPHATES

5-methylthioribose
(RN) 23656-67-9
(HM) *THIOGLYCOSIDES

2-methylthioribosylzeatin see N(6)-(4-hydroxyisopentenyl)-2-methylthioadenosine

methylthioribulose 1-phosphate see 1-phospho-5-S-methylthioribulose

N-methylthiotetrazole see 1-N-methyl-5-thiotetrazole

N-methyl-thio-tetrazole see 1-N-methyl-5-thiotetrazole

1-N-methyl-5-thiotetrazole
(RN) 13183-79-4
(RR) 51138-06-8 (Na salt)
(SY) N-methyl-thio-tetrazole
(SY) N-methylthiotetrazole
(SY) 5-mercapto-N-methyltetrazole
(SY) 1-methyltetrazole-5-thiol
(SY) 1-methyl-5-mercaptotetrazole
(HM) *TETRAZOLES
(NO) side chain of several new antibiotics associated with development of hypoprothrombinemia

5'-methylthiotubercidin
(HM) *TUBERCIDIN/analogs
(HM) *THIONUCLEOSIDES

N-methylthiourea
(RN) 598-52-7
(SY) 1-methylthiourea
(HM) THIOUREA/*analogs

1-methylthiourea see N-methylthiourea

1-methyl-3-(thioxanthen-9-ylmethyl)- piperidine.HCl see methixene

2-methylthiozeatin riboside see N(6)-(4-hydroxyisopentenyl)-2-methylthioadenosine

O-methyl threonine
(RN) 4385-90-4
(RR) 4144-02-9 ((L-Thr)-isomer)
(HM) THREONINE/*analogs
(NO) RN given refers to cpd without isomeric designation

methylthymidine
(RN) 958-74-7
(HM) THYMIDINE/*analogs
(NO) RN given refers to N-3-methylthymidine

O-methylthymidine
(RN) 50591-13-4
(RR) 50591-12-3 ((alpha)-isomer)
(SY) O(4)-methyldeoxythymidine
(SY) 4-MDOT
(HM) THYMIDINE/*analogs
(NO) RN given refers to (beta)-isomer; RN for cpd without isomeric designation not in Chemline 8/84

O(4)-methylthymidine monophosphate
(RN) 88254-08-4
(SY) O(4)-methyldeoxythymidine monophosphate
(SY) mTMP
(HM) *THYMIDINE MONOPHOSPHATE

O(4)-methylthymidine triphosphate
(RN) 88254-09-5
(SY) O(4)-methyldeoxythymidine triphosphate
(SY) mTTP
(HM) THYMINE NUCLEOTIDES

O(2)-methylthymine-DNA glycosidase
(RN) EC 3.2.2.-
(SY) MTH-DNA glycosidase
(HM) *NUCLEOSIDASES
(II) DNA REPAIR
(NO) repairs O(2)-methylthymidine residues in DNA

O(4)-methylthymine-DNA methyltransferase
(RN) EC 2.1.1.-
(SY) MTH-DNA methyltransferase
(HM) *METHYLTRANSFERASES
(II) DNA REPAIR
(NO) repairs O(4)-methylthymidine residues in DNA

O-4-methylthymine
(RN) 25902-89-0
(HM) THYMINE/*analogs

methylthymol blue
(RN) 1945-77-3
(RR) 4310-80-9 (penta-Na salt)
(HM) BROMTHYMOL BLUE/*analogs
(II) INDICATORS AND REAGENTS
(NO) RN given refers to tetra-Na salt; parent cpd not in Chemline 6/30/83

1-methylthyrotropin releasing hormone see 1-methyl-TRH

3-methyl thyrotropin releasing hormone see 3-methyl-TRH

methyltin
(RN) 16408-15-4
(SY) monomethyltin trichloride
(HM) *ORGANOTIN COMPOUNDS

1-methyl-TRH
(RN) 34367-55-0
(RR) 78327-02-3 (3H-labeled cpd(L-Pro)-isomer)
(SY) 1-methylthyrotropin releasing hormone
(SY) pyroglutamyl-N(1)-methylhistidylprolinamide
(HM) THYROTROPIN RELEASING HORMONE/*analogs
(NO) RN given refers to unlabeled cpd(L-Pro)-isomer; RN for cpd without isomeric designation not in Chemline 8/84

3-methyl-TRH
(RN) 34367-54-9
(SY) pyroglu-3-methyl-histidyl-prolinamide
(SY) 3-methyl thyrotropin releasing hormone
(SY) 3-Me-His(2)TRH
(SY) 3-methylhistidine-TRH
(HM) THYROTROPIN RELEASING HORMONE/*analogs

5-(3-methyl-1-triazeno)imidazole-4-carboxamide see NSC 407347

3-methyltriazolophthalazine see 3-methyl-s-triazolo(3,4-a)phthalazine

3-methyl-s-triazolo(3,4-a)phthalazine
(RN) 20062-41-3
(SY) 3-methyltriazolophthalazine
(HM) *PHTHALAZINES
(PA) ANTIHYPERTENSIVE AGENTS
(NO) metabolite of hydralazine; structure

methyltricaprylylammonium see trioctylmethylammonium

methyltricaprylylammonium chloride see trioctylmethylammonium

methyltrichlorovinyl ketone see methyltrichlorovinylketone

methyl trichlorovinyl ketone see methyltrichlorovinylketone

methyltrichlorovinylketone
(RN) 5780-63-2
(SY) MTCVK
(SY) methyltrichlorovinyl ketone
(SY) methyl trichlorovinyl ketone
(HM) *BUTANONES
(NO) structure given in first source

methyl 2,3,6-trideoxy-alpha-glycero-hex-2-enopyranosid-4-ulose
(SY) MTHPU
(HM) *METHYLGLYCOSIDES
(NO) structure given in first source

(methyl 2,3,6-trideoxy-alpha-talopyranosido)-(3,2-d)-2-cyclohexanone
(SY) MTTCH
(HM) *METHYLGLYCOSIDES
(NO) structure given in first source

methyltrienolone
(RN) 965-93-5
(SY) 17 beta-hydroxy-17 alpha-methyl-estra-4,9,11-trien-3-one
(SY) RU 1881
(SY) R 1881
(SY) (17 beta)-17-hydroxy-17-methylestra-4,9,11-trien-3-one
(SY) 17 alpha-methyltrienolone
(HM) *ESTRENES
(PA) ANDROGENS, SYNTHETIC
(NO) RN given refers to (17beta)-isomer; RN for cpd without isomeric designation not in Chemline 8/84; structure

methyltrienolone binding protein see R 1881 binding protein

N-methyl-3-(3-(trifluoromethyl)phenoxy)-1-azetidinecarboxamide see fluzinamide

3-methyl-6-(3-(trifluoromethyl)phenyl)-1,2,4-triazolo(4,2-b)pyridazine see CL 218,872

N-methyl-N-(2,4,6-triiodo-3-aminophenyl)glutaramide acid see iomeglamic acid

5-methyl-6-(((3,4,5-trimethoxyphenyl)amino)methyl)-2,4-quinazoline diamine see trimetrexate

4-(1-methyl-3-(2,6,6-trimethyl-1-cyclohexen-1-yl)-2-(propenylidene)-2-cyclohepten-1-ylidene)ethanol
(RN) 90906-88-0
(SY) MTCPCE
(HM) *RETINOIDS
(NO) structure given in first source

methyl N-trimethyl-gamma-aminobutyrate chloride see carpronium

methyltriphenylphosphonium ion see triphenylmethylphosphonium

methyltripropylammonium iodide see tripropylmethylammonium

methyl trisporate E
(SY) trisporic acid methyl ester
(SY) 1,5-dimethyl-2-hydroxy-4-oxo-6-(2'-hydroxy-6'-methylocta-5',7'-dien-8'-yl)-5-cyclohexene-1-carboxylic acid methyl ester
(HM) *FATTY ACIDS, UNSATURATED
(II) SEX ATTRACTANTS
(NO) sex pheromone in Phycomyces blakesleeanus; structure given in first source

N-methyltryptamine
(RN) 61-49-4
(RR) 30953-45-8 (oxalate)
(RR) 942-27-8 (HCl)
(HM) *TRYPTAMINES
(NO) RN given refers to parent cpd

5-methyltryptamine
(RN) 1821-47-2
(RR) 26346-40-7 (unspecified HCl)
(RR) 1010-95-3 (mono-HCl)
(HM) *TRYPTAMINES
(NO) RN given refers to parent cpd

7-methyltryptamine
(RN) 14490-05-2
(RR) 56644-28-1 (oxalate)
(RR) 26346-39-4 (HCl)
(HM) *TRYPTAMINES
(NO) RN given refers to parent cpd

1-methyltryptoline
(RN) 13100-00-0
(SY) 2-methyl-1,2,3,4-tetrahydro-beta-carboline
(SY) 1-methyl-1,2,3,4-tetrahydro-beta-carboline
(HM) *CARBOLINES
(NO) enzymatic preparation from human brain converts methyltyptamine to methyltryptoline; structure

methyl tryptophan
(RN) 7303-49-3
(RR) 22032-65-1 ((D-Trp)-isomer)
(RR) 4299-70-1 ((L-Trp)-isomer)
(RR) 5619-09-0 (mono-HCl(DL-Trp)-isomer)
(RR) 26988-71-6 (unspecified HCl(L-Trp)-isomer)
(RR) 7524-52-9 (mono-HCl(L-Trp)-isomer)
(RR) 41222-70-2 (unspecified HCl(D-Trp)-isomer)
(RR) 14907-27-8 (mono-HCl(D-Trp)-isomer)
(SY) tryptophan methyl ester
(HM) TRYPTOPHAN/*analogs
(NO) RN given refers to parent cpd(DL)-isomer; RN for cpd without isomeric designation not in Chemline 6/30/83

7-methyltryptophan(9)-beta-corticotropin(1-24) see cosyntropin, 7-methyltryptophan(9)-

5-methyltryptophan
(RN) 2283-43-4
(RR) 154-06-3 ((L-Trp)-isomer)
(RR) 951-55-3 ((DL-Trp)-isomer)
(HM) TRYPTOPHAN/*analogs
(NO) RN given refers to cpd without isomeric designation

O-methyltyramine
(RN) 55-81-2
(RR) 645-58-9 (HCl)
(RR) 64610-30-6 (sulfate[2:1])
(SY) p-methoxyphenethylamine
(SY) p-methoxyphenylethylamine
(SY) 4-methoxyphenethylamine
(HM) TYRAMINE/*analogs
(PA) SYMPATHOMIMETICS
(NO) RN given refers to parent cpd

N-methyltyramine see methyl-4-tyramine

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methyl-4-tyramine
(RN) 370-98-9
(RR) 13062-76-5 (HCl)
(RR) 61186-07-0 (HBr)
(SY) N-methyltyramine
(HM) TYRAMINE/*analogs
(NO) found in barley malt; RN given refers to parent cpd; structure given in first source

4-methylumbelliferone-3-acetic acid
(HM) *HYMECROMONE/analogs

4-methylumbelliferone N-acetyl neuraminic acid ketoside see 2'-(4-methylumbelliferyl)-alpha-D-N-acetylneuraminic acid

4-methylumbelliferone-alpha-D-galactoside see 4-methylumbelliferyl-galactopyranoside

4-methylumbelliferone sulfate see 4-methylumbelliferyl sulfate

4-methylumbelliferyl 2-acetamido-2-deoxy-alpha-D-glucopyranoside see 4-MU-Glc-NAc

4-methylumbelliferyl-2-acetamido-2-deoxy-3-O-(beta-D-galactopyranosyl)beta-D-galactopyranoside see 4-methylumbelliferyl-galactosyl(1-3)-N-acetylgalactosaminide

4-methylumbelliferyl 2-acetamido-2-deoxy-beta-D-glucopyranoside see 4-MU-Glc-NAc

4-methylumbelliferyl-N-acetylamino-beta- galactoside
(SY) MeUmGalNAc
(HM) *HYMECROMONE/analogs
(HM) *GALACTOSIDES

4-methylumbelliferyl-N-acetyl-beta-glucosamine see 4-MU-Glc-NAc

4-methylumbelliferyl-N-acetylchitotetraoside
(SY) 4-MUACT
(HM) *HYMECROMONE/analogs
(HM) *OLIGOSACCHARIDES

4-methylumbelliferyl-N-acetyl-chitotrioside
(SY) MLU-A-CHO
(SY) 4-metehylumbelliferyl N-acetyl-chitotrioside
(HM) *HYMECROMONE/analogs
(HM) *OLIGOSACCHARIDES

4-methylumbelliferyl acyl ester hydrolase
(RN) EC 3.1.1.-
(SY) 4-methylumbelliferyl palmitate hydrolase
(SY) 4-methylumbelliferyl oleate hydrolase
(SY) 4-MUB oleate hydrolase
(HM) *CARBOXYLIC ESTER HYDROLASES

2'-(4-methylumbelliferyl)-alpha-D-N-acetylneuraminic acid
(RN) 59322-44-0
(SY) 4MU-NANA
(SY) 4-methylumbelliferone N-acetyl neuraminic acid ketoside
(SY) 4-methylumbelliferyl alpha-ketoside of N-acetylneuraminic acid
(SY)
4-methylcoumarin-7-yl-5-acetamido-3,5-dideoxy-alpha-glycero-galacto-2-nonulopyranosidonic acid
(HM) *HYMECROMONE/analogs
(II) FLUORESCENT DYES
(NO) fluorogenic substrate for neuramidase

4-methylumbelliferyl-alpha-D-galactopyranoside see 4-methylumbelliferyl-galactopyranoside

4-methylumbelliferyl-alpha-D-glucopyranoside see 4-methylumbelliferyl glucoside

4-methylumbelliferyl alpha-L-iduronide
(SY) 4-MUBI
(HM) *HYMECROMONE/analogs
(NO) fluorogenic substrate for (alpha-L)-iduronidase

4-methylumbelliferyl alpha-ketoside of N-acetylneuraminic acid see 2'-(4-methylumbelliferyl)-alpha-D-N-acetylneuraminic acid

4-methylumbelliferyl alpha-mannobioside
(HM) *HYMECROMONE/analogs
(II) FLUORESCENT DYES

4-methylumbelliferyl-alpha-D-mannopyranoside
(SY) 4-MUAMPD
(SY)
para-methylumbelliferyl-alpha-D-mannopyranoside
(HM) *HYMECROMONE/analogs
(II) FLUORESCENT DYES
(NO) see also record for (beta)-isomer

4-methylumbelliferyl-beta-D-N-acetylglucosamine-6- sulfate see 4-methylumbelliferyl-6-sulfo-2-acetamido-2-deoxy-beta-glucopyranoside

4-methylumbelliferyl-beta-D-galactopyranoside see 4-methylumbelliferyl-galactopyranoside

4-methylumbelliferyl-beta-galactosidase
(RN) EC 3.2.1.-
(SY) 4-MUB-galactosidase
(HM) *BETA GALACTOSIDASES
(NO) non-specific brain enzyme; distinct from EC 3.2.1.46

4-methylumbelliferyl-beta-D-galactoside see 4-methylumbelliferyl-galactopyranoside

4-methylumbelliferyl-beta-D-glucopyranoside see 4-methylumbelliferyl glucoside

4-methylumbelliferyl-beta-glucosidase
(RN) EC 3.2.1.-
(HM) *BETA-GLUCOSIDASES
(NO) aspect of EC 3.2.1.21

4-methylumbelliferyl-beta-D-mannopyranoside
(RN) 67909-30-2
(SY)
para-methylumbelliferyl-beta-D-mannopyranoside
(SY) 4MUBM
(HM) *HYMECROMONE/analogs
(II) FLUORESCENT DYES
(NO) see also record for (alpha)-isomer

methylumbelliferyl-beta-D-xyloside
(RN) 6734-33-4
(HM) *HYMECROMONE/analogs

4-methylumbelliferyl-casein
(SY) 4-MUB-casein
(HM) *HYMECROMONE/analogs
(HM) *CASEINS
(II) FLUORESCENT DYES
(NO) fluorogenic substrate for proteinase assay

4-methylumbelliferyl-galactopyranoside
(RN) 6160-78-7
(RR) 39940-54-0 (((beta-D)-galactosyloxy)-isomer)
(RR) 38597-12-5
(((alpha-D)-galactopyranosyloxy)-isomer)
(RR) 6160-78-7
(((beta-D)-galactopyranosyloxy)-isomer)
(SY) 4-methylumbelliferyl-beta-D-galactopyranoside
(SY) 4-methylumbelliferyl-alpha-D-galactopyranoside
(SY) 4-MUBF-GP
(SY) 4-methylumbelliferyl-beta-D-galactoside
(SY) 4-methylumbelliferyl galactose
(SY) 4-methylumbelliferone-alpha-D-galactoside
(HM) *HYMECROMONE/analogs
(HM) *GALACTOSIDES
(II) FLUORESCENT DYES
(NO) fluorogenic substrate; RN given refers to parent cpd

4-methylumbelliferyl galactose see 4-methylumbelliferyl-galactopyranoside

4-methylumbelliferyl-galactosyl(1-3)-N-acetylgalactosaminide
(RN) 82358-93-8
(SY) 4-MUGAGA
(SY) 4-methylumbelliferyl-2-acetamido-2-deoxy-3-O-(beta-D-galactopyranosyl)beta-D- galactopyranoside
(HM) *HYMECROMONE/analogs

4-methylumbelliferyl glucoside
(RN) 18997-57-4
(RR) 17833-43-1 ((alpha)-isomer)
(SY) 4-methylumbelliferyl-beta-D-glucopyranoside
(SY) 4-MU-glucoside
(SY) 4-methylumbelliferyl-alpha-D-glucopyranoside
(SY) 4-MU-alpha-glucoside
(HM) *HYMECKOMONE/analogs
(HM) *GLUCOSIDES
(NO) RN given refers to (beta)-isomer

4-methylumbelliferyl glucuronide
(RN) 6160-80-1
(SY) 4-MUG
(SY) hymecromone glucuronide
(HM) HYMECROMONE/*analogs
(II) FLUORESCENT DYES

4-methylumbelliferyl glycosides
(SY) 4-MUBG
(HM) *HYMECROMONE/analogs
(HM) *GLYCOSIDES

4-methylumbelliferylguanidinobenzoate
(SY) MUGB
(HM) *HYMECROMONE/analogs

4-methylumbelliferyl oleate hydrolase see 4-methylumbelliferyl acyl ester hydrolase

4-methylumbelliferyl oleate
(HM) *HYMECROMONE/analogs

4-methylumbelliferyl palmitate hydrolase see 4-methylumbelliferyl acyl ester hydrolase

4-methylumbelliferyl phenylphosphonate
(RN) 85197-20-2
(SY) 4-MUPPH
(HM) *HYMECROMONE/analogs
(II) FLUORESCENT DYES
(NO) fluorogenic substrate for phosphodiesterase I

4-methylumbelliferyl phosphate
(RN) 3368-04-5
(HM) *HYMECROMONE/analogs

4-methylumbelliferyl phosphorylcholine
(SY) 4-MUPC
(HM) *PHOSPHATIDYLCHOLINES

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4-methylumbelliferyl sulfate
(RN) 25892-63-1
(RR) 15220-11-8 (K salt)
(SY) 4-methylumbelliferone sulfate
(SY) hymecromone sulfate
(HM) *HYMECROMONE/analogs
(NO) RN given refers to parent cpd

4-methylumbelliferyl-6-sulfo-2-acetamido- 2-deoxy-beta-glucopyranoside
(SY) Mu-GlcNAcS
(SY) 4-methylumbelliferyl-beta-D-N-acetylglucosamine-6-sulfate
(SY) 4MUGS
(HM) *HYMECROMONE/analogs
(NO) used for diagnosis of B variants of GM2 gangliosidosis

4-methylumbelliferyl thymidine 5'-phosphate
(RN) 80180-70-7
(SY) 4-MUT-5-P
(SY) ammonium 4-methylumbelliferyl 5'-thymidylate
(SY) 4MUpT
(HM) *HYMECROMONE/analogs
(II) FLUORESCENT DYES
(NO) fluorogenic substrate for 5'-nucleotide phosphodiesterase detection

methyluracil see 6-methyluracil

1-methyluracil
(RN) 615-77-0
(RR) 58316-87-3 (ion(1-))
(RR) 58052-66-7 (mono-HBr)
(HM) URACIL/*analogs
(NO) RN given refers to parent cpd; structure

6-methyluracil
(RN) 626-48-2
(RR) 16656-34-1 (14C-labeled cpd)
(SY) methacil
(SY) pseudothymine
(SY) methyluracil
(HM) URACIL/*analogs
(NO) RN given refers to unlabeled cpd; structure

methylurea
(RN) 598-50-5
(HM) *METHYLUREA COMPOUNDS

1-methyluric acid
(RN) 708-79-2
(HM) URIC ACID/*analogs

methyl vaccenate
(RN) 1937-63-9
(RR) 6198-58-9 ((E)-isomer)
(SY) vaccenic acid methyl ester
(HM) *OLEIC ACIDS
(II) ISOMERISM
(NO) RN given refers to (Z)-isomer; RN for cpd without isomeric designation not in Chemline 1/26/84

3-methylvalerate see 3-methylvaleric acid

3-methylvaleric acid
(RN) 105-43-1
(SY) 3-methylvalerate
(HM) *PENTANOIC ACIDS

methylvinyldichlorosilane see dichloromethylvinylsilane

2-methyl-5-vinylpyridine polymer
(RN) 25038-86-2
(SY) poly-2-methyl-5-vinylpyridine
(HM) *POLYVINYLS

methylvitamin B12 see mecobalamin

methylxanthine
(RN) 28109-92-4
(HM) *XANTHINES

3-methylxanthine
(RN) 1076-22-8
(RR) 6691-47-0 (mono-K salt)
(RR) 54995-89-0 (mono-Na salt)
(RR) 89838-10-8 (methyl-(13)C-labeled cpd)
(HM) *XANTHINES
(NO) theophylline metabolite; RN given refers to unlabeled parent cpd

methylxylocholine
(RN) 363-42-8
(SY) trimethyl(2-(2,6-xylyloxy)propyl)ammonium
(SY) SKF 6890A
(SY) beta-methyl-TM 10
(SY) SK&F 6890A
(HM) *CHOLINE
(NO) RN given refers to chloride; RN for parent cpd not in Chemline 8/84

N-methyl-N'-2,4-xylylformamidine see U-40481

1-methylyohimbine
(RN) 5057-80-7
(HM) YOHIMBINE/*analogs
(NO) RN given refers to mono-HI(16alpha,17alpha)-isomer; RN for parent cpd without isomeric designation not in Chemline 9/85

6-(methyoxymethylene)penicillanic acid
(RN) 93040-42-7
(RR) 93756-71-9 (K salt(2S-(2alpha,5alpha,6E))-isomer)
(RR) 93756-70-8 (K salt(2S-(2alpha,5alpha,6Z))-isomer)
(RR) 93756-59-3 (NH4 salt(2s-(2alpha,5alpha,6E))-isomer)
(RR) 93756-56-0 (NH4 salt(2S-2alpha,5alpha,6Z))-isomer)
(RR) 93040-43-8 ((2S-(2alpha,5alpha,6E))-isomer)
(SY) 6-MMPC
(HM) *PENICILLANIC ACIDS
(PA) BETA LACTAMASES/antag
(NO) structure given in first source; RN given refers to (2S-(2alpha,5alpha,6Z))-isomer; RN for cpd without isomeric designation not available 6/85

methyridine
(RN) 114-91-0
(SY) 2-(beta-methoxyethyl)pyridine
(SY) Dekelmin
(SY) Promintic
(SY) metyridin
(HM) *PYRIDINES
(PA) ANTINEMATODAL AGENTS
(NO) veterinary anthelmintic & nematocide; minor descriptor (75-85); on-line & Index Medicus search PYRIDINES (75-85)

metiapine
(RN) 5800-19-1
(SY) 2-methyl-11-(4-methyl-1-piperazinyl)-dibenzo (b,f)(1,4)thiazepine
(HM) *DIBENZOTHIAZEPINES
(PA) TRANQUILIZING AGENTS
(NO) structure

metindion see methindione

metioprim
(RN) 68902-57-8
(SY) 5-((3,5-dimethoxy-4-(methylthio)phenyl)methyl)-2,4-pyrimidinediamine
(SY) Ro 126995
(SY) methioprim
(SY) Ro-126995
(HM) TRIMETHOPRIM/*analogs
(PA) ANTI-INFECTIVE AGENTS
(NO) structure given in first source

metiram see polymarcine

metixene see methixene

metkephamid
(RN) 66960-34-7
(RR) 66960-35-8 (monoacetate(L-Tyr-D-Ala-Gly-L-Phe)-(L-Met)-isomer)
(SY) enkephalinamide-Met, Ala(2)-N(2)-Me-
(SY) Met-enkephalinamide-Ala(2)-N(2)-Me
(SY) methionine enkephalinamide-2-alanyl-2-N-methyl
(SY) 2-alanyl-2-N-methyl-methionine enkephalinamide
(SY) LY 127623
(SY) LY-127623
(HM) ENKEPHALIN, METHIONINE/*analogs
(NO) systemically active analog of methionine enkephalin; RN given refers to parent cpd(L-Tyr-D-Ala-Gly-L-Phe)-(L-Met)-isomer; RN for cpd without isomeric designation not in Chemline 8/84

metkephamid acetate
(RN) 69924-15-8
(SY) enkephalinamide-Met, O-Ac-Ala(2)-N(2)-Me-
(SY) Met-enkephalinamide-O-Ac-Ala(2)-N(2)-Me
(SY) methionine enkephalinamide-O-acetyl-2-alanyl-2-N-methyl
(SY) O-acetyl-2-alanyl-2-N-methyl-methionine enkephalinamide
(SY) Lilly 127623
(HM) ENKEPHALIN, METHIONINE/*analogs
(PA) ANALGESICS
(NO) RN given refers to ((L-Tyr-D-Ala-Gly-L-Phe)-(L-Met)-isomer); RN for cpd without isomeric designation not in Chemline 8/84

metlegoglobin reductase
(RN) EC 1.6.-
(HM) *NADH, NADPH OXIDOREDUCTASES
(NO) from lupine nodules; has NADH diaphorase activity; MW of flavoprotein: 30,000

Met-Leu-Phe see methionyl-leucyl-phenylalanine

Met-Leu-Phe-Ile-Lys-Arg-Ser-Arg-His-Phe see methionyl-leucyl-phenylalanyl-isoleucyl-lysyl-arginyl-seryl-arginyl-histidyl-phenylalanine

Met-Lys-bradykinin see bradykinin, Met-Lys-

Met-Met see methionylmethionine

Met-Met-Met see trimethionine

metmin polypeptide group see metmin protein

metmin protein
(SY) metmin polypeptide group
(HM) *PROTEINS
(II) METHIONINE
(NO) group of polypeptides from cells grown under methionine starvation

metmyoglobin azide
(SY) azidometmyoglobin
(HM) *METMYOGLOBIN/analogs

metmyoglobin cyanide see cyanometmyoglobin

metmyoglobin fluoride
(SY) fluorometmyoglobin
(HM) *METMYOGLOBIN/analogs

metmyoglobin reductase
(RN) EC 1.6.-
(HM) *NADH, NADPH OXIDOREDUCTASES

metmyoglobin sulfide
(SY) metsulfmyoglobin
(HM) *METMYOGLOBIN/analogs

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metobromuron
(RN) 3060-89-7
(SY) 3-(p-bromophenyl)-1-methoxy-1-methylurea
(SY) patoran
(HM) *PHENYLUREA COMPOUNDS
(PA) HERBICIDES, UREA
(NO) structure

metocurine
(RN) 5152-30-7
(RR) 76786-17-9 (diiodide(1beta)-isomer)
(RR) 22154-25-2 ((1'alpha)-isomer)
(RR) 16240-52-1 (diiodide(1beta)-isomer)
(RR) 7601-55-0 (diiodide)
(RR) 477-44-1 (dihydroxide)
(RR) 16202-67-8 ((1beta)-isomer)
(RR) 33335-58-9 (dichloride)
(RR) 298-99-7 (diiodide(1beta)-(+-)-isomer)
(RR) 82863-25-0 (dichloride(1beta)-(+-)-isomer)
(RR) 29424-87-1 (dichloride(1alpha)-isomer)
(RR) 82863-25-0 (dichloride(1beta)-(+-)-isomer)
(RR) 29424-87-1 (dichloride(1'alpha)-isomer)
(SY) dimethyl-L-curine dimethochloride
(SY) dimethyl-L-curine dimethoiodide
(SY) dimethylchondrocurarine
(SY) metubine
(SY) dimethylcurine
(SY) dimethyl dl-curine dimethochloride
(SY) metocurine iodide
(SY) dimethylcurarine dimethochloride
(SY) DMCDM
(HM) TUBOCURARINE/*analogs
(PA) NEUROMUSCULAR BLOCKING AGENTS
(PA) NEUROMUSCULAR NONDEPOLARIZING AGENTS
(PA) CURARE-LIKE AGENTS
(II) PLANTS, MEDICINAL
(NO) RN given refers to parent cpd without isomeric designation; structure in USAN 1982, p.300; from Chinese herb Cyclea hainanensis Mrr

metocurine iodide see metocurine

metofenazate
(RN) 388-51-2
(RR) 522-23-6 (difumarate)
(SY) 2-(4-(3-(2-chlorophenothiazin-10-yl)-propyl)-1-piperazinyl)-ethyl-3,4,5-trimethoxybenzoate
(SY) methophenazine
(SY) perphenazintrimethoxybenzoate
(SY) frenolone
(SY) phrenolon
(HM) *PHENOTHIAZINES
(PA) PHENOTHIAZINE TRANQUILIZERS
(NO) RN given refers to parent cpd; structure

Metol
(RN) 150-75-4
(RR) 22906-85-0 (HCl)
(RR) 51-72-9 (sulfate[1:1])
(RR) 55-55-0 (sulfate[2:1])
(RR) 87718-22-7 (unspecified phosphate)
(RR) 1936-57-8 (unspecified sulfate)
(SY) N-methyl-4-aminophenol
(HM) *AMINOPHENOLS
(NO) RN given refers to parent cpd; structure

Metomide see Bactrim

metopimazine
(RN) 14008-44-7
(RR) 74340-29-7 (HCl)
(SY) 1-(3-(2-methylsulfonylphenothiazin-10-yl) propyl)isonipecotinamide
(HM) *ISONIPECOTIC ACIDS
(PA) ANTIEMETICS
(NO) RN given refers to parent cpd; structure

metoprine see methodichlorophen

metorphamide see adrenorphin

METOS see enkephalin-Met, tyrosine-O-sulfate

Met(5)-pentatryptophyllin-5-amide
(RN) 89444-58-6
(SY) Phe-Pro-Pro-Trp-Met-NH2
(SY) phenylalanyl-prolyl-prolyl-tryptophanyl-methioninamide
(SY) PPPTM
(HM) *OLIGOPEPTIDES
(NO) from S. American frog Phyllomedusa rhodei

D-Met(2)-Pro(5)-enkephalinamide see enkephalin, Met(2)-ProNH(2)(5)-

Met-Pur see methionylpuromycin

metralindole
(RN) 54188-38-4
(RR) 67830-40-4 (L-tartrate[2:1](+)-isomer)
(RR) 55912-07-7 (L-tartrate[1:1](+)-isomer)
(RR) 58473-45-3 (L-tartrate[1:2](+)-isomer)
(RR) 53734-79-5 (mono-HCl)
(RR) 55912-07-7 (tartrate[1:1](R-(R*,R*))-isomer)
(SY) inkasan
(SY) 3-methyl-8-methoxy-(3H)-1,2,5,6-tetrahydropyrazino(1,2,3-ab)-beta-carboline
(SY) inkazan
(HM) *CARBOLINES
(PA) ANTIDEPRESSIVE AGENTS
(NO) RN & N1 from 9th CI Form Index; inkasan refers to mono-HCl; RN given refers to parent cpd without isomeric designation; structure in first source & in UD references

metribuzin
(RN) 21087-64-9
(SY) Bay 94,337
(SY) lexone
(SY) sencor
(SY) 4-amino-6-tert-butyl- 3-(methylthio)-s-triazin-5-(4H)-one
(HM) *TRIAZINES
(PA) HERBICIDES, TRIAZINE

metrisil see melitracene

Metrotonin see dimethylamphetamine

7-me-Trp(9)-cosyntropin see cosyntropin, 7-methyltryptophan(9)-

METSA see enkephalinamide-Met, Tyr sulfate(1)-Ala(2)-

Met-somatotropin see somatotropin, methionyl

metsulfmyoglobin see metmyoglobin sulfide

Met-sulfoxide-enkephalinamide-Ala(2) see enkephalinamide-Met sulfoxide, Ala(2)-

Met-tRNA see tRNA(m)(Met), methionine-

Met-tRNA(f) deacylase see methionyl-tRNA-Met-f deacylase

Met-tRNA(f) see tRNA(f)(Met), methionine-

(f)(Met)-tRNA see tRNA, formylmethionine-

Met-tRNA(f)(Met) see tRNA(f)(Met), methionine-

met tRNA(i)Met see tRNA(m)(Met), methionine-

Met-tRNA(m)(Met) see tRNA(m)(Met), methionine-

Met-Tyr-Lys see methionyl-tyrosyl-lysine

metubine see metocurine

methylperon
(RN) 3575-80-2
(RR) 1622-79-3 (HCl)
(SY) methylperon
(SY) buronil
(SY) melperon FG 5111
(SY) melperone
(SY) melperon
(HM) *BUTYROPHENONES
(PA) BUTYROPHENONE TRANQUILIZERS
(PA) ANTI-ARRHYTHMIA AGENTS
(NO) RN given refers to parent cpd

metyridin see methyridine

metyrosine see alpha-methyl-4-tyrosine

N-Me-Tyr-D-Ser-Gly-N-Me-Phe-D-Ser-NH2 see WY 42896

MeUmGalNAc see 4-methylumbelliferyl-N-acetylamino-beta-galactoside

MEV
(HM) METHOTREXATE
(HM) CYCLOPHOSPHAMIDE
(HM) VINCRISTINE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

MEV-A see ANAVACYM

mevalonate kinase
(RN) EC 2.7.1.36
(RR) 9026-52-2 (CRN)
(HM) *PHOSPHOTRANSFERASES, ATP

mevalonate pyrophosphate see 5-diphosphomevalonic acid

mevalonate pyrophosphate decarboxylase see pyrophosphomevalonate decarboxylase

mevalonic acid lactone see mevalonolactone

mevalonolactone
(RN) 503-48-0
(RR) 19115-49-2 ((R)-isomer)
(RR) 19022-60-7 ((S)-isomer)
(RR) 1004-34-8 (3-(14)C-labeled cpd)
(RR) 674-26-0 ((+-)-isomer)
(SY) mevalonic acid lactone
(HM) MEVALONIC ACID/*analogs
(NO) RN given refers to unlabeled cpd without isomeric designation; structure

MEVAP
(HM) METHOTREXATE
(HM) CYCLOPHOSPHAMIDE
(HM) VINCRISTINE
(HM) DOXORUBICIN
(HM) PREDNISONE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

mevinolin
(RN) 75330-75-5
(SY) 1,2,6,7,8,8a-hexahydro-beta,delta-dihydroxy-2,6-dimethyl-8-(2-methyl-1-oxobutoxy)-1-naphthaleneheptanoic acid delta-lactone
(SY) 6-methylcompactin
(SY) Butanic acid, 2-methyl-,1,2,3,7,8,8a-hexahydro-3,7-dimethyl-8-(2-(tetrahydro-4-hydroxy-6-oxo-2H-pyran-2-yl)ethyl)-1-naphthalenyl ester,(1S-(1alpha(R*),3alpha,7beta,8beta(2S*,4S*),8beta))
(HM) *NAPHTHALENES
(PA) ANTICHOLESTEREMIC AGENTS
(PA) HYDROXYMETHYLGLUTARYL COA REDUCTASES/antag
(NO) fungal metabolite isolated from cultures of Aspergillus terreus; RN given refers to (1S-(1alpha(R*),3alpha,7beta,8beta(2S*,4S*),8abeta))-isomer; RN for cpd without isomeric designation not in Chemline 8/84; structure given in first source

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mevinolinic acid
(RN) 77285-87-1
(RR) 78342-20-8 (Al[3:1] salt)
(RR) 78342-19-5 (Ca[2:1] salt)
(RR) 77983-20-1 (mono-Na salt)
(RR) 75225-51-3
((1S-(1alpha(betaS*,deltaS*),2alpha,6beta,8beta(R*)=,8aalpha))-isomer)
(RR) 75225-50-2 (mono-Na salt(1S-(1alpha(betaS*,deltaS*),2alpha,6beta,8beta(R*)=,8aalpha))-isomer)
(HM) *NAPHTHALENES
(PA) TERATOGENS
(PA) HYDROXYMETHYLGLUTARYL COA REDUCTASES/antag
(NO) RN given refers to parent cpd; structure given in first source

MEVPP decarboxylase see pyrophosphomevalonate decarboxylase

Mexaform
(RN) 8056-07-3
(HM) *PHENANTHROLINES
(HM) *IODOCHLORHYDROXYQUIN
(HM) DRUG COMBINATIONS
(PA) ANTIDIARRHEALS
(II) OXYPHENONIUM BROMIDE
(NO) contains 4,7-phenanthroline-5,6-dione & iodochlorhydroxyquin; used in treatment of non-specific enteritis; structure

Mexase
(HM) *BROMELAINS
(HM) *IODOCHLORHYDROXYQUIN
(HM) *PHENANTHROLINES
(HM) *DEHYDROCHOLIC ACID
(HM) *PANCREATIN
(HM) DRUG COMBINATIONS
(NO) contains bromelain, pancreatin, dehydrocholic acid, iodochlorhydroquin, 4,7-phenanthroline-5,6-dione used in treatment of non-specific enteritis

mexephenamide see mefexamide

mexiletine-GLC see mexiletine glucuronide conjugate

mexiletine glucuronide conjugate
(SY) mexiletine-GLC
(HM) *MEXILETINE/analogs
(NO) mexiletine metabolite

mezerein
(RN) 34807-41-5
(SY) daphnane
(SY) 5-phenyl-2,4-pentadionate daphnetoxin
(HM) *TERPENES
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(PA) CARCINOGENS
(NO) toxic component of plant Daphne mezereum with anti-leukemic activity against P-388 & P-1210 in mice; can act as a tumor promoter; RN given refers to (12beta(E,E))-isomer; RN for cpd without isomeric designation not in Chemline 8/84; structure

mezilamine
(RN) 50335-55-2
(RR) 50295-40-4 (mono-HCl)
(RR) 74039-21-7 (unspecified HCl)
(SY) O 6553
(SY) 2-methylamino-4-N-methylpiperazino-5-thiomethyl-6-chloropyrimidine
(HM) *PYRIMIDINES
(PA) ANTIEMETICS
(PA) ANTIPSYCHOTIC AGENTS
(PA) DOPAMINE/antag
(NO) RN given refers to parent cpd; synonym O 6553 refers to HCl; structure

ME 1 see arginine esterase

ME-1 see arginine esterase

ME-2 see arginine esterase

ME 2 see arginine esterase

MFA-142 see MFA 142

MFA 142
(RN) 69408-81-7
(SY) M-FA-142
(SY) 5-amino-2-(2-dimethylaminoethyl)benzo(de) isoquinolin-1,3-dione
(SY) MFA-142
(SY) FA 142
(HM) *ISOQUINOLINES
(PA) ANTIVIRAL AGENTS
(PA) ANTINEOPLASTIC AGENTS
(NO) structure given in first source

6-MFA
(RN) 42615-31-6
(HM) *FUNGAL PROTEINS
(PA) ANTIVIRAL AGENTS
(PA) ANTI-INFLAMMATORY AGENTS
(NO) polysaccharide containing protein & nucleic acid (ds=RNA) isolated from Aspergillus flavus strain 6-MFA in liquid culture; also Aspergillus ochraceus AT CC 28706

MFC
(RN) 82951-53-9
(HM) MITOMYCINS
(HM) FLUOROURACIL
(HM) CYTARABINE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds; used for gastric neoplasms

MFIC see merthiolate-iodine-formalin fixative

MFMD see alpha-monofluoromethyldopa

MF-MMA copolymer see methacryloyl fluoride-methyl methacrylate copolymer

9-MF-OH see 9-hydroxy-9-methylfluorene

9-MF-OOH see 9-hydroperoxy-9-methylfluorene

3-O-MFP see 3-O-methylfluorescein phosphate

MFTAHP see N(5)-methyl-N(5)-formyl-2,5,6-triamino-4-hydroxypyrimidine

MgATP see magnesium ATP

Mg Ca ATPase see calcium magnesium ATPase

(Mg(2+) + Ca(2+))-ATPase see calcium magnesium ATPase

MGCh see methylglycol chitosan

MgCl2 see magnesium chloride

N-MGDC see N-methyl-D-glucamine dithiocarbamate

Mg-2,4-divinylpheoporphyrin see divinylprotochlorophyllide

7-MG DNA glycosylase see 7-methylguanine DNA glycosylase

MG-DNA-methyltransferase see O(6)-methylguanine-DNA methyltransferase

MgGTP see magnesium GTP

Mg GTPase see magnesium GTPase

Mg-HCO3-ATPase see magnesium-bicarbonate ATPase

Mg-inosine triphosphate see magnesium ITP

MgITP see magnesium ITP

MGK glyceride
(RN) 11140-04-8
(HM) *GLYCERIDES
(II) SUPPOSITORIES
(NO) mixture of glyceryl mono-, di-, & tricaprylates; RN given from Toxline; RN not in Chemline 5/85

MGLDG see monogalactosyldiglycerides

Mg mesoporphyrin see magnesium mesoporphyrin

Mg Na ATPase see magnesium sodium ATPase

Mg Na K ATPase see magnesium sodium potassium ATPase

Mg(2+)-(Na+ + K+)ATPase see magnesium sodium potassium ATPase

Mg(2+) + Na(+)-dependent ATPase see magnesium sodium ATPase

MGOMBG see methyl 4-O-(4 alpha-glucopyranosyloxy-4-methoxybutyl)-alpha-glucopyranoside

Mg protoporphyrin see magnesium protoporphyrin

Mg pyrophosphate see magnesium pyrophosphate

Mg trimetaphosphate see trimetaphosphoric acid

MG 13054 see fenquizone

M.G. 13608 see 4-hydroxymethyl-2-iodomethyl-1,3-dioxolane

MG 18949
(SY) MG-18949
(SY) 2-(4-carboxymethylphenyl)-4-phenyl-5-methyl-2,4-dihydropyrazol-3-one
(HM) *PYRAZOLES
(PA) ANALGESICS, ANTI-INFLAMMATORY
(NO) structure given in first source

MG-18949 see MG 18949

MG 22429 see febuprol

MG 28734 see sulmazole

MG-28734 see sulmazole

MG 46 see clofibride

M.G. 6669
(RN) 86336-35-8
(SY) M.G.-6669
(HM) *CYCLOHEXANES
(PA) ANTIDEPRESSIVE AGENTS
(NO) structure in first source

M.G.-6669 see M.G. 6669

MG-6758 see MG 6758

MG 6758
(RN) 66048-45-1
(SY) 5-fluorouracil glucuronide
(SY) 3,4-dihydro-2,4-dioxo-5-fluoro-1(2H)pyrimidinyl-1-deoxy-1-glucopyranuronic acid
(SY) 5-fluorouracil O-beta-D-glucuronide
(SY) MG-6758
(HM) FLUOROURACIL/*analogs
(HM) *PYRIMIDINE NUCLEOSIDES
(PA) ANTINEOPLASTIC AGENTS
(NO) structure given in first source

MG 8823 see exaprolol

MG 8926 see droprenylamine

4-MHA activating enzyme see 4-methyl-3-hydroxyanthranilic acid adenylyltransferase

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MHAQ see
1-hydroxy-5,8-bis(2-((2-hydroxyethyl)amino)ethylamino)
-9,10-anthracenedione

2-MHDOR see methyl
2-O-methyl-4-O-homodichloroorsellinate-beta-
rhamnoside

MHDP see hydroxymethanediphosphonic acid

MHHMB see
2-(6'-methylheptanol-1'-yl)-3-hydroxymethyl-4-
butanolide

MHPDA see 3-hydroxyphenyl-3H-diazirine

MHPEO see methyl
9-hydroperoxy-12,13-epoxy-10-octadecenoic acid

MHPG glucuronide see 3-methoxy-4-hydroxyphenylglycol
glucuronide

MHPG-SO4 see 3-methoxy-4-hydroxyphenylglycol sulfate

mHPHA see 3-(3-hydroxyphenyl)-3-hydroxypropanoic acid

D-5-MHP see di-(5-methylhexyl)phthalate

MHTQ see
2-methyl-5,6-dihydro-1,3-thiazino(2,3-b)quinazolin-4- one

6-MIAA see 6-methoxyindan-1-acetic acid

MIABT see iodo-alpha-bungarotoxin

MIANS see 2-(4'-maleimidylanilino)naphthalene-6-sulfonic
acid

Mi-2 antibodies
(SY) anti-Mi-2
(HM) *AUTOANTIBODIES
(II) DERMATOMYOSITIS
(II) MYOSITIS
(NO) association between autoantibodies to Mi-2 antigen in calf thymus extract & dermatomyositis

mibolerone
(RN) 3704-09-4
(SY) U-10,997
(SY) U-10997
(SY) 17,17-dimethyl-19-nortestosterone
(HM) NANDROLONE/*analogs
(II) ANDROGENS, SYNTHETIC
(NO) prevents estrus in animals & prevents experimental lymphoid leukosis; minor descriptor (80-83); on-line & Index Medicus search NANDROLONE/AA (80-83); RN given refers to (7alpha,17beta)-isomer; RN for cpd without isomeric designation not in Chemline 8/8/83; structure

MIC see NSC 407347

mica
(RN) 12001-26-2
(HM) *ALUMINUM SILICATES

micalite see lithium carbonate

Michler's hydrol see 4,4'-bis(dimethylamino)benzhydrol

Michler's ketone
(RN) 90-94-8
(SY) 4,4'-bis(dimethylamino)benzophenone
(HM) *BENZOPHENONES

mico-artemin
(SY) black broom
(HM) *OILS, VOLATILE
(HM) *PLANT EXTRACTS
(PA) ANTIFUNGAL AGENTS
(NO) ethereal oil extracted from wormwood (Artemisia annua L.); has antimycotic activity; used for local treatment of epidermophytosis interdigitalis pedum

miconen see prethcamide

micoren see prethcamide

MICRhoGAM see RHo(D) Immune Globulin

micRNA see complementary RNA

microbial alkaline proteinase inhibitor
(SY) alpha-MAPI
(HM) *ENZYME INHIBITORS
(NO) specific inhibitor for serine and thiol proteinases

microbial cationic peptides see microbicidal cationic proteins

microbial metalloproteinases
(RN) EC 3.4.24.4
(SY) Serratia 56K protease
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) Serratia 56K protease contains zinc

microbial serine proteinases
(RN) EC 3.4.14
(SY) alkaline proteases, bacterial
(HM) *PEPTIDE PEPTIDOHYDROLASES

microbicidal cationic proteins
(SY) rabbit alveolar macrophage microbicidal cationic proteins
(SY) microbial cationic peptides
(SY) MCP-1
(SY) MCP-2
(SY) antimicrobial peptides, neutrophil
(SY) peptide NP-1
(SY) peptide NP-2
(SY) peptide NP-3a
(SY) peptide NP-3b
(SY) peptide NP-4
(SY) peptide NP-5
(HM) *PROTEINS
(PA) ANTIFUNGAL AGENTS
(PA) ANTI-INFECTIVE AGENTS
(NO) highly active against Candida albicans & C. parapsilosis

microcin
(RN) 1403-96-9
(RR) 74565-42-7 (microcin 509n)
(RR) 74565-41-6 (microcin 509a)
(RR) 71123-93-8 (microcin 140)
(RR) 65099-26-5 (microcin 15m)
(RR) 1403-97-0 (microcin B)
(RR) 84286-90-8 (microcin 17)
(SY) microcin 140
(SY) microcin 17
(SY) microcins
(SY) microcin 7
(SY) microcin E 492
(SY) microcin B17
(HM) *BACTERIOCINS
(PA) ANTIBIOTICS
(II) ANTIBIOTICS
(NO) low MW peptide antibiotics from E coli & Enterobacteriacea; E492 isolated from Klebsiella pneumonia; RN given refers to microcin A with unknown MF

microcin B17 see microcin

microcin E 492 see microcin

microcins see microcin

microcin 140 see microcin

microcin 17 see microcin

microcin 7 see microcin

micrococcin
(RN) 1392-45-6
(HM) PEPTIDES
(PA) ANTIBIOTICS
(NO) acceptor-site-specific inhibitor of protein synthesis

microdose of Rh(o) immune globulin (human) see RHo(D) Immune Globulin

microfibrillar protein
(SY) elastic fiber microfibrillar protein
(HM) *CONTRACTILE PROTEINS
(II) ELASTIC TISSUE
(NO) component of elastic tissue

micro glutamic acid protein see glutamic acid-rich protein

Microgynon see stediril

microhelenin A see microhelenins

microhelenin B see microhelenins

microhelenin C see microhelenins

microhelenin D see microhelenins

microhelenin E see microhelenins

microhelenins
(RN) 61490-63-9
(SY) microhelenin A
(SY) microhelenin B
(SY) microhelenin C
(SY) microhelenin D
(SY) microhelenin E
(HM) *SESQUITERPENES
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(NO) from Helenium microcephalum; RN given refers to microhelenin A in Chemline; RN given refers to (3aR-(3aalpha,4aalpha,7alpha,7aalpha,8alpha,9aalpha))-isomer; RN for cpd without isomeric designation not in Chemline 8/84

microlenin
(RN) 60622-41-5
(HM) *SESQUITERPENES
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(NO) from Helenium microcephalum; RN given refers to (3'aR-(3'aalpha,4'abeta,5'alpha=
(3aS*,4S*,4aR*,7aR*,8R*,9aR*)=
,7'beta,7'aalpha,8'alpha,9'aalpha))-isomer; RN for cpd without isomeric designation not in Chemline 8/84; structure

micronomicin
(RN) 52093-21-7
(RR) 82643-25-2 (cpd with unknown MF)
(RR) 66803-19-8 (unspecified sulfate)
(SY) sagamicin
(SY) 6'-N-methylgentamicin C
(SY) XK-62-2
(SY) KW 1062
(SY) KW-1062
(SY) DE-020 eye drops
(SY) DE-020
(SY) DE 020
(SY) gentamicin C2b
(HM) AMINOGLYCOSIDES
(PA) ANTIBIOTICS
(II) OPHTHALMIC SOLUTIONS
(II) IRRITANTS
(II) BENZALKONIUM COMPOUNDS
(NO) DE 020 & DE 020 eyedrops both consist of KW 1062, benzalkonium chloride, sodium chloride, sodium hydroxide & distilled water pH 7.4; RN given refers to parent cpd; see also record for gentamicin C; structure

microperoxidase
(RN) EC 1.11.1.-
(HM) *PEROXIDASES
(NO) hemepeptide tracer; MW 1900

microsomal 7alpha-hydroxylase see steroid 7 alpha-hydroxylase

microsomal prolylcarboxypeptidase see carboxypeptidase P

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microvillin
(HM) *MICROFILAMENT PROTEINS
(II) MICROVILLI
(NO) 200kD nonglycosylated, nonphosphorylated protein which can be localized in microvilli

microvillus aminopeptidase see alanine aminopeptidase

Microvlar-30 see stediril

mictonorm
(RN) 60569-19-9
(RR) 54556-98-8 (HCl)
(SY) propiverin
(SY) P4
(SY) alpha-diphenyl alpha-n-propoxyacetic acid-4(1-methylpiperidyl)ester
(HM) *BENZILATES
(PA) ANTIPARKINSON AGENTS
(PA) PARASYMPATHOLYTICS
(NO) RN given refers to parent cpd; structure

mictral
(RN) 79449-95-9
(SY) nalidixic acid citrated
(SY) citrated nalidixic acid
(HM) NALIDIXIC ACID/*analogs
(PA) ANTI-INFECTIVE AGENTS, URINARY
(NO) citrated nalidixic acid

midafenone see nizofenone

midazolam
(RN) 59467-70-8
(RR) 65607-69-4 (maleate)
(RR) 59467-96-8 (mono-HCl)
(SY) RO 21-3981
(SY) midazolam maleate
(SY) dormicum
(HM) *BENZODIAZEPINES
(PA) ANESTHETICS
(PA) ANALGESICS
(PA) HYPNOTICS AND SEDATIVES
(II) PREANESTHETIC MEDICATION
(NO) RN given refers to parent cpd; structure for maleate salt given in USAN 1983

midazolam maleate see midazolam

middle-T antigen, polyoma virus see viral T proteins

middle molecule toxins, uremia see uremia middle molecule toxins

midecamycin
(RN) 35457-80-8
(SY) SF 837
(SY) midekamycin
(SY) mydecamycin
(SY) maidimeisu
(HM) *LEUCOMYCINS
(NO) minor descriptor (75-80); on-line search LEUCOMYCINS (75-80); Index Medicus search ANTIBIOTICS (75-80)

midekamycin see midecamycin

midrid see isometheptene

MIFA III see FAM

mifentidine see DA 4577

MIF receptor see macrophage migration inhibitory factor receptor

MIF-SF see migration inhibitory factor suppressor factor

migen
(HM) *ANTIGENS
(II) MITES/immunol
(II) VACCINES
(NO) tyrosine adsorbed Dermatophagoides pteronyssinus antigen

migral see migril

migraleve
(RN) 78168-90-8
(HM) *ACETAMINOPHEN
(HM) *CODEINE
(HM) *SUCCINATES
(HM) DRUG COMBINATIONS
(II) MIGRAINE/drug ther
(NO) contains buclizine, acetaminophen, codeine & dioctylsodiumsulphosuccinate

migration inhibitory factor suppressor factor
(SY) MIF-SF
(HM) MACROPHAGE MIGRATION INHIBITORY FACTORS/*antag
(NO) mediates regulation of lymphokine production

migravess
(RN) 75334-04-2
(HM) *METOCLOPRAMIDE
(HM) *ASPIRIN
(HM) DRUG COMBINATIONS
(PA) ANALGESICS
(NO) combination of above cpds used in treatment of migraine

migrenon see divascan

migril
(RN) 86498-65-9
(SY) migral
(HM) *ERGOTAMINE
(HM) *CYCLIZINE
(HM) *CAFFEINE
(HM) DRUG COMBINATIONS
(NO) combination of above cpds; RN from Chem Abstracts Index Guide; RN not in Chemline 6-84

migugen
(RN) 3463-21-6
(SY) 1-ethoxysilatrane
(HM) *SILICON
(HM) *BICYCLO COMPOUNDS

2-MIG see 2-(1-hydroxyethyl)-7-(2-hydroxy-3-isopropylaminopropoxy)benzofuran glucuronide

MII-CoA see 4-(4'-chlorobenzyloxy)benzoyl-coenzyme A

mikamycin B
(RN) 3131-03-1
(RR) 63681-75-4 (3H-labeled cpd)
(SY) vernamycin Balpha
(HM) *VIRGINIAMYCINS
(NO) RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 9/84

milacemide
(RN) 76990-56-2
(SY) CP 1552
(SY) CP-1552
(SY) 2-n-pentylaminoacetamide
(SY) CP 1552-S
(SY) CP-1552S
(HM) *ACETAMIDES
(PA) ANTICONVULSANTS
(NO) structure given in first source

milbemycin
(RN) 51570-36-6
(RR) 70411-34-6 (alpha8)
(RR) 56197-06-9 (alpha7)
(RR) 56265-07-7 (alpha6)
(RR) 56198-39-1 (beta3)
(RR) 56198-38-0 (beta2)
(RR) 51798-80-2 (alpha5)
(RR) 51596-16-8 (beta1)
(RR) 51596-15-7 (alpha10)
(RR) 51596-14-6 (alpha9)
(RR) 51596-13-5 (alpha4)
(RR) 51596-12-4 (alpha2)
(RR) 51596-11-3 (alpha3)
(RR) 51596-10-2 (alpha1)
(RR) 77855-81-3 (milbemycin D)
(SY) milbemycins
(SY) milbemycin alpha2
(SY) milbemycin alpha4
(SY) milbemycin D
(HM) *LACTONES
(PA) ANTIBIOTICS
(PA) INSECTICIDES
(NO) family of macrolide antibiotics with insecticidal & acaricidal activity; RN given refers to cpd with unknown MF; structure in first source

milbemycin alpha2 see milbemycin

milbemycin alpha4 see milbemycin

milbemycin D see milbemycin

milbemycins see milbemycin

milbex
(RN) 8072-20-6
(HM) *BENZHYDRYL COMPOUNDS
(HM) *AZO COMPOUNDS
(PA) INSECTICIDES, ORGANOCHLORINE
(NO) consists of 4-chlorophenyl-2,4,5-trichlorophenylazosulfide & 1,1-bis(4-chlorophenyl)ethanol; structures

mildex see dinocap

mildiomycin
(RN) 67527-71-3
(HM) CYTOSINE/analogs
(PA) ANTIBIOTICS, ANTIFUNGAL
(NO) antibiotic nucleoside produced by Streptoverticillium rimofaciens effective against powdery mildew; 5-hydroxymethyl cytosine found on acid hydrolysis; RN given refers to (S)-isomer; RN for cpd without isomeric designation not in Chemline 8/84

milenperone
(RN) 59831-64-0
(SY) 5-chloro-1-(3-(4-(4-fluorobenzoyl)-1-piperidinyl)propyl)-1,3-dihydro-2H-benzimidazol-2-one
(HM) *BENZIMIDAZOLES
(PA) TRANQUILIZING AGENTS, MAJOR
(NO) structure in first source

milk-clotting enzyme see rennin-like enzyme (Aspergillus ochraceus)

milk-clotting protease see rennin-like enzyme (Aspergillus ochraceus)

milk-fat-globule membrane glycoprotein see epithelial membrane glycoprotein

millerite see nickel sulfide

milliamin see milliamine

milliamine
(RN) 34391-10-1
(SY) milliamin
(SY) milliamine A
(HM) *DITERPENES
(NO) ingenol ester from root of Euphorbia milli

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milliamine A see milliamine

milliamine H
(RN) 91197-53-4
(HM) *PHORBOL ESTERS
(II) IRRITANTS
(NO) isolated from Euphorbia milii; structure given in first source

milliamine I
(RN) 91197-54-5
(HM) *PHORBOL ESTERS
(II) IRRITANTS
(NO) isolated fromm Euphorbia milii; structure given in first source

millisorin B
(RN) 72229-34-6
(HM) *SESQUITERPENES
(II) HELIANTHUS
(NO) RN given from CA Index Guide; RN not in Chemline 12/84; structure given in first source

millophylline see etamiphyllin

Milne antigen
(HM) *BLOOD GROUPS
(NO) low-incidence red cell antigen

miloxacin
(RN) 37065-29-5
(SY) AB206
(SY) AB 206
(HM) OXOLINIC ACID/*analogs
(PA) ANTI-INFECTIVE AGENTS
(NO) structure in second source

milrinone see Win 47203

milupa
(HM) *AMINO ACIDS
(HM) *VITAMINS
(HM) *MINERALS
(HM) DRUG COMBINATIONS
(NO) combination of above cpds without phenylalanine used in treatment of PKU

2-I-MIL see N(1)-methyl-2-iodo-lysergic acid diethylamide

MIMAC see mitomycin C-immunoglobulin M antibody conjugate

mimexina see methoxyphenamine

mimimycin see marcellomycin

mimosamycin
(RN) 59493-94-6
(HM) ISOQUINOLINES
(PA) ANTIBIOTICS
(PA) ANTIBIOTICS, ANTITUBERCULAR
(NO) isolated from culture filtrate of Streptomyces lavendulae; structure

minactivin
(HM) PLASMINOGEN ACTIVATORS/*antag
(II) MONOCYTES
(NO) secreted by monocytes; MW 66,000; inactivates the human urokinase-type plasminogen activators having MW 52,000 & 36,000; no other info available 12/83; see also record for plasminogen activator inhibitor from aortic tissue

minaprine
(RN) 25905-77-5
(RR) 25953-17-7 (di-HCl)
(SY) Agr 1240
(SY) 3-(morpholinoethyl)amino-4-methyl-6-phenylpyridazine
(HM) *PYRIDAZINES
(PA) ANTIDEPRESSIVE AGENTS
(PA) ANALEPTICS
(PA) ANTIPARKINSON AGENTS
(NO) searcher's request 11/73; RN & NM from USAN; Agr 1240 refers to di-HCl; structure

minaxolone
(RN) 62571-87-3
(RR) 65079-75-6 (citrate(2beta,3alpha,5alpha,11alpha)-isomer)
(SY) 11 alpha-N,N-dimethylamino-2 beta-ethoxy-3 alpha-hydroxy-5 alpha-pregnan-20-one
(SY) 2 beta-ethoxy-3 alpha-hydroxy-11 alpha-dimethylamino-5 alpha-pregnan-20-one
(HM) *PREGNANOLONE/analogs
(PA) ANESTHETICS
(NO) RN given refers to parent cpd(2beta,3alpha,5alpha,11alpha)-isomer; RN for cpd without isomeric designation not in Chemline 8/84

minax toxin
(SY) minax toxin 1
(HM) *SCORPION VENOMS
(II) NEUROTOXINS
(NO) MW 7000 basic polypeptide with 66 amino acids from scorpion Buthus minax

minax toxin 1 see minax toxin

minax toxin 2
(HM) *SCORPION VENOMS
(II) NEUROTOXINS
(NO) MW 6800 basic polypeptide with 62 amino acids from scorpion Buthus minax

mineralocorticoid receptor
(SY) mineralocorticoid receptors
(SY) receptor, mineralocorticoid
(HM) *RECEPTORS, STEROID
(II) MINERALOCORTICOIDS

mineralocorticoid receptors see mineralocorticoid receptor

mineral wool see calcium silicate

minigastrin
(SY) gastrin tetradecapeptide
(SY) SHG14NS
(SY) gastrin-14
(SY) gastrin 14
(HM) *GASTRINS
(II) NEOPLASM PROTEINS
(NO) from Zollinger Ellison tumor tissue

minigastrin, des-Trp(1)-Nle(12)-
(SY) des-tryptophyl(1)-norleucyl(12)-minigastrin
(SY) des-Trp(1)-Nle(12)-minigastrin
(HM) *GASTRINS
(NO) amino acid sequence given in first source

minimycin
(RN) 32388-21-9
(SY) 5 beta-d-ribofuranosyl-1,3-oxazin-2,4-dione
(SY) oxazinomycin
(HM) URIDINE/analogs
(PA) ANTIBIOTICS
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) structure

miniplasmin
(SY) neoplasmin-Val-442
(SY) neo-plasmin-Val(442)
(SY) Val(442)-plasmin
(SY) plasmin, Val(442)
(HM) *FIBRINOLYSIN
(HM) *PEPTIDE FRAGMENTS
(NO) consists of the COOH-terminal 119-residue fragment of plasmin heavy chain (residues 442-560) connected by 2 disulfide bridges (Cys-557 to Cys-565 & Cys-547 to Cys-665) to the light chain of normal plasmin (residues 561-790)

miniplasminogen
(SY) mini-plasminogen
(HM) *PLASMINOGEN
(HM) *PEPTIDE FRAGMENTS
(NO) MW 39,000; kringle 5 of plasmin A chain & intact plasmin B chain

mini-plasminogen see miniplasminogen

Ministat
(RN) 8064-76-4
(SY) fisioquens
(SY) CGP 2616
(SY) Yermonil (CIBA)
(SY) ovoresta M
(HM) *ETHINYL ESTRADIOL
(HM) *LYNESTRENOL
(HM) CONTRACEPTIVES, ORAL, COMBINED
(HM) CONTRACEPTIVES, ORAL, SEQUENTIAL
(NO) contains 1 mg lynestrenol & 0.04 mg ethinyl estradiol; administered as 7 days 1 tablet 0.05mg ethinylestradiol followed by 15 days 1 tablet 0.05mg ethinylestradiol & 1 mg lynestrenol combined

minocromil
(RN) 85118-44-1
(SY) 6-(methylamino)-4-oxo-10-propyl-4H-pyrano(3,2-g) quinoline-2,8-dicarboxylic acid
(HM) *QUINOLINES
(NO) prevents exercise-induced asthma; RN from USAN; RN not in Chemline 10/85; structure given in USAN

minophylline see acefyllin piperazinate

minosaminomycin
(RN) 51746-09-9
(HM) INOSITOL/analogs
(PA) ANTIBIOTICS
(NO) antibiotic containing myo-inosamine; RN given refers to unspecified stereoisomer; RN for cpd without isomeric designation not in Chemline 8/84; structure

minoxidil sulfate see minoxidil sulfate ester

minoxidil sulfate ester
(RN) 83701-22-8
(SY) minoxidil sulfate
(HM) MINOXIDIL/*analogs
(NO) metabolite of minoxidil; structure given in first source

miocamycin see 9,3''-diacetylmidecamycin

mioflazine
(RN) 79467-23-5
(SY) R 51469
(SY) R-51469
(SY) R 51 469
(HM) *PIPERAZINES
(PA) CARDIOVASCULAR AGENTS

miokamycin see 9,3''-diacetylmidecamycin

mipafox
(RN) 371-86-8
(SY) N,N'-diisopropylphosphorodiamidic fluoride
(HM) ISOFLUROPHATE/*analogs
(NO) structure

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MIP (lens membrane) see main intrinisc protein (lens membrane)

MIP19 see lens intrinsic protein MP 19

MIP-21 see lens intrinsic protein MIP 21

MIP21 see lens intrinsic protein MIP 21

MIP26 see main intrinisc protein (lens membrane)

miraa
(SY) catha edulis
(SY) mairungi
(SY) khat
(SY) catha
(HM) *PLANT EXTRACTS
(PA) ANALEPTICS
(NO) causes psychosis in miraa chewers; contains cathine ((+)-norpseudoepedrine), cathionine, cathedulin, cathinine & cathidine

miraculin
(HM) *GLYCOPROTEINS
(II) SWEETENING AGENTS
(NO) taste affecting glycoprotein isolated from miracle fruit, Synsepalum dulcificum, which provokes sweetness & blocks sourness

miradapt
(RN) 83711-64-2
(HM) *COMPOSITE RESINS
(NO) barium glass-filled composite

Miretilan see BQ 22-708

mirincamycin see U 24729A

miroistonil see dimethacrine

miroprofen
(RN) 55843-86-2
(SY) 2-(4-(2-imidazo(1,2-a)pyridyl)phenyl)propionic acid
(SY) 55843-86-2
(SY) Y-9213
(HM) *PHENYLPROPIONATES
(PA) ANTI-INFLAMMATORY AGENTS
(PA) ANALGESICS, ANTI-INFLAMMATORY

miserotoxin
(RN) 24502-76-9
(HM) *GLUCOSIDES
(II) TOXINS
(NO) toxin from Emory milkvetch; measured by nitro moiety

miso-amine see 2-aminomisonidazole

misonidazole-beta-glucuronide see misonidazole glucuronide

misonidazole glucuronide
(RN) 86589-32-4
(SY) misonidazole-beta-glucuronide
(HM) MISONIDAZOLE/*analogs
(NO) misonidazole metabolite in rat liver

misonidazole-glutathione conjugate
(RN) 86356-71-0
(RR) 86356-72-1 (5-glutathione cpd)
(SY) GS-MIS
(SY) 1-(2-amino-(4-glutathion-S-yl)-1-imidazolyl)-3-methoxypropanol
(SY) 1-(2-amino-(5-glutathion-S-yl)-1-imidazolyl)-3-methoxypropanol
(HM) MISONIDAZOLE/*analogs
(HM) GLUTATHIONE/*analogs
(NO) raction product of misonidazole & glutathione after reduction of the former to the hydroxylamine derivative; consists of mixture of 4- and 5-glutathione isomers; RN given refers to 4-glutathione cpd

misonidazole-guanosine product
(RN) 13351-91-2
(HM) GUANOSINE/*analogs
(NO) structure given in first source

misoprostol see SC-29333

mistletoe lectin I see viscotoxin

mitaban see amitraz

mite fortified house dust see allergen Dpt 12

mitochondrial hinge protein see hinge protein

mitochondrial messenger RNA
(SY) mRNA, mitochondrial
(SY) messenger RNA, mitochondrial
(HM) *RNA, MESSENGER
(II) MITOCHONDRIA

mitochondrial monocarboxylate translocator see alpha-cyanocinnamate

mitochondrial outer membrane protein, yeast see yeast mitochondrial outer membrane protein

mitochondrial pore protein
(SY) Neurospora mitochondria outer membrane protein
(HM) *MEMBRANE PROTEINS
(II) MITOCHONDRIA
(II) NEUROSPORA
(NO) 31kDa outer membrane pore protein

mitochondrial RNA see RNA, mitochondrial

mitochondrial uncoupling protein
(SY) uncoupling protein, mitochondrial membrane
(HM) *MEMBRANE PROTEINS
(II) UNCOUPLING AGENTS
(II) MITOCHONDRIA
(NO) 32,000 dalton uncoupling protein in mitochondrial membrane of rat brown fat

mitoclomine
(RN) 17692-54-5
(SY) WBA-7007
(SY) NSC-114575
(HM) *NITROGEN MUSTARD COMPOUNDS
(NO) structure

mitogenic factor receptor
(SY) mitogenic factor receptors
(SY) receptor, mitogenic factor
(SY) TCGF receptor
(SY) TCGF receptors
(SY) receptor, TCGF
(SY) interleukin 2 receptor
(SY) receptor, interleukin 2
(SY) IL 2 receptor
(SY) T-cell growth factor receptor
(SY) receptor, T-cell growth factor
(HM) *RECEPTORS, IMMUNOLOGIC
(II) MITOGENIC FACTORS, LYMPHOCYTE
(II) RECEPTORS, ANTIGEN, T-CELL

mitogenic factor receptors see mitogenic factor receptor

mitogillin
(RN) 1403-99-2
(SY) NSC-59529
(HM) *PEPTIDES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) polypeptide antitumor agent produced by a special strain of Aspergillus restrictus

mitomycin A
(RN) 4055-39-4
(RR) 4055-40-7
((1aS-(1aalpha,8alpha,8aalpha,8balpha))-isomer)
(SY) mitomycin B
(HM) *MITOMYCINS
(NO) RN given refers to (1aS-(1aalpha,8beta,8aalpha,8balpha))-isomer; structure given in first source

mitomycin C-anti-alpha-fetoprotein antibody conjugate
(SY) MMC-AFP-antibody
(HM) *MITOMYCINS
(HM) *ANTIBODIES
(II) ALPHA FETOPROTEINS
(NO) enhanced antitumor activity

mitomycin B see mitomycin A

mitomycin C
(RN) 50-07-7
(RR) 7481-68-7 (former CAS registry number)
(RR) 69515-74-8
(ion(1-)(1aS-(1aalpha,8beta,8aalpha,8balpha))-isomer)
(HM) *MITOMYCINS
(NO) plasmid curing agent; RN given refers to parent cpd(1aS-(1aalpha,3beta,8aalpha,8balpha))-isomer; RN for cpd without isomeric designation not in Chemline 8/84; structure in Merck Index, 9th ed, #6060

mitomycin C-dextran
(SY) MMCD
(HM) *MITOMYCINS
(II) DELAYED-ACTION PREPARATIONS
(II) DEXTRANS
(NO) polymeric prodrug of mitomycin C-dextran conjugate; structure given in first source

mitomycin C-immunoglobulin M antibody conjugate
(SY) MIMAC
(HM) *MITOMYCINS
(HM) *MONOCLONAL ANTIBODIES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(II) IGG
(NO) antibody drug conjugate used as antitumor agent with improved tumor specificity

mitopodozide
(RN) 1904-80-9
(RR) 1508-45-8
((5R-(5alpha,6alpha,7beta,8alpha))-isomer)
(SY) podophyllin acid-2-ethylhydrazide
(SY) proresid
(SY) SP-1
(SY) SP-1
(SY) NSC-72274
(SY) SPI-77
(HM) PODOPHYLLIN/*analogs
(PA) ANTINEOPLASTIC AGENTS
(NO) RN given refers to cpd without isomeric designation

mitosene
(RN) 3567-35-9
(HM) *MITOMYCINS
(NO) structure given in first source

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mitoxantrone
(RN) 65271-80-9
(RR) 70476-82-3 (di-HCl)
(RR) 70711-41-0 (diacetate)
(SY) NSC 301739D
(SY) NSC 301739
(SY) CL 232315
(SY) DHAQ
(SY) NSC 279836
(SY) dihydroxyanthracenedione
(SY) 1,4-dihydroxy-5,8-bis((2-((2-hydroxyethyl)amino) ethyl)amino)-9,10-anthracenedione
(SY) 1,4-dihydroxy-5,8-bis(((2-hydroxyethyl)amino) ethyl)amino-9,10-anthracenedione
(SY) dihydroxyanthraquinone
(SY) NSC 287836
(SY) NSC 299195
(SY) NSC-287836
(SY) novantrone
(SY) mitozantrone
(HM) *ANTHRAQUINONES
(PA) ANTINEOPLASTIC AGENTS
(II) INTERCALATING AGENTS
(NO) RN given refers to parent cpd; CL 232315 refers to di-HCl

mitozantrone see mitoxantrone

mitozolomide see NSC 353451

Mitrathane
(HM) *POLYURETHANES
(II) POLYMERS
(II) BIOCOMPATIBLE MATERIALS
(NO) structure given in first source

Mitrolan see calcium polycarbophil

mixed function amine oxidase see amine oxidase, mixed function

mixidine
(RN) 27737-38-8
(RR) 67958-12-7 (mono-(4-methylbenzenesulfonate))
(RR) 67958-11-6 (benzenesulfonate[1:1])
(RR) 67958-10-5 (mono-HCl)
(RR) 67958-13-8 (fumarate)
(SY) mixidine fumarate
(HM) *PYRROLIDINES
(PA) CARDIOVASCULAR AGENTS
(II) SURFACE-ACTIVE AGENTS
(NO) RN given refers to parent cpd; structure

mixidine fumarate see mixidine

D-D mixture see Fumigant 93

mizoribine see bredinin

anti-Mi-2 see Mi-2 antibodies

MI 49001 see ketazolam

MJ 10459-2
(RN) 40659-00-5
(HM) *IMIDAZOLES
(PA) ANTIHYPERTENSIVE AGENTS
(NO) RN given refers to mono-HBr; RN for parent cpd not in Chemline 8/84; structure

MJ 12880-1 see tipropidil

MJ 13105 see bucindolol

MJ-13805 see MJ 13805

MJ 13805
(RN) 83928-76-1
(RR) 83928-66-9 (mono-HCl)
(SY) 4,4-dimethyl-1-(4-(4-(2-pyrimidinyl)-1-piperazinyl)butyl)-2,6-piperidinedione
(SY) MJ-13805
(SY) BMY 13805
(SY) BMY-13805
(HM) *PYRIMIDINES
(PA) TRANQUILIZING AGENTS, MINOR
(NO) RN given refers to parent cpd; structure given in first source

MJ 13859
(RN) 87691-92-7
(SY) MJ-13859-1
(SY) 8-(4-(4-(1,2-benzisothiazol-3-yl)-1-piperazinyl) butyl)-8-azaspiro(4.5)decane-7,9-dione HCl
(HM) *SPIRO COMPOUNDS
(PA) PSYCHOTROPIC DRUGS
(NO) structure given in first source

MJ-13859-1 see MJ 13859

MJ-14030 see MJ 14030

MJ 14030
(RN) 82522-70-1
(RR) 81329-71-7 ((+-)-isomer)
(SY) MJ14030
(SY) 3-methoxy-4-hydroxyencainide
(SY) encainide, 3-methoxy-4-hydroxy-
(SY) MJ-14030
(SY) 3-methoxy-O-demethyleincainide
(HM) *ANILIDES
(PA) ANTI-ARRHYTHMIA AGENTS
(NO) encainide metabolite with longer half-life; identified in plasma of patient receiving encainide orally; RN given refers to cpd without isomeric designation

MJ14030 see MJ 14030

MJ-1988 see quazodine

MJ 9022 see buspirone

MJ 9067 see encainide

MJ-9184-1 see zinterol

MJ-9444 see MJ 9444

MJ 9444
(RN) 37612-09-2
(RR) 81329-70-6 ((+-)-isomer)
(SY) MJ9444
(SY) O-demethylencainide
(SY) encainide, O-demethyl-
(SY) MJ-9444
(HM) *ANILIDES
(PA) ANTI-ARRHYTHMIA AGENTS
(NO) encainide metabolite with longer half-life; identified in plasma of patient receiving encainide orally; RN given refers to cpd without isomeric designation

MJ9444 see MJ 9444

MK-6 adhesive see MK 6 cyanoacrylate

MK 6 cyanoacrylate
(RN) 63194-30-9
(SY) cyanoacrylate glue MK 6
(SY) MK-6 adhesive
(HM) *CYANOACRYLATES
(II) TISSUE ADHESIVES

MK-521-4-hydroxybenzamidine see compound 351 A

MK 0436 see MK-436

MK-0436 see MK-436

MK 0641
(SY) MK-0641
(SY) pediazole
(HM) *ERYTHROMYCIN
(HM) *SULFISOXAZOLE
(HM) DRUG COMBINATIONS
(PA) ANTI-INFECTIVE AGENTS
(NO) combination of above cpds

MK-0641 see MK 0641

MK 0642
(SY) MK-0642
(HM) ALANINE/*analogs
(HM) *ISOXAZOLES
(PA) ANTI-INFECTIVE AGENTS
(NO) combination of fludalanine & pentizidone

MK-0642 see MK 0642

MK0787 see N-formimidoylthienamycin

MK 0791 see MK 791

MK0791 see MK 791

MK 142 see MK-142

MK-142
(RN) 42794-63-8
(SY) N,N'-bis(3-(4-methoxyphenoxy)-2-hydroxypropyl) ethylenediamine
(SY) MK 142
(HM) *PROPANOLAMINES
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS
(NO) RN given refers to methanesulfonate salt; parent cpd not in Chemline 7/7/83; structure

MK 196 see indanone

MK-2 see cyacrin

MK 208 see famotidine

MK-208 see famotidine

MK 212 see MK-212

MK-212
(RN) 64022-27-1
(RR) 61655-58-1 (mono-HCl)
(RR) 67250-10-6 (unspecified HCl)
(SY) 6-chloro-2-(1-piperazinyl)pyrazine
(SY) MK 212
(HM) *PYRAZINES
(NO) has serotonin-like action in central nervous system; RN given refers to parent cpd; structure

MK-251 see MK 251

MK 251
(RN) 40396-83-6
(SY) alpha,alpha-dimethyl-4-(alpha,alpha,beta,beta-tetrafluorophenethyl)benzylamine isethionate
(SY) MK-251
(HM) *BENZYLAMINES
(PA) ANTI-ARRHYTHMIA AGENTS
(NO) RN & NM refer to isethionate; structure

MK 302 see arprinocid

MK-302 see arprinocid

MK 316 see MK-316

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MK-316
(RN) 57129-44-9
(RR) 31266-85-0 ((1S-(1alpha,2alpha,6alpha,7alpha,8alpha,9beta,10alpha,13alpha,14beta,17alpha))-isomer)
(SY) 2',3 alpha'-tetrahydrofuran-2'-spiro-17-(6 alpha,7 alpha-difluoromethylene-1 alpha,2 alpha-methylene)-4-androsten-3-one
(SY) 6 alpha,7 alpha-difluoromethylene-4',5'-dihydro-1 alpha,2 alpha-methylene-(17R)spiro(androst-4-ene-17,2'(3'H)-furan)-3-one
(SY) MK 316
(HM) *ANDROSTENES
(PA) ANDROGEN ANTAGONISTS
(NO) RN given refers to cpd without isomeric designation; structure

MK 401 see L-631,529

MK422 see MK 422

MK 422
(RN) 76420-72-9
(SY) MK-422
(SY) MK422
(SY) N-(1-carboxy-3-phenylpropyl)-alanylproline
(SY) N-(1-carboxy-3-phenylpropyl)-L-alanine-L-proline
(SY) 1-CPPAP
(SY) N-(1-carboxy-3-phenylpropyl)-Ala-Pro
(SY) L-Proline, 1-(N-(1-carboxy-3-phenylpropyl)-L-alanyl)-, (S)
(SY) enalaprilat
(HM) ENALAPRIL/*analogs
(PA) KININASE II/antag
(PA) ENZYME INHIBITORS
(PA) ANTIHYPERTENSIVE AGENTS
(NO) potent, long-lasting orally active inhibitor of angiotensin converting enzyme; active form of MK 421; RN given refers to (L-Pro)-(S)-isomer; structure in first source

MK-422 see MK 422

MK-436
(RN) 33450-08-7
(SY) 3a,4,5,6,7,7a-hexahydro-3-(1-methyl-5-nitro-1H-imidazol-2-yl)-1,2-benzisoxazole
(SY) MK-0436
(SY) MK 0436
(HM) *NITROIMIDAZOLES
(PA) ANTIPROTOZOAL AGENTS
(NO) structure

MK 447 see MK-447

MK-447
(RN) 58456-91-0
(RR) 38946-46-2 (HCl)
(SY) 2-aminomethyl-4-t-butyl-6-iodophenol
(SY) MK 447
(SY) 2-aminomethyl-4-butyl-6-iodophenyl
(HM) BUTYLATED HYDROXYTOLUENE/*analogs
(PA) ANTI-INFLAMMATORY AGENTS
(PA) DIURETICS
(NO) has gastric antisecretory activity; RN given refers to parent cpd; structure

MK-473
(RN) 54197-05-6
(RR) 54197-31-8 ((+)-isomer)
(RR) 53108-01-3 ((-)-isomer)
(RR) 87018-42-6 (Na salt(+)-isomer)
(RR) 87018-43-7 (Na salt(-)-isomer)
(RR) 87018-44-8 (Na salt)
(RR) 53108-00-2 ((+-)-isomer)
(SY) (2-cyclopentyl-6,7-dichloro-2-methyl-1-oxo-5-indanyloxy)acetic acid
(HM) *GLYCOLATES
(PA) URICOSURIC AGENTS
(PA) DIURETICS
(NO) RN given refers to parent cpd without isomeric designation

MK-521 see MK 521

MK 521
(RN) 76547-98-3
(RR) 76547-98-3 ((S)-isomer)
(SY) 1-carboxy-3-phenylpropyl-L-lysyl-L-proline
(SY) 1-carboxy-3-phenyl-Pro-Lys-Pro
(SY) lysine MK 421
(SY) MK-521
(SY) lisinopril
(HM) ENALAPRIL/*analogs
(PA) KININASE II/antag
(NO) RN given refers to cpd without isomeric designation

MK-6 see menaquinone 6

MK-685 see 5-dimethylamiloride

MK 685 see 5-dimethylamiloride

MK-7 see cyacrin

MK 7 see cyacrin

MK 761 see MK-761

MK-761
(RN) 65321-41-7
(RR) 60559-92-4 (mono-HCl)
(RR) 71677-56-0 (mono-HCl(R)-isomer)
(RR) 71677-55-9 ((R)-isomer)
(RR) 60559-92-4 (mono-HCl(S)-isomer)
(SY) 2-(3-tert-butylamino-2-hydroxypropoxy)-3-cyanopyridine
(SY) (S)-2-(3-tert-butylamino-2-hydroxypropoxy)-3-cyanopyridine
(SY) MK 761
(SY) 60559-92-4
(HM) *PYRIDINES
(PA) VASODILATOR AGENTS
(PA) ANTIHYPERTENSIVE AGENTS
(NO) RN given refers to parent cpd(S)-isomer; RN for cpd without isomeric designation not in Chemline 8/84; MK-761 refers to mono-HCl; structure in sixth source

MK 771 see MK-771

MK-771
(RN) 64784-01-6
(RR) 66537-55-1 ((2S-(2R*(R*(R*))))-isomer)
(RR) 57863-90-8 ((2S-(2R*(1R*(S*))))-isomer)
(SY) pyro-2-aminoadipylhistidylthiazolidine-4-carboxyamide
(SY) MK 771
(SY) pyro-Aad-His-Tzl-NH2
(SY) pyro(l-alpha-aminoadipyl)-L-histidyl-L-thiazolidine-4-carboxamide
(HM) THYROTROPIN RELEASING HORMONE/*analogs
(PA) ANTIDEPRESSIVE AGENTS
(NO) RN given refers to cpd without isomeric designation

MK-789 see MK 789

MK 789
(RN) 85394-14-5
(SY) 3-pentyl-2-(dimethylcyclopropylcarboxoxamido) propenoate
(SY) MK-789
(HM) *CYCLOPROPANES
(PA) DIPEPTIDASES/antag
(NO) inhibitor of dehydropeptidase-I

MK 791
(RN) 81129-83-1
(RR) 78834-76-1 (mono-Na salt)
(RR) 81129-83-1 (mono-Na salt(R-(R*,S*-(Z)))-isomer)
(SY) MK-791
(SY) S-(6-carboxy-6-(((2,2-dimethylcyclopropyl) carbonyl)amino)-5-hexenyl)cysteine
(SY) MK0791
(SY) MK 0791
(SY) cilastatin
(HM) *CYCLOPROPANES
(PA) DIPEPTIDASES/antag
(NO) inhibitor of dehydropeptidase-I; RN given refers to parent cpd

MK-791 see MK 791

MK-8 see cyacrin

MK 801
(RN) 77086-21-6
(RR) 70449-95-5 (oxalate[1:1])
(RR) 80244-68-4 (unspecified oxalate(+)-isomer)
(RR) 77086-22-7 (maleate[1:1](+)-isomer)
(RR) 77086-18-1 ((+-)-isomer)
(SY) MK-801
(SY) 5-methyl-10,11-dihydro-5H-dibenzo(a,d) cyclohepten-5,10-imine
(HM) *DIBENZOCYCLOHEPTENES
(PA) ANTICONVULSANTS
(NO) RN given refers to parent cpd(+)-isomer; RN for cpd without isomeric designation not in Chemline 8/84

MK-801 see MK 801

MK-9 see cyacrin

MK-933 see avermectin B(1)a

MK 933 see avermectin B(1)a

ML-enkephalinase see enkephalin degrading enzyme

MLI see mycobacterial lipase inhibitors

MLPILASAHP see methionyl-leucyl-phenylalanyl-isoleucyl-lysyl-arginyl-seryl-arginyl-histidyl-phenylalanine

MLU-A-CHO see 4-methylumbelliferyl-N-acetyl-chitotrioside

ML 1024 see etofyllinclofibrate

ML-236A
(RN) 58889-19-3
(SY) ML 236A
(HM) *NAPHTHOLS
(PA) ANTICHOLESTEREMIC AGENTS
(NO) inhibitor of hydroxymethylglutaryl CoA reductase; structure

ML 236A see ML-236A

ML 236B see compactin

MM antigen
(SY) MM46
(SY) MM48
(SY) LY 6.2 alloantigen
(SY) alloantigen, LY 6.2
(SY) Lilly 6.2 alloantigen
(SY) antigen, MM
(HM) *ANTIGENS, NEOPLASM
(HM) *ISOANTIGENS
(NO) alloantigen from mammary tumors

MMC-AFP-antibody see mitomycin C-anti-alpha-fetoprotein antibody conjugate

MMCD see mitomycin C-dextran

MMC-G-OSU see 1 alpha-(4-(N-succinimidoxycarbonyl)butyryl)mitomycin C

2-MMGETPA see
2-mercaptomethyl-3-guanidinoethylthiopropionic acid

MMHP see mono-5-methylhexylphthalate

MMIF receptors see macrophage migration inhibitory factor receptor

2-MMMMI see
2-mercapto-1-methyl-5-methylmercaptoimidazole

MMM protocol
(HM) MITOMYCINS
(HM) MELPHALAN
(HM) METHOTREXATE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above 3 cpds

MMODA see 17-methyl-9,10-methyleneoctadecanoic acid

MMPCO see
2-methyl-2-(4-methylpent-3-enyl)-2H-chromen-6-ol

6-MMPC see 6-(methyoxymethylene)penicillanic acid

MM-PEG-arginase see monomethoxypolyethylene glycol-arginase

2-MMPIP see
2-(2-methoxy-4-(methylsulfinyl)phenyl)-1H-imidazo(4,5-c)pyridine

MMPP see magnesium monoperoxyphthalate

MMPS see mangion-purified polysaccharide (Candida albicans)

MMPSS see 4-(methylmercapto)phenyl succinimidyl succinate

N-MMS see N-maleoylmethionine sulfone

MMSAE see 6-methyl-8
alpha-N-methylsulfamoylaminoergoline

MMTA.HCl see methyl(methylthio)acetimidate

3-MMTOB see
3-(mercaptomethyl)-3,4,5,6-tetrahydro-2-oxo-1H-1-benzazocine-1-acetic acid

MMTQAP see
4-methyl-1-(N(2)-(3-methyl-1,2,3,4-tetrahydro-8-quinolinesulfonyl)-L-arginyl)-2-piperidinecarboxylic acid

MMTS see methyl methanethiosulfonate

MMUCPP see 2',3'-O-(methoxymethylene)uridine 5'-(4-chlorophenyl) phosphate

MMUdR see 5-methoxymethyl-2'-deoxyuridine

MMUdR-MP see
5-methoxymethyl-2'-deoxyuridine-5'-monophosphate

MM 13902 see olivanic acids

MM 14151 see clavulanic acid

MM 14201
(SY) MM-14201
(HM) QUINONES
(PA) ANTIBIOTICS
(NO) from Streptomyces sp. NCIB 11813; structure given in first source

MM-14201 see MM 14201

MM 17880 see olivanic acids

MM 22380 see olivanic acids

MM 22381 see olivanic acids

MM 22382 see olivanic acids

MM 22383 see olivanic acids

MM 27696 see olivanic acids

MM 4550 see olivanic acids

MM46 see MM antigen

MM48 see MM antigen

MnADP see manganese adenosine diphosphate

MNAED see 2-methyl-4-nitroaniline ethylene dimethylammonium

MnATP see manganese ATP

Mn ATPase see manganese ATPase

Mn-bleomycin see manganese bleomycin

MnCl2 see manganese chloride

MNCO see
N(delta)-(N-methyl-N-nitrosocarbamoyl)-L-ornithine

MNC-ornithine see
N(delta)-(N-methyl-N-nitrosocarbamoyl)-L-ornithine

MNCPDTC see manganese cyclopentadienyl tricarbonyl

mnemiopsin
(HM) *LUMINESCENT PROTEINS
(NO) photoprotein isolated from Mnemiopsis; induces bioluminescence in the presence of calcium

Mn-Fe(II) hybrid Hb see manganese-iron hybrid hemoglobin

MnGTP see manganese GTP

Mn(II).ADP see manganese adenosine diphosphate

Mn(III)-bleomycin see manganese bleomycin

Mn(III) meso-tetraphenylporphyrin chloride see manganese tetraphenylporphyrin

Mn(III)TPP see manganese tetraphenylporphyrin

MNNPPT see methyl-1-naphthyl-4-nitrophenyl phosphorothionate

MNOP see mono-n-octyl phthalate

MNPC see 3-nitrophenyl 3-piperidinecarboxylate

MNP-GlcNAc see
2-methoxy-4-(2'-nitrovinyl)phenyl-2-acetamido-2-deoxy-beta-glucopyranoside

MNPN see 3-(methylnitrosamino)propionitrile

Mn protoporphyrin see manganese protoporphyrin

3-MNQO see 3-methyl-4-nitroquinoline 1-oxide

MN 1695
(RN) 57381-26-7
(RR) 84504-69-8 (maleate)
(SY) MN-1695
(SY) 2,4-diamino-6-(2,5-dichlorophenyl)-s-triazine maleate
(HM) *TRIAZINES
(PA) ANTI-ULCER AGENTS
(NO) RN given refers to parent cpd; MN 1695 refers to maleate salt

MN-1695 see MN 1695

Mn3O4 see manganese oxide

moalium hydrate see magaldrate

MO beta DG see methyl
4,6-O-(1-carboxyethylidene)galactopyranoside

4-MOBHP see
4-methoxy-6-((1-butyl)heptyl)-2H-pyran-2-one

mobilat
(RN) 87209-80-1
(HM) *SALICYLIC ACIDS
(HM) *TISSUE EXTRACTS
(HM) DRUG COMBINATIONS
(PA) ANTI-INFLAMMATORY AGENTS, TOPICAL
(NO) ointment consisting of 20% adrenal extract, 0.2% mucopolysaccharide polysulfuric acid ester & 2% salicylic acid; see also record for dolo mobilat

mobilisin
(SY) mobilisin gel
(HM) *FLUFENAMIC ACID
(HM) *MUCOPOLYSACCHARIDES
(HM) *SALICYLIC ACIDS
(HM) DRUG COMBINATIONS
(NO) combination of flufenamic acid, mucopolysaccharide polysulfate, salicylic acid in gel; UD reference also contains benzyl nicotinate

mobilisin gel see mobilisin

Mocap see ethoprop

mocimycin
(RN) 50935-71-2
(SY) kirromycin
(SY) delvomycin
(HM) PYRIDONES
(PA) ANTIBIOTICS
(NO) induces GTPase activity of EF-TU; N-demethyl analog of antibiotic X-5108; structure

moclobamide see moclobemide

moclobemide
(RN) 71320-77-9
(SY) Ro 11-1163
(SY) Ro-11-1163
(SY) moclobamide
(HM) *BENZAMIDES
(PA) MONOAMINE OXIDASE INHIBITORS
(PA) ANTIDEPRESSIVE AGENTS

MOC-Lys-Gly-Arg-pNA see
N-methyloxycarbonyl-epsilon-lysyl-glycyl-arginine-4-nitroanilide

N(4) MO-dCMP see N(4)-methoxydeoxycytidine 5'-phosphate

N(4) MO-dCTP see N(4)-methoxydeoxycytidine triphosphate

modecate see fluphenazine depot

modeccin
(RN) 65988-88-7
(HM) *LECTINS
(II) TOXINS
(NO) from Modecca Digitata Harv, passifloracea growing in austral Africa; fruits & roots are very poisonous to man; also isolated from Adenia digitata

modeccin A-chain-ricin B-chain hybrid toxin
(SY) ricin B-modeccin A
(HM) RICIN/*analogs
(HM) *LECTINS
(II) TOXINS
(II) PROTEIN HYBRIDIZATION

MODG see methyl
4,6-O-(1-carboxyethylidene)galactopyranoside

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Modicon
(RN) 37270-71-6
(SY) Brevion
(SY) SH 7.1122
(SY) SH B 259 AB
(SY) Primidos
(SY) anovlar
(SY) Zoran
(SY) Loestrin
(SY) con-fer
(SY) binovum
(SY) Netasyn
(SY) ortho novum 7-7-7
(SY) tri-norinyl
(HM) *ETHINYL ESTRADIOL
(HM) *NORETHINDRONE
(HM) CONTRACEPTIVES, ORAL, COMBINED
(II) CONTRACEPTIVES, ORAL, SYNTHETIC
(NO) contains norethindrone & ethinyl estradiol

modification methylase (adenine-specific) see site-specific methyltransferase (adenine specific)

moditen depot see fluphenazine depot

moditen-depot see fluphenazine depot

moditen enanthate
(RN) 2746-81-8
(SY) fluphenazine enanthate
(HM) FLUPHENAZINE/*analogs

modopar see madopar

moducren
(RN) 73788-01-9
(SY) moducrin
(HM) *AMILORIDE
(HM) *HYDROCHLOROTHIAZIDE
(HM) *TIMOLOL
(HM) DRUG COMBINATIONS
(NO) combination of amiloride, hydrochlorothiazide & timolol maleate

moducrin see moducren

modulator protein see protein phosphatase inhibitor-2

Moduretic
(RN) 57017-78-4
(HM) *AMILORIDE
(HM) *HYDROCHLOROTHIAZIDE
(HM) DRUG COMBINATIONS

MOEDP IX see 2,4-di-(alpha-methoxyethyl)deuteroporphyrin IX

MOF
(HM) SEMUSTINE
(HM) FLUOROURACIL
(HM) VINCRISTINE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of methyl-CCNU, 5-fluorouracil & vincristine

mofebutazone see monophenylbutazone

MOF-Strep
(HM) SEMUSTINE
(HM) VINCRISTINE
(HM) FLUOROURACIL
(HM) STREPTOZOTOCIN
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

Mol glycoprotein see granulocyte adherence factor

mogrol-3-O-(beta-D-glucopyranosyl (1-6)-beta-D-glucopyranoside)-24-O-((beta-D-glucopyranosyl (1-2))-(beta-D-glucopyranosyl(1-6))-beta-D-glucopyranoside) see mogroside V

mogroside IV
(RN) 89590-95-4
(HM) *TRITERPENES
(II) SWEETENING AGENTS
(NO) sweet triterpene glycoside from fruit of Momordica grosvenori Swingle; RN given from Toxline; RN not in Chemline 7/84

mogroside V
(RN) 88901-36-4
(SY) mogrol-3-O-(beta-D-glucopyranosyl (1-6)-beta-D-glucopyranoside)-24-O-((beta-D-glucopyranosyl (1-2))-(beta-D-glucopyranosyl(1-6))-beta-D-glucopyranoside)
(HM) *TRITERPENES
(II) SWEETENING AGENTS
(NO) sweet triterpene glycoside from fruit of Momordica grosvenori Swingle; RN given refers to (3beta,9beta,10alpha,11alpha,24R-all D)-isomer; RN for cpd without isomeric designation not in Chemline 7/84

mogroside VI
(RN) 89590-98-7
(HM) *TRITERPENES
(II) SWEETENING AGENTS
(NO) sweet triterpene glycoside from fruit of Momordica grosvenori Swingle; RN given from Toxline; RN not in Chemline 7/84

MOHDOP see methyl 11-hydroxy-3,20-dioxo-1,4-pregnadien-21-oate

MOHP-cellulose see methoxyhydroxypropylcellulose

molinate
(RN) 2212-67-1
(SY) Jalan
(SY) ordram
(SY) ialan
(SY) S-ethyl 1-hexamethylenaminothiocarbamate
(SY) hexahydro-1H-azepine-1-carbothioic acid S-ethyl ester
(HM) *AZEPINES
(PA) HERBICIDES, CARBAMATE
(NO) Russian drug; structure

mollislactone
(RN) 88515-59-7
(HM) *SESQUITERPENES
(II) PLANTS, MEDICINAL
(NO) sesquiterpene lactone from Aristolochia mollissima Hance; structure given in first source

Mollomed
(HM) *SILICONES
(NO) heat polymerizing silicone material for maxillofacial prosthesis

Molloplast-B
(RN) 63394-02-5
(HM) *SILICONE ELASTOMERS
DENTURE LINERS
(NO) silicone soft denture liner

molluscan cardio-excitatory neuropeptide see FMRFamide

Moloney leukemia virus envelope glycoprotein gp71 receptor see viral envelope protein receptor

molsidomin see morsydomine

molsidomine see morsydomine

molt-inhibiting hormone
(HM) *INVERTEBRATE HORMONES
(PA) ECDYSTERONE/antag
(NO) eyestalk extract of shrimp

molybdate
(RN) 14259-85-9
(RR) 72826-31-4 ((99)Mo-labeled)
(RR) 12274-10-1 (Mo7-O24)
(RR) 11116-47-5 (Mo-ion)
(HM) *MOLYBDENUM

molybdenum blue
(RN) 40957-85-5
(HM) *MOLYBDENUM
(II) INDICATORS AND REAGENTS
(NO) spray reagent prepared by dissolving molybdenum trioxide in H2SO4 & adding powdered molybdenum; for staining phospholipids in thin layer chromatography

molybdenum cofactor
(RN) 73508-07-3
(SY) molybdopterin cofactor
(SY) molybdopterin
(HM) *PTERIDINES
(HM) *MOLYBDENUM
(II) COENZYMES

molybdocene dichloride
(RN) 12184-22-4
(RR) 52855-39-7 (molybdenum(1+))
(SY) dichlorobis(n(5)-cyclopentadienyl)molybdenum (IV)
(HM) *ORGANOMETALLIC COMPOUNDS
(HM) *MOLYBDENUM
(PA) ANTINEOPLASTIC AGENTS
(NO) RN & N1 from CA Vol 90 Form Index; structure of molybdenum(1+) given in first source

molybdo nitrate reductase see nitrate reductase (NADPH)

molybdopterin see molybdenum cofactor

molybdopterin cofactor see molybdenum cofactor

MOM see 9,3''-diacetylmidecamycin

momorcharin
(RN) 88026-31-7
(SY) alpha-momorcharin
(SY) beta-momorcharin
(HM) *PLANT PROTEINS
(PA) ABORTIFACIENT AGENTS, NON-STEROIDAL
(NO) basic glycoprotein MW 31,000 isolated from seeds of Momordica charantia

Momordica charantia inhibitor see Momordica charantia proteins

Momordica charantia lectin see Momordica charantia proteins

Momordica charantia polypeptide-p see Momordica charantia proteins

Momordica charantia proteins
(SY) Momordica charantia inhibitor
(SY) Momordica charantia lectin
(SY) Momordica charantia polypeptide-p
(HM) *PLANT PROTEINS
(PA) ANTIMETABOLITES
(PA) HYPOGLYCEMIC AGENTS
(II) LECTINS
(NO) from seeds & fruit of Momordica charantia

monacolin J
(HM) *NAPHTHALENES
(PA) ANTICHOLESTEREMIC AGENTS
(PA) ANTIBIOTICS
(NO) isolated from Monascus ruber; structure given in first source

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monacolin K
(RN) 71949-96-7
(HM) *NAPHTHALENES
(PA) ANTICHOLESTEREMIC AGENTS
(PA) ANTIBIOTICS
(NO) produced by Monascus ruber; specific competitive inhibitor of HMG-CoA reductase; RN from CA Vol 91 Form Index; N1 same as NM; structure in second source

monacolin L
(HM) *NAPHTHALENES
(PA) ANTICHOLESTEREMIC AGENTS
(PA) ANTIBIOTICS
(NO) isolated from Monascus ruber; structure given in first source

monacolin X
(HM) *NAPHTHALENES
(PA) ANTICHOLESTEREMIC AGENTS
(PA) ANTIBIOTICS
(NO) isolated from Monaseus ruber; MF: C24-H34-O6; structure given in first source

Monastral Blue B see copper phthalocyanine

Monastral fast blue see copper phthalocyanine

monazomycin
(RN) 11006-31-8
(SY) takacidin
(SY) U 0142
(SY) U-0142
(HM) POLYENES
(PA) ANTIBIOTICS
(NO) antibiotic produced by Streptomyces mashuensis; takacidn produced by S. griseoverticillatum; U-0412 produced by Streptoverticillium SP. KCC U-0142

monellin
(HM) *PLANT PROTEINS
(NO) sweet tasting protein from the tropical plant Dioscoreophyllum cumminsii

monensin B
(RN) 30485-16-6
(SY) 16-deethyl-16-methylmonensin
(HM) *MONENSIN/analogs

Monensin, 21,25-deepoxy-16-deethyl-25-de (hydroxymethyl)-3-O-demethyl-21,24-epoxy-25-ethyl-2-hydroxy-3-O-(2-hydroxy-4-methoxy-6-methylbenzoyl)-15-methoxy-16-methyl-, (15S,24S,25R)- see cationomycin

moniliformin
(RN) 31876-38-7
(RR) 52591-22-7 (K salt)
(RR) 71376-34-6 (Na salt)
(HM) *CYCLOBUTANES
(II) MYCOTOXINS
(NO) RN given refers to parent cpd; structure

monitor see methamidophos

monoacetin
(RN) 26446-35-5
(SY) glyceryl monoacetate
(HM) *GLYCERIDES

monoacetoacetin
(RN) 66523-11-3
(SY) monoglyceryl acetoacetate
(HM) *GLYCERIDES
(HM) *ACETOACETATES
(NO) used as ketone body-carbohydrate substrate for parental feeding of rats

monoacetoxyscirpenol
(RN) 96699-75-1
(HM) *TRICHOTHECENES
(II) MYCOTOXINS
(NO) RN given from Toxline; RN not in Chemline 8/85; structure given in first source

monoacetylcadaverine
(RN) 32343-73-0
(HM) *CADAVERINE/analogs
(NO) found in higher levels in blood of schizophrenic patients; substrate for rat liver monoamine oxidase & hog kidney diamine oxidase; RN from Vol 90, CA Chem Form Index

N-monoacetylcystine
(RN) 25779-79-7
(SY) N-acetylcystine
(HM) CYSTINE/*analogs

monoacetyldapsone
(RN) 565-20-8
(SY) acetyldapsone
(SY) 4-acetamido-phenyl-4'-aminophenyl sulfone
(SY) monoacetyl-diaminodiphenylsulfone
(SY) MADDS
(HM) DAPSONE/*analogs
(PA) ANTI-INFECTIVE AGENTS
(NO) used in leprosy chemotherapy

monoacetyl-diaminodiphenylsulfone see monoacetyldapsone

monoacetyldichlorobenzidine see 3,3-dichloro-N-acetylbenzidine

O(3)-monoacetylmorphine
(RN) 5140-28-3
(RR) 70192-59-5 (HCl(5alpha,6alpha)-isomer)
(RR) 62319-25-9 (sulfamate(5alpha,6alpha)-isomer)
(SY) morphine acetate
(HM) *MORPHINE DERIVATIVES
(NO) RN given refers to parent cpd(5alpha,6alpha)-isomer; RN for cpd without isomeric designation not in Chemline 8/84

6-monoacetylmorphine see 6-O-monoacetylmorphine

6-O-monoacetylmorphine
(RN) 2784-73-8
(RR) 36418-22-1 (HCl(5alpha,6alpha)-isomer)
(SY) morphine-6-acetate
(SY) 6-(0-acetyl)morphine
(SY) 6-monoacetylmorphine
(SY) 6-acetylmorphine
(HM) *MORPHINE DERIVATIVES
(NO) RN given refers to parent cpd(5alpha,6alpha)-isomer; RN for cpd without isomeric designation not in Chemline 8/84

N(8)-monoacetylspermidine see N(8)-acetylspermidine

N'-monoacetylspermine see N'-acetylspermine

monoacylglycerol acyltransferase
(RN) EC 2.3.1.-
(HM) *ACYLTRANSFERASES

mono(adenosine diphosphate ribosyl)transferase see ADP ribosyltransferase

monoadenosine 5'-trimetaphosphate see cyclic adenosine-5'-trimetaphosphate

monoamine dehydrogenase see amine tetrazolium reductase

monoamine tetrazolium reductase see amine tetrazolium reductase

monoanhydroaklavinone
(SY) anhydro-aklavinone
(HM) NAPHTHACENES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) structure given in first source

1-monoarachidonic glyceride see 1-arachidonyl monoglyceride

monoazide ethidium see 8-azidoethidium

monoazidobenzoylinsulin see insulin, (4-azidobenzoyl)-

N-B29-monoazidobenzoylinsulin see insulin, (4-azidobenzoyl)-

monobenzone see agerite alba

monobenzyl ether hydroquinone see agerite alba

monobromoacetate see bromoacetate

monobromobimane
(RN) 71418-44-5
(SY) MBBR
(SY) bromobimane
(HM) *BICYCLO COMPOUNDS
(II) FLUORESCENT DYES
(NO) fluorescent when reacted with thiol group; RN & N1 from CA Vol 91 Form Index; structure given in first source

monobromotrimethylammoniobimane see bromotrimethylammoniobimane

5-monobutyl methotrexate
(RN) 66147-31-7
(SY) gamma-MBMTX
(SY) NSC 305986
(SY) NSC-305986
(HM) METHOTREXATE/*analogs

monobutyl phthalate
(RN) 131-70-4
(RR) 58902-58-2 (Na salt)
(RR) 6014-93-3 (Co(2+) salt)
(RR) 73008-66-9 (K salt)
(RR) 7507-49-5 (Mn(2+) salt)
(RR) 5423-38-1 (Cu(2+) salt)
(HM) *PHTHALIC ACIDS
(NO) RN given refers to parent cpd

N(6)-monobutyryl adenosine-3',5'-cyclic monophosphate see monobutyryl cyclic AMP

N-monobutyryl cGMP see monobutyryl cyclic GMP

monobutyryl cyclic AMP
(RN) 13117-60-7
(RR) 70253-67-7 (mono-Na salt)
(RR) 33116-16-4 (unspecified Na salt)
(SY) N(6)-monobutyryl adenosine-3',5'-cyclic monophosphate
(SY) N(6)-monobutyryl cyclic AMP
(HM) DIBUTYRYL CYCLIC AMP/*analogs
(NO) RN given refers to parent cpd

N(6)-monobutyryl cyclic AMP see monobutyryl cyclic AMP

monobutyryl cyclic GMP
(RN) 52246-50-1
(RR) 59457-55-5 (cpd with unspecified butyryl locant)
(RR) 51115-99-2 (mono-Na salt)
(RR) 35879-34-6 (di-Na salt)
(SY) N-monobutyryl cGMP
(SY) N(2)-monobutyryl guanosine-3',5'-cyclic monophosphate
(HM) DIBUTYRYL CYCLIC GMP/*analogs
(NO) RN given refers to parent cpd with butyryl group on nitrogen atom

N(2)-monobutyryl guanosine-3',5'-cyclic monophosphate see monobutyryl cyclic GMP

monocalcium citrate see citric acid

monocarboxylate translocator see alpha-cyanocinnamate

monochloracetic acid see chloroacetic acid

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monochloramine see chloramine

17-monochloroacetylajmaline
(RN) 47562-08-3
(RR) 31081-68-2 (unspecified HCl(17R,21alpha)-isomer)
(RR) 40819-93-0 (mono-HCl(17R,21alpha)-isomer)
(SY) chloroacetylajmaline
(HM) AJMALINE/*analogs
(PA) ANTIPARKINSON DRUGS
(PA) MYOCARDIAL DEPRESSANTS
(PA) ANTI-ARRHYTHMIA AGENTS
(NO) RN given refers to parent cpd(17R,21alpha)-isomer; RN for cpd without isomeric designation not in Chemline 8/84

monochlorobenzene see chlorobenzene

8-monochloro-3-beta-diethylaminoethyl-4-methyl-7-ethoxycarboxylmethoxycoumarin see AD 6

monochlorodifluoromethane see fluorocarbon 22

monochlorodimedone see chlorodimedone

N-monochloroglycine see GK-101

monochloromethyl pseudocumene see chloromethylpseudocumene

o-monochlorophenol see 2-chlorophenol

monoclonal antibody OKT9 see OKT monoclonal antibodies

monoclonal anti-carbohydrate antibodies
(SY) anti-lacto-N-biose I antibody
(SY) anti-LNB I AN
(HM) *ANTIBODIES, MONOCLONAL
(NO) used for study of structures & functions of cell-surface carbohydrates

monoclonal leukocyte common antigen see leukocyte common antigen

monocrotaline
(RN) 315-22-0
(RR) 901-82-6 (HCl)
(RR) 83114-75-4 ((all-xi)-isomer)
(HM) *PYRROLIZIDINE ALKALOIDS
(II) SENECIO
(NO) hepatotoxic pyrrolizidine alkaloid from Crotalaris; RN given refers to parent cpd(13alpha,14alpha)-isomer; RN for cpd without isomeric designation not in Chemline 8/84; structure

monocrotaline pyrrole
(RN) 23291-96-5
(SY) dehydromonocrotaline
(HM) *PYRROLIZIDINE ALKALOIDS
(NO) RN given refers to (13alpha,14alpha)-isomer; RN for cpd without isomeric designation not in Chemline 8/84

monocyte procoagulant activity see macrophage procoagulant activity

monocyto-angiotropin
(SY) monocytoangiotropin
(HM) *PEPTIDES
(NO) MW 4,500; from macrophages; mediates chemotropic blood vessel growth

monocytoangiotropin see monocyto-angiotropin

monodansylcadaverine
(RN) 10121-91-2
(SY) dansylcadaverine
(HM) CADAVERINE/*analogs
(PA) ANTINEOPLASTIC AGENTS
(PA) IMMUNOSUPPRESSIVE AGENTS
(II) FLUORESCENT DYES
(NO) inhibits cross linkage of fibrin

mono-N-dealkylated disopyramide see 4-(isopropylamino)-2-(2-pyridyl)-2-phenylbutyramide

monodehydroascorbate see semidehydroascorbic acid

monodehydroascorbate reductase (NADH)
(RN) EC 1.6.5.4
(RR) 9029-26-9 (CRN)
(SY) NADH semidehydroascorbate oxidoreductase
(SY) semidehydroascorbate reductase
(HM) *NADH, NADPH OXIDOREDUCTASES

monodehydroascorbic acid see semidehydroascorbic acid

monododecylglycerol see monolaurin

monoethanolamine see ethanolamine

monoethanolamine benzoate see ethanolamine benzoate

N(G)-monoethylarginine
(RN) 20933-81-7
(SY) N(G)-ethylarginine
(HM) ARGININE/*analogs

monoethylglycinexylidide see L-86

mono-(2-ethylhexyl)phthalate
(RN) 4376-20-9
(RR) 25425-73-4 (Na salt)
(SY) MEHP
(HM) *DIETHYLHEXYL PHTHALATE/analogs
(NO) RN given refers to parent cpd

N-monoethylhomocholine see N-ethylhomocholine

monoferrous acid citrate
(RN) 23383-11-1
(SY) ferrous citrate
(HM) *FERROUS COMPOUNDS
(NO) iron fortificant

monofluoroacetate see fluoroacetic acid

monofluoroacetic acid see fluoroacetic acid

monofluoroamphetamine see 2-amino-3-fluoro-1-phenylpropane

monofluorofumarate see 2-fluorofumarate

monofluoromethyl-dopa see alpha-monofluoromethyldopa

monofluoromethylornithine see 2-fluoromethylornithine

monofluorophosphate see fluorophosphate

monofuco-lacto-N-hexaose
(HM) *OLIGOSACCHARIDES
(NO) found in human breast milk; structure given in first source

2,4-monofurfurylidene-tetra-O-methylsorbitol
(RN) 26691-06-5
(SY) 2,4-tetra-O-methylfurfurylidene-sorbitol
(HM) SORBITOL/*analogs
(PA) ANTI-INFLAMMATORY AGENTS
(NO) free radical scavenger

monogalactolipid see galactolipids

monogalactosyldiacylglycerol see monogalactosyldiglycerides

monogalactosyldiglycerides
(SY) monogalactosyldiacylglycerol
(SY) galactosyl diglycerides
(SY) galactosyl diacylglycerol
(SY) diacylgalactosylglycerol
(SY) MGLDG
(HM) *GLYCOLIPIDS
(HM) *DIGLYCERIDES
(NO) see also record for 1,2-distearoylmonogalactosylglyceride

monoglucosyl diacylglycerol see glucosyl diacylglycerol

monoglucosyl diglyceride see glucosyl diacylglycerol

monoglyceride acyltransferase see acylglycerol palmitoyltransferase

monoglycerol laurate see monolaurin

monoglyceryl acetoacetate see monoacetoacetin

8-monohydromirex see photomirex

monoiodoacetic acid see iodoacetic acid

monoiodo alpha-bungarotoxin see iodo-alpha-bungarotoxin

monoiodoapamin
(RN) 70592-40-4
(SY) iodoapamin
(HM) *APAMIN/analogs
(NO) RN given refers to 125I-labeled cpd; RN for unlabeled cpd not in Chemline 8/84

monoiodoglucagon see iodoglucagon

monoiodoinsulin see insulin, iodo-

3'-monoiodothyronine
(RN) 4732-82-5
(RR) 4080-17-5 ((D-Tyr)-isomer)
(SY) 3'-T1
(HM) *THYRONINES
(NO) RN given refers to (L-Tyr)-isomer; RN for cpd without isomeric designation not in Chemline 8/84

3-monoiodothyronine
(RN) 16170-92-6
(RR) 2751-17-9 ((DL-Tyr)-isomer)
(RR) 10468-90-3 ((L-Tyr)-isomer)
(RR) 66163-64-2 (125I-labeled cpd(L-Tyr)-isomer)
(SY) 3-T1
(SY) 3-iodothyronine
(HM) *THYRONINES
(NO) RN given refers to unlabeled cpd without isomeric designation

monoiodo(Tyr(11))neurotensin see 11-iodotyrosine neurotensin

monokine see monokines

monokines
(SY) monokine
(SY) mononuclear cell factor
(HM) *PROTEINS
(II) MACROPHAGE ACTIVATION
(NO) protein immunologic mediators produced by activated macrophages; stimulate thymidine uptake in cultured fibroblasts distinct from interleukin 1

monolaurin
(RN) 27215-38-9
(SY) monoglycerol laurate
(SY) lauricidin
(SY) glycerol monolaurate
(SY) monododecylglycerol
(HM) *GLYCERIDES
(HM) *LAURATES
(II) CARIOSTATIC AGENTS
(NO) RN given refers to cpd with unspecified monolaurin locant

monolein see monoolein

monolinuron
(RN) 1746-81-2
(SY) 3-(4-chlorophenyl)-1-methoxy-1-methylurea
(HM) *LINURON/analogs
(PA) HERBICIDES, UREA
(NO) structure in first source

mono-lok see bis(phenol A-glycidyl methacrylate)

Monolok see bis(phenol A-glycidyl methacrylate)

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monomethacrylate propylene oxide see glycidyl methacrylate

mono(2-methoxyethyl) phthalate
(RN) 16501-01-2
(SY) phthalic acid mono(2-methoxyethyl) ester
(HM) *PHTHALIC ACIDS
(NO) metabolite of dimethoxyethyl phthalate

monomethoxypolyethylene glycol
(RN) 9004-74-4
(SY) polyethylene glycol monomethyl ether
(SY) monomethoxypolyoxyethylene
(HM) *POLYETHYLENE GLYCOLS

monomethoxypolyethylene glycol-arginase
(SY) MM-PEG-arginase
(HM) *POLYETHYLENE GLYCOLS
(HM) *ARGINASE
(PA) ANTINEOPLASTIC AGENTS
(NO) monomethylethylene glycol & arginase are attached covalently

monomethoxypolyoxyethylene see monomethoxypolyethylene glycol

monomethylamine see methylamine

6-monomethylaminophenylazobenzothiazole
(RN) 92911-19-8
(SY) MA6BT
(HM) *AZO COMPOUNDS
(HM) *THIAZOLES
(PA) CARCINOGENS
(NO) structure given in first source

monomethylammonium ion see methylamine

N(G)-monomethylarginine see omega-N-methylarginine

monomethylarsonic acid
(RN) 124-58-3
(RR) 144-21-8 (di-Na salt)
(RR) 2163-80-6 (mono-Na salt)
(RR) 63869-15-8 (di-Hg(1+) salt)
(RR) 39159-83-6 (di-K salt)
(RR) 6423-72-9 (mono-Ca salt)
(RR) 2321-53-1 (mono-NH4 salt)
(RR) 65513-69-1 (Fe(2+) salt[3:2])
(RR) 35745-11-0 (unspecified NH4.Fe(3+) salt)
(RR) 33972-75-7 (unspecified Fe salt)
(RR) 22969-24-0 (unspecified Na salt)
(RR) 20324-26-9 (mono-Zn salt)
(RR) 5902-95-4 (Ca salt[2:1])
(SY) methylarsonic acid
(SY) methanearsonic acid
(SY) MSMA
(SY) sodium methanearsonate
(SY) monosodium methanearsonate
(HM) *ARSENICALS
(PA) HERBICIDES
(PA) TERATOGENS
(NO) RN given refers to parent cpd; structure

N-monomethylethanolamine see N-methylaminoethanol

monomethylformamide see methylformamide

mono-5-methylhexylphthalate
(SY) MMHP
(HM) *PHTHALIC ACIDS

2-monomethylolphenol see salicyl alcohol

monomethyl succinate
(RN) 3878-55-5
(RR) 50888-28-3 (Na salt)
(SY) methyl succinate
(SY) succinic acid monomethyl ester
(SY) DL-methylsuccinate
(SY) 3H-methylsuccinate
(HM) *SUCCINATES
(NO) RN given refers to parent cpd

monomethyl sulfate see methyl sulfate

monomethyltin trichloride see methyltin

mononitrocoronene see 1-nitrocoronene

mononitroglycerol
(RN) 27321-61-5
(SY) glyceryl mononitrate
(HM) GLYCERYL TRINITRATE/*analogs
(NO) RN given refers to cpd with unspecified nitrate locant

N-mononitrosopiperazine see 1-nitrosopiperazine

N-mononitrosopyridinol carbamate see N-nitrosopyridinol carbamate

3-mononitrotyrosine see 3-nitrotyrosine

mononuclear cell factor see monokines

3'-mononucleotidase see nuclease I

monooctanoin
(RN) 26402-26-6
(SY) glyceryl-1-monooctanoate
(SY) capmul
(SY) capmul 8210
(SY) glycerol-1-monooctanoate
(HM) *GLYCERIDES
(II) SOLVENTS
(NO) dissolution agent for retained cholesterol bile duct stones; RN in Chemline for octanoic acid, ester with 1,2,3-propanetriol, MF unknown: 11140-04-8; RN for octanoic acid, 2,3-dihydroxypropyl ester (1-monooctanoin): 502-54-5; RN in 9th CI Form Index for (+-)-1-monooctanoin: 19670-49-6

mono-n-octyl phthalate
(RN) 5393-19-1
(SY) MNOP
(HM) *PHTHALIC ACIDS

monoolein
(RN) 25496-72-4
(SY) glyceryl monooleate
(SY) monolein
(SY) glycerol monooleate
(SY) glycerylmonooleate
(SY) 1-oleoyl monoglyceride
(SY) oleic acid monoglyceride
(HM) *GLYCERIDES

monooleylphosphatidate see monooleylphosphatidic acid

monooleylphosphatidic acid
(RN) 22002-87-5
(RR) 72777-87-8 (Na salt(R)-isomer)
(RR) 65528-98-5 ((R)-isomer)
(SY) MOPA
(SY) monooleylphosphatidate
(SY) 1-oleoyl-lysophosphatidic acid
(HM) *PHOSPHATIDIC ACIDS
(NO) RN given refers to parent cpd

2,4-D monooxygenase see 2,4-dichlorophenoxyacetic acid monooxygenase

monopalmitoyl alpha-bungarotoxin
(SY) palmitoyl alpha-bungarotoxin
(HM) *BUNGAROTOXINS
(NO) palmitic acid covalently coupled to alpha-bungarotoxin

monoperoxydecanoic acid
(RN) 86074-10-4
(SY) decanoic acid monoperoxide
(HM) *DECANOIC ACIDS

monoperphthalic acid
(RN) 2311-91-3
(HM) *PHTHALIC ACIDS

monophenylbutazone
(RN) 2210-63-1
(RR) 41468-34-2 (Na salt)
(SY) 1-phenyl-4-n-butyl-3,5-dioxopyrazolidine
(SY) mofebutazone
(HM) PHENYLBUTAZONE/*analogs
(PA) ANTI-INFLAMMATORY AGENTS
(NO) RN given refers to parent cpd; structure

3'-monophosphatase see nuclease P1

monophosphatidylinositol phosphodiesterase
(RN) EC 3.1.4.10
(RR) 37288-19-0 (CRN)
(SY) phosphatidylinositol phosphodiesterase
(SY) phosphatidylinositol inositolphosphohydrolase
(SY) PI-PLC
(SY) phosphatidylinositol-specific phospholipase C
(HM) *PHOSPHODIESTERASES

monoprop see propionic acid

monopropionylcadaverine
(RN) 65251-14-1
(RR) 70035-12-0 (mono-HCl)
(SY) n-propionylcadaverine
(HM) *CADAVERINE/analogs
(NO) found in higher levels in schizophrenic patients; substrate for rat liver monoamine oxidase and hog kidney diamine oxidase; RN from CA, Chem Form Index;

Mono Q
(HM) *ANION EXCHANGE RESINS
(NO) no other information available 11/84

monosodium methanearsonate see monomethylarsonic acid

monosodium trichloroethyl phosphate see triclofos

monosulfiram
(RN) 95-05-6
(SY) tetraethylthiuram monosulfide
(SY) sulfiram
(HM) DISULFIRAM/*analogs
(NO) monosulfide derivative of disulfide DISULFIRAM, structure

mono-tert-butylhydroquinone see 2-tert-butylhydroquinone

monothiodiphophate see monothiopyrophosphoric acid

monothiodiphosphoric acid see monothiopyrophosphoric acid

monothioglycerol see thioglycerol

monothiopyrophosphate see monothiopyrophosphoric acid

monothiopyrophosphoric acid
(SY) monothiopyrophosphate
(SY) thiopyrophosphate
(SY) monothiodiphophate
(SY) monothiodiphosphoric acid
(HM) *PYROPHOSPHATES
(PA) ANTIVIRAL AGENTS
(NO) structure given in first source

monouron see monuron

monovanadate see vanadate

Monsel's solution see ferric subsulfate solution

Montenegro antigen see leishmanin

monuron
(RN) 150-68-5
(SY) monuron
(HM) *METHYLUREA COMPOUNDS
(PA) HERBICIDES, UREA
(NO) minor descriptor (72-83); on-line & Index Medicus search UREA/AA (72-74) & HERBICIDES (72-74) & HERBICIDES UREA (75-83); RN given refers to unlabeled cpd; structure

MOPA see monooleylphosphatidic acid

MOPA-6
(HM) MECHLORETHAMINE
(HM) VINCRISTINE
(HM) PREDNISOLONE
(HM) ASPARAGINASE
(HM) MERCAPTOPURINE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds; used in treatment of canine lymphoma

MOP-BAP
(HM) MECHLORETHAMINE
(HM) VINCRISTINE
(HM) PROCARBAZINE
(HM) PREDNISONE
(HM) DOXORUBICIN
(HM) BLEOMYCINS
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds; used in treatment of Hodgkin's disease

MOPC 173 see myeloma protein MOPC 173

MOPDAD see
3'-(4-methoxy-1-piperidinyl)-3'-deaminodaunorubicin

moperone
(RN) 1050-79-9
(RR) 3871-82-7 (HCl)
(SY) methylperidol
(SY) 4'-fluoro-4-(4-hydroxy-4-4-tolylpiperidino) butyrophenone
(HM) *BUTYROPHENONES
(PA) HYPNOTICS AND SEDATIVES
(PA) BUTYROPHENONE TRANQUILIZERS
(NO) RN given refers to parent cpd; structure

MOPP
(HM) MECHLORETHAMINE
(HM) VINCRISTINE
(HM) PROCARBAZINE
(HM) PREDNISONE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds; used in treating Hodgkins disease; MOP is combination without prednisone

MOPP-Bleo
(HM) MECHLORETHAMINE
(HM) VINCRISTINE
(HM) PROCARBAZINE
(HM) PREDNISONE
(HM) BLEOMYCINS
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds; used in treatment of Hodgkin's disease

MOP protocol
(HM) MECHLORETHAMINE
(HM) VINCRISTINE
(HM) PROCARBAZINE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above 3 cpds

moprolol
(RN) 5741-22-0
(RR) 27058-84-0 (mono-HCl)
(RR) 77164-23-9 (HCl(+)-isomer)
(RR) 77164-21-7 (HCl(-)-isomer)
(RR) 77164-19-3 ((+-)-isomer)
(RR) 77164-22-8 ((+)-isomer)
(RR) 77164-20-6 ((-)-isomer)
(SY) 1-(o-methoxyphenoxy)-3-isopropylamino-2-propanol
(SY) SD 1601
(SY) levomoprolol
(HM) *PROPANOLAMINES
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS
(PA) ANTIHYPERTENSIVE AGENTS
(NO) (-)-moprolol is beta-blocker & anti-hypertensive agent; (+)-moprolol is inactive; SD 1601 refers to HCl; RN given refers to parent cpd without isomeric designation; structure in Negwer, 5th ed, #6316

MOPS see morpholinopropane sulfonic acid

MOPTFEQ see
6-methoxy-4-phenyl-1-(2,2,2-trifluoroethyl)-2-(1H)-quinazolinone

MOPTQ see
2-methyl-3-(4-oxo-3-phenylthiazolidin-2-ylidenamino)-4-(3H)-quinazolinone

moracizin
(RN) 31883-05-3
(RR) 29560-58-5 (mono-HCl)
(SY) etmozin
(SY) ethmozine
(SY) N-(10-(3-morpholinopropionyl)phenothiazin-2-yl) carbamic acid ethyl ester
(SY) EN-313
(SY) ethmozin
(SY) moricizine
(HM) *PHENOTHIAZINES
(PA) MYOCARDIAL DEPRESSANTS
(PA) ANTI-ARRHYTHMIA AGENTS
(NO) RN given refers to parent cpd; structure

moran A
(HM) *GLYCOPROTEINS
(PA) HYPOGLYCEMIC AGENTS
(II) PLANTS, MEDICINAL
(NO) from Morus alba root bark

morazone
(RN) 6536-18-1
(RR) 50321-35-2 (mono-HCl)
(SY) 1-phenyl-2,3-dimethyl-4-(2'-phenyl-3'-methylmorpholinomethyl)pyrazolone
(SY) tarugan
(SY) 4-((3-methyl-2-phenylmorpholino)methyl) antipyrine
(HM) ANTIPYRINE/*analogs
(PA) ANALGESICS, ADDICTIVE
(PA) ANTI-INFLAMMATORY AGENTS
(NO) RN given refers to parent cpd; structure

morclofone
(RN) 31848-01-8
(RR) 31848-02-9 (HCl)
(HM) *BENZOPHENONES
(PA) ANTITUSSIVE AGENTS
(NO) RN refers to parent cpd; RN & structure given in USAN

mordant blue 3 see solochrome cyanine R

morestan see quinomethionate

morfamquat
(RN) 4636-83-3
(HM) *PYRIDINIUM COMPOUNDS
(PA) HERBICIDES
(NO) pyridinium herbicide; like others of this type, reacts with atmospheric O(2) to form labile hydroperoxides, which in turn give off activated oxygen; RN given refers to dichloride; RN for parent cpd not in Chemline 7/5/83; structure

morfazinamide see morphazinamide

morfolep
(RN) 3780-72-1
(SY) 1-morpholinomethyl-3-phenyl-3-methyl-pyrrolidinedione-2,5
(SY) morpholep
(HM) *MORPHOLINES
(PA) ANTICONVULSANTS
(NO) structure

mori-amine S2
(HM) *AMINO ACIDS
(NO) amino acid mixture

moricizine see moracizin

morin
(RN) 480-16-0
(SY) 2,3,4,5,7-pentahydroxyflavone
(HM) *FLAVONES
(II) INDICATORS AND REAGENTS
(NO) structure

moristerol see soysterol

morniflumate
(RN) 65847-85-0
(SY) niflumic acid beta-morpholinoethyl ester
(SY) beta-morpholinoethyl niflumate
(HM) *NIFLUMIC ACID/analogs
(PA) ANTI-INFLAMMATORY AGENTS

morocromen
(RN) 35843-07-3
(RR) 35843-09-5 (mono-HCl)
(SY) N-(3-(2-morpholinoethyl)-4-methyl-2-oxo-2H-1-benzopyran-7-yl)-4-morpholinecarboxamide
(SY) TVX 647
(HM) *COUMARINS
(PA) VASODILATOR AGENTS
(NO) RN given refers to parent cpd; structure

moroxydine
(RN) 3731-59-7
(RR) 7420-18-0 (unspecified HCl)
(RR) 3160-91-6 (mono-HCl)
(SY) 4-morpholinocarboximidoylguanidine
(SY) vironil
(SY) influmine
(SY) N-amidino-4-morpholinecarboxamidine
(SY) flumidine
(HM) *MORPHOLINES
(PA) ANTIVIRAL AGENTS
(NO) RN given refers to parent cpd; structure

morozole-2
(RN) 91315-88-7
(HM) *OILS
(HM) *PROPANEDIOLS
(NO) industrial oil containing tallow oil, propylene glycol & petroleum

morphactins
(HM) *FLUORENES
(II) PLANT GROWTH REGULATORS
(NO) fluorenol-9-carboxylic acid derivs Chemline lists nine morphactins

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morphazinamide
(RN) 952-54-5
(RR) 1473-73-0 (mono-HCl)
(SY) morfazinamide
(HM) *PYRAZINES
(PA) ANTITUBERCULAR AGENTS
(NO) RN given refers to parent cpd; RN in Chemline for mono-HCL: 1473-73-0; structure in Merck Index

morphiceptin
(RN) 74135-04-9
(RR) 84799-23-5 ((L-Tyr-L-Pro-L-Phe-D-Pro)-isomer)
(RR) 77532-16-2 ((L-Tyr-D-Pro-L-Phe-L-Pro)-isomer)
(RR) 87777-29-5 (mono-HCl(L-Tyr-L-Pro-L-Phe-L-Pro)-isomer)
(SY) NH(4)-Tyr-Pro-Phe-Pro-CONH(2)
(SY) beta-casomorphine(1-4) amide
(SY) deproceptin
(SY) Tyr-Pro-Phe-D-Pro-NH2
(HM) *ENDORPHINS
(PA) ANALGESICS
(PA) CONVULSANTS
(NO) synthetic tetrapeptide with morphinelike activities, highly specific for morphine receptors, but not for enkephalin receptors; is the amide of a fragment of the milk protein beta casein; deproceptin is the D-Pro(4)-isomer; see also related heptapeptide beta-casomorphin; RN given refers to parent cpd(L-Tyr-L-Pro-L-Phe-L-Pro)-isomer; RN for cpd without isomeric designation not in Chemline 8/84

morphiceptin, N-MePhe(3)-D-Pro-
(SY) morphiceptin, N-3-methylphenylalanyl-4-proline-
(SY) N-MePhe(3)-D-Pro(4)-morphiceptin
(SY) NMEPP-morphiceptin
(SY) N-methylphenylalanine(3)-proline morphiceptin
(HM) *ENDORPHINS

morphiceptin, N-methylphenylalanine(3)- see morphicetin, N-MePhe(3)-

morphiceptin, N-3-methylphenylalanyl-4-proline- see morphiceptin, N-MePhe(3)-D-Pro-

morphicetin, N-MePhe(3)-
(RN) 83397-56-2
(RR) 83435-59-0 (all L-isomer)
(SY) Tyr-Pro-N-MePhe-Pro-NH2
(SY) morphiceptin, N-methylphenylalanine(3)-
(SY) N-methylphenylalanine(3)-morphiceptin
(HM) *ENDORPHINS
(NO) RN given refers to D-prolinamide, all L-isomer

morphine acetate see O(3)-monoacetylmorphine

morphine-6-acetate see 6-O-monoacetylmorphine

morphine 6-dehydrogenase
(RN) EC 1.1.1.-
(HM) *ALCOHOL OXIDOREDUCTASES
(NO) catalyzes the dehydrogenation of morphine in position 6 to morphinone

morphine-N-demethylase
(RN) EC 1.5.-
(HM) *OXIDOREDUCTASES, N-DEMETHYLATING

morphine dinicotinate see nicomorphine

morphine-3-glucuronide
(RN) 20290-09-9
(HM) *MORPHINE DERIVATIVES
(NO) RN given refers to (5alpha,6alpha)-isomer; RN for cpd without isomeric designation not in Chemline 8/84

morphine-6-glucuronide
(RN) 20290-10-2
(HM) *MORPHINE DERIVATIVES
(NO) RN given refers to (5alpha,6alpha)-isomer; RN for cpd without isomeric designation not in Chemline 8/84

morphine-GSH see 10-alpha-S-glutathionylmorphine

morphine-like compounds (non-peptide)
(SY) non-peptide morphine-like compounds
(SY) non-peptide morphine like compound
(SY) NP-MLC
(HM) *NARCOTICS
(NO) endogenous compounds which bind to opiate receptors; no other information available 1/78

morphine-7,8-oxide
(RN) 77632-94-1
(RR) 81872-18-6 ((5alpha,6alpha)-isomer)
(HM) *MORPHINE DERIVATIVES
(PA) ANALGESICS
(NO) increased analgesic activity compared to parent; RN given refers to (5alpha,6alpha,7beta,8beta)-isomer; RN for cpd without isomeric designation not in Chemline 8/84; structure in first source

morphine sulfate
(RN) 64-31-3
(RR) 6211-15-0 (pentahydrate)
(HM) *MORPHINE

morphinone
(RN) 467-02-7
(HM) DIHYDROMORPHINONE/*analogs
(NO) RN given refers to (5alpha)-isomer; RN for cpd without isomeric designation not in Chemline 8/84

morpholep see morfolep

morpholine
(RN) 110-91-8
(RR) 76088-23-8 (sulfite[1:1])
(RR) 63079-67-4 (unspecified phosphate)
(RR) 58464-45-2 (HI)
(RR) 56287-27-5 (phosphonate[1:1])
(RR) 34668-73-0 (phosphate[3:1])
(RR) 10024-89-2 (HCl)
(HM) *MORPHOLINES
(NO) RN given refers to parent cpd

4-morpholineethanesulfonate see 2-(N-morpholino)ethanesulfonic acid

3-morpholine-2-hydroxypropyl dextran ether
(RN) 89492-76-2
(SY) dextran H-2
(HM) *DEXTRANS
(II) ADJUVANTS, IMMUNOLOGIC
(NO) RN given from Toxline; RN not in Chemline 5/84; structure given in first source

morpholine propanesulphonic acid see morpholinopropane sulfonic acid

4-morpholinocarboximidoylguanidine see moroxydine

2-(N-morpholino)ethanesulfonic acid
(RN) 4432-31-9
(RR) 71119-23-8 (Na salt)
(SY) 4-morpholineethanesulfonate
(HM) *MORPHOLINES
(HM) *ALKYL SULFONATES
(II) BUFFERS
(NO) RN given refers to parent cpd

3-(morpholinoethyl)amino-4-methyl-6-phenylpyridazine see minaprine

N-(3-(2-morpholinoethyl)-4-methyl-2-oxo-2H-1-benzopyran-7-yl)-4-morpholinecarboxamide see morocromen

4-((2-(4-(2-morpholino)ethyl)piperazinyl)ethyl) oxycarboxyl)phenyl 5-methoxy-2-methylindole-3-acetate trihydrochloride see FK 401

1-morpholinomethyl-3-phenyl-3-methyl-pyrrolidinedione-2,5 see morfolep

4-morpholino-2-piperazinothieno(3,2-D)pyrimidine dihydrochloride see VK 774

morpholinopropane sulfonic acid
(RN) 1132-61-2
(SY) MOPS
(SY) morpholine propanesulphonic acid
(HM) *MORPHOLINES
(II) BUFFERS

N-(10-(3-morpholinopropionyl)phenothiazin-2-yl) carbamic acid ethyl ester see moracizin

1-(6-morpholino-3-pyridazinyl)-2-(1-(tert-butoxycarbonyl)-2-propylidene)diazane see GYKI 11679

3-morpholinosydnonimine.HCl see CV-664

3'-(4-morpholinyl)-3'-deaminodaunorubicin
(RN) 79867-78-0
(RR) 79898-07-0 (HBr(8S-cis)-isomer)
(SY) MDADR
(HM) DAUNORUBICIN/*analogs
(PA) ANTINEOPLASTIC AGENTS
(NO) RN given refers to parent cpd(8S-cis)-isomer; RN for cpd without isomeric designation not in Chemline 8/84; structure given in first source

morsodren see panogen 15

morsydomine
(RN) 25717-80-0
(SY) SIN-10
(SY) molsidomine
(SY) korvatone
(SY) N-carboxy-3-morpholino-sydnonimine ethyl ester
(SY) molsidomin
(SY) corvaton
(HM) *SYDNONES
(PA) ANTIHYPERTENSIVE AGENTS
(PA) VASODILATOR AGENTS
(NO) anti-anginal agent; structure

MOSE see di-beta-(morpholinoethyl)selenide

moskene
(RN) 116-66-5
(SY) 1,1,3,3,5-pentamethyl-4,6-dinitroindan
(HM) *INDANS
(II) PERFUME
(NO) causes allergic photocontact dermatitis; structure given in first source

motipress see motival

motival
(RN) 66555-51-9
(SY) motipress
(HM) *FLUPHENAZINE
(HM) *NORTRIPTYLINE
(HM) DRUG COMBINATIONS
(NO) combination of fluphenazine & nortriptyline

MOTOMA see N(6)-methoxy-2',3',5'-tri-O-methyladenosine

motretinide see Ro 11-1430

motropin
(RN) 80619-62-1
(HM) *TROPANES
(PA) NARCOTIC ANTAGONISTS
(NO) narcotic analgesic antagonist in tropane series; no other information available 2/18/82

MO-Trp(8)-SRIH see somatostatin, 5-methoxy-Trp(8)-

mousamine see 5-hydroxykynuramine

mouse acidic whey protein see whey acidic proteins

mouse cell host protein see host factor

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mouse helix-destabilizing protein-1 see helix-destabilizing proteins

mouse myeloma helix-destabilizing protein see helix-destabilizing proteins

mouse tear proteins see tear proteins

moutan cortex
(HM) *PLANT EXTRACTS
(II) PLANTS, MEDICINAL
(NO) root cortes of Paeonia Mouton Sims; crude drug used in traditional Chinese medicine, paeonal being one of its components

moxaprindine
(RN) 53076-26-9
(SY) methoxyaprindine1,3-Propanediamine, N-(2,3-dihydro-1-methoxy-1H-inden-2-yl)-N',N'-diethyl-N-phenyl-
(SY) N,N-diethyl-N'-(1-methoxy-2-indanyl)-N'-phenyl-1,3-propanediamine
(HM) *APRINDINE/analogs
(PA) ANTI-ARRHYTHMIA AGENTS
(NO) structure given in UD 31:185i

moxaverine see eupaverin

moxesterol see moxestrol

moxestrel see moxestrol

moxestrol
(RN) 34816-55-2
(RR) 61665-15-4 ((11alpha,17alpha)-isomer)
(SY) 11 beta-methoxyethinyl- diol
(SY) R 2858
(SY) moxestrel
(SY) moxesterol
(SY) RU-2858
(SY) RU 16117
(SY) RU-16117
(HM) ETHINYL ESTRADIOL/*analogs
(PA) ESTROGEN ANTAGONISTS
(II) ESTROGENS, SYNTHETIC
(NO) RN given refers to (11beta,17alpha)-isomer; RN for cpd without isomeric designation not in Chemline 8/84; structure

moxnidazole
(RN) 52279-59-1
(RR) 30185-92-3 (unspecified HCl)
(RR) 30826-72-3 (mono-HCl)
(SY) 3-(5-nitro-1-methyl-2-imidazolyl)methyleneamino-5-morpholinomethyl-2-oxazolidinone
(SY) ZK 25095
(SY) ZK-25095
(HM) *NITROIMIDAZOLES
(PA) MUTAGENS
(PA) ANTITRICHOMONAL AGENTS
(NO) RN given refers to parent cpd

moxonidine
(RN) 75438-57-2
(SY) BE 5895
(SY) BE-5895
(SY) 4-chloro-N-(4,5-dihydro-1H-imidazol-2-yl)-6-methoxy-2-methyl-5-pyrimidinamine
(HM) *IMIDAZOLES
(PA) ANTIHYPERTENSIVE AGENTS
(NO) structure given in first source

1-MOYAI see 1-methyl-4-(2-oxazolin-2-ylamino)indazole

MPAB see N-methyl-4-piperidyl 4-azidobenzilate

MP35N alloy
(RN) 12646-94-5
(SY) F562
(HM) *ALLOYS
(NO) alloy containing cobalt, nickel, chromium, molybdenum, iron, silicon, manganese & titanium; used for surgical implants

MPCCV
(HM) MELPHALAN
(HM) PREDNISONE
(HM) CYCLOPHOSPHAMIDE
(HM) SEMUSTINE
(HM) VINCRISTINE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) for treatment of multiple myeloma; chemotherapy protocol consisting of above 5 cpds

MPC (Dental Cement)
(RN) 70225-88-6
(SY) MPC-12
(SY) experimental MPC-12
(HM) *CALCIUM HYDROXIDE
(HM) *MINERALS
(II) DENTAL CEMENTS
(II) DENTAL PULP CAPPING
(NO) base contains calcium hydroxide, gelled mineral oil, lecithin, titanium dioxide, & barium sulfate; accelerator contains polymerized rosin, isobutyl & methyl salicylate, & zinc acetate

4-MPCQ see 4-(2-methyl-1-pyrrolidyl)-7-chloroquinoline

1-MPC see 1-palmitoyl-2-heptadec-10-enylcarbamyloxy-sn-glycero-3-phosphorylcholine

MPC-12 see MPC (Dental Cement)

MPDHT see 2-(N-methyl-N-(n-propyl)amino)-6,7-dihydroxytetralin

MPDP+ see 1-methyl-4-phenyl-2,3-dihydropyridinium

MPDPO see 2-methyl-1-phenyl-6,7-dihydro-1H,5H-pyrazolo(5,1-b)(1,3)oxazin-8-ium

MPE-Fe see methidiumpropyl-EDTA-iron(II)

MPEOA see N-methylphenylethanolamine

10-MPEPC see 10-methoxy-2-(2-(1-piperidinyl)ethyl)-7H-pyrido(4,3-c) carbazolium

MPester methyltransferase see methylphosphotriester methyltransferase

MPGF see proglucagon fragment

MPGGA see N'-methylpiperazinylgeranylgeranyl acetamide

MPH see 5,10-dihydro-5-methylphenazine

MPHZ see mercaptopropionylhydrazide

2-A-3-MPI see 2-amino-3-methyl-9H-pyrido(2,3-b)indole

MP-MA see 4-methyl-2-pentenoyl maleic anhydride copolymer

4-MPMAC see 4-methyl-2-pentonyl-maleic anhydride copolymer

MPMAP see 2-(4-methyl-1-piperazinylmethyl)acrylophenone

MPNE see 4-methyl-3-(n-propylthio)phenyl 4-nitrophenyl ether

2-MPO see 2-(2-methylphenyl)oxirane

MPP+ see cyperquat

MPPB see 1-methyl-5-phenyl-5-propylbarbituric acid

MPPDME see N-methylprotoporphyrin dimethyl ester

3-MPPD see 3-methoxy-3-phenyl-2-piperidinone

2-MPPED see 2-(4-methoxyphenyl)-4'-(2-(1-pyrrolidinyl)ethoxy) deoxybenzoin

2-MPPP see 2-methyl-1-phenyl-2-(3-pyridinyl)-1-propanone

MP protocol see AP combination

1-4-MPP see 1-(4-methoxyphenyl)pyridinium

6-MPR 5'-DP see 6-mercaptopurine ribonucleoside 5'-diphosphate

M13 procoat protein
(HM) *CAPSID
(HM) *PROTEIN PRECURSORS
(NO) precursor or membrane-bound M13 coat protein; has a 23-residue leader sequence on its NH2 terminus; after cleavage by leader peptidase it spans the plasma membrane of the infected cell prior to its assembly onto extruding virions

M protein see protein M

M-protein (muscle) see myomesin

M-proteins
(HM) *BLOOD PROTEINS
(II) IGM
(II) MYELOMA PROTEINS
(II) IGA
(NO) name given to monoclonal immunoglobulin that is in excess because of its frequent association with multiple myeloma, macroglobulinemia Waldenstrom, malignant lymphoma; also found on surface of influenza virus; see M-proteins (viral)

M protein serum opacity factor see opacity factor

M protein, streptococcal see streptococcal M protein

M-proteins (viral) see viral matrix proteins

MPSA see 3-mercaptopyridine-2-sulfonamide

mPSDp see postsynaptic density protein

MPTA see 4-(N-maleimido)benzyltrimethylammonium

3-MPTES see 3-(2-(4-methylphenyl)thioethyl)-5-sydnone

4-MPTF see 4-methylphenylthallium(III)bis(fluoroacetate)

MPTP see N-methyl-4-phenyl-1,2,3,6-tetrahydropyridine

MPTSCMEC see 1-cyclohexyl-3-(2-morpholinoethyl)carbodiimide metho-4-toluenesulfonate

MPV 207
(RN) 78892-44-1
(SY) MPV-207
(SY) 4(5)-(2,6-dimethylbenzyl)imidazole
(HM) *IMIDAZOLES
(NO) structure given in first source

MPV-207 see MPV 207

MPV 295
(RN) 79928-22-6
(SY) MPV-295
(SY) 4(5)-2-(2,6-dimethylphenyl)ethylimidazole
(HM) *IMIDAZOLES
(PA) ANTIHYPERTENSIVE AGENTS
(NO) structure given in first source

MPV-295 see MPV 295

MP1 see membrane-associated placental tissue protein 1

MP 100013 see iogulamide

MP 10013 see iogulamide

MP-10013 see iogulamide

Mp10013 see iogulamide

MP-15
(SY) MP 15
(HM) *MINERALS
(HM) *AMMONIUM COMPOUNDS
(II) ANIMAL FEED
(NO) mineral-ammonium preparation fed to cattle during fattening which improves digestibility of main nutrients & assimilation of food nitrogen; contains diammonium phosphate 25.73%, sodium bicarbonate 13.36%, NaCl 8.10%, magnesium sulfate 2.7%, manganese sulfate 0.05%, zinc sulfate 0.05%, cobalt chloride 0.005% & filling (bran, coarsely ground grain) 50.0%

MP 15 see MP-15

MP 26 see main intrinisc protein (lens membrane)

MP-26 see main intrinisc protein (lens membrane)

MQDME see methylquinolinic acid, 2,3-dimethyl ester

2-MQDO see 2-methylquinoxaline 1,4-dioxide

MQF-OK
(HM) MITOMYCINS
(HM) FLUOROURACIL
(HM) PICIBANIL
(HM) CARBAZILQUINONE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

MQNO see methaqualone-1-oxide

MRA-CN see
3'-deamino-3'-(3-cyano-4-morpholinyl)doxorubicin

MraI endonuclease see endodeoxyribonuclease SacII

MR 2033 CL see MR 2034

MR-2033-CL see MR 2034

MRC OX-2 antigen
(SY) MRC OX-2 glycoprotein
(HM) *ANTIGENS, SURFACE
(II) MEMBRANE PROTEINS
(NO) neuronal membrane glycoprotein recognized by MRC OX-2 monoclonal antibody; MW 41,000 from rat brain & MW 47,000 from thymocytes

MRC OX-7 antigen see Thy-1 antigen

MRC OX-2 glycoprotein see MRC OX-2 antigen

m1-S1 ribosomal protein see ribosomal protein S1

Mr 1302 MS see MR 2266

Mr1302 MS see MR 2266

Mr 1452 MS see Mr 1452

mRNA-binding protein
(SY) mRNA transport protein
(HM) *CARRIER PROTEINS
(II) RNA, MESSENGER
(NO) concentrates in cytoplasm; needed for transport of alpha 2-globulin & albumin from rat liver nuclei to cytoplasm; MW appr. 32,000; see also record for RNA-binding proteins

mRNA cap binding proteins see RNA cap-binding proteins

mRNA capping enzyme, vaccinia virus see capping enzyme, vaccinia virus

mRNA(guanine-7-)methyltransferase
(RN) EC 2.1.1.-
(SY) RNA (guanine-7) methyltransferase
(HM) *METHYLTRANSFERASES
(NO) catalyzes transfer of methyl group from S-adenosylmethionine to 5'-terminus of POLY A RNA & unmethylated mRNA

mRNA guanylyltransferase see m-RNA Guanylyltransferase

mRNA maturase
(RN) EC 2.7.7.-
(SY) RNA, mitochondrial maturase
(HM) *NUCLEOTIDYLTRANSFERASES
(II) RNA SPLICING

mRNA, mitochondrial see mitochondrial messenger RNA

mRNA(2'-O-nucleoside)methyltransferase
(RN) EC 2.1.1.-
(HM) *METHYLTRANSFERASES

mRNA transport protein see mRNA-binding protein

mRNP see messenger ribonucleoprotein

MRZ 2663BR see methylnaltrexone

MRZ 2266 BS see MR 2266

MRZ 2549
(RN) 84774-03-8
(RR) 70223-23-3
(HCl(2R-(2alpha,3(R*),6alpha,11R*))-isomer)
(RR) 71884-82-7
(HBr(2R-(2alpha,3(S*),6alpha,11R*))-isomer)
(RR) 70172-28-0
(HCl(2R-(2alpha,3(S*),6alpha,11R*))-isomer)
(RR) 81520-83-4
((2R-(2alpha,3(S*),6alpha,11R*))-isomer)
(SY)
5,9-dimethyl-2'-hydroxy-2-(2-methoxypropyl)-6,7-benzomorphan
(HM) *BENZOMORPHANS
(NO) RN given refers to parent cpd without isomeric designation

MRZ-2663 see methylnaltrexone

Mr 1268
(RN) 59203-74-6
(RR) 73135-78-1 ((2R-(2alpha,6alpha,11R*))-isomer)
(RR) 72174-02-8
(methanesulfonate(2alpha,6alpha,11R*)-(+-)-isomer)
(RR) 52389-61-4
(methanefulfonate[1:1](2alpha,6alpha,11R*)-isomer)
(SY) 3-((2-methyl-3-furanyl)methyl)-1,2,3,4,5,6-hexahydro-6,11-dimethyl-2,6-methano-3-benzazocin-8-ol
(HM) *BENZOMORPHANS
(PA) ANALGESICS
(NO) RN given refers to parent cpd(2alpha,6alpha,11R*)-(+-)-isomer; RN for cpd without isomeric designation not in Chemline 8/84

MR 1353
(RN) 59203-73-5
(SY) MR-1353
(HM) *BENZOMORPHANS
(PA) ANALGESICS
(NO) RN given refers to (2alpha,6alpha,11R*)-(+-)-isomer; RN for cpd without isomeric designation not in Chemline 6/85; structure given in first source

MR-1353 see MR 1353

MR-1452 see Mr 1452

Mr 1452
(RN) 72656-86-1
(RR) 56649-74-2 ((2S-(2alpha,6alpha,11R*))-isomer)
(RR) 56498-83-0 ((2alpha,6alpha,11R*)—isomer)
(RR) 61849-16-9
(methanesulfonate(2R-(2alpha,6alpha,11R*))-isomer)
(RR) 67819-80-1
(methanefulfonate(2S-(2alpha,6alpha,11R*))-isomer)
(RR) 69779-18-6 ((2alpha,6alpha,11R*)-(+-)-isomer)
(RR) 56649-73-1 ((2R-(2alpha,6alpha,11R*))-isomer)
(SY) Mr1452
(SY) MR-1452
(SY) Mr 1453
(SY) Mr1453
(SY) Mr-1453
(SY)
alpha-5,9-dimethyl-2-(3-furylmethyl)-2'-hydroxy-6,7-benzomorphan
(SY) Mr 1452 MS
(SY) furylmethylnormetazocine
(HM) *BENZOMORPHANS
(PA) NARCOTIC ANTAGONISTS
(PA) MORPHINE/antag
(PA) ENDORPHINS/antag
(NO) RN given refers to cpd with unspecified stereochemistry; cpd not in Chemline 7/11/83

Mr1452 see Mr 1452

Mr1453 see Mr 1452

Mr 1453 see Mr 1452

Mr-1453 see Mr 1452

MR 20
(SY) MR-20
(SY) trypsin inhibitor MR-20
(HM) *TRYPSIN INHIBITORS
(NO) no other information available 3/83

MR-20 see MR 20

MR-2034 see MR 2034

MR 2034
(RN) 57236-85-8
(SY) 5,9-dimethyl-2'-hydroxy-2-tetrahydrofurfuryl-6,7-benzomorphan
(SY) MR-2034
(SY) MR 2033 CL
(SY) MR-2033-CL
(HM) *BENZOMORPHANS
(NO) 28 salts & isomers in Chemline

MR-2096 see MR 2096

MR 2096
(RN) 62488-49-7
(RR) 62493-10-1 ((5 alpha,17(S))-isomer)
(RR) 62509-10-8 (HCl(5 alpha,17(R))-isomer)
(RR) 62767-48-0 (HCl(5 alpha,17(S))-isomer)
(SY) (N-tetrahydrofurfuryl)noroxymorphone
(SY) MR-2096
(SY) MR-2097
(SY) MR 2097
(HM) *MORPHINANS
(PA) NARCOTIC ANTAGONISTS
(NO) RN given refers to (5alpha,17(R))-isomer; RN for cpd without isomeric designation not in Chemline 9/85

MR 2097 see MR 2096

MR-2097 see MR 2096

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MR 2266
(RN) 56649-76-4
(RR) 61849-15-8
(HCl(2alpha,6alpha,11R*)-(+-)-isomer)
(RR) 56649-75-3 ((2S-(2alpha,6alpha,11R*))-isomer)
(RR) 38047-83-5 ((2alpha,6alpha,11R*)-isomer)
(RR) 52553-98-7
(methanesulfonate(2alpha,6alpha,11S*)-(+-)-isomer)
(SY) Mr1302 MS
(SY) (+/-)-2-(3-furylmethyl)-2'-hydroxy-5,9 alpha-diethyl-6,7-benzomorphan.HCl
(SY) Mr 2267
(SY) Mr2267
(SY) Mr 1302 MS
(SY) MRZ 2266 BS
(HM) *BENZOMORPHANS
(PA) MORPHINE/antag
(PA) NARCOTIC ANTAGONISTS
(NO) opiate antagonist; RN given refers to (2R-(2 alpha,6 alpha,11R*))-isomer; cpd without isomeric designation not in Chemline 7/11/83; structure

Mr 2267 see MR 2266

Mr2267 see MR 2266

MR-708 see MR 708

MR 708
(RN) 79380-99-7
(SY) amantadine acetylamino-3-phenylpropionyl ester
(SY) MR-708
(HM) AMANTADINE/*analogs
(PA) ANTIDEPRESSIVE AGENTS
(PA) PSYCHOTROPIC DRUGS

MR 714
(RN) 85209-74-1
(SY) MR-714
(SY) 2-(4-(2',4'-difluorophenyl)phenoxy)propionic acid
(HM) *PHENYL ETHERS
(PA) ANTI-INFLAMMATORY AGENTS
(NO) structure given in first source

MR-714 see MR 714

MSAAPVCK see methoxysuccinyl-alanyl-alanyl-prolyl-valine chloromethyl ketone

MSAVCK see methoxysuccinate-alanyl-alanyl-valine chloromethyl ketone

MSBT see Martius scarlet blue trichrome

MS2 coat protein
(SY) coat protein MS2, viral
(SY) viral coat protein MS2
(HM) *CAPSID

MSEL-neurophysin see neurophysin precursors

MSG gp70 see glycoprotein gp70, murine serum

MSH (4-11), acetyl-4-Nle-7-Phe-alpha- see acetylnorleucyl-glutamyl-histidyl-phenylalanyl-arginyl-tryptophyl-glycyl-lysinamide

MSH-ACTH (4-9) analog see Org 2766

MSH-ACTH (4-10) see ACTH(4-10)

MSH, N(alpha)-Bct-1-Ser-4-Nle-7-Phe-alpha-
(RN) 91295-35-1
(SY) N(alpha)-Bct-1-Ser-4-Nle-7-Phe-alpha-MSH
(SY) N(alpha)-biocytinyl-1-seryl-4-norleucyl-7-phenylalanine-alpha-MSH
(SY) MSH, N(alpha)-biocytinyl-1-seryl-4-norleucyl-7-phenylalanine-alpha-
(SY) BSNP-alpha-MSH
(HM) MSH/*analogs
(NO) potent & prolonged acting melanotropin; RN given in first source; RN not in Chemline 12/84

MSH, N(alpha)-biocytinyl-1-seryl-4-norleucyl-7-phenylalanine-alpha- see MSH, N(alpha)-Bct-1-Ser-4-Nle-7-Phe-alpha-

MSH, N(alpha)-chlorotriazinylaminofluorescein-1-Ser-4-Nle-7-Phe-alpha-
(SY) N(alpha)-chlorotriazinylaminofluorescein-1-Ser-4-Nle-7-Phe-alpha-MSH
(SY) N(alpha)-chlorotriazinylaminofluorescein-1-seryl-4-norleucyl-7-phenylalanine-alpha-MSH
(SY) MSH, N(alpha)-chlorotriazinylaminofluorescein-1-seryl-4-norleucyl-7-phenylalanine-alpha-
(SY) CF-SNP-MSH
(HM) MSH/*analogs
(HM) *FLUORESCEINS
(NO) superagonist of melanotropin; structure given in first source

MSH, N(alpha)-chlorotriazinylaminofluorescein-1-seryl-4-norleucyl-7-phenylalanine-alpha- see MSH, N(alpha)-chlorotriazinylaminofluorescein-1-Ser-4-Nle-7-Phe-alpha-

MSH, alpha, N,O-diacetylserine see MSH, post-alpha-

MSH alpha, (half-Cys(4),half-Cys(10))- see MSH, 4-half-Cys-10-half-Cys-alpha-

MSH, 13-(4-azido-Phe)alpha-
(RN) 74927-13-2
(SY) para-azidophenylalanine(13)-alpha-MSH
(SY) APMSH
(SY) 4-azidophenylalanine(13)-alpha-melanotropin
(SY) MSH, 13-(4-azidophenylalanine)-alpha-
(SY) 13-(4-azidophenylalanine)-alpha-MSH
(SY) 13-(4-azido-Phe)-alpha-MSH
(HM) MSH/*analogs
(HM) *AZIDES
(II) AFFINITY LABELS

MSH, 13-(4-azidophenylalanine)-alpha- see MSH, 13-(4-azido-Phe)alpha-

MSH, 12-Bct-1-N(alpha)-dodecanoyl-Ser-4-Nle-7-Phe-alpha-
(RN) 91311-00-1
(SY) 12-Bct-1-N(alpha)-dodecanoyl-Ser-4-Nle-7-Phe-alpha-MSH
(SY) 12-biocytinyl-1-N(alpha)-dodecanoyl-seryl-4-norleucyl-7-phenylalanine-alpha-MSH
(SY) MSH, 12-biocytinyl-1-N(alpha)-dodecanoyl-seryl-4-norleucyl-7-phenylalanine-alpha-
(SY) BDSNP-alpha-MSH
(HM) MSH/*analogs
(NO) potent & prolonged acting melanotropin; RN given in first source; RN not in Chemline 12/84

MSH, beta-(9-tyrosine)-(9-18)- see MSH, beta-(9-Tyr)-(9-18)-

MSH, beta-(9-Tyr)-(9-18)-
(RN) 75389-13-8
(SY) MSH, beta-(9-tyrosine)-(9-18)-
(SY) melanotropin, beta-(tyrosine(9))-(9-18)
(SY) beta-(9-tyrosine)-(9-18)-MSH
(SY) beta-(9-Tyr)-(9-18)-MSH
(HM) *MSH
(HM) *PEPTIDE FRAGMENTS

MSH, beta 6-8 see MSH, beta(6-8)

MSH, beta(6-8)
(RN) 85775-46-8
(SY) beta-MSH(6-8)
(SY) MSH, beta 6-8
(HM) *MSH
(HM) *PEPTIDE FRAGMENTS

MSH, 12-biocytinyl-1-N(alpha)-dodecanoyl-seryl-4-norleucyl-7-phenylalanine-alpha- see MSH, 12-Bct-1-N(alpha)-dodecanoyl-Ser-4-Nle-7-Phe- alpha-

MSH, (desacetyl)alpha- see ACTH(1-13)

MSH, 4-half-Cys-10-half-Cys-alpha-
(SY) half-Cys(4),half-Cys(10)-alpha-MSH
(SY) half-Cys(4),half-Cys(10)-alpha-melanocyte-stimulating hormone
(SY) MSH-HCHC
(SY) MSH alpha, (half-Cys(4),half-Cys(10))-
(SY) MSH, 4-half-cysteinyl-10-half-cysteine-alpha-
(SY) 4-half-cysteinyl-10-half-cysteine-alpha-MSH
(SY) 4-half-Cys-10-half-Cys-alpha-MSH
(HM) MSH/*analogs
(NO) cyclic conformationally restricted "isoteric" analog of alpha-MSH; provides melanotropin with a potency 10,000 times greater than that of native hormone in stimulating frog skin darkening; structure given in first source

MSH, 4-half-cysteinyl-10-half-cysteine-alpha- see MSH, 4-half-Cys-10-half-Cys-alpha-

MSH-HCHC see MSH, 4-half-Cys-10-half-Cys-alpha-

MSH, Lys-gamma(3)
(RN) 83310-33-2
(SY) Lys-gamma(3)-melanotropin
(SY) pro-opiomelanocortin(50-74)
(HM) *PRO-OPIOMELANOCORTIN
(HM) *PEPTIDE FRAGMENTS

MSH, 4-Nle-alpha-
(RN) 64887-70-3
(SY) (4-norleucine)alpha-MSH
(SY) (4-norleucine)alpha-melanotropin
(SY) MSH, 4-norleucine-alpha-
(SY) 4-Nle-alpha-MSH
(SY) 4-norleucine-alpha-MSH
(HM) MSH/*analogs
(NO) biologically active analog of MSH

MSH, 4-Nle-7-Phe-alpha-
(RN) 75921-69-6
(SY) 4-Nle-7-Phe-alpha-MSH
(SY) 4-norleucine-7-D-phenylalanine-alpha-melanocyte-stimulating hormone
(SY) MSH, 4-norleucyl-7-phenylalanine-alpha-
(SY) 4-norleucyl-7-phenylalanine-alpha-MSH
(HM) MSH/*analogs

MSH, 4-norleucine-alpha- see MSH, 4-Nle-alpha-

MSH, 4-norleucyl-7-phenylalanine-alpha- see MSH, 4-Nle-7-Phe-alpha-

MSH, post-alpha-
(RN) 71952-90-4
(SY) N,O-diacetylserine(1)-alpha MSH
(SY) N,O-diacetylserine(1)-alpha-melanocyte-stimulating hormone
(SY) N,O-diacetyl-Ser(1)-alpha-MSH
(SY) post-alpha-MSH
(SY) MSH, alpha, N,O-diacetylserine
(SY) N,O-diacetylserine alpha MSH
(SY) N,O-diacetyl-MSH
(HM) MSH/*analogs

MSH potentiating factor
(RN) 80434-83-9
(SY) melanotropin potentiating factor
(SY) beta lipotropin (88-91)
(SY) beta-LPH (88-91)
(SY) phenylalanyldiiodotyrosine
(SY) Phe-diiodo-Tyr
(SY) PADIT
(SY) 3,5-diiodo-N-Phe-Tyr
(SY) phenylalanyl-diiodotyrosine
(HM) *DIPEPTIDES
(NO) fragment of human beta-lipotropin (LPH 88-91)

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MSH, pro-gamma-
(SY) pro-gamma-melanotropin
(SY) pro-gamma-MSH
(SY) gamma-melanotropin precursor
(SY) melanotropin-(1-76)-peptide
(SY) N-POC(1-76)
(SY) N-terminal pro-opiocortin
(SY) pro-gamma-melanocortin
(SY) pro-opiomelanocortin N-terminal(1-76)
(SY) N-POMC
(HM) *PRO-OPIOMELANOCORTIN
(HM) *PEPTIDE FRAGMENTS
(II) MSH
(II) GROWTH SUBSTANCES
(NO) gamma MSH precursor; Trp 105-Gln 29

MSH receptor
(SY) melanotropin receptor
(SY) melanotropin receptors
(SY) MSH receptors
(SY) receptor, MSH
(SY) receptor, melanotropin
(SY) alpha-MSH receptors
(SY) alpha-melanotropin receptors
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(PA) MSH

MSH receptors see MSH receptor

MSH release inhibiting hormone receptor
(SY) prolyl-leucyl-glycinamide receptors
(SY) receptor, MSHRIH
(SY) MSH release inhibiting hormone receptors
(SY) receptor, MSH release inhibiting hormone
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) SYNAPTIC RECEPTORS
(II) MSH RELEASE INHIBITING HORMONE

MSH release inhibiting hormone receptors see MSH release inhibiting hormone receptor

MSH(11-13)
(RN) 67727-97-3
(SY) Lys-Pro-Val
(SY) L-lysyl-L-prolyl-L-valine
(HM) MSH/*analogs
(HM) *PEPTIDE FRAGMENTS
(PA) ANALGESICS, ANTI-INFLAMMATORY
(NO) RN given refers to (all-L)-isomer; RN for cpd without isomeric designation not in Chemline 12/84

MSIII see guanosine 5'-diphosphate-3'-monophosphate

MSIPL see methanesulfonyl isopropyl lactate

MSL see 4-maleimido-2,2,6,6-tetramethylpiperidinooxyl

MSMA see monomethylarsonic acid

Msp I endonuclease see endodeoxyribonuclease HpaII

MspI endonuclease see endodeoxyribonuclease HpaII

3-MSPO see 3-methoxy-5,6-secoestra-1,3,5(10),8,14-pentaene-17-one

MstII endonuclease see endodeoxyribonuclease MstII

P-MSY see hypocalcemic protein (bovine parotid gland)

MS-1-2 see MS 1-2

MS 1-2
(SY) N-(4-phenoxyethyl-1-piperazinomethyl)-1,4-benzodioxane-2-carboxamide dihydrochloride
(SY) MS-1-2
(SY) MC 1-2
(HM) *DIOXANES
(PA) ADRENERGIC ALPHA RECEPTOR BLOCKADERS
(PA) ANTIHYPERTENSIVE AGENTS
(NO) structure given in first source

MS-222 see tricaine

MS 4101 see flutazolam

MT
(HM) MITOMYCINS
(HM) TAMOXIFEN
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

MTA antigen see lymphocyte function-associated antigen

MT antigens see HLA-DR

MT3 antigen see HLA-MT antigen

MTCA see 1-methyl-1,2,3,4-tetrahydro-beta-carboline-3-carboxylic acid

99mTc-antimony sulfide colloid see technetium Tc 99m antimony sulfide

99mTc-aprotinin see technetium Tc 99m aprotinin

99mTc-ASC see technetium Tc 99m antimony sulfide

99mTc-bis(1,2-diethylphosphino)ethane see technetium Tc 99m-bis(1,2-diethylphosphino)ethane

99mTc-3-bromo-2,4,6-trimethyl-IDA see technetium Tc 99m 3-bromo-2,4,6- trimethyliminodiacetic acid

99mTc-(m-butoxy)IDA see technetium Tc 99m (meta-butoxy)iminodiacetic acid

99mTc-(o-butyl)IDA see technetium Tc 99m (ortho-butyl)iminodiacetic acid

99mTc-p-butyl IDA see technetium Tc 99m (para-butyl)iminodiacetic acid

99mTc-(p-butyl)IDA see technetium Tc 99m (para-butyl)iminodiacetic acid

99mTc-(p-butyl)iminodiacetic acid see technetium Tc 99m (para-butyl)iminodiacetic acid

99mTc-N-(p-butylphenylcarbamoylmethyl)iminodiacetic acid see technetium Tc 99m (para-butyl)iminodiacetic acid

99mTc Ca-phytate see technetium Tc 99m stannous phytate

99mTc citrate see technetium Tc 99m citrate

99mTc-citrate see technetium Tc 99m citrate

99mTc-cyton see technetium Tc 99m solcocitran

99mTc-1,2-DEPE see technetium Tc 99m-bis(1,2-diethylphosphino)ethane

99mTC-dichloro-bis(1,2-dimethylphosphino)ethane see technetium Tc 99m bis(1,2-dimethylphosphino)ethane

99mTc-diethyl acetanilide iminodiacetic acid see technetium Tc 99m diethyl IDA

99mTC-(2,6-diethylacetanilide)iminodiacetic acid see technetium Tc 99m diethyl IDA

99mTc-diethyl-IDA see technetium Tc 99m diethyl IDA

99mTc-diethyl IDA see technetium Tc 99m diethyl IDA

99mTc-N-(2,6-diethylphenylcarbamoylmethyl) iminodiacetic acid see technetium Tc 99m diethyl IDA

99mTc-(diisopropylphenylcarbamoylmethyl)iminodiacetic acid see technetium Tc 99m disofenin

99mTc-dimethylamino diphosphonate see technetium Tc 99m dimethylaminodiphosphonate

99mTc-diphosphonate see technetium Tc 99m diphosphonate

99mTc-disofenin see technetium Tc 99m disofenin

99mTc(DMPE)2Br2 see technetium Tc 99m bis(1,2-dimethylphosphino)ethane

99mTc-DMPE see technetium Tc 99m bis(1,2-dimethylphosphino)ethane

99mTc-DPD see technetium Tc 99m 1,1-diphosphonopropane-2,3- dicarboxylic acid

99mTc-glucoheptonate see technetium Tc 99m gluceptate

99mTc-gluconate see technetium Tc 99m gluconate

99mTc-HDP see technetium Tc 99m hydroxymethylene diphosphonate

99mTc-HEDP see technetium Tc 99m etidronate

99mTc-(o-hexyloxy)IDA see technetium Tc 99m (ortho-hexyloxy)iminodiacetic acid

99mTc-(p-hexyloxy)IDA see technetium Tc 99m (para-hexyloxy)iminodiacetic acid

99mTc-HIDA see technetium Tc 99m lidofenin

99mTc-imidodiphosphate see technetium Tc 99m-imidodiphosphate

99mTc-iron-ascorbic acid see technetium Tc 99m iron-ascorbic acid

99mTc-noramidopyrine see technetium Tc 99m-4-methylaminophenazone

99mTc-oxin see technetium Tc 99m 8-hydroxyquinoline

99mTc-PAEP see technetium Tc 99m N-phosphorylaminoethyl phosphate

99mTc-paraisopropyl acetanilido IDA see technetium Tc 99m PIPIDA

MTCPCA see 4-(3-(2,6,6-trimethyl-1-methyl-1-cyclohexen-1-yl)-2-(propenylidene)-2-cyclohepten-1-ylidene)acetaldehyde

MTCPCE see 4-(1-methyl-3-(2,6,6-trimethyl-1-cyclohexen-1-yl)-2-(propenylidene)-2-cyclohepten-1-ylidene)ethanol

99mTc-phosphomycin see technetium Tc 99m phosphomycin

99mTc-PI see technetium Tc 99m pyridoxylideneisoleucine

99mTc-plasmin see technetium Tc 99m plasmin

99mTc-PMT see technetium Tc 99m pyridoxyl-5-methyltryptophan

99mTc-PnAO see technetium Tc 99m propylene amine oxime

99mTc-3,3'-(1,3-propanediyldiimino)bis(3-methyl-2-butanone)dioxime see technetium Tc 99m propylene amine oxime

99mTc-PTBIDA see technetium Tc 99m (para-tert-butyl)iminodiacetic acid

99mTc-PYP see technetium Tc 99m pyrophosphate

99mTc-pyridoxylidenephenylalanine see technetium Tc 99m pyridoxylphenylalanine

99mTc-pyrophosphate see technetium Tc 99m pyrophosphate

99mTc pyrophosphate see technetium Tc 99m pyrophosphate

99mTc-pyrrolidinomethyltetracycline see technetium Tc 99m rolitetracycline

99mTc-(Re)-S see technetium Tc rhenium-sulfur colloid

99mTc-rhenium colloid see technetium Tc 99m rhenium colloid

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99mTc-rhenium-sulfur colloid see technetium Tc rhenium-sulfur colloid

99mTc-secretin see technetium Tc 99m secretin

99mTc-(Sn)-S colloid see technetium Tc 99m tin-sulfur colloid

99mTc-Sn-DTPA see technetium Tc 99m-Sn-DTPA

99mTc-Sn-gluconate see technetium Tc 99m tin gluconate

99mTc(Sn)HEDP see technetium Tc 99m (Sn) etidronate

99mTc-Sn macroaggregated albumin see technetium Tc 99m-Sn aggregated albumin

99mTc-Sn-MDP see technetium Tc 99m (Sn)methylenediphosphonate

99mTc-Sn-medronate see technetium Tc 99m (Sn)methylenediphosphonate

99mTc-Sn-polyphosphate see technetium Tc 99m tin polyphosphate

99mTc-(Sn)-pyridoxylidenetryptophan see technetium Tc 99m (Sn)-pyridoxylidenetryptophan

99mTc-(Sn)-P.Trp see technetium Tc 99m (Sn)-pyridoxylidenetryptophan

99mTc-TAPC see technetium-Tc 99m-tetraaminophthalocyanine

99mTc-(p-tert-butyl)IDA see technetium Tc 99m (para-tert-butyl)iminodiacetic acid

99mTc-1,4,8,11-tetraazacyclotetradecane see technetium Tc 99m cyclam

99mTc-1,4,8,11-tetraazaundecane see technetium Tc 99m 1,4,8,11-tetraazaundecane

99mTc-tin-albumin see technetium Tc 99m-Sn aggregated albumin

99mTc-tin-gluconate see technetium Tc 99m tin gluconate

99mTc-TNPC see technetium Tc 99m-tetranitrophthalocyanine

99mTc-tris-DMPE see technetium Tc 99m tris(1,2-bis(dimethylphosphino) ethane)

MTCVK see methyltrichlorovinylketone

MTDQ see 6,6'-methylene bis(2,2,4-trimethyl-1,2-dihydroquinoline)

MTDQ-DA see 6,6'-methylenebis(2,2-dimethyl-4-methanesulfonic acid-1,2-dihydroquinoline)

99mtechnetium diphosphonate see technetium Tc 99m diphosphonate

99mtechnetium glucoheptonate see technetium Tc 99m gluceptate

99mtechnetium-pyridoxylidene-isoleucine see technetium Tc 99m pyridoxylideneisoleucine

99mtechnetium-tin-methylene-diphosphonate see technetium Tc 99m (Sn)methylenediphosphonate

MTF protocol
(HM) MITOMYCINS
(HM) TAMOXIFEN
(HM) FLUOXYMESTERONE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds; used in treatment of breast neoplasms

5'-MTF see 5'-methylthioformycin

MTGT-Pit see mammary tumor cell growth factor, pituitary

MTH-DNA glycosidase see O(2)-methylthymine-DNA glycosidase

MTH-DNA methyltransferase see O(4)-methylthymine-DNA methyltransferase

5,10-MTHFPG see 5,10-methylenetetrahydrofolate polyglutamate

3-MTHF see 3-O-methylcatechin

5,11-MTHF see 5,11-methenyltetrahydrohomofolate

MTHMPT see 5,10-methenyl-5,6,7,8-tetrahydromethanopterin

MTHPTPGL see methylenetetrahydropteroylpolyglutamate

MTHPU see methyl 2,3,6-trideoxy-alpha-glycero-hex-2-enopyranosid-4-ulose

M241 thymocyte differentiation antigen see differentiation antigens, T lymphocyte

MTIC see NSC 407347

mTMP see O(4)-methylthymidine monophosphate

MTOP see 5-((5-methyl-3-thienyl)oxy)-2(1H)-pyrimidinone

6-MTPC see 6-methyl-N-(1H-tetrazol-5-yl)-2-pyridinecarboxamide

MT Peptide
(SY) Glu-Glu-Glu-Glu-Tyr-Pro-Met-Glu
(SY) glutamyl-glutamyl-glutamyl-glutamyl-tyrosyl-prolyl-methionyl-glutamic acid
(HM) *OLIGOPEPTIDES
(PA) N-FORMYL-METHIONYL-LEUCYL-PHENYLALANINE/antag
(NO) inhibitor of FMLP-stimulated leukocyte chemotaxis

MTP-PE see acetylmuramyl-alanyl-isoglutaminyl-alanyl-phosphatidylethanolamine

MTP-3 see tear proteins

1-P-MTR see 5'-methylthioribose 1-phosphate

Mts-tryptophan see 2-amino-3-((N-2,4,6-trimethylbenzenesulfonyl)indole) propionic acid

MTTCH see (methyl 2,3,6-trideoxy-alpha-talopyranosido)-(3,2-d)-2-cyclohexanone

mTTP see O(4)-methylthymidine triphosphate

MTT tetrazolium see thiazolyl blue

MTX-CF
(HM) METHOTREXATE
(HM) CITROVORUM FACTOR
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol containing above 2 cpds

MTX-F see PT 430

MTX-HSA see methotrexate-serum albumin

MTX-OHS see methotrexate N-hydroxysuccinimide ester

MT 141
(RN) 75481-73-1
(RR) 84305-41-9 (duplicate RN)
(SY) MT-141
(HM) *CEPHAMYCINS
(NO) structure in UD

MT-141 see MT 141

MT 14-411 see cloxazolam

D-65MT see alprazolam

MUABG see 4-MU-Glc-NAc

4-MUACT see 4-methylumbelliferyl-N-acetylchitotetraoside

4-MU-alpha-glucoside see 4-methylumbelliferyl glucoside

4-MUAMPD see 4-methylumbelliferyl-alpha-D-mannopyranoside

4-MUB-casein see 4-methylumbelliferyl-casein

4-MUBF-GP see 4-methylumbelliferyl-galactopyranoside

4-MUB-galactosidase see 4-methylumbelliferyl-beta-galactosidase

4-MUBG see 4-methylumbelliferyl glycosides

4-MUBI see 4-methylumbelliferyl alpha-L-iduronide

4MUBM see 4-methylumbelliferyl-beta-D-mannopyranoside

4-MUB oleate hydrolase see 4-methylumbelliferyl acyl ester hydrolase

mucana lectin see Dioclea grandiflora lectin

muchozol
(RN) 73807-31-5
(SY) muchozol extra E
(HM) *METHOXYCHLOR
(HM) *PYRETHRINS
(HM) DRUG COMBINATIONS
(PA) INSECTICIDES, ORGANOCHLORINE
(II) AIR POLLUTANTS, OCCUPATIONAL
(NO) RN given for muchozol; muchozol extra E contains methoxychlor, pyrethroid, & a synergetic agent

muchozol extra E see muchozol

mucic acid see galactaric acid

mucicarmine
(RN) 51395-97-2
(HM) *DYES
(II) STAINS AND STAINING
(NO) no other information available 6/3/81

mucidermin see mucidin

mucidin
(RN) 52110-55-1
(SY) mucidermin
(SY) strobilurin A
(HM) ALKENES
(PA) ANTIBIOTICS, ANTIFUNGAL
(NO) produced by basidiomycete Oudemansiella mucida

mucinase see hyaluronate lyase

mucoid exopolysaccharide (P aeruginosa)
(SY) MEP-PA
(HM) *MUCOPOLYSACCHARIDES
(II) POLYSACCHARIDES, BACTERIAL
(II) PSEUDOMONAS AERUGINOSA
(NO) found in patients with cystic fibrosis; consists mainly of uronic acid

muconaldehyde
(RN) 3249-28-3
(HM) *ALDEHYDES
(NO) potential toxic intermediate in benzene metabolism; structure given in first source

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muconate cycloisomerase
(RN) EC 5.5.1.1
(RR) 9023-72-7 (CRN)
(SY) cis,cis-muconate lactonizing enzyme
(SY) ci, cis-muconate cyclase
(HM) *ISOMERASES

cis,cis-muconate lactonizing enzyme see muconate cycloisomerase

muconic acid
(RN) 505-70-4
(HM) *SORBIC ACID/analogs
(NO) structure

muconolactone
(RN) 6666-46-2
(RR) 86885-56-5 (5-(2)H-labeled cpd)
(HM) *LACTONES
(NO) RN given refers to unlabeled parent cpd; structure given in first source

muconolactone delta-isomerase
(RN) EC 5.3.3.4
(HM) *ISOMERASES
(NO) catalyzes the conversion of 4-hydroxy-4-carboxymethylisocrotonolactone to 3-oxoadipate enol-lactone; minor descriptor (75-83); on-line & Index Medicus search ISOMERASES (75-83)

muconomycin A
(RN) 3148-09-2
(SY) NSC 126,728
(SY) verrucarin A
(HM) TRICHOTHECENES
(PA) ANTIBIOTICS
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(NO) structure

muconomycin B see verrucarin J

mu conotoxin GIIIA see conotoxin GIII

mu conotoxin GIIIB see conotoxin GIII

mu conotoxin GIIIC see conotoxin GIII

mucopeptides
(SY) streptococcal mucopeptide
(HM) *MUCOPROTEINS
(NO) cell wall component of most bacteria composed of carbohydrate backbone of repeating N-acetylglucosamine & N-acetylmuramic subunits to which are attached peptide sidechains

mucopolysaccharidase
(RN) 9031-30-5
(SY) thiomucase
(HM) *LYASES
(HM) *GLUCURONIDASE
(NO) mixture of an "eliminase" & a glucuronidase

muco 220
(RN) 91094-13-2
(SY) muco-220
(HM) *RESINS, SYNTHETIC
(II) DENTAL IMPRESSION MATERIALS
(NO) wax-resin thermoplastic impression material

muco-220 see muco 220

mucrotoxin A see Trimeresurus mucrosquamatus venom

mucus glycoprotein acyltransferase see palmitoyl CoA glycoprotein acyltransferase

4-MUGAGA see 4-methylumbelliferyl-galactosyl(1-3)-N-acetylgalactosaminide

MUGB see 4-methylumbelliferylguanidinobenzoate

Mu-GlcNAcS see 4-methylumbelliferyl-6-sulfo-2-acetamido-2-deoxy-beta-glucopyranoside

4-MU-Glc-NAc
(RN) 37067-30-4
(SY) 4-methylumbelliferyl 2-acetamido-2-deoxy-beta-D- glucopyranoside
(SY) 4-methylumbelliferyl-N-acetyl-beta-glucosamine
(SY) MUABG
(SY) 4-methylumbelliferyl 2-acetamido-2-deoxy-alpha-D-glucopyranoside
(HM) *HYMECROMONE/analogs
(HM) GLUCOSAMINE/*analogs
(NO) RN given refers to (beta)-isomer

4-MU-glucoside see 4-methylumbelliferyl glucoside

4MUGS see 4-methylumbelliferyl-6-sulfo-2-acetamido-2-deoxy-beta-glucopyranoside

4-MUG see 4-methylumbelliferyl glucuronide

mu HCD protein BOT see heavy chain disease protein BOT

muiridin
(HM) *FUNGAL PROTEINS
(II) BASIDIOMYCETES
(NO) spore-specific protein of fungus Botryodiplodia theobromae; MW 16,000-17,000

muldamine
(RN) 36069-45-1
(SY) 5-veratramine-3 beta,11 alpha-diol-11-acetate
(HM) *VERATRUM ALKALOIDS

anti-mullerian factor see mullerian-inhibiting hormone

anti-mullerian hormone see mullerian-inhibiting hormone

mullerian inhibiting hormone see mullerian-inhibiting hormone

mullerian-inhibiting hormone
(SY) anti-mullerian hormone
(SY) mullerian regression factor
(SY) mullerian inhibiting substance
(SY) mullerian inhibiting hormone
(SY) anti-mullerian factor
(HM) *TESTICULAR HORMONES
(II) MULLERIAN DUCTS
(NO) synthesized by fetal testis, seminiferous tubules; incompletely characterized protein

mullerian inhibiting substance see mullerian-inhibiting hormone

mullerian regression factor see mullerian-inhibiting hormone

mulsal
(RN) EC 3.-
(HM) *HYDROLASES
(HM) DRUG COMBINATIONS
(NO) mixture of pancreatin, papain, bromelin, trypsin, lipase, amylase & chymotrypsin

MULSTIACT receptors see insulin-like growth factor receptor

multhiomycin see nosiheptide

multienzymatic protein pyr1-3 see protein pyr1-3

multiple carboxylases, biotin responsive
(SY) BDM carboxylases
(SY) biotin-dependent multiple carboxylases
(HM) *LIGASES
(HM) *CARBOXY-LYASES
(NO) includes propionyl-CoA carboxylase (EC 4.1.1.41), methylcrotonyl-CoA carboxylase (EC 6.4.1.4) & pyruvate carboxylase (EC 6.4.1.1); deficiency disease may be due to impaired holocarboxylase synthetase or impaired biotin absorption

multiplication-stimulating activity receptor see insulin-like growth factor receptor

multiplication-stimulating activity receptors see insulin-like growth factor receptor

MuLV gp70 see glycoprotein gp70, murine serum

mumie
(RN) 12633-76-0
(SY) mummie
(HM) *RESINS
(NO) resin-like substance containing micronutrients, urea, hippuric acid

mummie see mumie

4MU-NANA see 2'-(4-methylumbelliferyl)-alpha-D-N-acetylneuraminic acid

Mundisal see choline salicylate

mung bean nuclease see endonuclease S1 (Aspergillus)

4-MUPC see 4-methylumbelliferyl phosphorylcholine

mupirocin see pseudomonic acid

MUpMU see bis-(4-methylumbelliferyl)phosphate

4-MUPPH see 4-methylumbelliferyl phenylphosphonate

Mu A protein see gene proteins, viral

MUPS see major urinary proteins

4MUpT see 4-methylumbelliferyl thymidine 5'-phosphate

MUP1 see major urinary proteins

MUP2 see major urinary proteins

MUP3 see major urinary proteins

murabutide see N-acetylmuramyl-alanylglutamine-n-butyl ester

muracein A
(HM) ACETYLMURAMYL-ALANYL-ISOGLUTAMINE/*analogs
(PA) KININASE II/antag
(NO) from Norcardia orientalis; structure given in first source

muracein B
(HM) ACETYLMURAMYL-ALANYL-ISOGLUTAMINE/*analogs
(PA) KININASE II/antag
(NO) from Norcardia orientalis; structure given in first source

muracein C
(HM) ACETYLMURAMYL-ALANYL-ISOGLUTAMINE/*analogs
(PA) KININASE II/antag
(NO) from Norcardia orientalis; structure given in first source

murametide see N-acetylmuramyl-alanylglutamine methyl ester

muramoyl-Ala-iso-Gln see muramoyl-alanylisoglutamine

muramoyl-alanylisoglutamine
(RN) 81655-72-3
(RR) 78392-23-1 (mono-HCl)
(SY) muramoyl-L-alanyl-D-isoglutamine
(SY) muramoyl-Ala-iso-Gln
(HM) ACETYLMURAMYL-ALANYL-ISOGLUTAMINE/*analogs
(NO) RN given refers to parent cpd

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muramoyl-L-alanyl-D-isoglutamine see muramoyl-alanylisoglutamine

muramyl dipeptide butyl ester see N-acetylmuramyl-alanylglutamine-n-butyl ester

muramyl dipeptide-glyceryldipalmitate see 1-(N-acetylmuramyl-alanyl-isoglutaminyl)-2,3-dipalmitoyl-sn-glycerol

muramyl tripeptide

(RN) 64374-58-9
(SY) acetylmuramyl-alanyl-isoglutaminyl-meso-2,2'-diaminopimelic acid
(SY) Ac-Mur-L-Ala-gamma-D-Gln-meso-A(2)pm
(SY) AcMu-Ala-iso-Gln-meso-2,2'-diaminopimelic acid
(HM) ACETYLMURAMYL-ALANYL-ISOGLUTAMINE/*analogs

muramyl tripeptide phosphatidylethanolamine see acetylmuramyl-alanyl-isoglutaminyl-alanyl-phosphatidylethanolamine

mu receptor

(SY) mu receptors
(SY) receptor, mu
(HM) *RECEPTORS, ENDORPHIN
(NO) morphine is a prototype agonist to the mu receptor

mu receptors see mu receptor

murein-DD-endopeptidase

(RN) EC 3.4.99.-
(HM) *PEPTIDE PEPTIDOHYDROLASES

murein-murein-6-muramyltransferase (internal cyclizing) see murein transglycosylase

murein transglycosylase

(RN) EC 2.4.99.-
(SY) murein-murein-6-muramyltransferase (internal cyclizing)
(HM) *TRANSFERASES
(NO) converts glycosidic bond between N-acetylmuramic acid & N-acetylglucosamine into an internal 1-6 anhydro N-acetylmuramyl (hemiacetal) bond in an intramolecular transglycosylation reaction

muricholic acid

(RN) 39016-49-4
(RR) 6830-03-1 ((3alpha,5beta,6alpha,7beta)-isomer)
(RR) 2393-58-0 ((3alpha,5beta,6beta,7alpha)-isomer)
(RR) 2393-59-1 ((3alpha,5beta,6beta,7beta)-isomer)
(RR) 29311-00-0 ((3alpha,5alpha,6alpha,7alpha)-isomer)
(RR) 64898-86-8 (Na salt)
(RR) 547-75-1 ((3alpha,5beta,6alpha,7alpha)-isomer)
(SY) trihdroxy-5 alpha-cholanoic acid
(SY) omega-muricholic acid
(SY) 3 alpha,6 alpha,7 beta-trihydroxy-5 beta- cholanoic acid
(SY) hyocholic acid
(SY) beta-muricholic acid
(HM) *CHOLIC ACIDS
(NO) internal standard in analysis of fecal bile acids; RN given refers to (3 alpha,5 beta)-isomer; RN for cpd without isomeric designation not in Chemline 8/9/83

murine retrovirus Pr65(gag) see gag viral proteins

murine serum glycoprotein gp70 see glycoprotein gp70, murine serum

murinoglobulin

(HM) *SERUM GLOBULINS
(PA) PROTEASE INHIBITORS
(II) MICE
(NO) MW 180,000 glycoprotein protease inhibitor from mouse plasma

muscalure

(RN) 52078-48-5
(RR) 35857-62-6 ((E)-isomer)
(RR) 27519-02-4 ((Z)-isomer)
(SY) cis-9-tricosene
(HM) *ALKENES
(II) PHEROMONES
(NO) sex attractant pheromone of housefly with formula C24H48, alkene hydrocarbon; RN given refers to cpd with unspecified stereochemistry; structure

muscarine (dye)

(RN) 6363-82-2
(SY) 9-(dimethylamino)-2-hydroxybenzo(a) phenazoxonium chloride
(HM) *OXAZINES
(II) DYES
(NO) this cpd is a dye; do not confuse with the alkaloid muscarine

muscarone

(RN) 4780-69-2
(RR) 71788-06-2 ((cis-(+-))-isomer)
(RR) 34964-91-5 (iodide(2S-cis)-isomer)
(RR) 7524-73-4 (iodide(+-)-isomer)
(HM) MUSCARINE/*analogs
(PA) PARASYMPATHOMIMETICS
(NO) RN given refers to (2S-cis)-isomer

muscle M-line protein see myomesin

muscle Z protein see Z-protein (muscle)

muscle relaxing factor

(RN) 9008-44-0
(SY) M-B factor
(SY) Marsh-Bendall factor
(SY) relaxing factor
(SY) MB factor
(HM) *MUSCLE PROTEINS
(NO) major descriptor (66-85); minor descriptor (64-66); on-line search MUSCLE PROTEINS (66-85); Index Medicus search MUSCLE RELAXING FACTOR (66-85)

muscogene

(RN) 40785-62-4
(SY) 3-oxabicyclo(10.3.0)pentadec-6-ene
(HM) *BICYCLO COMPOUNDS
(II) INSECT REPELLENTS

muscone

(RN) 541-91-3
(SY) 3-methylcyclopentadecanone
(SY) DL-3-methylcyclopentadecanone
(HM) *CYCLOPARAFFINS
(NO) structure in first source

musettamycin

(RN) 63710-09-8
(HM) NAPHTHACENES
(PA) ANTIBIOTICS
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) pyrromycinone glycoside isolated from bohemic acid complex; structure in third source

musk

(RN) 123-69-3
(SY) 16-hydroxy-7-hexadecenoic acid, omicron-lactone
(HM) *FATTY ACIDS, UNSATURATED
(II) ODORS
(NO) pure essence from secretion of preputial follicles of Moschus moschiferus L.

musk ambrette (artificial)

(RN) 83-66-9
(SY) 2-methoxy-3,5-dinitro-4-methyl-t-butylbenzene
(HM) *DINITROBENZENES
(II) PERFUME
(NO) widely used fragrance implicated in contact photosensitivity; structure

musk tibetine

(RN) 145-39-1
(SY) 2,6-dinitro-3,4,5-trimethyl-tert-butylbenzene
(HM) *DINITROBENZENES
(II) PERFUME
(NO) in contrast to other musk cpds this cpd does not cause allergic photocontact dermatitis; structure given in first source

mustard oil

(RN) 8007-40-7
(HM) *PLANT EXTRACTS
(II) MUSTARD

mutalomycin

(RN) 62618-08-0
(HM) *NIGERICIN/analogs
(NO) structure

mutanase see exo-1,3-alpha-glucanase

mutanolysin

(RN) EC 3.4.99.-
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) degrades peptidoglycans at beta 1,4 linkage between N-acetylmuramic acid & N-acetylglucosamine

mutan synthetase

(RN) EC 2.4.1.-
(SY) mutansynthetase
(HM) *GLUCOSYLTRANSFERASES
(NO) Streptococcus mutans enzyme synthesizes water-insoluble glucan with mainly alpha-1,3 linkages

mutansynthetase see mutan synthetase

mutarotase see aldose 1-epimerase

mutastein

(HM) *FUNGAL PROTEINS
(PA) GLUCOSYLTRANSFERASES/antag
(NO) glucosyltransferase inhibitor from Aspergillus terreus containing 85% protein & 6.5% carbohydrate; inhibits glucan synthesis by Strep mutans

4-MUT-5-P see 4-methylumbelliferyl thymidine 5'-phosphate

MVAP kinase see phosphomevalonate kinase

MVDCS see dichloromethylvinylsilane

MVI-12

(RN) 82640-01-5
(SY) MVI 12
(HM) *VITAMINS
(NO) vitamin preparation used in parenteral nutrition; meets NAG recommendations for parental vitamins

MVI 12 see MVI-12

MVP

(HM) MITOMYCINS
(HM) VINBLASTINE
(HM) PROGESTERONE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds; used in treatment of advanced ovarian cancer; do not confuse with MVP II which consists of mitomycin, vinblastine & cisplatin

trans-MVP see (2'-methoxyvinyl)pyrene

MVP II

(HM) MITOMYCINS
(HM) VINBLASTINE
(HM) CISPLATIN
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above 3 cpds; do not confuse with MVP which consists of mitomycin, vinblastine & progesterone

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MVPP
(HM) MECHLORETHAMINE
(HM) VINBLASTINE
(HM) PROCARBAZINE
(HM) PREDNISOLONE
(PA) ANTINEOPLASTIC AGENTS, COMBINED

MV protocol
(SY) MV-protocol
(HM) MITOMYCINS
(HM) VINBLASTINE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds; used in treatment of bronchogenic carcinoma

MV-protocol see MV protocol

MVVPP
(HM) MECHLORETHAMINE
(HM) VINCRISTINE
(HM) VINBLASTINE
(HM) PREDNISONE
(HM) PROCARBAZINE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above 5 cpds

MV 678 see AI 3-36206

mycaminosyltylonolide
(RN) 61257-02-1
(HM) *LEUCOMYCINS
(NO) structure given in first source

mycarose
(RN) 6032-92-4
(RR) 6752-46-1 ((D-ribo))-isomer)
(SY) 3-epi-axenose
(SY) 2,6-dideoxy-3-C-methyl-ribo-hexose
(SY) 2,6-dideoxy-3-C-methyl-lyxo-hexose
(HM) *HEXOSES
(NO) RN given refers to (L-ribo)-isomer; RN for cpd without isomeric designation not in Chemline 8/85; structure given in first source; mycarose refers to ribo & & epi-axenose to lyxo configeration

mycarosylprotylonolide see CC-1065

5-O-mycarosyltylactone see CC-1065

mycinamicin IV aglycone see mycinolide IV

mycinamicins
(HM) LACTONES
(PA) ANTIBIOTICS
(NO) macrolide antibiotics from culture broth of Micromonospora griseorubida sp. nov.; structure given in first source

mycinolide IV
(RN) 77704-61-1
(SY) mycinamicin IV aglycone
(HM) *LACTONES
(NO) aglycone of antibiotic mycinamicin IV; structure given in first source

mycobacidin
(RN) 539-35-5
(SY) 4-oxo-thiazolidinehexanoic acid
(SY) actithiazic acid
(SY) acidomycin
(HM) THIAZOLES
(HM) CAPROATES
(PA) ANTIBIOTICS, ANTITUBERCULAR
(PA) ANTIBIOTICS
(NO) structure

mycobacillin synthetase
(RN) EC 6.3.2.-
(HM) *PEPTIDE SYNTHETASES
(NO) requires ATP and Mg; is inhibited by sulfhydryl reagents

mycobacterial lipase inhibitors
(SY) MLI
(HM) BACTERIAL PROTEINS
(PA) LIPASE/antag
(NO) four MLIs were isolated having MWs of 150,000, 62,000, 29,000 & 600,000 respectively

Mycobacterium tuberculosis antigen 5
(SY) BCG antigen 5
(HM) *TUBERCULIN

mycobactin
(RN) 1400-46-0
(SY) mycobactins
(SY) mycobactin (M)
(HM) *OXAZOLES
(II) IRON CHELATES
(II) GROWTH SUBSTANCES
(NO) cell wall iron transporting growth factor from Mycobacterium tuberculosis; RN given refers to cpd with unknown MF; other RN's in Chemline: 1264-66-0; 28338-75-2; 28338-74-1; 26769-11-9

mycobactin (M) see mycobactin

mycobactin S
(RN) 26769-11-9
(HM) *OXAZOLES
(II) IRON CHELATES

mycobactins see mycobactin

mycocerein
(RN) 94700-82-0
(HM) OLIGOPEPTIDES
(PA) ANTIBIOTICS, ANTIFUNGAL
(NO) isolated from Bacillus cereus; composed of aspartic acid, serine, glutamic acid, leucine, tyrosine, proline and an unknown amino acid in a ratio of 2:1:1:1:1:1:1

mycocerosic acid
(RN) 5691-98-5
(SY) 2,4,6,8-tetramethyloctacosanoic acid
(HM) *FATTY ACIDS
(NO) found in sputum of patients with pulmonary tuberculosis

Mycocerosic acid, diester with phthiocerol see phthiocerol dimycocerosate

mycocerosic acid synthase
(RN) EC 2.3.1.-
(HM) *ACYLTRANSFERASES
(NO) elongates n-fatty acyl CoA specifically with methylmalonyl-CoA

Myco-Decidin see VUFB 7477

mycodextran see glucan rigeran

mycogeptin see mycoheptin

mycoheptin
(RN) 12609-89-1
(SY) mycogeptin
(HM) POLYENES
(PA) ANTIBIOTICS, ANTIFUNGAL
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) Russian drug; from Streptoverticillium mycoheptinicum

mycolases
(RN) EC 3.2.1.-
(HM) *GLYCOSIDE HYDROLASES
(PA) ANTIFUNGAL AGENTS
(NO) mixtures of enzymes of fungal origin containing various glycoside hydrolases including chitinase & laminarinase

mycolog
(SY) mycolog cream
(HM) *NYSTATIN
(HM) *GRAMICIDINS
(HM) *NEOMYCIN
(HM) *TRIAMCINOLONE ACETONIDE
(HM) DRUG COMBINATIONS
(NO) combination of the above three cpds; contains also ethylenediamine as stabilizer; this cpd & the perfume base in the cream are the most likely candidates for the contact dermatitis observed from the use of this cream

mycolog cream see mycolog

mycoloyl-N-acetylmuramyl-alanylisoglutamine
(SY) 6-O-mycoloyl-N-acetylmuramyl-L-alanyl-D-isoglutamine
(SY) mycoloyl-N-acetylmuramyldipeptide
(SY) mycoloyl-N-acetylmuramyl-L-alanyl-D-isoglutamine
(SY) mycoloyl-N-AcMu-Ala-iso-Gln
(HM) ACETYLMURAMYL-ALANYL-ISOGLUTAMINE/*analogs
(II) ADJUVANTS, IMMUNOLOGIC

mycoloyl-N-acetylmuramyl-L-alanyl-D-isoglutamine see mycoloyl-N-acetylmuramyl-alanylisoglutamine

6-O-mycoloyl-N-acetylmuramyl-L-alanyl-D-isoglutamine see mycoloyl-N-acetylmuramyl-alanylisoglutamine

mycoloyl-N-acetylmuramyldipeptide see mycoloyl-N-acetylmuramyl-alanylisoglutamine

mycoloyl-N-AcMu-Ala-iso-Gln see mycoloyl-N-acetylmuramyl-alanylisoglutamine

mycoplanecin A
(RN) 72993-51-2
(HM) PEPTIDES
(PA) ANTIBIOTICS
(NO) from Actinoplanaceae; structure given in first source

Mycoplasma pneumoniae receptor
(SY) Mycoplasma pneumoniae receptors
(SY) receptor, Mycoplasma pneumoniae
(HM) *RECEPTORS, IMMUNOLOGIC
(II) MYCOPLASMA PNEUMONIAE

Mycoplasma pneumoniae receptors see Mycoplasma pneumoniae receptor

mycopolycin see chlormidazole

mycoril see myocoril

mycosolon
(RN) 78232-18-5
(HM) *DEPERSOLONE
(HM) *MICONAZOLE
(HM) DRUG COMBINATIONS
(HM) *OINTMENTS
(NO) ointment containing miconazole & depersolone

Mycospor see bifonazole

mycosubtilin see mycosubtiline

mycosubtiline
(RN) 1392-60-5
(SY) mycosubtilin
(HM) LIPOPROTEINS
(PA) ANTIBIOTICS, ANTIFUNGAL
(NO) antifungal agent isolated from Bacillus subtilis which is a mixture of homologous lipopeptides

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mycotrienin I
(RN) 82189-03-5
(HM) QUINONES
(PA) ANTIBIOTICS
(NO) from Streptomyces rishiriensis; MF C36-H48-N2-O8; structure given in first source

mycotrienin II
(RN) 82189-04-6
(HM) HYDROQUINONES
(PA) ANTIBIOTICS
(NO) from Streptomyces rishiriensis; MF C36-H50-N2-O8; structure given in first source

mycotrienol I
(RN) 81904-15-6
(HM) QUINONES
(PA) ANTIBIOTICS
(NO) from Streptomyces rishiriensis T-23; structure given in first source

mycotrienol II
(RN) 84906-73-0
(HM) HYDROQUINONES
(PA) ANTIBIOTICS
(NO) from Streptomyces rishiriensis T-23; structure given in first source

mycoversilin
(RN) 88527-18-8
(HM) BENZOPYRANS
(PA) ANTIBIOTICS, ANTIFUNGAL
(NO) isolated from a mutant derivative of Aspergillus versicolor

mydecamycin see midecamycin

myelin associated glycoprotein
(SY) MAG protein
(HM) *MYELIN PROTEINS
(NO) restricted to membranes near Schwann cell cytoplasm in periaxonal regions & in Schmidt-Lanterman clefts

myelin basic protein peptide 43-88
(SY) MBPP 43-88
(HM) *ENCEPHALITOGENIC BASIC PROTEINS
(HM) *PEPTIDE FRAGMENTS

myelin basic protein peptide 45-89
(SY) MBPP 45-89
(HM) *ENCEPHALITOGENIC BASIC PROTEINS
(HM) *PEPTIDE FRAGMENTS

myelin basic protein P1
(SY) MBP P1
(HM) *ENCEPHALITOGENIC BASIC PROTEINS
(NO) from bovine PNS myelin

myelin basic protein-serum factors
(SY) MBP-SF
(HM) *BLOOD PROTEINS
(NO) found in patients with multiple sclerosis

myelin glycoprotein P(O) see PO glycoprotein

myelin protein P2 see myelin P2 proteins

myelin P2 protein, rabbit sciatic nerve see myelin P2 proteins

myelin P2 proteins
(SY) myelin P2 protein, rabbit sciatic nerve
(SY) P2 protein of PNS myelin
(SY) P2 myelin proteins
(SY) P2 protein, rabbit sciatic nerve myelin
(SY) myelin protein P2
(SY) protein P2
(SY) protein SCP
(SY) protein 422
(HM) *ENCEPHALITOGENIC BASIC PROTEINS
(NO) basic proteins localized in peripheral nerve myelin

myelin specific protein see Folch-Pi proteolipid protein

myelin specific proteolipid protein see Folch-Pi proteolipid protein

myeloid differentiation-stimulating factor see D-factor

myeloid growth-inducing protein see D-factor

myeloma antigen KMA see myeloma-associated membrane antigen KMA

myeloma-associated membrane antigen KMA
(SY) myeloma antigen KMA
(HM) *IMMUNOGLOBULINS, KAPPA CHAIN
(HM) *ANTIGENS, NEOPLASM
(II) MYELOMA PROTEINS
(II) ANTIGENS, SURFACE
(NO) identical to kappa light chains from HMy2 surface IgG; consists of two major and 3 minor components

myeloma immunoglobulin M603 see myeloma immunoglobulins

myeloma immunoglobulins
(SY) myeloma immunoglobulin S15
(SY) SAPC-15
(SY) myeloma immunoglobulin M603
(HM) *MYELOMA PROTEINS
(HM) *IMMUNOGLOBULINS

myeloma immunoglobulin S15 see myeloma immunoglobulins

myeloma protein A48
(SY) myeloma protein A 48
(HM) *MYELOMA PROTEINS
(II) CARRIER PROTEINS
(II) FRUCTANS
(NO) levan-binding myeloma protein

myeloma protein A 48 see myeloma protein A48

myeloma protein Dob
(HM) *MYELOMA PROTEINS
(HM) *IGG
(NO) human IgG1 myeloma protein

myeloma protein MOPC 173
(SY) MOPC 173
(HM) *MYELOMA PROTEINS

myeloma protein TEPC15
(SY) myeloma protein TEPC 15
(SY) myeloma protein T15
(HM) *MYELOMA PROTEINS
(II) IMMUNOGLOBULIN IDIOTYPES

myeloma protein TEPC 15 see myeloma protein TEPC15

myeloma protein T15 see myeloma protein TEPC15

myeloma protein Wis see heavy chain disease proteins

myeloma protein W3129
(HM) *MYELOMA PROTEINS
(NO) binds non-reducing branches of alpha-(1-6)dextran & has combining site that is complementary to five alpha-(1-6)-linked glucose residues

myelomonocytic antigen L1 see L1 antigen

mylanta
(RN) 39322-42-4
(SY) ditopax
(SY) mylanta II
(SY) dioval
(SY) dimalan
(HM) *MAGNESIUM HYDROXIDE
(HM) *ALUMINUM HYDROXIDE
(HM) DRUG COMBINATIONS
(HM) *SIMETHICONE
(PA) ANTACIDS
(NO) antacid contains aluminum hydroxide, magnesium hydroxide and simethicone; mylanta II contains aluminum/magnesium hydroxide mixture

mylanta II see mylanta

mylar see Lavsan

mylaxen see hexafluorenium

myocoril
(RN) 88803-36-5
(SY) mycoril
(HM) *PENTAERYTHRITOL TETRANITRATE
(HM) PYRIDOXINE/*analogs
(HM) DRUG COMBINATIONS
(NO) combination of pentaerythritol tetranitrate & pyridoxilate

myofibrillar C-protein see C-protein

myofibrillar H-protein see H-Protein, muscle

myofibrillar I-protein see I-protein, muscle

myofibrillar X-protein see X-Protein, muscle

Myoflex see trolamine salicylate

myogen
(HM) *MUSCLE PROTEINS

myoglobin nitroxide
(SY) MBNO
(SY) nitrosylmyoglobin
(HM) MYOGLOBIN/*analogs

myohemerythrin
(HM) *HEMERYTHRIN/analogs
(II) PIGMENTS
(NO) non-heme protein pigment found in the muscles of certain sipunculids

myo-inositol-1-phosphatase see 1L-myo-inositol-1-phosphatase

myo-inositol oxygenase
(RN) EC 1.13.99.1
(RR) 9029-59-8 (CRN)
(SY) inositol oxygenase
(HM) *OXYGENASES

D-myo-Inositol, 5-amino-6-O-(6-(aminomethyl)-3-((3,6-diamino-1-oxohexyl)amino)-3,4-dihydro-2H-pyran-2-yl)-2,5-dideoxy-3-O-methyl-2-(methylamino)-, (2R-cis)- see lysinomicin

myo-inositol-binding protein
(SY) inositol-binding protein
(HM) *CARRIER PROTEINS
(II) INOSITOL/metab
(NO) isolated from Pseudomonas sp.; MW 30,000; amino acid sequence established

myo-inositol 1,4-bisphosphate see inositol 1,4-bis(phosphate)

myo-inositol 2-dehydrogenase
(RN) EC 1.1.1.18
(RR) 9028-25-5 (CRN)
(SY) inositol 2-dehydrogenase
(HM) *SUGAR ALCOHOL DEHYDROGENASES

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myoinositol hexakisulfate see inositol hexasulfate

myoinositol hexasulfate see inositol hexasulfate

myo-inositol pentakis(dihydrogen phosphate) see inositol pentaphosphate

1L-myo-inositol-1-phosphatase
(RN) EC 3.1.3.25
(RR) 37184-63-7 (CRN)
(SY) 1L-myo-inositol-1-phosphate phosphohydrolase
(SY) inositol-1-phosphate phosphohydrolase
(SY) myo-inositol-1-phosphatase
(HM) *PHOSPHOMONOESTERASES

myo-inositol-1-phosphate dehydrogenase
(RN) EC 1.1.1.-
(SY) inositol-1-phosphate dehydrogenase
(HM) *SUGAR ALCOHOL DEHYDROGENASES
(NO) requires NAD+, forms ribulose 5-phosphate

1L-myo-inositol-1-phosphate phosphohydrolase see 1L-myo-inositol-1-phosphatase

myoinositol 1-phosphate
(RN) 15421-51-9
(SY) inositol 1-phosphate
(HM) *INOSITOL PHOSPHATES

myoinositol 4-phosphate
(RN) 21667-10-7
(SY) inositol 4-phosphate
(HM) *INOSITOL PHOSPHATES
(NO) RN given refers to (DL-myo)-isomer; RN for cpd without isomeric designation not in Chemline 7/85

myo-inositol triphosphate see inositol triphosphate

myo-inositol 1,4,5-triphosphate phosphatase
(RN) EC 3.1.-
(SY) I-P3ase
(HM) *PHOSPHATASES
(NO) neutral pH optimum; magnesium dependent

myolastan see tetrazepam

myoloid-associated surface antigen see 3-fucosyl-N-acetyllactosamine

myomesin
(SY) muscle M-line protein
(SY) M-protein (muscle)
(SY) M-line 165-kd protein
(SY) M-line 185-kd protein
(HM) *MUSCLE PROTEINS
(NO) protein from M-band of skeletal muscle; 165,000-dalton

myosin alkali light chain 1 see myosin subfragments

myosin heavy chain kinase
(RN) EC 2.7.1.-
(HM) *PHOSPHOTRANSFERASES, ATP

myosin LCK see myosin light chain kinase

myosin light chain kinase
(RN) EC 2.7.1.-
(SY) myosin LCK
(HM) *PROTEIN KINASES
(NO) catalyzes transfer of gamma phosphate of ATP to a single serine residue; an aspect of EC 2.7.1.37, protein kinase; requires Ca & calmodulin

myosin light chain phosphatase
(RN) EC 3.1.3.-
(SY) myosin phosphatase
(SY) smooth muscle phosphatase I
(SY) smooth muscle phosphatase II
(HM) *PHOSPHOPROTEIN PHOSPHATASES

myosin phosphatase see myosin light chain phosphatase

myosin rod see myosin subfragments

myosin subfragments
(SY) myosin subfragment 1
(SY) myosin S-1
(SY) myosin S-2
(SY) myosin subfragment 2
(SY) actomyosin subfragment-1
(SY) myosin alkali light chain 1
(SY) myosin rod
(SY) L2-deficient myosin
(HM) *MYOSIN
(HM) *PEPTIDE FRAGMENTS
(NO) subfragment 1 produced by chymotryptic digestion of myosin; S-1 is globular head; fibrous tail or rod is 2 stranded alpha-helical rope

myosin subfragment 1 see myosin subfragments

myosin subfragment 2 see myosin subfragments

myosin S-1 see myosin subfragments

myosin S-2 see myosin subfragments

myotoxin A
(RN) 63440-27-7
(HM) *CROTALID VENOMS

myrcene
(RN) 123-35-3
(HM) *TERPENES
(NO) found in oil of bay, verbenea, hops and others; monoterpene present in pine trees acting as hosts for Ips beetles; vapors induce biosynthesis of pheromones in the beetles; structure

myricanol
(RN) 33606-81-4
(HM) *TERPENES
(II) PLANTS, MEDICINAL
(NO) from stem bark of Myrica rubra; RN given for (R)-isomer; RN for cpd without isomeric designation not in Chemline 8/84; structure given in first source

myricanol-15-glucoside
(RN) 90052-02-1
(HM) *TERPENES
(II) PLANTS, MEDICINAL
(NO) diarylheptanoid glucoside from stem bark of Myrica rubra; RN given for (R)-isomer; RN for cpd without isomeric designation not in Chemline 8/84; structure given in first source

myricanone
(RN) 32492-74-3
(HM) *TERPENES
(II) PLANTS, MEDICINAL
(NO) from stem bark of Myrica rubra; structure given in first source

myricetin
(RN) 529-44-2
(SY) 3,5,7-trihydroxy-2-(3,4,5-trihydroxyphenyl)-4H-1-benzopyran-4-one
(HM) *FLAVONES
(NO) structure given in first source

myristate see myristic acid

myristic acid
(RN) 544-63-8
(RR) 20336-96-3 (Li salt)
(RR) 17029-30-0 (1-(14)C-labeled cpd)
(RR) 16260-27-8 (Zn salt)
(RR) 15284-51-2 (Ca salt)
(RR) 14796-94-2 (Sr salt)
(RR) 13429-27-1 (K salt)
(RR) 10196-67-5 (Cd salt)
(RR) 10196-66-4 (Ba salt)
(RR) 4086-70-8 (Mg salt)
(RR) 822-12-8 (Na salt)
(RR) 20403-41-2 (Pb salt)
(SY) myristate
(SY) tetradecanoic acid
(HM) *MYRISTIC ACIDS
(NO) RN given refers to parent cpd

myristicin
(RN) 607-91-0
(SY) 5-allyl-1-methoxy-2,3-(methylenedioxy)benzene
(HM) *DIOXOLANES
(NO) structure

1-O-myristoyl-2-acetyl-glycerol
(SY) 1-MAG
(HM) *DIGLYCERIDES

1-myristoyl-2-(2-azido-4-nitrobenzoyl)-sn-glycero-3-phosphocholine
(SY) PL II
(HM) *PHOSPHATIDYLCHOLINES
(HM) *AZIDES
(II) AFFINITY LABELS

1-myristoyl-2-(12-N-(4-azido-2-nitrophenyl)aminodod ecanoyl)-sn-glycero-3-phosphocholine
(SY) PL I
(HM) *PHOSPHATIDYLCHOLINES
(HM) *AZIDES
(II) AFFINITY LABELS

myristoyl-CoA see S-tetradecanoyl-coenzyme A

myristoyl-coenzyme A see S-tetradecanoyl-coenzyme A

1-myristoylglycero-3-phosphorylcholine see myristoyllysophosphatidylcholine

myristoyl lysolecithin see myristoyllysophosphatidylcholine

myristoyllysophosphatidylcholine
(RN) 13699-45-1
(RR) 20559-16-4 ((R)-isomer)
(SY) myristoyl lysolecithin
(SY) 1-myristoylglycero-3-phosphorylcholine
(SY) lyso-DMPC
(SY) lysomyristoylphosphatidylcholine
(HM) *LYSOPHOSPHATIDYLCHOLINES
(NO) RN given refers to cpd without isomeric designation

1-myristoyl-2-stearoylphosphatidylcholine
(RN) 76343-22-1
(SY) 1M-2S-PC
(HM) *PHOSPHATIDYLCHOLINES
(NO) RN given in first source; RN not in Chemline 12/84

myristyl trimethylammonium bromide see tetradecyltrimethylammonium

myronate see sinigrin

myroridin K see K-582

myrosinase see thioglucosidase

myxalamid A
(RN) 86934-09-0
(SY) myxalamide A
(HM) POLYENES
(PA) ANTIBIOTICS
(II) MYXOBACTERALES
(NO) isolated from Myxococcus xanthus; structure in first source

myxalamid B
(RN) 86934-10-3
(SY) myxalamide B
(HM) POLYENES
(PA) ANTIBIOTICS
(II) MYXOBACTERALES
(NO) isolated from Myxococcus xanthus; structure in first source

myxalamid C
(RN) 86934-11-4
(SY) myxalamide C
(HM) POLYENES
(PA) ANTIBIOTICS
(II) MYXOBACTERALES
(NO) isolated from Myxococcus xanthus; structure in first source

myxalamid D
(RN) 86934-12-5
(SY) myxalamide D
(HM) POLYENES
(PA) ANTIBIOTICS
(II) MYXOBACTERALES
(NO) isolated from Myxococcus xanthus; structure in first source

myxalamide A see myxalamid A

myxalamide B see myxalamid B

myxalamide C see myxalamid C

myxalamide D see myxalamid D

myxin
(RN) 13925-12-7
(SY) 1-hydroxy-6-methoxyphenazine-5,10-dioxide
(HM) PHENAZINES
(PA) ANTIBIOTICS
(NO) structure

Myxobacter alpha-lytic proteinase
(RN) EC 3.4.21.12
(SY) alpha-lytic protease
(HM) *PEPTIDE PEPTIDOHYDROLASES

Myxococcus spore coat proteins
(SY) Myxococcus xanthus spore coat protein S
(SY) MCSCP
(HM) *BACTERIAL PROTEINS
(II) SPORES, BACTERIAL
(NO) may have similar structure to vertebrate lens beta,gamma-crystallins

Myxococcus xanthus antibiotic TA
(RN) 60616-99-1
(SY) antibiotic TA
(HM) *ANTIBIOTICS
(II) MYXOBACTERALES
(NO) wide-spectrum antibiotic produced by Myxococcus xanthus; no other information available 9/20/82

Myxococcus xanthus spore coat protein S see Myxococcus spore coat proteins

myxopyronin A
(RN) 88192-98-7
(HM) *LACTONES
(PA) ANTIBIOTICS
(PA) RNA POLYMERASES/antag
(NO) from Myxococcus fulvus; structure given in first source

myxopyronin B
(RN) 88192-99-8
(HM) *LACTONES
(PA) ANTIBIOTICS
(PA) RNA POLYMERASES/antag
(NO) from Myxococcus fulvus; structure given in first source

myxothiazol
(RN) 76706-55-3
(HM) THIAZOLES
(PA) ANTIBIOTICS, ANTIFUNGAL
(NO) antifungal antibiotic from Myxococcus fulvus; structure given in first source

myxovalargin A see myxovalargins

myxovalargin B see myxovalargins

myxovalargin C see myxovalargins

myxovalargin D see myxovalargins

myxovalargins
(RN) 82658-75-1
(RR) 85568-64-5 (myxovalargin C)
(RR) 85568-63-4 (myxovalargin B)
(RR) 85568-65-6 (myxovalargin D)
(SY) myxovalargin A
(SY) myxovalargin B
(SY) myxovalargin C
(SY) myxovalargin D
(HM) PEPTIDES
(PA) ANTIBIOTICS
(NO) from Myxococcus fulvus strain Mx f65; complete structure not determined 9/84; interfere with protein synthesis; RN given refers to myxovalargin A

myxovirescin A
(RN) 85279-97-6
(HM) LACTONES
(PA) ANTIBIOTICS
(NO) from Myxococcus virescens; structure given in first source

MY 201 see Abbott 40557

MY 33-7 see lotucaine

M 1020 see tripiperaquine

M 12210 see M-12210

M-12210
(RN) 54824-20-3
(SY) 5-nitro-2-(2-(1-pyrrolidine)ethyl)-benzo(de) isoquinoline-1,3-dione
(SY) N-(2-(N-pyrrolidinyl)ethyl)-3-nitronaphthalimide
(SY) M 12210
(HM) *ISOQUINOLINES
(PA) ANTIVIRAL AGENTS
(PA) ANTINEOPLASTIC AGENTS
(NO) structure

M-14012 see M-14012-4

M 14012-4 see M-14012 4

M-14012-4
(RN) 51832-87-2
(SY) picobenzide
(SY) N-(4-picolyl)-3,5-dimethylbenzamide
(SY) M 14012-4
(SY) dosetil
(SY) M-14012
(HM) *BENZAMIDES

M 144255 see antibiotic M144255

M 154,129 see ICI 154129

M-154,129 see ICI 154129

M 2 see M-2

M-2
(SY) M-2 protocol
(SY) M 2
(HM) CYCLOPHOSPHAMIDE
(HM) VINCRISTINE
(HM) MELPHALAN
(HM) PREDNISONE
(HM) CARMUSTINE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds; also used to treat Waldenstroem's macroglobinemia

M 230B
(SY) M-230B
(HM) LACTONES
(PA) ANTIBIOTICS
(NO) from Myxococcus xanthus; closely related to myxovirescin A; structure given in first source

M-230B see M 230B

M 254
(RN) 555-84-0
(SY) M-254
(SY) (1-(5-nitro-2-furanyl)methyleneamino)imidazolin-2-one
(HM) *NITROFURANS
(PA) FILARICIDES

M-254 see M 254

M-25,6202 see glyciphosphoramide

M 256202 see glyciphosphoramide

M-279 see M 279

M 279
(SY) (1-(5-nitro-2-furanyl)methyleneamino) tetrahydropyrimidin-2-one methanol propionate
(SY) M-279
(HM) *NITROFURANS
(PA) FILARICIDES

M-280 see M 280

M 280
(RN) 92950-22-6
(SY) (1-(5-nitro-2-furanyl)methyleneamino) tetrahydropyrimidine-2-one methanol cyclohexanocarboxylate
(SY) M-280
(HM) *NITROFURANS
(PA) FILARICIDES

M-4212
(RN) 54824-17-8
(SY) 5-nitro-2-(2-dimethylaminoethyl)benzo(de) isoquinoline-1,3-dione
(SY) N-(2-dimethylaminoethyl)-3-nitronaphthalimide
(HM) *ISOQUINOLINES
(PA) ANTIVIRAL AGENTS
(PA) ANTINEOPLASTIC AGENTS
(NO) do not confuse with M 4212(pesticide); structure

M 6434 see M6434

M6434
(RN) 77636-92-1
(RR) 77636-84-1 (HCl)
(SY) 2-((5-chloro-2-methoxyphenyl)azo)-1H-imidazole
(SY) M 6434
(HM) *IMIDAZOLES
(PA) SYMPATHOMIMETICS
(NO) RN given refers to parent cpd; structure in first source

M 7 see M-7

M-7
(RN) 39478-90-5
(RR) 55218-11-6 (HCl)
(RR) 35059-15-5 (HBr)
(RR) 58402-56-5 (HBr(+-)-isomer)
(SY) 5,6-dihydroxy-2-dimethylaminotetralin
(SY) M 7
(HM) *NAPHTHOLS
(PA) EMETICS
(NO) RN given refers to parent cpd; structure

m(7)G5'P see m(7)GMP

M-71 see craviten

M-73101 see emorfazone

M73101 see emorfazone

M 73101 see emorfazone

M-75 see bromoacetylalprenololmenthane

M-79175 see M 79175

M 79175
(RN) 82319-87-7
(SY) M79175
(SY) M-79175
(SY) 6-fluoro-2-methylspiro(chroman-4,4'-imidazolidine)-2',5'-dione
(HM) *IMIDAZOLES
(PA) ALDOSE REDUCTASE/antag
(NO) structure given in first source

M79175 see M 79175

M-8 see 5,6-dihydroxy-2-methylaminotetralin

M-83 see 7-N-(4-hydroxyphenyl)mitomycin C

M 83 see 7-N-(4-hydroxyphenyl)mitomycin C

M 92
(RN) 61710-28-9
(SY) M-92
(SY) VA-2
(SY) VA 2
(HM) NAPHTHOQUINONES
(PA) ANTIBIOTICS
(NO) from Micromonospora verruculosa; may consist of juglone conjugated with naphthazarin

M-92 see M 92

NaAlF4 see sodium aluminum tetrafluoride

NAAPCPT-LHRH see LHRH, N-Ac-Ala(1)-4-Cl-Phe(2)-Trp(3,6)-

Na ATPase see sodium ATPase

Na-K ATPase inhibitor see ATPase inhibitory protein

nabam
(RN) 111-54-6
(RR) 142-59-6 (di-Na salt)
(RR) 3566-10-7 (unspecified Na salt)
(RR) 17188-79-3 (di-NH4 salt)
(RR) 17188-79-3 (unspecified NH4 salt)
(RR) 85051-95-2 (unspecified K salt)
(RR) 35573-49-0 (unspecified Fe salt)
(RR) 22124-95-4 (unspecified Na salt)
(RR) 10039-34-6 (di-K salt)
(RR) 5895-18-1 (Ca salt[1:1])
(SY) ethylenebis(dithiocarbamic acid) disodium salt
(HM) *ETHYLENEBIS(DITHIOCARBAMATES)
(PA) FUNGICIDES, INDUSTRIAL
(NO) RN given refers to parent cpd; structure

NAB-GRF-44-NH2 see somatotropin releasing hormone, N(alpha) biotinyl(1- 44)amide

nabilone
(RN) 56496-90-3
(RR) 56469-15-9 ((cis-(+-))-isomer)
(RR) 51022-71-0 ((trans-(+-))-isomer)
(RR) 61664-39-9 ((6aS-trans)-isomer)
(RR) 61617-09-2 ((6aR-trans)-isomer)
(SY) Lilly 109514
(SY) LY 109514
(HM) TETRAHYDROCANNABINOL/*analogs
(PA) TRANQUILIZING AGENTS, MINOR
(PA) ANTIEMETICS
(NO) cannabinol deriv; RN given refers to cpd without isomeric designation; structure

NABPA see 12-O-(5-azido-2-nitrobenzoylphorbol)-13-acetate

NABQ see N-acetyl-4-benzoquinoneimine

NA-2,6-BQI see acetyl-2,6-dimethyl-4-benzoquinone imine

NA-3,5-BQI see N-acetyl-3,5-dimethyl-4-benzoquinone imine

nabumetone
(RN) 42924-53-8
(SY) 4-(6-methoxy-2-naphthyl)-2-butanone
(SY) BRL 14777
(HM) *BUTANONES
(PA) ANTI-INFLAMMATORY AGENTS

Na(+)-Ca(2+) antiporter see calcium-sodium antiporter

Na Ca ATPase see sodium calcium ATPase

NACAEE see N-(alpha)-lauroylarginine ethyl ester

nacartocin
(RN) 77727-10-7
(RR) 87180-24-3 ((D-Phe)-isomer)
(SY) 2-(4-ethylphenylalanine)deamino-6-carbaoxytocin
(SY) 2-(4-Et-Phe)deamino-6-carbaoxytocin
(HM) OXYTOCIN/*analogs
(II) NATRIURESIS/drug eff
(NO) analog of oxytocin with enhanced natriuretic properties; RN given refers to (L-Phe)-isomer; structure given in USAN 1985; RN for cpd without isomeric designation not in Chemline 9/84

NACCPM see 14 beta-(2-nitro-4-azido)cinnamoylamino-N-cyclopropylmethylnormorphinone

N4-acetylsulphadoxine see N(4)-acetylsulfadoxine

NACGL phosphodiesterase see alpha-N-acetylglucosaminyl phosphodiesterase

Na(+), K(+), Cl(-)-cotransporter see sodium, potassium, chloride-cotransporter

Na-K-Cl-transporter see sodium, potassium, chloride-cotransporter

Nacom see Sinemet

Na2Cr2O7 see sodium bichromate

NAD(P)H-adrenaline oxidase
(RN) EC 1.6.-
(HM) *NADH, NADPH OXIDOREDUCTASES
(NO) forms adrenochrome

NAD-arginine ADP-ribosyltransferase see NAD(+) protein ADP-ribosyltransferase

NAD(P)H dehydrogenase (quinone)
(RN) EC 1.6.99.2
(RR) 9032-20-6 (CRN)
(SY) DT diaphorase
(SY) ubiquinone reductase
(SY) coenzyme Q reductase
(SY) NADH-coenzyme Q oxidoreductase
(SY) NADH-ubiquinone oxidoreductase
(SY) complex I
(SY) NAD(P)H-K-oxidoreductase
(SY) NADH-ubiquinone reductase
(SY) NADH-Q oxidoreductase
(SY) NADH-CoQ dehydrogenase
(HM) *QUINONE REDUCTASES

NAD-EF2-ADPR transferase
(RN) EC 2.7.7.-
(HM) *NUCLEOTIDYLTRANSFERASES
(NO) NAD plus active EF2 gives inactive ADPR-EF2 plus nicotinamide

NAD(P)H-flavin oxidoreductase see flavin mononucleotide reductase

NAD(P)H-FMN oxidoreductase see flavin mononucleotide reductase

NADH-coenzyme Q oxidoreductase see NAD(P)H dehydrogenase (quinone)

NADH-CoQ dehydrogenase see NAD(P)H dehydrogenase (quinone)

NADH-cytochrome b5 reductase see cytochrome b(5) reductase

NADH dehydrogenase (quinone)
(RN) EC 1.6.99.5
(RR) 37256-36-3 (CRN)
(SY) NADH quinone oxidoreductase
(HM) *QUINONE REDUCTASES
(NO) catalyzes the oxidation of NADH to NAD with quinone as acceptor

NADH-dependenet nitrite reductase see nitrite reductase (NAD(P)H)

NADH-dependent nitro reductase see aromatic NADH-dependent nitro reductase

NADH-dichlorophenolindophenol oxidoreductase see dichlorophenolindophenol reductase

NAD-L-hexonate dehydrogenase see gulonate dehydrogenase

NADH-ferredoxin oxidoreductase see ferredoxin-NAD+ reductase

NADH-ferricyanide dehydrogenase see ferricyanide reductase

NADH ferricyanide oxidoreductase see ferricyanide reductase

NADH ferricyanide reductase see ferricyanide reductase

NADH-flavin oxidoreductase see flavin mononucleotide reductase

NADH-FMN oxidoreductase see flavin mononucleotide reductase

NADH-NAD transhydrogenase
(RN) EC 1.6.1.-
(HM) NADH, NADPH OXIDOREDUCTASES

NADH-nitrate reductase see nitrate reductase (NADH)

NADH-p-nitrosophenol reductase see C-nitrosoreductase (NADH)

NADH oxidase see NADH2 oxidase

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NADH2 oxidase
(RN) EC 1.6.-
(SY) NADH oxidase
(HM) *NADH, NADPH OXIDOREDUCTASES
(HM) *MULTIENZYME COMPLEXES

NADH-Q oxidoreductase see NAD(P)H dehydrogenase (quinone)

NADHP see N-nitrosoallyl-2,3-dihydroxypropylamine

NADH peroxidase see NAD+ peroxidase

NADH-peroxide
(SY) reduced nicotinamide adenine dinucleotide peroxide
(HM) NAD/*analogs

NADH-putidamonooxin oxidoreductase see 4-methoxybenzoate monooxygenase (O-demethylating)

NADH pyrophosphatase see nucleotide pyrophosphatase

NADH quinone oxidoreductase see NADH dehydrogenase (quinone)

NADH rubredoxin oxidoreductase see rubredoxin-NAD+ reductase

NADH semidehydroascorbate oxidoreductase see monodehydroascorbate reductase (NADH)

NADH-ubiquinone oxidoreductase see NAD(P)H dehydrogenase (quinone)

NADH-ubiquinone reductase see NAD(P)H dehydrogenase (quinone)

NADIT see 2-naphthyl 2-diazo-3,3,3-trifluoropropionate

NAD kinase
(RN) EC 2.7.1.23
(RR) 9032-66-0 (CRN)
(HM) *PHOSPHOTRANSFERASES, ATP

NAD-malic enzyme see malate dehydrogenase (oxaloacetate-decarboxylating) (NAD+)

NAD(P) nucleosidase
(RN) EC 3.2.2.6
(SY) NADP-glycohydrolase
(SY) NADP-glucohydrolase
(HM) *NUCLEOSIDASES

nadolol
(RN) 42200-33-9
(RR) 58244-54-5 (HCl)
(RR) 54933-36-7 ((2R-(2alpha,3alpha,5(S*)))-isomer)
(RR) 54933-35-6 ((2S-(2alpha,3alpha,5(R*)))-isomer)
(RR) 54933-34-5 ((2R-(2alpha,3alpha,5(R*)))-isomer)
(RR) 54933-33-4 (2S-(2alpha,3alpha,5(S*)))-isomer)
(SY) 2,3-cis-1,2,3,4-tetrahydro-5-((2-hydroxy-3-tert-butylamino)propoxyl)-2,3-naphthalenediol
(SY) SQ 11725
(SY) Corgard
(SY) solgol
(HM) *PROPANOLAMINES
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS
(PA) ANTIHYPERTENSIVE AGENTS
(PA) ANTI-ARRHYTHMIA AGENTS
(NO) RN given refers to cpd without isomeric designation; structure

nadolol diacetate see diacetylnadolol

NAD(P)H-K-oxidoreductase see NAD(P)H dehydrogenase (quinone)

nadoxolol
(RN) 54063-51-3
(RR) 35991-93-6 (HCl)
(SY) LL 1530
(SY) Bradyl 250
(SY) 4-(1-naphthyloxy)-3-hydroxybutyramidoxime
(HM) *OXIMES
(PA) MYOCARDIAL DEPRESSANTS
(NO) RN & N1 from USAN & Merck; RN given refers to parent cpd; synonyms LL 1530 & Bradyl 250 refers to HCl; structure

NAD-PADPRTase see NAD(+) protein ADP-ribosyltransferase

NADPase see 2'-nucleotidase

NADP-dependent 3-hydroxybutyryl-CoA see beta-hydroxybutyryl-CoA dehydrogenase

NADPDO see N-aminomethylmorpholine 3,3-diethyl-2,4-pyridinedione

NAD+ peroxidase
(RN) EC 1.11.1.1
(RR) 9032-24-0 (CRN)
(SY) NADH peroxidase
(HM) *PEROXIDASES

NADP-glucohydrolase see NAD(P) nucleosidase

NADP-glycohydrolase see NAD(P) nucleosidase

NADPH-dependent arachidonic acid epoxygenase see arachidonate epoxygenase

NADPH-2,6-dichlorophenolindophenol reductase see dichlorophenolindophenol reductase

NADP L-hexanoate dehydrogenase see glucuronolactone reductase

NADPH-ferricyanide reductase see ferricyanide reductase

NADPH-flavin reductase see flavin mononucleotide reductase

NADPH-NBT reductase see NADPH-tetrazolium reductase

NADPH-neotetrazolium reductase see NADPH-tetrazolium reductase

NADPH nitrate reductase see nitrate reductase (NAD(P)H)

NADPH oxidase
(RN) EC 1.6.-
(HM) *NADH, NADPH OXIDOREDUCTASES

NADPH-O2 oxidoreductase see superoxide-forming enzyme

NADPH peroxidase
(RN) EC 1.11.1.2
(RR) 9029-51-0 (CRN)
(SY) NADP+ peroxidase
(HM) *PEROXIDASES

NADPH-protochlorophyllide oxidoreductase see protochlorophyllide reductase

NADPH rubredoxin oxidoreductase see rubredoxin-NAD+ reductase

NADPH-sulfite reductase hemoprotein see sulfite reductase (NADPH)

NADPH-tetrazolium reductase
(RN) EC 1.6.2.-
(SY) NADPH-neotetrazolium reductase
(SY) NADPH-NBT reductase
(HM) *NADPH CYTOCHROME C REDUCTASE
(NO) reported to possess activity identical with NADPH cytochrome C reductase EC 1.6.2.4

NADP-isocitrate dehydrogenase see isocitrate dehydrogenase (NADP)

NADP-linked alcohol-aldehyde-ketone oxidoreductase see alcohol dehydrogenase (NADP+)

NADP-malic enzyme see malate dehydrogenase (oxaloacetate-decarboxylating) (NADP+)

NADP+ peroxidase see NADPH peroxidase

NADP+ phosphatase
(RN) EC 3.1.3.-
(HM) *NUCLEOTIDASES
(NO) forms NAD+ by hydrolysis of 3'-phosphate

NADP pyrophosphatase see NAD pyrophosphatase

NAD(+) protein ADP-ribosyltransferase
(RN) EC 2.4.2.-
(SY) NAD-arginine ADP-ribosyltransferase
(SY) NAD-PADPRTase
(HM) *PENTOSYLTRANSFERASES
(NO) transfers ADP-ribosyl moiety from NAD to arginyl residues of various proteins, probably forming N-glycosyl bond to the guanidino group

NADP-specific glutamate dehydrogenase see glutamate dehydrogenase (NADP+)

NAD pyrophosphatase
(RN) EC 3.6.1.22
(SY) NADP pyrophosphatase
(HM) *PYROPHOSPHATASES

NAD-reducing hydrogenase see hydrogen dehydrogenase

NAD(S) see adenosine 5'-(alpha-thio)diphospho-5'-ribofuranosylnicotinamide

NAD(P)H 1-(4'-sulfophenylazo)-2-naphthol oxidoreductase see orange II azoreductase

NAD(P)H 1-(4'-sulfophenylazo)-4-naphthol oxidoreductase see orange I azoreductase

NAD synthetase
(RN) EC 6.3.1.5
(RR) 9032-69-3 (CRN)
(HM) *LIGASES

2-NAESAP see 2-(nicotinoylaminoethanesulfonylamino)pyridine

Na(+)-H(+)-exchanger see sodium-hydrogen antiporter

nafamstat mesilate see FUT 175

nafarelin see LHRH, Ala(2-naphthyl)(6)-

nafarelin acetate see LHRH, Ala(2-naphthyl)(6)-

nafazatrom see Bay g 6575

NaFeEDTA see Fe(III)-EDTA

nafimidone
(RN) 64212-22-2
(RR) 70891-37-1 (mono-HCl)
(SY) 1-(2-naphthoylmethyl)imidazole
(HM) *NAPHAZOLINE/analogs
(PA) ANTICONVULSANTS
(NO) RN given refers to parent cpd

nafion
(RN) 39464-59-0
(HM) *FLUOROCARBON POLYMERS
(NO) perfluorosulfonated polymer

NAF-PCPTAL see LHRH, N-Ac-4-F-Phe(1)-4-Cl-Phe(2)-Trp(3,6)-AlaNH(2) (10)-

naftalofos
(RN) 1491-41-4
(SY) N-hydroxynaphthalimide diethyl phosphate
(SY) maretin
(SY) naphthalophos
(SY) O,O-diethyl N-hydroxynaphthalimide phosphate
(HM) *ORGANOPHOSPHORUS COMPOUNDS
(PA) ANTHELMINTICS
(NO) structure

naftazone
(RN) 15687-37-3
(RR) 31853-38-0 (cpd with unspecified naphthoquinone locant)
(SY) 1,2-naphthoquinone-2-semicarbazone
(SY) Mediaven
(HM) *NAPHTHOQUINONES
(NO) RN given refers to 1,2-naphthoquinone monosemicarbazone cpd

naftifin
(RN) 65472-88-0
(RR) 65473-14-5 (HCl(E)-isomer)
(SY) naftifine
(HM) *ALLYLAMINE/analogs
(PA) ANTIFUNGAL AGENTS
(NO) allylamine der; RN given refers to unlabeled parent cpd

naftifine see naftifin

NAG-endorphin see N-acetyl-gamma-endorphin

NAG-oligosaccharidase see N-acetyl-alpha-D-galactosaminyloligosaccharidase

Nagoya plasminogen see Tochigi II plasminogen

NAGSase see N-acetylglucosamine-6-sulfate sulfatase

NAGSS see N-acetylglucosamine-6-sulfate sulfatase

(NAG)3 see N-acetylglucosamine trimer

Na2HAsO4.7H2O see sodium arsenate

NAHP see N-nitroso-2-hydroxypropylamine

NaHS see sodium bisulfide

NaHSeO3 see selenious acid

Nakom see Sinemet

naldecon
(RN) 83097-12-5
(HM) *CHLORPHENIRAMINE
(HM) *PHENYLEPHRINE
(HM) *PHENYLPROPANOLAMINE
(HM) *BENZHYDRYL COMPOUNDS
(HM) DRUG COMBINATIONS
(PA) ANTIHISTAMINICS
(NO) combination of chlorpheniramine maleate, phenylephrine, phenylpropanolamine & phenyltoloxamine

D(NAL2(6)GNRH see LHRH, Ala(2-naphthyl)(6)-

NALHRH see LHRH, Ala(2-naphthyl)(6)-

Na-Li antiporter see sodium-lithium countertransporter

nalidixic acid citrated see mictral

nalmefene
(RN) 55096-26-9
(RR) 58895-64-0 (HCl)
(SY) 6-desoxy-6-methylenenaltrexone
(HM) NALTREXONE/*analogs
(PA) APPETITE DEPRESSANTS
(NO) RN given refers to 5-alpha isomer; RN for parent cpd not in Chemline 11-83

naloxazine
(RN) 71786-91-9
(HM) NALOXONE/*analogs
(PA) NARCOTIC ANTAGONISTS
(NO) RN given refers to (5alpha)-isomer; RN for cpd without isomeric designation not in Chemline 12/84; structure given in first source

naloxazone
(RN) 73674-85-8
(SY) naloxone-6-hydrazone
(HM) NALOXONE/*analogs
(NO) has high affinity for opiate receptor binding sites; structure given in first source

naloxonazine
(RN) 82824-01-9
(HM) NALOXONE/*analogs
(NO) binds irreversibly to opiate receptor sites; structure given in first source

naloxone-6-hydrazone see naloxazone

naloxone receptor
(SY) naloxone receptors
(SY) receptor, naloxone
(HM) *RECEPTORS, ENDORPHIN
(II) NALOXONE

naloxone receptors see naloxone receptor

naloxone-6-spirohydantoin
(RN) 87872-71-7
(HM) *HYDANTOINS
(HM) NALOXONE/*analogs
(PA) ANTICONVULSANTS
(NO) structure given in first source

naltrexazone
(RN) 73674-86-9
(SY) naltrexone hydrazone
(HM) NALTREXONE/*analogs
(NO) binds irreversibly to opiate receptor sites; structure given in first source

naltrexonazine
(RN) 82823-99-2
(HM) NALTREXONE/*analogs
(NO) binds irreversibly to opiate receptor sites; structure given in first source

naltrexone fumarate methyl ester see beta-funaltrexamine

naltrexone hydrazone see naltrexazone

naltrexone MB see methylnaltrexone

naltrexone methobromide see methylnaltrexone

naltrexone methylbromide see methylnaltrexone

Na-MFP see fluorophosphate

NAMG see N(alpha)-maltoglucagon

Na Mg antiport see sodium-magnesium antiporter

Na Mg ATPase see magnesium sodium ATPase

Na K Mg ATPase see magnesium sodium potassium ATPase

Na2MoO4 see sodium molybdate(VI)

NAMOPA see N-nitroso-N-acetoxymethyl-N-2-oxopropylamine

NAMPEA see N(6)-2-(4-aminophenyl)ethyladenosine

NAMSMMG see N(alpha)-malto-S-methylmethionine-27-glucagon

NANA-aldolase see N-acetylneuraminate lyase

nanaomycin A
(RN) 52934-83-5
(HM) NAPHTHOQUINONES
(PA) ANTIBIOTICS
(PA) ANTIBIOTICS, ANTIFUNGAL
(NO) produced by a strain OS-3966 of Streptomyces rosa var. notoensis; quinone-related cpd; MF C16-H14-O6; see also nanaomycin B: 52934-85-7, nanaomycin C: 58286-55-8, nanaomycin E: 72660-52-7; structure

nanaomycin B
(RN) 52934-85-7
(HM) NAPHTHOQUINONES
(PA) ANTIBIOTICS
(PA) ANTIBIOTICS, ANTIFUNGAL
(NO) produced by a strain OS-3966 of Streptomyces rosa var. notoensis; quinone-related cpd; MF C16-H16-O7; see also nanaomycin A: 52934-83-5, nanaomycin C: 58286-55-8, nanaomycin E: 72660-52-7; structure

nanaomycin D see kalafungin

nanaomycin E
(RN) 72660-52-7
(HM) NAPHTHOQUINONES
(PA) ANTIBIOTICS
(PA) ANTIBIOTICS, ANTIFUNGAL
(NO) epoxy deriv of nanaomycin A; see also nanaomycin A: 52934-83-5, nanaomycin B: 52934-85-7, nanaomycin C: 58286-55-8; RN in 9th CI for nanaomycin D: 60325-08-8; structure in first source

nanbacine see xibornol

NANDHDA see 1-N-amidino-1-N-demethyl-2-hydroxydestomycin A

NANDP see N-(4-azido-2-nitrophenyl)-2-aminoethyl diphosphate

nandrolone decanoate
(RN) 360-70-3
(SY) Retabolil
(SY) 19-nor-4-androstene-17 beta-ol-3-one 17-decanoate
(SY) 17 beta-hydroxyestr-4-en-3-one 17-decanoate
(SY) decadurobolin
(SY) retabolyl
(SY) decadurabolin
(SY) 19-nortestosterone decanoate
(HM) NANDROLONE/*analogs
(II) ANABOLIC STEROIDS
(NO) structure

nandrolone p-hexyloxyphenylpropionate see anadur

nandrolone phenpropionate
(RN) 62-90-8
(RR) 1058-41-9 ((17alpha)-isomer)
(SY) norandrolone phenylpropionate
(SY) durabolin
(SY) 17 beta-hydroxyestr-4-en-3-one hydrocinnamate
(SY) NSC-23162E
(SY) nerobolil
(SY) nerobolyl
(SY) nortestosterone phenylpropionate
(HM) NANDROLONE/*analogs
(II) ANABOLIC STEROIDS
(NO) RN given refers to (17 beta)-isomer

nandrolone undecanoate
(RN) 862-89-5
(HM) NANDROLONE/*analogs

NANP see N-4-azido-2-nitrophenylpyridoxyl-5-phosphate

NANPP see N-(2-aminoethyl)-4-(beta-1-naphthylvinyl)-3-methylpyridinium

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nantenine
(RN) 2565-01-7
(RR) 42971-15-3 ((+-)-isomer)
(SY) O-methyldomesticine
(HM) *APORPHINES
(PA) SEROTONIN ANTAGONISTS
(II) PLANT EXTRACTS
(NO) from Nandina domestica Thundberg; RN given refers to (S)-isomer; RN for cpd without isomeric designation not in Chemline 7/84; structure given in first source

nantradol
(RN) 72028-54-7
(RR) 79982-63-1
(HCl((3(R*),6alpha,6aalpha,9alpha,10abeta)-(+))-isomer)
(RR) 77209-75-7 (HCl)
(RR) 74430-97-0
((6R-(3(S*),6alpha,6aalpha,9alpha,10abeta))-isomer)
(RR) 74430-96-9
(((3(R*),6alpha,6aalpha,9alpha,10abeta)-(+-))-isomer)
(RR) 74430-95-8
(((3(S*),6alpha,6aalpha,9alpha,10abeta)-(+-))-isomer)
(RR) 71048-87-8
((6S-(3(S*),6alpha,6aalpha,9alpha,10abeta))-isomer)
(RR) 70222-86-5
((HCl(6S-(3(S*),6alpha,6aalpha,9alpha,10abeta))-isomer)
(RR) 65511-42-4 (HCl)
(SY) (+-)-1-acetoxy-5,6,6a,7,8,9,10,10a-octahydro-9-hydroxy-6-beta-methyl-3-(5'-phenyl-2'-pentyloxy) phenanthridine hydrochloride
(SY) levonantradol
(HM) *PHENANTHRIDINES
(PA) ANTIEMETICS
(PA) ANALGESICS
(II) STEREOISOMERS
(NO) cannabinoid-related analgetic with greater potency than morphine in some tests; 4 stereoisomers are mentioned in the literature:
(+)-2[(S),6(R),6a(S),9(S)10a(S) [CP-53,870-1];
(-)-2[(R),6(S),6a(R),9(R)10a(R) [CP-50,556-1];
(+)-2[(R),6(R),6a(S),9(S),10a(S);
(-)-2[(S),6(S),6a(R),9(R)10a(R); RN given is from CA 1977-79 Index Guide; structure in first source; use STEREOISOMERS if levonantradol is used

NAO see 10-N-nonylacridinium orange

NAOP see N-nitrosallyl-2-oxopropylamine

NAP(4)-AdoNAD see
N-4-azido-2-nitrophenyl-4-aminobutyryl-NAD

NAPA-DP-insulin see insulin,
B2-(2-nitro-4-azidophenylacetyl)-des-Phe (B1) -

NAPAETSP see
3-((2-nitro-4-azidophenyl)-2-aminoethyldithio)-N-succinimidyl propionate

NAPA-INSULIN (B29) see insulin,
B2-(2-nitro-4-azidophenylacetyl)-des-Phe (B1) -

napalm
(RN) 8031-21-8
(HM) *FATTY ACIDS
(II) CHEMICAL WARFARE AGENTS
(NO) coprecipitated aluminum soap from naphthenic acids & the fatty acids of coconut oil developed for preparation of gasoline gels for incendiary munitions

NAP4-AMP see
3'-(4-(N-(4-azido-2-nitrophenyl)amino)butyryl)AMP

NAP(4)-ATP see
N-4-azido-2-nitrophenyl-gamma-aminobutyryl-ATP

NAP-BMPA see
N-(2-nitro-4-azophenyl)-1,3-bis(mannos-4'-yloxy) propyl-2-amine

NAPDPD see N-aminomethylpiperazine
3,3-diethyl-2,4-pyridinedione

NAPES see N-(4-aminophenethyl)spiroperidol

naphtadon see menadiol diphosphate

naphtha
(RN) 8030-30-6
(SY) petroleum ether
(SY) benzin
(SY) benzine
(SY) benzine BR-1
(SY) benzine BR-2
(HM) *ALKANES
(II) PETROLEUM
(NO) low boiling fractions of petroleum, mainly hydrocarbons in alkane series; RN given refers to cpd with unknown MF; RN in Chemline for petroleum ether: 8032-32-4; BR-1 & BR-2 are Russian benzine solvents

naphthalan
(RN) 37229-16-6
(SY) naphthalanic oil
(HM) *NAPHTHALENES
(PA) ANALGESICS, ANTI-INFLAMMATORY
(II) OINTMENTS
(NO) oil containing naphthalanic hydrocarbons, nitric & other cpds

naphthalane see decalin

naphthalanic oil see naphthalan

naphthalene
(RN) 91-20-3
(HM) *NAPHTHALENES
(NO) structure in Merck Index, 9th ed, #6194

1-naphthaleneacetic acid
(RN) 86-87-3
(RR) 61-31-4 (Na salt)
(RR) 15165-79-4 (K salt)
(RR) 25545-89-5 (NH4 salt)
(SY) alpha-naphthaleneacetic acid
(HM) *NAPHTHALENEACETIC ACIDS
(NO) RN given refers to parent cpd

2,3-naphthalenediamine see 2,3-diaminonaphthalene

2,3-naphthalenedicarbaldehyde see
2,3-naphthalenedicarboxaldehyde

2,3-naphthalenedicarboxaldehyde
(RN) 7149-49-7
(SY) 2,3-naphthalenedicarbaldehyde
(HM) *NAPHTHALENES
(II) INDICATORS AND REAGENTS
(NO) used in colorimetric determination of cholesterol; RN from CA Form Index Vol 90; NI same as NM

cis-naphthalene dihydrodiol dehydrogenase see dihydrodiol dehydrogenases

naphthalene dioxygenase
(RN) EC 1.14.12.-
(HM) *OXYGENASES
(HM) *MULTIENZYME COMPLEXES
(NO) forms
cis-(1R,2S)-dihydroxy-1,2-dihydronaphthalene; requires NADH

3,6-naphthalenedisulfonic acid, 2-((2,4-dinitrophenyl) azo-1-hydroxy see 2-((2,4-dinitrophenyl)azo)-1-naphthol 3,6-disulfonic acid

naphthalene 1,2-oxide
(RN) 277-50-9
(HM) *NAPHTHALENES

naphthalene oxygenase see arene monooxygenase (epoxidizing)

1-Naphthalenesulfonic acid, 8-hydroxy-, gamma-sultone see naphthosultone

1-naphthalenylacetylaspartic acid
(RN) 32667-88-2
(RR) 4047-78-3 ((L)-isomer)
(RR) 22004-06-4 ((D)-isomer)
(HM) *NAPHTHALENEACETIC ACIDS
(NO) RN given refers to parent cpd from first source

1-naphthalenylglucopyranoside see 1-naphthylglucoside

3-N-(1',8'-naphthalimido)propionic acid
(SY) 3-N-1',8'-NPA
(HM) *PROPIONIC ACIDS
(PA) ANTILIPEMIC AGENTS
(NO) effectively lowers serum cholesterol & triglyceride levels in rats

naphthalophos see naftalofos

Naphthamone see bephenium hydroxynaphthoate

naphthazarin
(RN) 475-38-7
(SY) 5,8-dihydroxy-1,4-naphthoquinone
(HM) *NAPHTHOQUINONES
(II) FISH VENOMS
(NO) fish toxin; isolated for first time from the walnut "onigurmi", Juglans mandshurica maxim var. Sieboldiana Makino; structure

naphthenic acid
(RN) 1338-24-5
(SY) cobalt naphthenic acid
(SY) naphthenic acids
(HM) *CARBOXYLIC ACIDS
(NO) mixture of cobalt salts of naphthenic acids derived from cycloparaffins

naphthenic acids see naphthenic acid

naphthoate synthetase
(RN) EC 4.2.1.-
(SY) 1,4-dihydroxy-2-naphthoate synthase
(SY) DHNA synthase
(HM) *HYDRO-LYASES
(NO) intermediate in bacterial conversion of o-succinylbenzoic acid to menaquinones requires CoA & ATP

naphtho(1,2,3,4-def)chrysene see dibenzo(a,e)pyrene

2-naphthoic acid
(RN) 93-09-4
(RR) 16518-20-0 (NH4 salt)
(RR) 40480-74-8 (hydride)
(RR) 14041-39-5 (Cu(2+) salt)
(RR) 52514-51-9 (Pd(2+) salt)
(RR) 18746-74-2 (K salt)
(RR) 17273-79-9 (Na salt)
(HM) *NAPHTHALENES
(NO) RN given refers to parent cpd

naphthol AS
(RN) 92-77-3
(RR) 68556-06-9 (mono-Na salt)
(RR) 86349-50-0 (14C-labeled cpd)
(SY) 3-hydroxy-2-naphthanilide
(HM) *NAPHTHOLS
(II) DYES
(NO) azo dye coupling component implicated in occupational pigmented contact dermatitis; RN given refers to unlabeled parent cpd; structure

naphthol AS-BI phosphate
(RN) 1919-91-1
(RR) 5134-42-9 (mono-Na salt)
(RR) 530-79-0 (di-Na salt)
(HM) *ORGANOPHOSPHORUS COMPOUNDS
(NO) RN given refers to parent cpd

naphthol AS-D chloroacetate
(HM) *NAPHTHOLS

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2-naphthol-3,6-disulfonic acid
(RN) 148-75-4
(RR) 15883-57-5 (unspecified Na salt)
(RR) 135-51-3 (di-Na salt)
(SY) 3-hydroxy-2,7-naphthalenedisulfonic acid
(HM) *NAPHTHALENESULFONATES
(NO) RN given refers to parent cpd; structure in Merck Index, 9th ed, #6214

2-naphthol orange see Orange II

naphthol yellow
(RN) 483-84-1
(RR) 846-70-8 (di-Na salt)
(RR) 27189-57-7 (mono-Na salt)
(RR) 68698-86-2 (Al salt[3:2])
(RR) 55482-31-0 (Ba salt[1:1])
(RR) 846-70-8 (di-Na salt)
(RR) 549-34-8 (di-K salt)
(SY) 2,4-dinitro-1-naphthol-7-sulfonic acid disodium salt
(SY) naphthol yellow S
(HM) *NAPHTHALENESULFONATES
(II) DYES
(NO) RN given refers to parent cpd; structure

naphthol yellow S see naphthol yellow

1-naphthol
(RN) 90-15-3
(RR) 56235-91-7 (Li salt)
(RR) 58864-37-2 (2-(13)C-labeled cpd)
(RR) 19402-71-2 (K salt)
(RR) 72773-99-0 (ion(1+))
(RR) 3019-88-3 (Na salt)
(RR) 19481-11-9 (1-(14)C-labeled cpd)
(SY) alpha-naphthol
(HM) *NAPHTHOLS
(NO) RN given refers to parent cpd

2-naphthol
(RN) 135-19-3
(RR) 65223-92-9 (1,4,5,8-(14)C4-labeled cpd)
(RR) 36294-21-0 (K salt)
(RR) 875-83-2 (Na salt)
(RR) 1321-67-1 (cpd with unspecified locant)
(RR) 36452-22-9 (Ti(4+) salt)
(RR) 36237-07-7 (7-(14)C-labeled cpd)
(RR) 10432-04-9 (Mg salt)
(RR) 67977-56-4 (ion(1+))
(RR) 8039-60-9 (Bi salt)
(RR) 18698-20-9 (8-(14)C-labeled cpd)
(SY) beta-naphthol
(HM) *NAPHTHOLS
(NO) RN given refers to parent cpd

naphthomycin
(RN) 55557-40-9
(SY) naphthomycin A
(SY) naphthomycin B
(SY) naphthomycin C
(HM) NAPHTHOQUINONES
(PA) ANTIBIOTICS
(NO) class of naphthalenic ansamycins; from fermentation broth of a Streptomyces; structure

naphthomycin A see naphthomycin

naphthomycin B see naphthomycin

naphthomycin C see naphthomycin

1,2-naphthoquinone-2-semicarbazone see naftazone

1,4-naphthoquinone-2-sulfonate
(RN) 5690-16-4
(RR) 7045-83-2 (Na salt)
(RR) 56633-19-3 (NH4 salt)
(RR) 34169-62-5 (K salt)
(HM) *NAPHTHOQUINONES
(NO) RN given refers to parent cpd

1,2-naphthoquinone
(RN) 524-42-5
(HM) *NAPHTHOQUINONES

1,4-naphthoquinone
(RN) 130-15-4
(HM) *NAPHTHOQUINONES

naphthosultone
(RN) 83-31-8
(SY) 1-Naphthalenesulfonic acid, 8-hydroxy-, gamma-sultone
(SY) sultones
(HM) *NAPHTHALENESULFONATES
(NO) derivatives of 1,8-naphtholsulfonic acid

1-naphthoxyacetic acid
(RN) 2976-75-2
(SY) alpha-naphthoxyacetic acid
(HM) *GLYCOLATES
(PA) ANTICHOLINERGIC AGENTS
(NO) structure

2-naphthoxyacetic acid
(RN) 120-23-0
(SY) (2-naphthyloxy)acetic acid
(SY) beta-naphthoxyacetic acid
(HM) *GLYCOLATES
(PA) ANTICHOLINERGIC AGENTS
(II) FLUORESCENT DYES
(II) PLANT GROWTH REGULATORS
(NO) used as plant hormone to promote the growth of roots on clippings, to prevent fruit from falling prematurely; structure

naphthoxybutanolcyclobexylamine see TE-176

3-(1-naphthoxy)-2-hydroxypropionaldehyde N-isopropylnitrone see propranolol N-aldonitrone

1-(3-((3-(1-naphthoxy)-2-hydroxypropyl)amino)-3,3-dimethylpropyl)-2-benzimidazolinone see MEN 935

naphthoxylactic acid
(RN) 10476-54-7
(RR) 80844-62-8 ((+-)-isomer)
(RR) 80789-59-9 ((S)-isomer)
(RR) 80789-57-7 ((R)-isomer)
(SY) alpha-naphthoxylactic acid
(HM) *LACTATES
(NO) metabolite of propranolol; structure; RN given refers to parent cpd without isomeric designation

3'-O-(naphthoyl-1)adenosine diphosphate
(RN) 71160-02-6
(SY) 3-NP-ADP
(HM) ADENOSINE DIPHOSPHATE/*analogs
(NO) delays onset of oxidative phosphorylation

3'-O-naphthoyladenosine 5'-triphosphate see naphthoyl-ATP

naphthoyl-ATP
(RN) 76152-01-7
(SY) 3'-O-naphthoyladenosine 5'-triphosphate
(SY) 3-NP-ATP
(HM) ADENOSINE TRIPHOSPHATE/*analogs
(II) FLUORESCENT DYES
(NO) fluorescent nontransportable ATP analog

1-(2-naphthoylmethyl)imidazole see nafimidone

naphthyl acetate
(RN) 29692-55-5
(HM) *NAPHTHOLS
(NO) do not confuse with naphthaleneacetic acid; acetic acid ester of naphthol

2-naphthylacetic acid
(RN) 581-96-4
(RR) 17273-33-5 (Na salt)
(SY) beta-naphthaleneacetic acid
(HM) *NAPHTHALENEACETIC ACIDS
(NO) RN given refers to parent cpd

6-D-(2-naphthyl)alanine-LHRH see LHRH, Ala(2-naphthyl)(6)-

1-naphthylamine-5-sulfonic acid
(RN) 84-89-9
(SY) 1-aminonaphthalene-5-sulfonate
(HM) *NAPHTHALENESULFONATES
(NO) fluorophore used for fluorescent nucleotide substrates

2-naphthylamine-1-sulfonic acid
(RN) 81-16-3
(RR) 68540-41-0 (mono-NH4 salt)
(SY) tobias acid
(HM) *NAPHTHALENESULFONATES
(NO) RN given refers to parent cpd

naphthylbutyrate esterase
(RN) EC 3.1.1.-
(SY) alpha naphthyl butyrate esterase
(HM) *CARBOXYLIC ESTER HYDROLASES

5-(2'-naphthyl)-7-4-chlorophenyl-(2,3,6,8-tetrahydro)pyrrolo-(3,4-e)(1,4)-diazepine-6-thioxo-8-(1H,7H)one
(SY) PDCL
(HM) *AZEPINES
(PA) ANALGESICS, ANTI-INFLAMMATORY
(NO) structure given in first source

2-naphthyl 2-diazo-3,3,3-trifluoropropionate
(RN) 90038-07-6
(SY) NADIT
(HM) *DIAZONIUM COMPOUNDS
(II) AFFINITY LABELS
(NO) structure given in first source

N-(1-naphthyl)ethylenediamine dihydrochloride see N-(1-naphthyl)ethylenediamine

N-(1-naphthyl)ethylenediamine
(RN) 551-09-7
(RR) 1465-25-4 (di-HCl)
(RR) 74343-76-3 (cpd with unspecified naphthalene locant)
(RR) 32449-15-3 (mono-HCl)
(SY) N-(1-naphthyl)ethylenediamine dihydrochloride
(HM) *ETHYLENEDIAMINES
(II) INDICATORS AND REAGENTS
(NO) RN given refers to parent cpd

1-naphthylglucoside
(RN) 19939-82-3
(SY) 1-naphthalenylglucopyranoside
(HM) *GLUCOSIDES
(NO) used in analysis of UDPglucosyltransferase

naphthyl glucuronide
(RN) 27710-10-7
(RR) 17238-47-0 ((beta-D)-isomer)
(RR) 29857-07-6 (mono-Na salt)
(RR) 71300-15-7 (cpd with unspecified naphthyl locant (beta-D)-isomer)
(SY) 1-naphthyl glucuronide
(HM) *GLUCURONATES
(NO) RN given refers to D-glucosiduronic acid, 1-naphthyl

1-naphthyl glucuronide see naphthyl glucuronide

N-2-naphthylglutamine see gamma-glutamyl-2-naphthylamide

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naphthylglyoxal
(HM) *GLYOXAL/analogs

1-naphthylhydroxylamine see N-hydroxy-1-naphthylamine

2-naphthylmethyl cyclopropanecarboxylate see Ro 12-0470

1-naphthyl-N-methyl-N-nitrosocarbamate see nitrosocarbaryl

(2-naphthyloxy)acetic acid see 2-naphthoxyacetic acid

4-(1-naphthyloxy)-3-hydroxybutyramidoxime see nadoxolol

5-(2'-naphthyl)-7-phenyl-(2,3,6,8-tetrahydro)pyrrolo-(3,4-e)(1,4)-diazepine-6-thioxo-8-(1H,7H)one
(SY) PD-NPT
(HM) *AZEPINES
(PA) ANALGESICS, ANTI-INFLAMMATORY
(NO) structure given in first source

naphthyl phosphate
(RN) 33881-88-8
(SY) alpha-naphthyl phosphate
(SY) alpha-naphthylphosphate
(HM) *NAPHTHALENES
(HM) *ORGANOPHOSPHORUS COMPOUNDS
(NO) substrate for acid phosphatase

naphthyl sulfate
(RN) 3197-94-2
(RR) 6295-74-5 (K salt)
(RR) 57823-69-5 (Ba salt)
(SY) 1-naphthyl sulfate
(SY) naphthyl sulphate
(HM) *SULFURIC ACID ESTERS
(NO) RN given refers to parent cpd

1-naphthyl sulfate see naphthyl sulfate

naphthyl sulphate see naphthyl sulfate

1-naphthylthiourea see alpha-naphthyl thiourea

naphthyridinomycin
(RN) 62046-87-1
(HM) NAPHTHYRIDINES
(PA) ANTIBIOTICS
(NO) antibiotic isolated from culture filtrate of Streptomyces lusitanus; structure

NAPLL see N-alpha-palmitoyl-lysyllysine ethyl ester

NAPNG see N-(N-acetylprolyl)-N-nitrosoglycine

NAPP-PAA see LHRH, N-Ac-4-Cl-Phe(1,2)-Phe(3)-Arg(6)-AlaNH(2)(10)-

2,4-NAPS-ACTH see ACTH, 2-nitro-4-azidophenylsulfenyl-

NAPS-beta-EP see beta-endorphin, 2-nitro-4-azidophenylsulfenyl-

NAPSCL see 2-nitro-4-azidophenylsulfenyl chloride

NAP-serotonin see N-(2-nitro-4-azidophenyl)serotonin

NAP taurine
(RN) 57462-29-0
(SY) N-(4-azido-2-nitrophenyl)-2-aminoethylsulfonate
(HM) TAURINE/*analogs
(II) INDICATORS AND REAGENTS
(II) AFFINITY LABELS
(NO) photochemical labelling reagent for erythrocyte membrane; structure

NAPT-PAL see LHRH, N-Ac-4-Cl-Phe(1,2)-Trp(3)-Phe(6)-AlaNH(2)(10)-

NAPT-TAA see LHRH, N-Ac-4-Cl-Phe(1,2)-Trp(3)-Arg(6)-AlaNH(2)(10)-

narasin
(RN) 55134-13-9
(RR) 58331-17-2 (mono-Na salt)
(SY) 4-methylsalinomycin
(HM) *PYRANS
(PA) COCCIDIOSTATS
(PA) ANTIBIOTICS
(II) IONOPHORES
(NO) related to salinomycin & A28086B; structure; RN given refers to parent cpd

narciclasine
(RN) 29477-83-6
(HM) *ALKALOIDS
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(PA) ANTINEOPLASTIC AGENTS
(NO) antitumor alkaloid from bulbs of Narcissus species

narcodorm see pronarcon

nargenicin A1
(RN) 70695-02-2
(HM) LACTONES
(PA) ANTIBIOTICS
(NO) from Saccharopolyspora hirsuta; structure given in first source

naringenin
(RN) 480-41-1
(SY) 4',5,7-trihydroxyflavanone
(HM) *FLAVONES
(PA) ANTI-ULCER AGENTS
(NO) structure

naringin
(RN) 10236-47-2
(SY) 4',5,7-trihydroxyflavanone 7-rhamnoglucoside
(HM) *FLAVONES
(II) ANTIOXIDANTS
(NO) structure

naringinase
(RN) EC 3.2.1.-
(HM) *GLYCOSIDE HYDROLASES
(HM) *BETA-GLUCOSIDASES
(HM) *MULTIENZYME COMPLEXES
(NO) consists of rhamnosidase (EC 3.2.1.40) & BETA-GLUCOSIDASES (EC 3.2.1.21); used to remove rhamnose & glucose from naringin & other glycosides to obtain aglycones

nas
(RN) 64706-31-6
(HM) *TOBACCO
(NO) tobacco containing mixture

NaSCN see sodium thiocyanate

NASCS see N-acetyl-S-(2-cyanoethyl)cysteine

Na2SeO3 see selenious acid

NASGC see N-acetyl-S-glyceroylcysteine

NAS-Gly-PHE-4-Am-PIP see N-alpha-(2-naphthylsulfonylglycyl)-4-amidinophenylalanine piperidide

NASLC see N-acetyl-S-lactoylcysteine

Na(+)-succinate-cotransporter see sodium-succinate-cotransporter

NAT see N-acetyltalosaminuronic acid

Na(TcNCl4) see sodium tetrachloronitrido technetate

NATPS-RH-29 see somatotropin releasing hormone(1-29)amide, N-Ac-Tyr(1) -Phe(2)-

natural ATPase inhibitor IF(1) see ATPase inhibitory protein

natural killer cell activating factor see killer factor

natural killer cytotoxic factors see killer factor

naturally occuring diabetogenic substance see diabetogenic protein

naudicelle
(RN) 65546-85-2
(SY) gamma-linolenate
(HM) *LINOLENIC ACIDS

navelbine
(RN) 71486-22-1
(SY) 5'-nor-anhydrovinblastine
(HM) VINBLASTINE/*analogs
(PA) ANTINEOPLASTIC AGENTS
(NO) structure given in first source

navidrex-K
(RN) 83487-88-1
(HM) *CYCLOPENTHIAZIDE
(HM) *POTASSIUM CHLORIDE
(HM) DRUG COMBINATIONS
(PA) ANTIHYPERTENSIVE AGENTS
(NO) potassium supplement and diuretic in contrast to navidrex which is diuretic only

N3'-O-(3-(N-azido-2-nitrophenyl)amino)propionyl)NADP see arylazido-beta-alanyl-NADP

NAZPAC see 6-(2-nitro-4-azidophenylamino)caproate

Na2S see sodium sulfide

Na(2)S(2)O(5) see sodium metabisulfite

o-NBA see 2-nitrobenzyl acetate

NBAED see N,N'-bis(1-adamantyl)ethylenediamine

NBAG see 4-nitrobenzylidene aminoguanidine

NBDA-CoA see beta-(N-(7-nitro-2,1,3-benzoxadiazol-4-yl))alanyl-coenzyme A

NBD-5-acylcholine
(RN) 70214-86-7
(RR) 71160-07-1 (chloride)
(SY) N-7-(4-nitrobenzo-2-oxo-1,3-diazole)-omega-aminohexanoic acid beta-(N-trimethylammonium) ethyl ester
(HM) ACETYLCHOLINE/*analogs
(HM) *NBD CHLORIDE/analogs
(NO) fluorescent analog of acetylcholine; RN given refers to parent cpd

NBD-AE-MPF see 5-(7-nitrobenz-2-oxa-1,3-diazol-4-yl) aminoethylmethylphosphonofluoridate

NBD-AP-MPF see 5-(7-nitrobenz-2-oxa-1,3-diazol-4-yl)pentyl methylphosphonofluoridate

N-NBD-dilauroylphosphatidylethanolamine
(SY) N-(7-nitro-2,1,3-benzoxadiazol-4-yl)alpha-dilauroylphosphatidylethanolamine
(SY) NBD-DLPE
(HM) *PHOSPHATIDYLETHANOLAMINES
(HM) *NBD CHLORIDE/analogs
(II) FLUORESCENT DYES
(NO) fluorescent phospholipid probe

NBD-DLPE see N-NBD-dilauroylphosphatidylethanolamine

NBD-fluoride see 7-fluoro-4-nitrobenzo-2-oxa-1,3-diazole

NBDG see 6-deoxy-N-(7-nitrobenz-2-oxa-1,3-diazol-4-yl) aminoglucose

NBD-GC see 12-(N-methyl-N-(7-nitrobenz-2-oxa-1,3-diazol-4-yl)) aminododecanoylsphingosyl-1-O-beta-glucoside

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NBD-PE see N-(7-nitrobenz-2-oxa-1,3-diazol-4-yl) phosphatidylethanolamine

NBD-Ph see 7-nitrobenz-2-oxa-1,3-diazole-phallacidin

NBD-PS see
N-(7-nitro-2,1,3-benzoxadiazol-4-yl)phosphatidylserine

NBD-sphingomyelin see
N-4-nitrobenzo-2-oxa-1,3-diazoleaminocaproyl sphingosylphosphorylcholine

NBD-TAU see NBD-taurine

NBD-taurine

(SY) N-(2-aminoethylsulfonate)-7-nitrobenz-2-oxa-1,3-diazole
(SY) NBD-TAU
(SY) N-(7-nitrobenzofurazan-4-yl)taurine
(HM) TAURINE/*analogs
(HM) *OXADIAZOLES
(II) FLUORESCENT DYES

NBDTF see 4-nitrobenzene diazonium tetrafluoroborate

NBG-CGE see
N-benzyl-N-(3-(4-chlorophenoxy)-2-hydroxypropyl) glycine

NBGMTE see N-benzoylglycine methylthio ester

Nb-S(6)ITP see 6-((3-carboxy-4-nitrophenyl)thio)-9 beta-D- ribofuranosylpurine 5'-triphosphate

4-NBMI see 4-nitrobenzylthioinosine

NBMPR see 4-nitrobenzylthioinosine

NBMPR-P see nitrobenzylthioinosine 5'-monophosphate

NBODP see 7-nitrobenz-2-oxa-1,3-diazole-phallacidin

NBPDG see N(2)-(4-n-butylphenyl)-2'-deoxyguanosine

NBPDGT see N(2)-(4-n-butylphenyl)-2'-deoxyguanosine 5'- triphosphate

3-NBQ see 3-nitrobenzothiazolo(3,2a)quinolinium

NBrAD see nicotinamide-8-bromoadenine dinucleotide

NBTGR see 6-(4-nitrobenzylthio)guanosine

NBZG-PEG see 3-nitrobenzoylglycyl-polyethylene glycol

NBZSS see 4-nitrobenzyl selenosulfuric acid

NB 106-689 see fluperlapine

NCA see CEX

N1'-carboxybiotin

(RN) 6706-15-6
(SY) carboxybiotin
(HM) BIOTIN/*analogs
(NO) RN & N1 from 9th CI Form Index; RN given refers to (3aS-(3a alpha,4 beta,6a alpha))-isomer

NCA-2 see CEX

2-NCBG see S-(2-nitrocarbobenzoxy)glutathione

3-NCBG see S-(3-nitrocarbobenzoxy)glutathione

4-NCBG see S-(4-nitrocarbobenzoxy)glutathione

N3CCP see 4-azido-2-nitrocarbonylcyanide phenyl hydrazone

4-NCC see N-(4-hydroxyphenethyl)cotinine carboxamide

NCD-4 see
N-cyclohexyl-N'-(4-dimethylamino-alpha-naphthyl) carbodiimide

NCF-A see chemotactic factor, neutrophil

NCNPP see
N-(carboxymethyl)-4-(beta-1-naphthylvinyl)pyridinium

NeN-4924 see 2-tetradecylglycidyl-coenzyme A

NCO-700 sulfate see NCO 700

NCO-650 see NCO 650

NCO 650

(RN) 81907-78-0
(RR) 83373-31-3 (mono-HCl(trans)-isomer)
(SY) trans-4-guanidinomethylcyclohexanecarboxylic acid tert-butylphenyl ester
(SY) NCO-650
(HM) *CYCLOHEXANECARBOXYLIC ACIDS
(PA) ANTIHISTAMINICS
(NO) RN given refers to (trans)-isomer; RN for cpd without isomeric designation not in Chemline 8/2/83

NCO 700

(RN) 84579-82-8
(SY) NCO-700
(SY) bis(ethyl-3-(3-methyl-1-(4-(2,3,4-trimethoxyphenylmethyl)piperazin-1-ylcarbonyl) butylcarbamoyl)oxiran-2-carboxylate)
(SY) NCO-700 sulfate
(HM) *PIPERAZINES
(PA) PEPTIDE PEPTIDOHYDROLASES/antag
(NO) synthetic inhibitor of calcium-activated protease; structure given in first source

NCO-700 see NCO 700

NCP-DPCM see
2-nitro-4-carboxyphenyl-N,N-diphenylcarbamate

27-NC-3,7,12,24,25-PO see
27-nor-5beta-cholestane-3alpha,7alpha,12alpha,24xi, 25xi-pentol

2-NCPSC see 2-nitro-4-carboxyphenylsulfenyl chloride

NCS-Chrom see neocarzinostatin chromophore

NCS-Chrom A see neocarzinostatin chromophore

NCS-Chrom B see neocarzinostatin chromophore

NCS-Chrom C see neocarzinostatin chromophore

NCS-Chrom D see neocarzinostatin chromophore

NCS 56654 see azotomycin

NCS-56654 see azotomycin

NC 45 see ORG NC 45

NC 7197 see esproquin

NDAA see diallylnitrosamine

NDBA-F14 see
N-nitrosobis(2,2,3,3,4,4,4-heptafluorobutyl)amine

NDEA-F6 see N-nitrosobis(2,2,2-trifluoroethyl)amine

NdeI endonuclease see endodeoxyribonuclease NdeI

NDGA see nordihydroguaiaretic acid

NDGAP see N-(deoxyguanosin-8-yl)-1-aminopyrene

2'-NDG see BIOLF 62

NDHT see 1-nitroso-5,6-dihydrothymine

N3-dLVP see vasopressin,
1-deamino-(3-(4-azido-Phe))-8-Lys-

NDMA demethylase see dimethylnitrosamine N-demethylase

NDMP see N-desmethylmethoxyphenamine

NDPEA see
N-nitro-N-(2,3-dihydroxypropyl)-N-(2-hydroxyethyl) amine

NDPP see Ro 03-6156

NDP-sugar pyrophosphatase see nucleoside-diphosphosugar pyrophosphatase

NDS see diazonaphthalenedisulfonic acid

NDS-TEMPO see
N-4-(2,2,6,6-tetramethyl-1-oxyl)piperidinyl-N'-4-(4'-nitro-2,2'-stilbenedisulfonic acid)thiourea

Nd-YAG(laser) see neodymium-yttrium aluminum garnet

NEA cytochrome c see cytochrome c, N-epsilon-acetimidate

NEADP see 1,N(6)-ethenoadenosine diphosphate

neanthine

(RN) 123-88-6
(RR) 20350-01-0 (14C-labeled cpd)
(SY) methoxyethylmercury chloride
(SY) Agallol 3
(SY) Agallol 3
(HM) ETHYLMERCURY CHLORIDE/*analogs
(PA) FUNGICIDES, INDUSTRIAL
(NO) structure; RN given refers to parent cpd

nebacetin

(RN) 8025-63-6
(RR) 53765-20-1 (neomycin sulfate)
(SY) nebacitin
(HM) *BACITRACIN
(HM) *NEOMYCIN
(HM) DRUG COMBINATIONS
(PA) ANTI-INFLAMMATORY AGENTS, TOPICAL
(NO) contains bacitracin and neomycin

nebacitin see nebacetin

nebularine

(RN) 550-33-4
(SY) purine ribonucleoside
(SY) 9-(beta-D-ribofuranosyl)purine
(SY) purine riboside
(HM) RIBONUCLEOSIDES
(HM) PURINE NUCLEOSIDES
(PA) ANTIBIOTICS
(NO) structure

nebulin

(HM) *MUSCLE PROTEINS
(NO) giant myofibrillar protein approx MW 500,000; present in vertebrate & invertebrate striated muscle

NECA see N-ethyl adenosine-5'-uronamide

necatorin

(SY) 5-hydroxycoumaro(6,7-c)cinnoline
(SY) 5-hydroxycoumaro(7,8-c)cinnoline
(HM) *COUMARINS
(PA) MUTAGENS
(II) AGARICALES
(NO) from edible mushroom Lactarius necator; consists of above 2 isomeric forms

necic acid

(RN) 13588-16-4
(RR) 469-45-4 ((E)-isomer)
(HM) *DICARBOXYLIC ACIDS
(NO) occur as diesters of pyrrolizidine bases in alkaloids; RN given refers to (Z)-isomer; structure

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necrosin
(SY) macrophage cytotoxin
(HM) *CYTOTOXINS
(NO) from serum-free, cell-free supernatant of a murine macrophage cell line after treatment with bacterial endotoxin; composed of self-aggregating non-sulfhydryl-linked multimers of a 15,000 MW subunit; active multimeric forms are 70,000 & 55,000 MW; active against tumorigenic & normal cell lines of murine, bovine & human origins; similar to but distinct from tumor necrosis factor

nedocromil
(RN) 69049-73-6
(SY) nedocromil sodium
(SY) FPL-59002
(SY) FPL 59002
(SY) FPL-59002K
(SY) FPL 59002K
(SY) 9-ethyl-6,9-dihydro-4,6-dioxo-10-propyl-4H-pyrano(3,2-g)quinoline-2,8-dicarboxylic acid
(HM) *QUINOLINES

nedocromil sodium see nedocromil

NED 137
(RN) 74871-30-0
(SY) N-137
(SY) carboxyimamidate
(SY) Carbethimer
(SY) NSC 329514D
(HM) *POLYMERS
(PA) IMMUNOSTIMULANTS
(PA) ANTINEOPLASTIC AGENTS
(NO) partially imidized copolymer of ethylene & maleic anhydride with average MW approx 1,200 daltons; capable of specific stimulation of immune response

neem oil
(RN) 8002-65-1
(SY) nim oil
(SY) margosa oil
(HM) *GLYCERIDES
(HM) *TERPENES

nefurthiazole
(RN) 3570-75-0
(SY) 2-(4-(5-nitro-2-furyl)-2-thiazolyl)formic acid hydrazide
(HM) *NITROFURANS
(PA) CARCINOGENS
(PA) MUTAGENS
(NO) structure

negamycin
(RN) 33404-78-3
(RR) 38065-91-7 ((threo-L)-isomer)
(SY) (2-((3R,5R)-3,6-diamino-5-hydroxyhexanoyl)-1-methylhydrazino) acetic acid
(HM) AMINO ACIDS, DIAMINO
(PA) ANTIBIOTICS
(NO) broad spectrum hydrazide antibiotic obtained from Streptomyces species; action seems to be due to its binding to ribosomes & interference with amino coding in protein synthesis; precursor is probably leucyl-negamycin; minor descriptor (76-85); on-line & Index Medicus search AMINO ACIDS, DIAMINO (76-85); RN given refers to (threo-L)-isomer

Negatan
(RN) 9011-02-3
(SY) albocresil
(SY) vagothyl
(SY) albothyl
(SY) metacresol sulfonic acid polymer with formaldehyde
(SY) polydihydroxydimethyldiphenylmethanedisulfonic aicd
(SY) negatol
(SY) metacresol sulfonic acid polymer with methanal
(HM) *CRESOLS
(NO) anti-infective agent (vaginal)

negatol see Negatan

NEINH see norethindrone isonicotinyl hydrazone

nekal BX
(RN) 52627-01-7
(SY) diisobutyl naphthalenesulfonate
(HM) *NAPHTHALENESULFONATES
(II) DETERGENTS

nelex
(RN) 62929-01-5
(HM) *ARYL SULFONATES
(HM) *FORMALDEHYDE
(PA) ANTIFUNGAL AGENTS
(PA) ANTI-INFECTIVE AGENTS, LOCAL
(NO) solution containing condensation product of formalin & cresolsulfonic acid, 36%; dioxydimethyldiphenylmethanedisulfonic acid polymerate 36% in H2O, pH 0.6; pessaries 0.09g

nemacur see fenamiphos

nemagon see 1,2-dibromo-3-chloropropane

nematin see methyldithiocarbamate

NEM-TEMPO see 4-maleimido-2,2,6,6-tetramethylpiperidinooxyl

neoagarobiose hydrolase
(RN) EC 3.2.1.-
(HM) *DISACCHARIDASES
(NO) splits the disaccharide neoagarobiose to monosaccharides

neoagaroretraose hydrolase see neoagarotetra-ase

neoagarotetra-ase
(RN) EC 3.2.1.-
(SY) neoagaroretraose hydrolase
(HM) *GALACTOSIDASES

neo-angin
(RN) 50926-59-5
(HM) *BENZYL ALCOHOLS
(HM) *CRESOLS
(HM) *PLANT EXTRACTS
(HM) DRUG COMBINATIONS
(PA) ANTI-INFECTIVE AGENTS, LOCAL
(NO) combination of 2,4-dichlorobenzyl alcohol, 4-pentyl-3-cresol, anise oil, camphor oil, mentholatum, Menthae piperitae oil; used for throat infections

neo-biphyllin see neobiphylline

neobiphylline
(RN) 87531-63-3
(SY) neo-biphyllin
(HM) *THEOPHYLLINE
(HM) *DYPHYLLINE
(HM) AMINOPHYLLINE/*analogs
(HM) DRUG COMBINATIONS
(NO) combination of theophylline, dyphylline & proxyphylline used in asthma therapy

neobond II
(RN) 80341-20-4
(HM) *CHROMIUM ALLOYS
(II) DENTAL ALLOYS
(NO) cobalt-chromium alloy modified with iron, molybdenum, copper,silicon & tin

neocarzinostatin chromophore
(SY) NCS-Chrom
(SY) NCS-Chrom A
(SY) NCS-Chrom B
(SY) NCS-Chrom C
(SY) NCS-Chrom D
(HM) *NEOCARZINOSTATIN/analogs
(NO) nonprotein chromophore of neocarzinostatin which posseses full biological activity of native NCS; Chrom A & Chrom B are separated by HPLC; Chrom C is derived from Chrom A; Chrom D is inactive minor component

neochymotrypsinogen
(RN) EC 3.4.21.-
(SY) alanine-neochymotrypsinogen
(SY) threonine-neochymotrypsinogen
(SY) Thr-neochymotrypsinogen
(SY) Ala-neochymotrypsinogen
(HM) *CHYMOTRYPSINOGEN
(NO) a slowly activating form of chymotrypsinogen, forms chymotrypsin after tryptic cleavage; formed by a limited proteolysis of bovine chymotrypsinogen A by added alpha-chymotrypsin; further proteolysis at Asn 148-Ala 149 gives Ala-form & at Tyr 146-Thr 147 gives Thr-form

neocompensan see hemodes

neocopiamycin A
(SY) N-demethylcopiamycin
(HM) LACTONES
(PA) ANTIBIOTICS
(PA) ANTIBIOTICS, ANTIFUNGAL
(NO) from Streptomyces hygroscopicus var. crystallogenes; structure given in first source

neocuproine
(RN) 484-11-7
(RR) 41066-08-4 (HCl)
(RR) 7296-20-0 (mono-HCl)
(SY) 2,9-dimethyl-2-phenanthroline
(SY) 2,9-dimethyl-o-phenanthroline
(HM) *PHENANTHROLINES
(PA) ANTINEOPLASTIC AGENTS
(NO) Spectrophotometric determination of copper and ultramicro blood sugar determinations; structure; RN given refers to parent cpd

neodecadron see dexamethasone-21-phosphate

neodymium pyrocatechin disulfonate
(SY) NPD
(SY) neodymium pyrocatechin disulphonate
(HM) *NEODYMIUM
(HM) *CATECHOLS
(NO) rare earth metal complex

neodymium pyrocatechin disulphonate see neodymium pyrocatechin disulfonate

neodymium-yttrium aluminum garnet
(SY) Nd-YAG(laser)
(HM) *NEODYMIUM
(HM) *YTTRIUM
(HM) *ALUMINUM SILICATES
(II) LASERS
(NO) neodymium trapped in a crystalline matrix of yttrium aluminum garnet (silicate)

neo-enactin
(RN) 69772-39-0
(HM) *ANTIBIOTICS, ANTIFUNGAL

neo-gambogic acid
(HM) *BENZOPYRANS
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(II) PLANTS, MEDICINAL
(NO) from Gamboge (Garcinia hanburryi); structure given in first source

neohesperidin dihydrochalcone
(RN) 20702-77-6
(HM) *HESPERIDIN/analogs
(HM) *CHALCONE/analogs
(II) SWEETENING AGENTS

neohetramine see thonzylamine

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neoisostegane
(RN) 87084-98-8
(SY) 3a,4,13,13a-tetrahydro-5,6,7,10,11-pentamethoxydibenzo(4,5:6,7)-cycloocta(1,2-c) furan-3(1H)-one
(HM) *POLYCYCLIC COMPOUNDS
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(II) PLANTS, MEDICINAL
(NO) RN given from CA Index Guide; RN not in Chemline 12/84; structure

neo-kyotorphin
(RN) 83759-54-0
(SY) threonyl-seryl-lysyl-tyrosyl-arginine
(SY) Thr-Ser-Lys-Tyr-Arg
(HM) *ENDORPHINS
(PA) ANALGESICS
(NO) isolated from bovine brain; opioid peptide

neolactotetraosylceramide see paragloboside

neo-lidocaton forte
(SY) neo lidocaton forte
(HM) *LIDOCAINE
(HM) *VASOPRESSINS
(HM) *NOREPINEPHRINE
(HM) DRUG COMBINATIONS
(PA) ANESTHETICS, LOCAL
(NO) local anesthetic combination used in dentistry containing above 3 cpds in sterile Ringer's solution

neo lidocaton forte see neo-lidocaton forte

neolutin see 17 alpha-hydroxyprogesterone caproate

neomycin acetyltransferase see aminoglycoside acetyltransferase

neomycin C
(RN) 66-86-4
(RR) 63121-20-0 (mono-HCl)
(RR) 34289-38-8 (sulfate)
(HM) FRAMYCETIN/*analogs
(NO) RN given refers to parent cpd

neomycin phosphotransferase see kanamycin kinase

neomycin phosphotransferase II see kanamycin kinase

neonatal rat testicular secretory product see seminal plasma proteins

neonol
(RN) 63035-21-2
(HM) *POLYETHYLENE GLYCOLS
(II) SURFACE-ACTIVE AGENTS

neopentane
(RN) 463-82-1
(HM) *PENTANES

neopentyl bromide
(RN) 630-17-1
(HM) *HYDROCARBONS, BROMINATED
(NO) structure given in first source

neopentylglycine see gamma-methylleucine

neopentylglycol diacrylate
(RN) 2223-82-7
(SY) NPGDA
(HM) *ACRYLATES
(II) VEHICLES
(NO) structure given in first source

neopentyl methacrylate
(RN) 2397-76-4
(HM) *METHACRYLATES
(II) ALLERGENS

cis-1-(5-neopentyl-2-thienyl)-1-phenyl-4-pyrrolidinobut-1-ene see UK-9040

neopham see travasol

neopinamine see tetramethrin

neoplasm-associated factor
(SY) cancer-associated factor
(HM) *NEOPLASM PROTEINS
(II) BLOOD PROTEINS
(NO) protein MW 60,000; consistently present in plasma of cancer patients, but absent in healthy individuals; present in amniotic fluid

neo-plasminogen-Val(442) see plasminogen-valine

neo-plasmin-Val(442) see miniplasmin

neoplasmin-Val-442 see miniplasmin

neoplasm procoagulant A see cancer procoagulant

neoplastic procoagulant see cancer procoagulant

Neopress see ciclosidomine

neopterin
(RN) 670-65-5
(RR) 10162-32-0 ((threo-D)-isomer)
(RR) 2277-42-1 ((threo-L)-isomer)
(RR) 2277-43-2 ((erythro-L)-isomer)
(RR) 2009-64-5 ((erythreo-D)-isomer)
(RR) 7204-22-0 ((R*,R*)-isomer)
(SY) 2-amino-6-(1,2,3-trihydroxypropyl)-4(3H)-pteridinone
(HM) *BIOPTERIN/analogs
(NO) RN given refers to cpd without isomeric designation; structure

neopynamin see tetramethrin

neosamine C
(RN) 492-55-7
(SY) 2,6-diamino-2,6-dideoxy-D-glucose
(HM) GLUCOSAMINE/*analogs
(NO) sugar moiety found in ribostamycin

Neo Sampoon
(RN) 38193-77-0
(SY) p-menthanylphenyl polyoxyethylene ether
(SY) TS-88
(SY) Menphegal
(SY) Menphegol
(HM) *POLYETHYLENE GLYCOLS
(II) SURFACE-ACTIVE AGENTS
(II) CONTRACEPTIVE AGENTS, FEMALE
(NO) vaginal contraceptive tablet containing 60 mg Menphegol; active ingedient is a surface active agent known as p-menthanylphenyl polyoxyethylene ether also called TS-88 or menphegal; structure in UD 25:18h

neosaxitoxin
(RN) 64296-20-4
(HM) SAXITOXIN/*analogs

Neosone D see Neozone

Neosorexa see difenacoum

neospiramycin I
(RN) 70253-62-2
(HM) *LEUCOMYCINS
(NO) synthetic antibiotic; RN from CA

neosporin
(RN) 8057-37-2
(SY) neosporin cream
(HM) *NEOMYCIN
(HM) *POLYMYXIN B
(HM) *BACITRACIN
(HM) DRUG COMBINATIONS
(PA) ANTI-INFECTIVE AGENTS, LOCAL
(NO) RN given refers to one in Chemline for Neosporin listed as a mixture of bacitracin, neomycin & polymyxin B; RN for neosporin cream: 52218-57-2; USAN 1980 lists neosporin as neomycin sulfate & polymyxin B sulfate combination

neosporin cream see neosporin

neostibosan
(RN) 554-76-7
(HM) *ANILINE COMPOUNDS
(HM) *STILBENES
(PA) ANTIPROTOZOAL AGENTS

neosugar
(RN) 88385-81-3
(HM) *OLIGOSACCHARIDES
(II) SWEETENING AGENTS
(NO) mixture of 1F-(1-beta-fructofuranosyl), kestose & nystose; structure

neosurugatoxin
(RN) 80680-43-9
(HM) *MOLLUSK VENOMS
(II) SNAILS
(NO) from Japanese Ivory Shell, Babylonia japonica; structure given in first source

neotelomycin
(RN) 11015-47-7
(HM) PEPTIDES
(PA) ANTIBIOTICS

neoterramycin
(RN) 8057-00-9
(HM) NEOMYCIN
(HM) OXYTETRACYCLINE
(HM) DRUG COMBINATIONS
(NO) contains neomycin and oxytetracycline

neotetrazolium
(RN) 298-95-3
(HM) *TETRAZOLIUM SALTS

neothramycins
(RN) 67298-49-1
(HM) BENZODIAZEPINONES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(PA) ANTIBIOTICS
(NO) belong to anthramycin group of antibiotics possessing a benzodiazepine structure; RN in Chemline for neothramycin A: 59593-16-7; RN in Chemline for neothramycin B: 59593-15-6; structure

neotil
(RN) 85883-86-9
(HM) *NEOMYCIN
(HM) *LEUCOMYCINS
(HM) DRUG COMBINATIONS
(NO) combination of neomycin sulfate & tylosin for treating mastitis in cows

neoviridogrisein IV see etamycin

neoviridogriseins
(RN) 78308-34-6
(HM) PEPTIDES, CYCLIC
(PA) ANTIBIOTICS
(NO) RN in Chemline for neoviridogrisein IV (etamycin):299-20-7; neoviridogrisein II is homologue of viridogrisein in which hydroxyproline residue is replaced by proline; see also etamycin

Neovlar see stediril

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Neovletta see stediril

Neozone
(RN) 135-88-6
(SY) Neosone D
(SY) N-phenyl-2-naphthylamine
(SY) 2-anilinonaphthalene
(SY) phenyl beta-naphthylamine
(HM) *2-NAPHTHYLAMINE/analogs
(PA) CARCINOGENS

nephritis antigen
(SY) Heyman's nephritis antigen GP330
(SY) nephritis antigen (GP330)
(SY) nephritogenic antigen
(SY) Fx1A renal tubular antigen
(HM) *ANTIGENS, SURFACE
(II) KIDNEY GLOMERULUS/immunol
(II) AUTOANTIGENS
(NO) nephritogenic antigen of Heyman's nephritis; isolated from kidney microvillus membranes; MW 330,000; from bovine glomerular basement membrane

nephritis antigen (GP330) see nephritis antigen

nephritis-strain associated protein, group A streptococcus
(SY) NSAP-Strep
(HM) *BACTERIAL PROTEINS
(II) GLOMERULONEPHRITIS
(II) STREPTOCOCCUS PYOGENES
(II) ANTIGENS, BACTERIAL
(NO) extracellular protein associated with nephritogenic streptococci; MW 46,000; isolated from patient with acute post-streptococcal glomerulonephritis

nephritogenic antigen see nephritis antigen

nephritogenic glycopeptide see nephritogenoside

nephritogenic glycoprotein see nephritogenoside

nephritogenoside
(SY) nephritogenic glycopeptide
(SY) nephritogenic glycoprotein
(HM) *GLYCOPROTEINS
(II) RECEPTORS, CONCANAVALIN A
(NO) receptor glycoprotein for concanavalin A in rat glomerular basement membrane

nephroton
(RN) 79805-68-8
(HM) *PLANT EXTRACTS
(PA) DIURETICS

neplanocin A
(RN) 72877-50-0
(RR) 79082-33-0 ((HCl((1S-(1alpha,2alpha,5beta))-isomer)
(HM) ADENOSINE/analogs
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(PA) ANTIVIRAL AGENTS
(NO) neplanocins are antitumor antibiotics & carbocyclic analogs of purine nucleosides from Ampullarilla regularis A11079; see also neplanocin B, neplanocin C, neplanocin D & neplanocin F; structure in first source; RN given refers to parent cpd without isomeric designation

S-neplanocylmethionine
(RN) 90700-92-8
(SY) S-neplanocyl-L-methionine
(HM) ADENOSINE/*analogs
(HM) METHIONINE/*analogs
(NO) metabolite of neplanocin A; substrate for catechol-O-methyltransferase

S-neplanocyl-L-methionine see S-neplanocylmethionine

neptunium nitrate
(RN) 50454-43-8
(RR) 66327-87-5 (237Np-labeled cpd Np(5+))
(RR) 66320-31-8 (237Np-labeled cpd Np(6+))
(HM) *NEPTUNIUM
(HM) *NITRATES

nereistoxin
(RN) 1631-58-9
(RR) 30835-33-7 (oxalate[2:1])
(RR) 20121-11-3 (oxalate)
(RR) 1631-52-3 (monooxalate)
(RR) 71057-75-5 (HCl)
(SY) 4-N,N-dimethylamino-1,2-dithiolane
(HM) *MARINE TOXINS
(NO) toxin isolated from marine segmented worm, Lumbriconereis heterodopa; RN given refers to parent cpd

nerfactor see isaxonine

neriifolin
(RN) 466-07-9
(RR) 34302-25-5 ((3beta,5alpha)-isomer)
(RR) 560-67-8 (beta-D-glucopyranosyl cpd(3beta,5beta)-isomer)
(HM) *CARDENOLIDES
(PA) CARDIOTONIC AGENTS
(NO) structure in first source; RN given refers to alpha-L-glucopyranosyl(3beta,5beta)-isomer; RN for cpd without isomeric designation not in Chemline 6/84

Nerisona see diflucortolone valerate

nerobolil see nandrolone phenpropionate

nerobolyl see nandrolone phenpropionate

nerol see geraniol

nerol acetate see geraniol acetate

nerolidol
(RN) 7212-44-4
(RR) 40716-66-3 ((E)-isomer)
(RR) 3790-78-1 ((Z)-isomer)
(RR) 1119-38-6 ((S-(E))-isomer)
(RR) 142-50-7 ((S-(Z))-isomer)
(HM) *SESQUITERPENES
(NO) plant sesquiterpene; RN given refers to cpd without isomeric designation

Ner proteins see phage repressor proteins

nerve growth factor, beta subunit precursor
(SY) prepro-beta-NGF
(SY) prepro-NGF, beta
(HM) *NERVE GROWTH FACTORS
(HM) *PROTEIN PRECURSORS

nerve growth factor-inducible large external glycoprotein
(SY) NILE glycoprotein
(SY) NGF-inducible glycoprotein
(HM) *GLYCOPROTEINS
(II) NERVE GROWTH FACTORS
(NO) 230,000 cell surface glycoprotein in PC12 clone of pheochromocytoma cells undergoing neuronal differentiation induced by nerve growth factor

7S nerve growth factor protein
(SY) 7s-NGF
(SY) 7s-NGF-alpha
(SY) 7s-NGF-beta
(HM) *NERVE GROWTH FACTORS
(II) NERVE TISSUE PROTEINS
(NO) 7S complex in equilibrium with individual subunits

nerve growth factor receptor see nerve growth factors receptor

nerve growth factor receptors see nerve growth factors receptor

nerve growth factor-sensitive protein kinase see Nsp100 kinase

nerve growth factors receptor
(SY) RNGF (mouse)
(SY) receptor, nerve growth factors
(SY) nerve growth factor receptor
(SY) nerve growth factor receptors
(SY) nerve growth factors receptors
(SY) NGF receptor
(SY) receptors, nerve growth factors
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) NERVE GROWTH FACTORS

nerve growth factors receptors see nerve growth factors receptor

nerve tissue protein S 100, alpha subunit see nerve tissue protein S 100a

nerve tissue protein S 100, beta subunit see nerve tissue protein S 100b

nerve tissue protein S 100a
(SY) PAP-I-a protein
(SY) phenylalanine-rich acidic protein I-a
(SY) nerve tissue protein S 100, alpha subunit
(SY) S100a(0)
(HM) *NERVE TISSUE PROTEIN S 100
(II) CALCIUM-BINDING PROTEINS
(NO) dimer of two different subunits; one subunit is identical to one of the subunits of nerve tissue protein S 100b

nerve tissue protein S 100b
(SY) PAP-I-b protein
(SY) phenylalanine-rich acidic protein I-b
(SY) nerve tissue protein S 100, beta subunit
(HM) *NERVE TISSUE PROTEIN S 100
(II) CALCIUM-BINDING PROTEINS
(NO) phenylalanine-rich acidic protein component of nerve tissue protein S-100 with amino acid sequence homology to other calcium-binding proteins

nerve trophic factor see neurotrophic protein

nervonic acid
(RN) 506-37-6
(RR) 18175-85-4 (Na salt(Z)-isomer)
(RR) 18175-48-9 (K salt(Z)-isomer)
(HM) *FATTY ACIDS, UNSATURATED
(NO) RN given refers to (Z)-isomer; RN for cpd without isomeric designation not in Chemline 7/84

N-nervonylgalactosylsphingosine
(RN) 17283-91-9
(SY) C 24-cerebroside
(HM) *GALACTOSYLCERAMIDES

nervous system specific protein D1
(SY) NSSP D1
(SY) D1 protein, nerve tissue
(SY) brain-specific protein D1
(HM) *NERVE TISSUE PROTEINS
(NO) brain-specific membrane protein

nervous system specific protein D2
(SY) synaptic membrane protein D2
(SY) NSSP D2
(SY) neuronal membrane D2-protein
(SY) synaptic membrane glycoprotein D2
(SY) protein D2, nervous system
(SY) D2 protein, nerve tissue
(SY) brain-specific protein D2
(HM) *NERVE TISSUE PROTEINS
(II) GLYCOPROTEINS
(NO) integral membrane protein present on all bodies of neurites of cultured neurons from fetal rat brain; single polypeptide chain; MW from rat brain 139,000

nervous tissue specific protein D3
(SY) NSSP D3
(SY) D3 protein, nerve tissue
(SY) brain-specific protein D3
(HM) *NERVE TISSUE PROTEINS
(NO) brain-specific membrane protein

neryl pyrophosphate see geranyl pyrophosphate

Nestosyl ointment
(RN) 80127-69-1
(SY) Dutch Nestosyl ointment
(SY) Belgian Nestosyl ointment
(HM) *8-HYDROXYQUINOLINE
(HM) DRUG COMBINATIONS
(PA) ANESTHETICS, LOCAL
(II) BENZOCAINE
(II) MORPHOLINES
(NO) if Belgian preparation is used add BENZOCAINE to data form; if Dutch preparation is used add Pramocaine to data form; for treatment of eczema; each gram Belgian ointment contains benzocaine 20mg, butyl aminobenzoate 20mg, resorcinol 20mg, 8-hydroxyquinoline 0.06mg & zinc oxide 100mg; Dutch ointment contains pramocaine as local anesthetic agent instead of benzocaine & butyl aminobenzoate

netagen
(RN) 62057-27-6
(HM) *ESTRADIOL
(HM) *NORETHINDRONE
(HM) CONTRACEPTIVES, ORAL, COMBINED
(PA) CONTRACEPTIVE AGENTS, FEMALE
(NO) contains 4 mg 17 beta-estradiol & 3 mg norethindrone acetate

Netasya see Modicon

NeuAc(2-8)NeuGc(2-3)Gal(1-4)GlcNAc(1-3)Gal(1-4)Glc-Cer see disialosylneolactotetraosylceramide

neucrassin
(SY) cyclic phosphodiesterase regulatory protein, Neurospora
(HM) *FUNGAL PROTEINS
(II) NEUROSPORA CRASSA
(II) 2',3'-CYCLIC NUCLEOTIDE PHOSPHODIESTERASES

NEUDP see neutrophil basic protein

NeuNAc(alpha,2—73)Gal(beta,1—74)GlcNAc(beta,1—73)Gal(beta,1—74)Glc-Cer see sialosylparagloboside

neu oncogene protein p185
(SY) p185 oncogene protein neu
(HM) *PROTO-ONCOGENE PROTEINS, CELLULAR
(II) PROTEIN KINASES
(II) ONCOGENES
(NO) not viral; related to but distinct from erbB oncogene; glycosylated phosphoprotein; MW 185 daltons; possesses intrinsic tyrosine kinase activity

neural cell adhesion molecule see cell adhesion molecules

neural cell surface antigen BSP-2
(SY) BSP-2
(SY) BSP 2
(HM) *ANTIGENS, SURFACE
(NO) neural membrane glycoprotein with cell adhesion characteristics

neural cell surface antigen D2
(SY) D2 surface antigen
(HM) *ANTIGENS, SURFACE
(NO) N-CAM related molecule

neuramide
(HM) *PEPTIDES
(II) ADJUVANTS, IMMUNOLOGIC
(NO) polypeptide extract of animal origin with immunostimulant activity

neuraminate-O-acetylesterase see sialate O-acetylesterase

neuramin lactitol
(RN) 65907-88-2
(SY) neuraminyllactitol
(SY) sialyllactitol
(HM) *SIALIC ACIDS

neuraminlactose see N-acetylneuraminoyllactose

neuraminyllactitol see neuramin lactitol

neurofilament intermediate proteins see neurofilament proteins

neurofilament protein L
(HM) *INTERMEDIATE FILAMENT PROTEINS
(NO) amino acid sequence given in first source; different from neurofilament proteins M & H

neurofilament m-protein see neurofilament proteins

neurofilament proteins
(SY) neurofilament triplet proteins
(SY) heavy neurofilament protein
(SY) neurofilament intermediate proteins
(SY) neurofilament m-protein
(HM) *INTERMEDIATE FILAMENT PROTEINS
(II) BRAIN

neurofilament triplet proteins see neurofilament proteins

neurohormone C
(RN) 66105-50-8
(HM) *HYPOTHALAMIC HORMONES
(PA) VASODILATOR AGENTS
(NO) cardioactive, coronarydilatory substance from bovine hypothalamus; polycyclic cpd of non-peptide; structure

neurokinin alpha see substance K

neurokinin beta see neuromedin K

neuroleptic receptor
(SY) receptor, neuroleptic
(SY) receptors, tranquilizing agents, major
(SY) neuroleptic receptors
(HM) *RECEPTORS, DOPAMINE
(PA) TRANQUILIZING AGENTS, MAJOR

neuroleptic receptors see neuroleptic receptor

neuromedin B
(RN) 87096-84-2
(SY)
Gly-Asn-Leu-Trp-Ala-Thr-Gly-His-Phe-Met-NH2
(HM) *OLIGOPEPTIDES
(II) NERVE TISSUE PROTEINS
(NO) decapeptide isolated from porcine spinal cord

neuromedin C
(SY)
Gly-Asn-His-Trp-Ala-Val-Gly-His-Leu-Met-NH2
(HM) *OLIGOPEPTIDES
(II) NERVE TISSUE PROTEINS
(NO) decapeptide isolated from porcine spinal cord

neuromedin K
(RN) 86933-75-7
(SY)
Asp-Met-His-Asp-Phe-Phe-Val-Gly-Leu-Met-NH2
(SY) neurokinin beta
(HM) *OLIGOPEPTIDES
(II) NERVE TISSUE PROTEINS
(NO) decapeptide isolated from porcine spinal cord; RN given refers to (all-L)-isomer; RN for cpd without isomeric designation not in Chemline 8/84; amino acid sequence given in second source

neuromedin N
(SY) Lys-Ile-Pro-Tyr-Ile-Leu
(SY) lysyl-isoleucyl-prolyl-tyrosyl-isoleucyl-leucine
(HM) *NEUROTENSIN
(HM) *PEPTIDE FRAGMENTS
(NO) peptide from porcine spinal cord with amino acid sequence homologous to COOH-terminal sequence of neurotensin

neuromedin U 25
(SY) neuromedin U-25
(SY) NMU-25
(HM) *NERVE TISSUE PROTEINS
(NO) 25 amino acid peptide from pig spinal cord with uterine stimulating activity; amino acid sequence given in first source

neuromedin U-25 see neuromedin U 25

neuromedin U 8
(SY) neuromedin U-8
(SY) Tyr-Phe-Leu-Phe-Arg-Pro-Arg-Asn
(SY) NMU-8
(HM) *NERVE TISSUE PROTEINS
(NO) 8 amino acid oligopeptide from pig spinal cord with uterine stimulating activity

neuromedin U-8 see neuromedin U 8

neuromelanin
(HM) *MELANINS
(NO) lipomelanoprotein pigment found in human locus caeruleus & substantia nigra

neuronal membrane D2-protein see nervous system specific protein D2

neuronotrophic factors see neurotrophic protein

neuron-specific protein 9.5
(SY) PGP 9.5
(SY) protein gene product 9.5
(HM) *NERVE TISSUE PROTEINS
(NO) from neurons; used as a marker in studies of neuronal & neuroendocrine development

neuropeptide Y receptors see neuropeptide Y receptor

neuropeptide K
(HM) *NERVE TISSUE PROTEINS
(NO) 36 amino acid residue peptide which contains a substance K sequence at its C-terminus isolated from brain; amino acid sequence given in first source

neuropeptide Y-like immunoreactive peptide see neuropeptide Y

neuropeptide Y receptor
(SY) receptor, neuropeptide Y
(SY) neuropeptide Y receptors
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) NERVE TISSUE PROTEINS

neuropeptide tyrosine see neuropeptide Y

neuropeptide Y
(SY) neuropeptide tyrosine
(SY) neuropeptide Y-like immunoreactive peptide
(HM) *NERVE TISSUE PROTEINS
(PA) VASOCONSTRICTOR AGENTS
(NO) brain peptide of 36 amino acid residues from swine with similarities to pancreatic polypeptide

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neurophysin precursors
(SY) prooxyphysin
(SY) propressophysin
(SY) carboxy terminos of propresophysin
(SY) proneurophysin
(SY) MSEL-neurophysin
(SY) giant vasopressin precursors
(SY) prepro-AVP-NPII
(SY) prepro-arginine-vasopressin-neurophysin II
(HM) *NEUROPHYSINS
(HM) *PROTEIN PRECURSORS
(HM) *ARGIPRESSIN
(NO) amino acid sequence given in second source

neurospecific brain antigen 10-40-4
(SY) NSB antigen 10-40-4
(HM) *ANTIGENS
(II) NERVE TISSUE PROTEINS

Neurospora endonuclease see endonuclease S1 (Aspergillus)

Neurospora mitochondria outer membrane protein see mitochondrial pore protein

Neurospora nuclease see endonuclease S1 (Aspergillus)

neurosporene
(RN) 502-64-7
(RR) 10467-46-6 ((cis)-isomer)
(HM) *CAROTENOIDS
(NO) triterpenoid carotenoid; RN given refers to cpd without isomeric designation

neurotensin, 9-D-Arginine- see neurotensin, Arg(9)-

neurotensin, Arg(9)-
(RN) 63770-62-7
(RR) 76381-86-7 (monoacetate)
(SY) neurotensin, 9-D-Arginine-
(SY) 9-D-Arg NT
(SY) 9-D-Arg
(SY) 9-arginine-neurotensin
(HM) NEUROTENSIN/*analogs
(NO) RN given refers to (D)-isomer parent cpd

neurotensin, AZB-Trp(11) see 11-azidobenzoyl tryptophan neurotensin

neurotensin-degrading enzyme
(RN) EC 3.4.24.-
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) thiol-dependent metalloproteinase which cleaves the Arg(8)-Arg(9) bond of neurotensin

neurotensin-like immunoreactivity
(SY) NTLIR
(HM) *NERVE TISSUE PROTEINS
(II) NEUROTENSIN
(NO) located within amcrine cells of pigeon retina

neurotensin-11-phenylalanine see neurotensin, Phe(11)-

neurotensin, Phe(11)-
(RN) 64088-66-0
(SY) Phe(11)-neurotensin
(SY) 11-phenylalanine-neurotensin
(SY) neurotensin-11-phenylalanine
(HM) NEUROTENSIN/*analogs
(NO) Tyr(11) replaced by Phe

neurotensin receptor
(SY) receptor, neurotensin
(SY) neurotensin receptors
(HM) *SYNAPTIC RECEPTORS
(II) NEUROTENSIN

neurotensin receptors see neurotensin receptor

neurotensin-related hexapeptide
(RN) 85213-84-9
(SY) LANT-6
(SY) Lys(8)-Asn(9)-neurotensin(8-13)
(SY) H-Lys-Asn-Pro-Tyr-Ile-Leu-OH
(SY) lysyl-asparaginyl-prolyl-tyrosyl-isoleucyl-leucinol
(HM) *OLIGOPEPTIDES
(II) NEUROTENSIN
(NO) from chicken intestine

neurotensin-Trp 11 see (D-Trp(11))-NT

neurotensin(1-10)
(SY) pGlu-Leu-Tyr-Glu-Asn-Lys-Pro-Arg-Arg-Pro
(HM) *NEUROTENSIN
(HM) *PEPTIDE FRAGMENTS

neurotensin(1-8)
(SY) pGlu-Leu-Tyr-Glu-Asn-Lys-Pro-Arg
(HM) *NEUROTENSIN
(HM) *PEPTIDE FRAGMENTS

neurotoxic esterase
(RN) EC 3.1.1.-
(SY) phenylvalerate esterase
(HM) *CARBOXYLIC ESTER HYDROLASES
(NO) site of biochemical lesion in delayed neuronal degeneration produced by certain organophosphorus esters; insensitive to organophosphorus cpds such as paraoxon, but sensitive to mipafox

neurotoxic protein AX-I see toxin I (Anemonia sulcata)

neurotoxin receptor
(SY) neurotoxin receptors
(SY) receptor, neurotoxin
(HM) *RECEPTORS, CHOLINERGIC
(II) NEUROTOXINS

neurotoxin receptors see neurotoxin receptor

neurotrophic factor see neurotrophic protein

neurotrophic protein
(SY) neurotrophic factor
(SY) neuronotrophic factors
(SY) nerve trophic factor
(SY) retrophins
(SY) retrogradely transported trophic proteins
(HM) *NERVE TISSUE PROTEINS
(NO) isolated from peripheral nerves; enhances morphological differentiation, stimulates protein synthesis, increases creatine kinase activity of cultured muscle cells & regulates acetylcholinesterase activity in cultured muscle cells

neurotropin
(RN) 57657-35-9
(HM) *POLYSACCHARIDES
(PA) ANALGESICS
(PA) IMMUNOSTIMULANTS
(NO) polysaccharide extracted from the inflammatory skin of rabbits treated with vaccinia virus

neutral endopeptidase
(RN) EC 3.4.24.-
(SY) neutral protease
(SY) neutral proteinases
(HM) *PEPTIDE PEPTIDOHYDROLASES

neutral insulin see insulin, neutral

neutral microprotein see alpha(1)-microglobulin

neutral protease see neutral endopeptidase

neutral proteinases see neutral endopeptidase

neutral thiol proteinase see thiol proteinases

Neutraseal
(HM) *DENTAL MATERIALS
(II) DENTAL CAVITY LINING

neutrophil adherence-stimulating factor see chemotactic factor, neutrophil

neutrophil adhesion glycoproteins see glycoprotein 110

neutrophil basic protein
(SY) NEUDP
(SY) neutrophil-derived protein
(SY) neutrophil cationic protein
(SY) lysosomal cationic protein
(HM) *BLOOD PROTEINS
(NO) isolated from lysosomal secretion granules of human granulocytes; neutrophil-derived protein found only in cytosol of neutrophils & constitutes at least 6% of the total protein of the neutrophil with MW approx 34-36,000

neutrophil cationic protein see neutrophil basic protein

neutrophil chemotactic factor see chemotactic factor, neutrophil

neutrophil-derived protein see neutrophil basic protein

neutrophil DF antigen see differentiation antigens, neutrophil

neutrophil differentiation antigen see differentiation antigens, neutrophil

neutrophil glycoprotein Gp150
(SY) neutrophil GP150
(HM) *GLYCOPROTEINS
(II) NEUTROPHILS
(II) MEMBRANE PROTEINS
(NO) missing in patients suffering from congenital defects of neutrophil functions

neutrophil GP150 see neutrophil glycoprotein Gp150

neutrophil immobilizing factor see neutrophil migration inhibitory factor

neutrophil migration inhibitory factor
(SY) NIF-T
(SY) neutrophil immobilizing factor
(HM) *LYMPHOKINES
(II) NEUTROPHILS/drug eff
(II) CELL MOVEMENT/drug eff
(NO) from T lymphocytes; inhibits migration of human neutrophils; characterized by electrophoresis & microassay

neutrophil-specific antigen
(SY) PMN-7 antigen
(HM) *ANTIGENS, SURFACE
(II) NEUTROPHILS
(NO) involved in respiratory burst

neuwiedi hemorrhagic factor A see crotalid hemorrhagic factor A

neuwiedi hemorrhagic factor B see crotalid hemorrhagic factor B

nevadensin
(RN) 10176-66-6
(HM) *BIOFLAVONOIDS
(PA) ANTITUBERCULAR AGENTS
(PA) ANTIHYPERTENSIVE AGENTS
(NO) from Lysionotus pauceflora Maxim; RN & N1 from 9th CI

newberyite see magnesium phosphate

newberyte see magnesium phosphate

new coccine
(RN) 2611-82-7
(SY) ponceau 4R
(SY) E 124
(SY) cochineal red A
(SY) C.I. food red 16255
(HM) *AZO COMPOUNDS
(II) DYES
(II) FOOD COLORING AGENTS
(NO) structure

new fuchsin
(RN) 3248-91-7
(SY) C.I. Basic Violet 2 monohydrochloride
(SY) fuchsin NB
(HM) *ROSANILINE DYES

new methylene blue
(RN) 1934-16-3
(SY) Sigma B-4631
(SY) basic blue 24
(HM) METHYLENE BLUE/*analogs
(II) DYES

New True Dentalloy
(RN) 39344-45-1
(HM) *DENTAL ALLOYS

nexins see protease-nexin

neyarthros
(SY) neyarthros, Staerke III
(HM) *TISSUE EXTRACTS
(NO) cell extract from young animals; also contains sodium lauryl sulfate; affects cartilage after intra-articular administration

neyarthros, Staerke III see neyarthros

neytumorin
(RN) 81989-44-8
(SY) neytumorin-sol
(HM) *TISSUE EXTRACTS
(PA) ANTINEOPLASTIC AGENTS
(NO) macromolecular extract from various organs

neytumorin-sol see neytumorin

NFA-1 see fecal antigen-1, normal

NFD see N-formyl-13-dihydrocarminomycin

NFFAHA see 3-(5-nitrofurfurylideneamino)hydantoic acid

4-NFF see 4-nitrofurfural

NFMSLP see N-formylmethionyl sulfoxide-leucyl-phenylalanine

NFO
(HM) NEOCARZINOSTATIN
(HM) FLUOROURACIL
(HM) PICIBANIL
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above 3 cpds

NFPLP see 2-nor-2-formylpyridoxal-5'-phosphate

NF protocol
(HM) NEOCARZINOSTATIN
(HM) FLUOROURACIL
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above 2 cpds

NFTA see furothiazole

4-NFT see 4-(5-nitro-2-furyl)thiazole

NF 602 see furaltadon

NF 902 see furaltadon

ngaione see ipomeamarone

7s-NGF-alpha see 7S nerve growth factor protein

7s-NGF-beta see 7S nerve growth factor protein

NGF-inducible glycoprotein see nerve growth factor-inducible large external glycoprotein

NGF receptor see nerve growth factors receptor

7s-NGF see 7S nerve growth factor protein

NGHPATGL see acetylnorleucyl-glutamyl-histidyl-phenylalanyl-arginyl-tryptophyl-glycyl-lysinamide

NGNA see N-glycolylneuraminic acid

NGP see CEX

N2-guanine RNA methyltransferase see tRNA (guanine-2-)-methyltransferase

NHB-PPT see bucetin

NHEG see N-(2-hydroxyethyl)-N-carboxymethylnitrosamine

NH4(+)-K(+)-exchanger see ammonium-potassium antiporter

NHFa see crotalid hemorrhagic factor A

NHFb see crotalid hemorrhagic factor B

NHMMB see N-hydroxymethyl-N-methylbenzamide

NHO
(HM) PICIBANIL
(HM) NEOCARZINOSTATIN
(HM) FLUOROURACIL/analogs
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of picibanil, neocarzinostatin & 1-hexylcarbamoyl-5-fluorouracil

p-NH2-PE-TFMPP see LY 165163

4-(4-NH2-Phe)-8-Trp-somatostatin see somatostatin, 4-(4-NH2-Phe)-8-Trp-

(NH3)5-Ru(+3)-His(83)-Ax see pentaammineruthenium azurin(histidine-83) complex

NHS-ASA see 4-azidosalicylic acid N-hydroxysuccinimide ester

NH(4)-Tyr-Pro-Phe-Pro-CONH(2) see morphiceptin

niadenate
(RN) 82601-22-7
(HM) *NICOTINIC ACIDS
(PA) ANTILIPEMIC AGENTS
(NO) prodrug of nicotinic acid & tiadenol; structure given in second source

Niagaramite see aramite

Niagara sky blue 6B see pontamine sky blue

niagara 1240 see ethion

nialate see ethion

Ni-aluminide alloy see nickel-aluminum alloy

NIA 33297 see permethrin

nibufin
(RN) 1224-64-2
(SY) p-nitrophenyl dibutylphosphinic acid
(SY) p-nitrophenyl di-N-butylphosphinate
(SY) 4-nitrophenyl dibutylphosphinic acid
(HM) *ORGANOPHOSPHORUS COMPOUNDS
(PA) CHOLINESTERASE INHIBITORS
(NO) structure

nicametate
(RN) 1641-74-3
(RR) 2572-63-6 (cpd with unspecified citrates locant)
(SY) Euclidan
(SY) 2-(diethylaminoethyl)nicotinate citrate
(SY) 3-(diethylaminoethoxycarbonyl)pyridine citrate
(SY) Provasan
(HM) *NICOTINIC ACIDS
(PA) VASODILATOR AGENTS
(NO) RN given refers to parent cpd; structure

nicardipine
(RN) 55985-32-5
(RR) 54527-84-3 (HCl)
(RR) 69441-18-5 (unspecified HCl)
(RR) 76093-36-2 ((-)-isomer)
(RR) 76093-35-1 ((+)-isomer)
(RR) 74908-96-6 (2H-labeled cpd mono-HCl)
(SY) (2,6-dimethyl-4-(3-nitrophenyl)-1,4-dihydropyridine-3,5-dicarboxylic acid 3-(2-(N-benzyl-N-methylamino))ethyl ester 5-methyl ester.HCl
(SY) 2-(N-benzyl-N-methylamino)-ethyl methyl 2,6-dimethyl-4-(m-nitrophenyl)-1,4-dihydropyridine-3,5-dicarboxylate hydrochloride
(SY) YC-93
(HM) NIFEDIPINE/*analogs
(PA) VASODILATOR AGENTS
(PA) CALCIUM CHANNEL BLOCKERS
(PA) ANTIHYPERTENSIVE AGENTS
(NO) RN given refers to cpd without isomeric designation & from 9th CI Form Index; structure in Negwer, 5th ed, #5493 & in tenth source

nickel acetate see acetic acid glacial

nickel-aluminum alloy
(SY) Ni-aluminide alloy
(HM) *NICKEL
(HM) *ALUMINUM
(II) ALLOYS

nickel arsenide
(RN) 12255-80-0
(HM) *NICKEL
(HM) *ARSENIC

nickel-binding glycoprotein see nickel-sequestering renal glycoprotein

nickel carbonate
(RN) 3333-67-3
(HM) *NICKEL

nickel carbonyl
(RN) 13463-39-3
(RR) 12612-55-4 (cpd with unspecified MF)
(HM) *NICKEL
(HM) *ORGANOMETALLIC COMPOUNDS
(PA) ANTINEOPLASTIC AGENTS
(NO) RN given refers to cpd with MF of Ni-(CO)4; structure

nickel chloride
(RN) 7718-54-9
(RR) 7791-20-0 (hexahydrate)
(RR) 37211-05-5 (cpd with unspecified MF)
(RR) 13931-83-4 (Ni-Cl)
(RR) 25965-88-2 (monohydroxide)
(RR) 12410-15-0 (trihydroxide)
(RR) 17638-48-1 (dihydrate)
(RR) 52780-21-9 (heptahydrate)
(RR) 34304-82-0 (tetrahydrate)
(RR) 70258-83-2 (hemihydrate)
(RR) 69098-15-3 (hydrate)
(RR) 15859-42-4 (monohydrate)
(HM) *NICKEL
(NO) RN given refers to cpd with MF of Ni-Cl2

nickel hemoglobin A
(SY) NiHbA
(HM) *HEMOGLOBIN A
(NO) hemoglobin A in which nickel replaces iron moiety

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nickel hydroxide (II)
(RN) 12054-48-7
(RR) 12125-56-3 (Ni-(OH)3)
(RR) 11113-74-9 (cpd with unspecified MF)
(SY) NiOH2
(SY) nickel(II)hydroxide
(HM) *NICKEL
(HM) *HYDROXIDES
(NO) RN given refers to cpd with MF of Ni-(OH)2

nickel(II)hydroxide see nickel hydroxide (II)

nickel-iron hydrogenase
(RN) EC 1.12.-
(HM) *HYDROGENASE
(NO) from Desulfovibrio multispirans

nickel monoxide
(RN) 1313-99-1
(SY) nickel oxide
(HM) *NICKEL

nickel nitrate
(RN) 13138-45-9
(RR) 13478-00-7 (hexahydrate)
(HM) *NICKEL
(NO) RN given refers to cpd with MF of Ni-(HNO3)2

nickel oxide see nickel monoxide

nickel rutile yellow
(RN) 8007-18-9
(SY) C.I. pigment yellow 53
(SY) C.I. No.77310
(HM) *TITANIUM
(HM) *ANTIMONY
(HM) *NICKEL
(II) DYES
(NO) mixed-phase dye based on titanium dioxide (rutile) in which titanium ions are partialy replaced by nickel & antimony ions

nickel-sequestering renal glycoprotein
(SY) NSRGP
(SY) nickel-binding glycoprotein
(HM) *CARRIER PROTEINS
(HM) *NICKEL
(NO) MW 15,000-16,000 glycoprotein from rat kidney

nickel subsulfide
(RN) 12035-72-2
(HM) *NICKEL
(PA) CARCINOGENS
(NO) RN given refers to cpd with MF of Ni3-S2; see also nickel sulfide: 16812-54-7; structure

nickel sulfate
(RN) 7786-81-4
(RR) 15905-81-4 (cpd with unspecified MF)
(RR) 10101-98-1 (heptahydrate)
(RR) 10101-97-0 (hexahydrate)
(RR) 15305-23-4 (hexa(hydrate-(2)H)-labeled cpd)
(RR) 15244-37-8 (hydrate)
(RR) 14168-76-4 (monohydrate)
(HM) *NICKEL
(II) IRRITANTS
(NO) RN given refers to cpd with MF of Ni(2+)-H2SO4

nickel sulfide
(RN) 16812-54-7
(RR) 1314-04-1 (duplicate RN)
(RR) 12137-08-5 (Ni2-S)
(RR) 11113-75-0 (cpd with unspecified MF)
(SY) nickel sulphide
(SY) millerite
(HM) *NICKEL
(NO) RN given refers to cpd with MF of Ni-S; see also nickel subsulfide: 12035-72-2

nickel sulphide see nickel sulfide

nickel-titanium alloy see titanium nickelide

nickel-zinc ferrite
(RN) 12645-50-0
(HM) *FERRIC COMPOUNDS
(HM) *NICKEL
(HM) *ZINC

nicoflavin
(HM) *VASODILATOR AGENTS
(NO) no other info available 1/28/83

nicofuranose
(RN) 15351-13-0
(SY) 1,3,4,6-tetranicotinoyl fructofuranose
(SY) bradilan
(SY) cardilan
(SY) vasperdil
(SY) nicofurazone
(SY) 1,3,4,6-tetranicotinoyl fructose
(HM) NIACIN/*analogs
(PA) VASODILATOR AGENTS
(NO) derivative of nicotinic acid that produces fewer side effects than pure nicotinic acid; used in peripheral vascular disease; also proposed as anticholesteremic; minor descriptor (75-84); on-line search NIACIN/AA (75-84); Index Medicus search NIACIN/AA (83-84), NICOTINIC ACIDS (75-82)

nicofurazone see nicofuranose

nicogamol see nikogamol

nicomol
(RN) 27959-26-8
(SY) 2-hydroxy-1,1,3,3,-cyclohexatetramethanol-1,1,3,3 -tetranicotinate
(SY) K-31
(SY) 2,2,6,6-tetrakis(nicotinoyloxymethyl) cyclohexanol
(HM) *NICOTINIC ACIDS
(PA) ANTICHOLESTEREMIC AGENTS
(NO) structure

nicomorphine
(RN) 639-48-5
(RR) 35055-78-8 (HCl)
(SY) morphine dinicotinate
(SY) bis(nicotinyl)morphine
(SY) vilan
(HM) *MORPHINE DERIVATIVES
(HM) NICOTINIC ACIDS
(NO) RN given refers to parent cpd

nicophezon see nifenazone

Nicopyron see nifenazone

nicorandil
(RN) 65141-46-0
(RR) 65141-45-9 (mono-HCl)
(SY) 2-nicotinamidethyl nitrate
(SY) 2-nicotinamidoethyl nitrate
(SY) SG 75
(SY) N-(2-hydroxyethyl)nicotinamide nitrate ester
(SY) SG-75
(HM) NICOTINAMIDE/*analogs
(PA) VASODILATOR AGENTS
(PA) MONOAMINE OXIDASE INHIBITORS
(NO) increase in blood flow of coronary artery; RN given refers to parent cpd; structure in USAN 1982, p.322

nicotinaldehyde see 3-pyridinaldehyde

nicotinamide adenine dinucleotide phosphatase see 2'-nucleotidase

nicotinamide-S-adenosylmethionine methyltransferase see nicotinamide methyltransferase

nicotinamide-beta-riboside
(RN) 1341-23-7
(SY) nicotinamide riboside
(SY) nicotinamide ribonucleoside
(HM) NICOTINAMIDE/*analogs
(NO) structure

nicotinamide-8-bromoadenine dinucleotide
(RN) 52977-37-4
(SY) NBrAD
(HM) NAD/*analogs
(NO) RN from first source; RN not in Chemline 11/83

nicotinamide 1,N(6)-ethenoadenine dinucleotide
(RN) 38806-38-1
(SY) epsilon NAD
(SY) 1,N(6)-etheno-NAD
(HM) NAD/*analogs
(NO) structure

nicotinamide-hypoxanthine dinucleotide
(RN) 22052-73-9
(SY) HypNADH
(SY) reduced nicotinamide hypoxanthine dinucleotide
(SY) deamino-NADH
(HM) NAD/*analogs

nicotinamide methylase see nicotinamide methyltransferase

nicotinamide methyltransferase
(RN) EC 2.1.1.1
(RR) 9029-74-7 (CRN)
(SY) nicotinamide methylase
(SY) nicotinamide-S-adenosylmethionine methyltransferase
(HM) *METHYLTRANSFERASES
(NO) catalyzes reversibly the methylation of nicotinamide in the presence of S-adenosylmethionine to yield 1-methylnicotinamide & S-adenosylhomocysteine

nicotinamide N-oxide
(RN) 1986-81-8
(HM) NICOTINAMIDE/*analogs

nicotinamide phosphoribosyltransferase
(RN) EC 2.4.2.12
(RR) 9030-27-7 (CRN)
(HM) *PENTOSYLTRANSFERASES
(NO) utilizes nicotinamide, Mg(2+), PRPP & ATP

nicotinamide ribonucleoside see nicotinamide-beta-riboside

nicotinamide riboside see nicotinamide-beta-riboside

2-nicotinamidethyl nitrate see nicorandil

2-nicotinamidoethyl nitrate see nicorandil

nicotinanilide
(RN) 1752-96-1
(RR) 69135-90-6 (mono-HCl)
(HM) *NICOTINIC ACIDS
(PA) MOLLUSCACIDES
(NO) RN given refers to parent cpd

nicotinate dehydrogenase
(RN) EC 1.5.1.13
(SY) nicotinic acid hydroxylase
(HM) *AMINE OXIDOREDUCTASES

nicotinate mononucleotide
(RN) 321-02-8
(SY) nicotinic acid ribonucleotide
(SY) nicotinic acid mononucleotide
(HM) NICOTINAMIDE MONONUCLEOTIDE/*analogs

nicotinatemononucleotide pyrophosphorylase (carboxylating)
(RN) EC 2.4.2.19
(RR) 37277-74-0 (CRN)
(SY) quinolinic acid phosphoribosyltransferase
(SY) quinolinate phosphoribosyltransferase
(HM) *PENTOSYLTRANSFERASES

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nicotinate phosphoribosyltransferase
(RN) EC 2.4.2.11
(RR) 9030-26-6 (CRN)
(SY) nicotinic acid phosphoribosyltransferase
(HM) *PENTOSYLTRANSFERASES

nicotine delta 1'(5)' iminium ion see nicotine imine

nicotine imine
(RN) 74710-78-4
(SY) nicotine delta 1'(5)' iminium ion
(SY) nicotine iminium
(HM) NICOTINE/*analogs
(NO) RN given refers to 11C-labeled (S)-isomer; RN for cpd without isomeric designation & unlabeled cpd not in Chemline 7/8/83

nicotine iminium see nicotine imine

nicotine N-methyltransferase see azaheterocycle N-methyltransferase

nicotine oxidase
(RN) EC 1.5.3.-
(HM) *OXIDOREDUCTASES
(NO) cytochrome P-450 enzyme

nicotine 1-N-oxide
(RN) 63551-14-4
(RR) 51464-73-4 ((R)-isomer)
(RR) 51095-86-4 ((1S-cis)-isomer)
(RR) 51020-67-8 ((1R-trans)-isomer)
(RR) 29419-55-4 ((1S-trans)-isomer)
(RR) 29419-54-3 ((1R-cis)-isomer)
(RR) 23155-03-5 (di-HCl(S)-isomer)
(RR) 2820-55-5 ((S)-isomer)
(RR) 491-26-9 ((2S)-isomer)
(RR) 51665-76-0 (di-HCl(1R-trans)-isomer)
(RR) 51665-77-1 (di-HCl(1S-trans)-isomer)
(RR) 54802-46-9 (14C-labeled cpd)
(SY) nicotine-1'-N-oxide
(HM) NICOTINE/*analogs
(HM) *CYCLIC N-OXIDES
(NO) RN given refers to unspecified stereoisomer

nicotine-1'-N-oxide see nicotine 1-N-oxide

nicotinic acid adenine dinucleotide
(RN) 6450-77-7
(SY) deamidonicotinamide adenine dinucleoetide
(SY) deamido-NAD
(HM) NAD/*analogs
(NO) intermediate in the biosynthesis of NAD

nicotinic acid, ethyl ester see ethylnicotinate

nicotinic acid hydroxylase see nicotinate dehydrogenase

nicotinic acid mononucleotide see nicotinate mononucleotide

nicotinic acid mononucleotide adenylyltransferase
(RN) EC 2.7.7.18
(HM) *NUCLEOTIDYLTRANSFERASES

nicotinic acid phosphoribosyltransferase see nicotinate phosphoribosyltransferase

nicotinic acid ribonucleotide see nicotinate mononucleotide

nicotinic hexaester of D-glucitol see glucitol hexanicotinate

2-(nicotinoylaminoethanesulfonylamino) pyridine
(RN) 31644-54-9
(SY) 2-NAESAP
(HM) NICOTINAMIDE/*analogs
(PA) ANTI-ULCER AGENTS
(NO) structure given in first source

nicotinoyl-GABA
(RN) 34562-97-5
(SY) GABA-NG
(HM) GABA/*analogs

nicotinoyl methylcellulose
(HM) *NICOTINIC ACIDS

nicotinoylprocaine
(RN) 13424-56-1
(RR) 14995-78-9 (HCl)
(RR) 19559-28-5 (mono-HCl)
(HM) PROCAINE/*analogs
(NO) RN given refers to parent cpd

nicotinuric acid
(RN) 583-08-4
(RR) 16277-64-8 (mono-Na salt)
(HM) *NICOTINIC ACIDS
(NO) RN given refers to parent cpd

nictindole
(RN) 36504-64-0
(SY) L 8027
(SY) L8027
(SY) L-8027
(SY) 2-isopropyl-nicotinyl-indole
(HM) *INDOLES
(PA) ANTI-INFLAMMATORY AGENTS
(NO) structure

NIDBT see N-isobutyloxycarbonyl-di-n-butylamide-taurine

nidogen
(HM) *MEMBRANE PROTEINS
(II) NEOPLASM PROTEINS
(II) BASEMENT MEMBRANE
(NO) self-aggregating basement membrane protein purified from mouse tumor

nifA protein see gene proteins, bacterial

m-nifedipine see 1,4-dihydro-2,6-dimethyl-4-(3-nitrophenyl)-3,5-pyridinedicarboxylic acid dimethyl ester

nifedipine receptor see calcium channel blocker receptor

3-nifedipine see 1,4-dihydro-2,6-dimethyl-4-(3-nitrophenyl)-3,5-pyridinedicarboxylic acid dimethyl ester

nifenazone
(RN) 2139-47-1
(RR) 51658-08-3 (di-HCl)
(SY) nicophezon
(SY) N-antipyrinylnicotinamide
(SY) Nicopyron
(SY) nikofezon
(HM) NICOTINAMIDE/*analogs
(HM) ANTIPYRINE/*analogs
(PA) ANALGESICS, ANTI-INFLAMMATORY
(NO) RN given refers to parent cpd; structure

nifJ protein see gene proteins, bacterial

niflan see pyranoprofen

niflumic acid beta-morpholinoethyl ester see morniflumate

nifluridide
(RN) 61444-62-0
(SY) (N-(2-amino-3-nitro-5-(trifluoromethyl)phenyl))-2,2,3,3-tetrafluoropropanamide
(HM) *NITROBENZENES
(PA) TRYPANOCIDAL AGENTS
(PA) INSECTICIDES

nifluril-gel
(HM) NIFLUMIC ACID/*analogs
(HM) *HEXETIDINE
(HM) DRUG COMBINATIONS
(II) GELS
(NO) combination of niflumic acid glycinamide & hexetidine in gel form for gingival disease therapy

Nifran see pyranoprofen

NIF-T see neutrophil migration inhibitory factor

nifuroxazide
(RN) 965-52-6
(SY) p-hydroxybenzoic acid (5-nitrofurfurylidene) hydrazide
(SY) ercefuryl
(HM) *NITROFURANS
(HM) *HYDROXYBENZOIC ACIDS
(PA) ANTI-INFECTIVE AGENTS
(NO) structure

nifurpipone
(RN) 24632-47-1
(RR) 56217-90-4 (maleate[1:1])
(RR) 51799-31-6 (unspecified maleate)
(RR) 56217-89-1 (mono-HCl)
(RR) 24632-48-2 (di-HCl)
(RR) 51799-28-1 (unspecified HCl)
(RR) 51799-29-2 (acetate)
(SY) 4-methyl-1-piperazinylacetic acid-(5-nitrofurfurylidene)hydrazide
(SY) Rec 15-0122
(HM) *NITROFURANS
(PA) ANTI-INFECTIVE AGENTS, URINARY
(NO) minor descriptor (75-84); on-line & Index Medicus search NITROFURANS (75-84); RN given refers to parent cpd

nifurpirinol
(RN) 13411-16-0
(SY) P 7138
(HM) *NITROFURANS
(NO) structure

nifurprazin
(RN) 1614-20-6
(RR) 50832-74-1 (mono-HCl)
(RR) 24998-17-2 (unspecified HCl)
(SY) 1-(5-nitro-2-furyl)-2-(6-amino-3-pyridazinyl) ethylene
(SY) carofur
(HM) *NITROFURANS
(PA) MUTAGENS
(NO) synonym carofur refers to mono-HCl; RN given refers to parent cpd; structure

nifurtoinol see urfadyn

nifurzide
(RN) 39978-42-2
(SY) 5-nitro-2-thiophenecarboxylic acid-(3-(5-nitro-2-furanyl)-2-propenylidene)hydrazide
(HM) *NITROFURANS
(PA) ANTI-INFECTIVE AGENTS
(NO) structure given in first source & in Negwer, 5th ed, #6261

nigeran see glucan nigeran

nigerosylglucose
(SY) O-alpha-D-Glc-(1-3)-O-alpha-D-Glc-(1-4)-D-Glc
(HM) *GLUCANS

nigerosylsucrose
(SY) O-alpha-D-Glc-(1-3)-O-alpha-D-Glc-(1-4)-O-alpha-D-Glc-(1-2)-beta-D-Fru
(HM) *OLIGOSACCHARIDES

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nigrosin
(RN) 8005-03-6
(HM) *ANILINE COMPOUNDS
(II) DYES
(II) STAINS AND STAINING

NiHbA see nickel hemoglobin A

NIH 10358
(RN) 95386-99-5
(SY) NIH-10358
(SY) 6,14-endoetheno-7alpha-(p-isothiocyanatophenylacetylamino) tetrahydrooripavine
(HM) THEBAINE/*analogs
(NO) structure given in first source

NIH-10358 see NIH 10358

NIH 10364
(RN) 95387-01-2
(SY) NIH-10364
(SY) 6,14-endotheno-7-alpha-(p-methylfumaroylaminophenylacetylamino) tetrahydroripavine
(HM) THEBAINE/*analogs
(NO) structure given in first source; RN given refers to (E)-isomer; RN for cpd without isomeric designation not available 7/85

NIH-10364 see NIH 10364

nikkomycin
(RN) 59456-70-1
(SY) nikkomycin Z
(HM) NUCLEOSIDES
(PA) ANTIBIOTICS, ANTIFUNGAL
(NO) nucleoside-peptide antibiotic which inhibits fungal chitin biosynthesis; consists of uracil, an amino hexuronic acid & a new amino acid containing a pyridine ring; structure

nikkomycin Z see nikkomycin

nikofezon see nifenazone

nikogamol
(RN) 88161-53-9
(SY) nicogamol
(HM) *NICOTINIC ACIDS
(NO) used in therapy of neuroses

nile blue
(RN) 2381-85-3
(RR) 53340-16-2 (perchlorate)
(RR) 3939-94-4 (tetrafluoroborate)
(RR) 3625-57-8 (sulfate)
(SY) nile blue A perchlorate
(SY) nile blue perchlorate
(SY) nile blue sulfate
(SY) cresyl fast violet
(HM) *OXAZINES
(II) FLUORESCENT DYES
(NO) RN given refers to chloride; parent cpd not in Chemline 7/7/83; structure

nile blue perchlorate see nile blue

nile blue A perchlorate see nile blue

nile blue sulfate see nile blue

NILE glycoprotein see nerve growth factor-inducible large external glycoprotein

nileprost
(RN) 71097-83-1
(HM) *PROSTAGLANDINS X
(II) PROSTAGLANDINS, SYNTHETIC
(NO) stable prostacyclin analog; RN given refers to (E)-(3aR,4R,5R,6aS)(E)-(3S,4RS)-isomer from USAN 1984, p.337; RN for parent cpd or isomer not in Chemline 8/31/83

nile red
(RN) 7385-67-3
(SY) 9-diethylamino-5H-benzo(a)phenoxazine-5-one
(HM) *OXAZINES
(II) FLUORESCENT DYES

niludipin
(RN) 22609-73-0
(RR) 86189-68-6 ((+-)-isomer)
(SY) Bay a 7168
(SY) niludipine
(SY) bis(2-propoxyethyl)-1,4-dihydro-2,6-dimethyl-4-(3-nitrophenyl)-3,5-pyridinedicarboxylate
(SY) 3,5-Pyridinedicarboxylic acid, 1,4-dihydro-2,6-dimethyl-4-(3-nitrophenyl)-, bis(2-propoxyethyl) ester
(HM) NIFEDIPINE/*analogs
(PA) CALCIUM CHANNEL BLOCKERS
(NO) bis(2-propoxyethyl) analog of nifedipine; structure; RN given refers to parent cpd without isomeric designation

niludipine see niludipin

nimbidin
(RN) 1407-80-3
(HM) *DITERPENES
(PA) ANTIVIRAL AGENTS
(PA) ANTI-ULCER AGENTS
(NO) inhibitor of potato virus X

nimbolide
(RN) 25990-37-8
(HM) *LACTONES
(PA) MUTAGENS
(NO) isolated from Nigerian medicinal plant Azadirachta indica; RN given refers to 4alpha,5alpha,6alpha,7alpha,15beta,17alpha-isomer; RN for cpd without isomeric designation not in Chemline 11/84; structure given in first source

nimesulide see R-805

nimetazepam
(RN) 2011-67-8
(SY) 1-methyl-7-nitro-5-phenyl-1,3-dihydro-2H-1,4-benzodiazepin-2-one
(SY) S-1530
(SY) Hypnon
(HM) NITRAZEPAM/*analogs
(PA) MUSCLE RELAXANTS, CENTRAL
(PA) HYPNOTICS AND SEDATIVES
(PA) ANTICONVULSANTS
(NO) 1-N-methyl derivative of nitrazepam; structure

Nimeticap
(RN) 68189-90-2
(HM) *COMPOSITE RESINS
(NO) syringe-capsulated composite resin

NIMKOL see ORALIT

nimodipine
(RN) 66085-59-4
(RR) 82219-46-3 ((+-)-isomer)
(RR) 77940-93-3 ((-)-isomer)
(RR) 77940-92-2 ((+)-isomer)
(SY) Bay e 9736
(SY) isopropyl (2-methoxyethyl) 1,4-dihydro-2,6-dimethyl-4-(3-nitrophenyl)-3,5-pyridine dicarboxylate
(HM) *NICOTINIC ACIDS
(PA) VASODILATOR AGENTS
(PA) CALCIUM CHANNEL BLOCKERS
(NO) structure; RN given refers to parent cpd without isomeric designation

nimodipine receptor see calcium channel blocker receptor

nim oil see neem oil

ninhibin
(RN) EC 3.4.21.-
(HM) *PEPTIDE PEPTIDOHYDROLASES
(II) SPERMATOZOA/enzymol
(NO) sperm factor extracted from bovine sperm; trypsin-like protease

ninopterin
(RN) 2179-16-0
(SY) 9-methylpteroylglutamic acid
(SY) 9-methylfolic acid
(SY) N-(4-((1-(2-amino-4-hydroxy-6-pteridinyl)ethyl) amino)benzoyl)glutamic acid
(HM) FOLIC ACID/*analogs
(PA) FOLIC ACID ANTAGONISTS
(NO) structure

NiOH2 see nickel hydroxide (II)

Niopam see iopamidol

nipagin see methylparaben

nipazol see propylparaben

nipecotic acid
(RN) 498-95-3
(RR) 60252-41-7 ((+-)-isomer)
(RR) 59045-82-8 ((S)-isomer)
(RR) 25137-00-2 ((R)-isomer)
(RR) 6034-80-6 (HCl)
(RR) 40325-71-1 (hydride)
(SY) (RS)-nipecotic acid
(SY) 3-piperidinecarboxylic acid
(SY) homo-beta-proline
(HM) *NIPECOTIC ACIDS
(NO) RN given refers to cpd without isomeric designation

nipecotic acid amide
(RN) 4138-26-5
(RR) 71381-76-5 ((+-)-isomer)
(RR) 76149-17-2 (maleate[1:1](+-)-isomer)
(HM) *NIPECOTIC ACIDS
(NO) RN & NI form 9th CI Form Index; RN given refers to cpd without isomeric designation

nipecotic acid ethyl ester
(RN) 5006-62-2
(RR) 25137-01-3 ((R)-isomer)
(HM) *NIPECOTIC ACIDS
(NO) RN given refers to cpd without isomeric designation

nipradilol see K 351

nirurin
(SY) 5,6,7,4'-tetrahydroxy-8-(3-methylbut-2-enyl) flavanone-5-O-rutinoside
(HM) RUTIN/*analogs
(II) PLANTS, MEDICINAL
(NO) prenylated flavanone glycoside from Phyllanthus nirurii; structure given in first source

nirvanol see ethylphenylhydantoin

nirvanol glucuronide see 5-ethyl-5-phenylhydantoin-N-glucuronide

nisidine
(SY) nisidine plus
(HM) *ANALGESICS
(NO) no other info available 2/7/83

nisidine plus see nisidine

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nisoldipine
(RN) 63675-72-9
(RR) 86189-67-5 ((+-)-isomer)
(SY) Bay k 5552
(SY) isobutyl methyl 1,4-dihydro-2,6-dimethyl-4-(2-nitrophenyl)-3,5-pyridinedicarboxylate
(HM) NIFEDIPINE/*analogs
(PA) VASODILATOR AGENTS
(PA) CALCIUM CHANNEL BLOCKERS
(NO) RN given refers to parent cpd without isomeric designation; structure given in first source

nisoxetine
(RN) 57226-61-6
(RR) 53179-07-0 ((+-)-isomer)
(RR) 82857-39-4 (HCl(+-)-isomer)
(RR) 82857-39-4 (HCl(-)-isomer)
(RR) 57226-34-3 (HCl)
(RR) 57754-86-6 (HCl(+-)-isomer)
(SY) Lilly 94939
(SY) LY 94939
(SY) 3-(o-methoxyphenoxy)-N-methyl-3-phenylpropylamine
(SY) DL-N-methyl-3-(o-methoxyphenoxy)-N-methyl-3-phenylpropylamine
(SY) 3-(2-methoxyphenoxy)-N-methyl-3-phenylpropylamine
(SY) LY-135252
(SY) N-methyl-gamma-(2-methylphenoxy) phenylpropanolamine
(SY) Lilly 135252
(SY) LY 135252
(HM) *FLUOXETIN/analogs
(II) NOREPINEPHRINE/antag
(NO) potent inhibitor for norepinephrine uptake into rat brain synaptosomes & brain; NM refers to (+-)-isomer; RN given refers to parent cpd; structure

nitarsone
(RN) 98-72-6
(RR) 60348-34-7 (di-Na salt)
(RR) 59971-46-9 (mono-Na salt)
(SY) p-nitrobenzenearsonic acid
(SY) p-nitrophenylarsonic acid
(SY) 4-nitrobenzenearsonic acid
(HM) *ARSENICALS
(NO) structure; RN given refers to parent cpd

nitazoxanide
(RN) 55981-09-4
(SY) taenitaz
(HM) *THIAZOLES
(PA) ANTICESTODAL AGENTS
(NO) structure given in first source

NIT-CRH see CRH, Nle(21)-iodo-Tyr(32)-

nithiamide see aminitrozole

nithiazid see nithiazide

nithiazide
(RN) 139-94-6
(SY) nithiazid
(SY) 1-ethyl-3-(5-nitro-2-thiazole)urea
(SY) hepzide
(HM) UREA/*analogs
(NO) structure given in first source

nithiocyamine see amoscanate

nithiocyanamine see amoscanate

Ni-Ti see titanium nickelide

nitidine
(RN) 6872-57-7
(RR) 13063-04-2 (chloride)
(RR) 54785-52-3 (nitrate)
(SY) NSC 146397
(HM) *PHENANTHRIDINES
(PA) ANTINEOPLASTICS, PHYTOGENIC
(NO) RN given refers to parent cpd; synonym NSC 146397 refers to chloride; structure

nitinol
(RN) 52013-44-2
(RR) 39368-04-2 (Nitinol 60)
(RR) 12604-94-3 (Nitinol 55)
(HM) *ALLOYS
(NO) RN given refers to cpd with MF of Ni-Ti

nitralin see Planavin

nitramine
(RN) 479-45-8
(SY) tetryl
(SY) N-methyl-N-nitro-2,4,6-trinitroaniline
(HM) *NITROBENZENES
(HM) *ANILINE COMPOUNDS

nitrapyrin
(RN) 1929-82-4
(RR) 6646-58-8 (oxalate[1:1])
(SY) N-serve
(SY) alpha,alpha,alpha-6-tetrachloro-2-picoline
(HM) *PICOLINES
(NO) soil bactericide; nitrogen-conserving agent; structure; RN given refers to (+-)-isomer; RN for cpd without isomeric designation not in Chemline 7/84

nitrara-C see
1-(2-O-nitro-beta-D-arabinofuranosyl)cytosine

nitratase
(RN) EC 1.7.99.-
(HM) *OXIDOREDUCTASES
(NO) anaerobic bacteria convert nitrate to free nitrogen

nitrate reductase
(RN) EC 1.7.99.4
(RR) 37256-45-4 (CRN)
(SY) respiratory nitrate reductase
(HM) *NITRATE REDUCTASES

nitrate reductase (NADH)
(RN) EC 1.6.6.1
(RR) 9013-03-0 (CRN)
(SY) NADH-nitrate reductase
(SY) demolybdo nitrate reductase
(HM) *NITRATE REDUCTASES
(NO) also reduces cytochrome C

nitrate reductase (NADPH)
(RN) EC 1.6.6.3
(SY) molybdo nitrate reductase
(HM) *NITRATE REDUCTASES

nitrate reductase (NAD(P)H)
(RN) EC 1.6.6.2
(RR) 9029-28-1 (CRN)
(RR) 9029-27-0 (CRN)
(SY) NADPH nitrate reductase
(HM) *NITRATE REDUCTASES

nitratophenylmercury compd. with hydroxyphenylmercury (1:1) see phenylmercuric nitrate, basic

nitrazine paper see nitrazine yellow

nitrazine yellow
(RN) 1716-22-9
(RR) 5423-07-4 (di-Na salt)
(SY) nitrazine paper
(SY) phenaphthazine
(HM) *AZO COMPOUNDS
(II) INDICATORS AND REACENTS
(NO) RN given refers to parent cpd

nitrefazol see nitrefazole

nitrefazole
(RN) 21721-92-6
(SY) EMD 15700
(SY) BT 985
(SY) altimol
(SY) nitrefazol
(HM) *NITROIMIDAZOLES
(PA) ANTITRICHOMONAL AGENTS
(II) ALCOHOL DETERRENTS

nitrendipine
(RN) 39562-70-4
(RR) 86052-02-0 ((+-)-isomer)
(RR) 80890-07-9 ((+)-isomer)
(RR) 80873-62-7 ((-)-isomer)
(SY) Bay e 5009
(SY) 1,4-dihydro-2,6-dimethyl-4-(3-nitrophenyl)-3,5-pyridinedicarboxylic acid 3-ethyl-5-methyl ester
(HM) NIFEDIPINE/*analogs
(PA) VASODILATOR AGENTS
(PA) ANTIHYPERTENSIVE AGENTS
(PA) CALCIUM CHANNEL BLOCKERS
(NO) RN given refers to cpd without isomeric designation

nitrendipine receptor see calcium channel blocker receptor

nitric acid
(RN) 7697-37-2
(HM) *NITRATES

nitric acid chromium salt see chromium nitrate

nitric-oxide reductase
(RN) EC 1.7.99.2
(HM) *OXIDOREDUCTASES

nitrilase
(RN) EC 3.5.5.1
(HM) *AMINOHYDROLASES

2,2',2"-nitrilotriethanol see triethanolamine

((nitrilotri(methylene))triphosphonato) cuprate
(RN) 63588-36-3
(SY) NTMTPCU
(HM) *ORGANOPHOSPHORUS COMPOUNDS
(HM) *COPPER
(II) WATER POLLUTANTS, CHEMICAL
(NO) RN given refers to tetra-K salt; RN for parent cpd not in Chemline 6/84

(nitrilotris(methylene))triphosphonic acid
(RN) 6419-19-8
(RR) 40588-62-3 (hexa-K salt)
(RR) 34274-28-7 (unspecified NH4 salt)
(RR) 27794-93-0 (unspecified K salt)
(RR) 20592-85-2 (unspecified Na salt)
(RR) 7611-50-9 (tri-Na salt)
(RR) 2235-43-0 (penta-Na salt)
(RR) 72333-13-2 (tri-NH4 salt)
(RR) 68413-74-1 (unspecified Zn salt)
(SY) NTMTPA
(HM) *ORGANOPHOSPHORUS COMPOUNDS
(II) WATER POLLUTANTS, CHEMICAL
(NO) Rn given refers to parent cpd

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nitrisken retard
(RN) 66848-46-2
(HM) *PINDOLOL
(HM) *ISOSORBIDE DINITRATE
(HM) DRUG COMBINATIONS
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS
(II) DELAYED-ACTION PREPARATIONS
(NO) combination of above cpds used in treatment of angina pectoris

nitrite reductase (NAD(P)H)
(RN) EC 1.6.6.4
(RR) 9029-29-2 (CRN)
(SY) NADH-dependenet nitrite reductase
(HM) *NITRITE REDUCTASES

5-nitroacenaphthene
(RN) 602-87-9
(HM) *ACENAPHTHENES
(PA) MUTAGENS

p-nitroacetophenone see 4-nitroacetophenone

4-nitroacetophenone
(RN) 100-19-6
(SY) p-nitroacetophenone
(HM) *ACETOPHENONES
(PA) RADIATION-SENSITIZING AGENTS

nitroacridine 3582
(RN) 6035-39-8
(RR) 73972-50-6 (di-HCl)
(SY) nitroakridin-3582
(SY) L280,401
(SY) L280401
(SY) L-280401
(HM) *AMINACRINE/analogs
(II) FLUORESCENT DYES
(NO) RN given refers to parent cpd

nitroakridin-3582 see nitroacridine 3582

p-nitro-alpha-acetylamino-beta-hydroxypropiophenone see 4-nitro-alpha-acetylamino-beta-hydroxypropiophenone

4-nitro-alpha-acetylamino-beta-hydroxypropiophenone
(RN) 3123-13-5
(SY) p-nitro-alpha-acetylamino-beta-hydroxypropiophenone
(HM) *PROPIOPHENONES
(NO) inhibitory agent for the differentiation of mammalian tuberculosis strains from other Mycobacteria

2-nitro-alpha-(piperidinomethyl)-1-imidazole ethanol N-oxide see Ro 31-0313

nitro-alpha-thrombin see nitro-thrombin

7-nitro-2-amino-5-phenyl-3H-1,5-benzodiazepin-4-one see CP 1414 S

p-nitroanilidotripeptides see tripeptide 4-nitroanilides

nitroaniline
(RN) 29757-24-2
(HM) *ANILINE COMPOUNDS
(NO) RN given refers to cpd with unspecified locant for nitro moiety

4-nitroaniline
(RN) 100-01-6
(RR) 38013-32-0 (sulfate[2:1])
(RR) 66827-74-5 (Hg(2+) salt[2:1])
(RR) 15873-51-5 (mono-HCl)
(SY) para-nitroaniline
(HM) *ANILINE COMPOUNDS
(NO) RN given refers to parent cpd

N-(4-(4'-nitroanilino)phenyl) S-(beta-carboxyethyl) dithiocarbamate see CGP 8065

5-nitro-o-anisidine see 5-nitro-2-methoxyaniline

o-nitroanisole see 2-nitroanisole

p-nitroanisole see 4-nitroanisole

p-nitroanisole O-demethylase see 4-nitroanisole O-demethylase

4-nitroanisole O-demethylase
(RN) EC 1.-
(SY) p-nitroanisole O-demethylation system
(SY) p-nitroanisole O-demethylating system
(SY) para-nitroanisole O-demethylase
(SY) p-nitroanisole O-demethylase
(HM) *OXIDOREDUCTASES, O-DEMETHYLATING
(NO) contains cytochrome P-450, cytochrome b5, NADPH-cytochrome P-450 reductase & NADH-cytochrome b5 reductase

p-nitroanisole O-demethylating system see 4-nitroanisole O-demethylase

p-nitroanisole O-demethylation system see 4-nitroanisole O-demethylase

2-nitroanisole
(RN) 91-23-6
(SY) o-nitrophenyl methyl ether
(SY) ortho-nitroanisole
(SY) o-nitroanisole
(HM) *ANISOLES

4-nitroanisole
(RN) 100-17-4
(SY) para-nitroanisole
(SY) p-nitroanisole
(HM) *ANISOLES
(NO) dye intermediate; organic synthesis; structure

9-nitroanthracene
(RN) 602-60-8
(RR) 54738-93-1 (cpd with unspecified nitro locant)
(HM) *ANTHRACENES
(PA) MUTAGENS
(NO) RN given refers to cpd with locant for nitro moiety in 5 position

nitro-argininosuccinate see N(3)-(1-carboxy-2-nitroethyl)arginine

2-nitro-4-azidophenylacetyl (B2)des-phenylalanyl (B1) insulin see insulin, B2-(2-nitro-4-azidophenylacetyl)-des-Phe (B1) -

N-((2-nitro-4-azidophenyl)amino)-2-alanyl-leucine enkephalinethylamide see enkephalinethylamide-Leu, Ala(2)-N-((2-nitro-4- azidophenyl)amino)-

6-(2-nitro-4-azidophenylamino)caproate
(RN) 58775-38-5
(SY) NAZPAC
(SY) 6-(4'-azido-2'-nitrophenylamino)hexanoate
(SY) 6-ANH
(HM) *AZIDES
(II) AFFINITY LABELS
(II) CROSS-LINKING REAGENTS

3-((2-nitro-4-azidophenyl)-2-aminoethyldithio)-N-succinimidyl propionate
(RN) 81705-07-9
(SY) NAPAETSP
(SY) N-SNAP
(HM) *AZIDES
(II) CROSS-LINKING REAGENTS
(NO) structure given in first source

N-(2-nitro-4-azidophenyl)serotonin
(SY) NAP-serotonin
(HM) SEROTONIN/*analogs
(HM) *AZIDES
(II) AFFINITY LABELS

2-nitro-4-azidophenylsulfenyl-ACTH see ACTH, 2-nitro-4-azidophenylsulfenyl-

2-nitro-4-azidophenylsulfenyl-beta-endorphin see beta-endorphin, 2-nitro-4-azidophenylsulfenyl-

2-nitro-4-azidophenylsulfenyl chloride
(RN) 66365-13-7
(SY) NAPSCL
(HM) *AZIDES
(II) AFFINITY LABELS
(NO) heterobifunctional photoaffinity reagent; structure in first source

2-nitro-4-azidophenylsulfenyl-corticotropin see ACTH, 2-nitro-4-azidophenylsulfenyl-

4-nitroazobenzene
(RN) 2491-52-3
(HM) *AZO COMPOUNDS
(PA) MUTAGENS
(NO) structure given in first source

N-(2-nitro-4-azophenyl)-1,3-bis(mannos-4'-yloxy)propyl-2-amine
(SY) NAP-BMPA
(HM) *DISACCHARIDES
(NO) has high affinity for human erythrocyte sugar transport system; structure given in first source

2-nitrobenzaldehyde
(RN) 552-89-6
(RR) 31620-90-3 (cpd with unspecified nitro locant)
(SY) ortho-nitrobenzaldehyde
(HM) *BENZALDEHYDES
(NO) structure given in first source

4-nitrobenzaldehyde
(RN) 555-16-8
(RR) 34512-33-9 (ion(1-))
(RR) 54736-97-9 (ion(1-).K salt)
(RR) 41398-28-1 (1-(13)C-labeled cpd)
(RR) 57302-18-8 (aldehyde-(18)O-labeled cpd)
(SY) para-nitrobenzaldehyde
(HM) *BENZALDEHYDES
(NO) RN given refers to parent cpd

7-nitrobenzanthracene
(RN) 20268-51-3
(SY) 7-nitrobenz(a)anthracene
(HM) *BENZANTHRACENES

7-nitrobenz(a)anthracene see 7-nitrobenzanthracene

nitrobenzene
(RN) 98-95-3
(HM) *NITROBENZENES

p-nitrobenzenearsonic acid see nitarsone

4-nitrobenzenearsonic acid see nitarsone

m-nitrobenzeneboronic acid see 3-nitrobenzeneboronic acid

3-nitrobenzeneboronic acid
(RN) 13331-27-6
(SY) meta-nitrobenzeneboronic acid
(SY) m-nitrobenzeneboronic acid
(HM) *BORONIC ACIDS

p-nitrobenzene diazonium tetrafluoroborate see 4-nitrobenzene diazonium tetrafluoroborate

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4-nitrobenzene diazonium tetrafluoroborate
(RN) 73698-41-6
(SY) NBDTF
(SY) p-nitrobenzene diazonium tetrafluoroborate
(HM) *DIAZONIUM COMPOUNDS
(NO) used for the analysis of bilirubin; RN given refers to cpd with unspecified nitro locants

4-nitrobenzenesulfonyl fluoride
(RN) 349-96-2
(SY) para-nitrobenzenesulfonyl fluoride
(SY) PNBSF
(HM) *NITROBENZENES
(II) INDICATORS AND REAGENTS
(NO) protein modifying agent

4-nitrobenzenethiol see 4-nitrothiophenolate

2-nitrobenzimidazole
(RN) 5709-67-1
(RR) 16181-54-7 (Na salt)
(HM) *BENZIMIDAZOLES
(PA) RADIATION-SENSITIZING AGENTS
(NO) RN given refers to parent cpd

p-nitrobenzoate reductase see 4-nitrobenzoate reductase

4-nitrobenzoate reductase
(RN) EC 1.7.-
(SY) para-nitrobenzoate reductase
(SY) p-nitrobenzoate reductase
(HM) *OXIDOREDUCTASES
(NO) forms 4-aminobenzoate from 4-nitrobenzoate

2-nitrobenzofuran
(RN) 33094-66-5
(HM) *BENZOFURANS
(PA) RADIATION-SENSITIZING AGENTS

N-(7-nitrobenzofurazan-4-yl)taurine see NBD-taurine

4-nitrobenzofurazan
(RN) 16322-19-3
(HM) *OXADIAZOLES
(NO) structure

p-nitrobenzoic acid see 4-nitrobenzoic acid

3-nitrobenzoic acid
(RN) 121-92-6
(RR) 827-95-2 (Na salt)
(SY) meta-nitrobenzoate
(HM) *NITROBENZOATES
(NO) RN given refers to parent cpd

4-nitrobenzoic acid
(RN) 62-23-7
(RR) 35363-49-6 (Ag salt)
(RR) 3847-57-2 (Na salt)
(SY) para-nitrobenzoic acid
(SY) p-nitrobenzoic acid
(HM) *NITROBENZOATES
(NO) RN given refers to parent cpd

N-(7-(4-nitrobenzo-2-oxa-1,3-diazole))-6- aminocaproyl sphingosine
(RN) 86701-10-2
(SY) C6-NBD-ceramide
(HM) *CERAMIDES
(HM) *NBD CHLORIDE/analogs
(II) FLUORESCENT DYES
(NO) fluorescent ceramide analog; structure given in first source

N-4-nitrobenzo-2-oxa-1,3-diazoleaminocaproyl sphingosylphosphorylcholine
(SY) NBD-sphingomyelin
(HM) *NBD CHLORIDE
(HM) *SPHINGOMYELINS
(II) FLUORESCENT DYES

N-7-(4-nitrobenzo-2-oxo-1,3-diazole)-omega-aminohexanoic acid beta-(N-trimethylammonium)ethyl ester see NBD-5-acylcholine

1-nitrobenzo(a)pyrene
(RN) 70021-99-7
(RR) 70021-42-0 (cpd with unspecified nitro locant)
(HM) *BENZOPYRENES

3-nitrobenzo(a)pyrene
(RN) 70021-98-6
(RR) 70021-42-0 (cpd with unspecified nitro locant)
(HM) *BENZOPYRENES
(PA) MUTAGENS

3-nitrobenzo(e)pyrene
(RN) 81340-58-1
(RR) 80182-35-0 (cpd with unspecified nitro locants)
(HM) *BENZOPYRENES
(PA) MUTAGENS
(NO) RN given refers to parent cpd

6-nitrobenzo(a)pyrene
(RN) 63041-90-7
(HM) *BENZOPYRENES
(PA) MUTAGENS
(PA) CARCINOGENS

3-nitrobenzothiazolo(3,2)quinolinium perchlorate see 3-nitrobenzothiazolo(3,2a)quinolinium

3-nitrobenzothiazolo(3,2a)quinolinium
(RN) 82773-10-2
(RR) 82773-08-8 (chloride)
(SY) 3-NBQ
(SY) 3-nitrobenzothiazolo(3,2)quinolinium perchlorate
(HM) *QUINOLINIUM COMPOUNDS
(PA) ANTINEOPLASTIC AGENTS
(NO) RN given refers to perchlorate; RN for parent cpd not in Chemline 8/25/83; structure given in first source

nitrobenzoxadiazolealanine
(RN) 64917-85-7
(SY) 4-(alpha-N-L-alanine)-7-nitrobenz-2-oxa-1,3-diazole
(HM) *NBD CHLORIDE/analogs
(HM) ALANINE/*analogs
(II) FLUORESCENT DYES

nitrobenzoxadiazole-phallacidin see 7-nitrobenz-2-oxa-1,3-diazole-phallacidin

7-nitrobenz-2-oxa-1,3-diazole-phallacidin
(RN) 73413-78-2
(SY) NBODP
(SY) NBD-Ph
(SY) nitrobenzoxadiazole-phallacidin
(HM) *AMANITINS
(II) FLUORESCENT DYES
(NO) fluorescent probe for actin

N-(7-nitro-2,1,3-benzoxadiazol-4-yl)alpha-dilauroylphosphatidylethanolamine see N-NBD-dilauroylphosphatidylethanolamine

5-(7-nitrobenz-2-oxa-1,3-diazol-4-yl) aminoethylmethylphosphonofluoridate
(RN) 96304-84-6
(SY) NBD-AE-MPF
(HM) *SARIN/analogs
(PA) CHOLINESTERASE INHIBITORS
(II) FLUORESCENT DYES
(NO) structure given in fisrt source

5-(7-nitrobenz-2-oxa-1,3-diazol-4-yl) pentyl methylphosphonofluoridate
(RN) 92457-51-7
(SY) NBD-AP-MPF
(HM) *SARIN/analogs
(PA) CHOLINESTERASE INHIBITORS
(II) FLUORESCENT DYES

N-(7-nitrobenz-2-oxa-1,3-diazol-4-yl) phosphatidylethanolamine
(RN) 64205-19-2
(SY) NBD-PE
(HM) *PHOSPHATIDYLETHANOLAMINES
(II) FLUORESCENT DYES
(NO) fluorescent probe for membrane lipids

N-(7-nitro-2,1,3-benzoxadiazol-4-yl) phosphatidylserine
(SY) NBD-PS
(HM) *PHOSPHATIDYLSERINES
(NO) synthetic phosphatidylserine

p-nitrobenzoyl chloride see 4-nitrobenzoyl chloride

4-nitrobenzoyl chloride
(RN) 122-04-3
(SY) p-nitrobenzoyl chloride
(HM) *NITROBENZOATES

3-nitrobenzoylglycyl-polyethylene glycol
(SY) NBZG-PEG
(HM) *POLYETHYLENE GLYCOLS
(II) INDICATORS AND REAGENTS
(NO) soluble support for peptide synthesis

2-nitrobenzyl acetate
(RN) 77376-01-3
(SY) ortho-nitrobenzyl acetate
(SY) o-NBA
(HM) *NITROBENZENES

4-nitrobenzyl chloride
(RN) 100-14-1
(HM) *NITROBENZENES
(NO) structure given in first source

S-(4-nitrobenzyl)glutathione
(RN) 6803-19-6
(HM) GLUTATHIONE/*analogs
(NO) metabolite of 4-nitrotoluene

4-nitrobenzylidene aminoguanidine
(RN) 30068-29-2
(SY) NBAG
(HM) *GUANIDINES
(NO) substrate for choleragen & other guanidine-specific ADP-ribosyltransferases; structure given in first source

4-nitrobenzyl-6-mercaptoinosine see 4-nitrobenzylthioinosine

4-nitrobenzylmercaptopurine ribonucleoside see 4-nitrobenzylthioinosine

4-nitrobenzyloxyamine
(RN) 2086-25-2
(SY) para-nitrobenzyloxyamine
(HM) *HYDROXYLAMINES
(II) INDICATORS AND REAGENTS
(NO) RN given refers to HCl; RN for parent cpd not in Chemline 8/1/83; structure given in first source

4-(p-nitrobenzyl)pyridine see 4-(4-nitrobenzyl)pyridine

4-(4-nitrobenzyl)pyridine
(RN) 1083-48-3
(RR) 2590-94-5 (monoperchlorate)
(SY) 4-(p-nitrobenzyl)pyridine
(HM) *PYRIDINES
(II) INDICATORS AND REAGENTS
(II) CHROMOGENIC COMPOUNDS
(NO) reagent for determination of organophosphorus pesticides spectrophotometrically; RN given refers to parent cpd

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4-nitrobenzyl selenosulfuric acid
(RN) 82571-50-4
(RR) 30876-75-6 (K salt)
(SY) potassium p-nitrobenzyl selenosulfuric acid
(SY) NBZSS
(HM) *SELENIUM
(II) SULFHYDRYL REAGENTS
(NO) cpd not in Chemline 7/7/83

6-((4-nitrobenzyl)thio)-9-beta-D-ribofuranosylpurine see 4-nitrobenzylthioinosine

6-(p-nitrobenzylthio)guanosine see 6-(4-nitrobenzylthio)guanosine

6-(4-nitrobenzylthio)guanosine
(RN) 13153-27-0
(SY) NBTGR
(SY) 2-amino-6-((4-nitrobenzyl)thio)-9-beta-D-ribofuranosylpurine
(SY) 6-(p-nitrobenzylthio)guanosine
(HM) *THIONUCLEOSIDES
(HM) GUANOSINE/*analogs
(NO) inhibitor of nucleoside transport

nitrobenzylthioinosine 5'-monophosphate
(RN) 65199-10-2
(RR) 79065-88-6 (mono-NH4 salt)
(SY) NBMPR-P
(HM) *THIONUCLEOTIDES
(HM) THIOINOSINE/*analogs
(NO) RN given refers to parent cpd

4-nitrobenzylthioinosine
(RN) 38048-32-7
(SY) 4-nitrobenzyl-6-mercaptoinosine
(SY) 6-((4-nitrobenzyl)thio)-9-beta-D-ribofuranosylpurine
(SY) NBMPR
(SY) 4-nitrobenzylmercaptopurine ribonucleoside
(SY) 4-NBMI
(HM) THIOINOSINE/*analogs
(II) AFFINITY LABELS
(NO) inhibitor of nucleoside transport

1-(2-O-nitro-beta-D-arabinofuranosyl) cytosine
(RN) 83831-64-5
(RR) 83831-65-6 (HCl)
(SY) nitrara-C
(HM) CYTARABINE/*analogs
(PA) ANTIMETABOLITES, ANTINEOPLASTIC
(NO) RN given refers to parent cpd; RN & structure from first source

4-nitrobiphenyl ether
(RN) 620-88-2
(HM) *PHENYL ETHERS
(PA) MUTAGENS

4-nitrobiphenyl
(RN) 92-93-3
(RR) 28984-85-2 (cpd with unspecified nitro locants)
(SY) para-nitrobiphenyl
(HM) *BIPHENYL COMPOUNDS
(NO) structure given in first source

nitrocaphane
(RN) 54940-95-3
(SY) AT 1258
(HM) *NITROGEN MUSTARD COMPOUNDS
(PA) ANTINEOPLASTIC AGENTS
(NO) structure

2-nitro-5-carbamylthiobenzoic acid see 2-nitro-5-thiocarbamylbenzoic acid

S-(2-nitrocarbobenzoxy)glutathione
(RN) 95998-73-5
(SY) 2-NCBG
(HM) GLUTATHIONE/*analogs
(NO) RN & structure given in first source; RN not in Chemline 7/85; glyoxalase II inhibitor

S-(3-nitrocarbobenzoxy)glutathione
(RN) 95998-74-6
(SY) 3-NCBG
(HM) GLUTATHIONE/*analogs
(NO) RN & structure given in first source; RN not in Chemline 7/85; glyoxalase II inhibitor

S-(4-nitrocarbobenzoxy)glutathione
(RN) 95998-72-4
(SY) 4-NCBG
(HM) GLUTATHIONE/*analogs
(NO) RN & structure given in first source; RN not in Chemline 7/85; glyoxalase II inhibitor

nitrocarboxypeptidase A see carboxypeptidase A

2-nitro-4-carboxyphenyl-N,N-diphenylcarbamate
(RN) 10556-88-4
(SY) NCP-DPCM
(HM) *CARBAMATES
(PA) PROTEASE INHIBITORS
(NO) structure in first source

2-nitro-4-carboxyphenylsulfenyl chloride
(RN) 19961-56-9
(SY) 2-NCPSC
(HM) *NITROBENZOATES
(NO) used in the selective separation of tryptophan-containing peptides; structure given in first source

p-nitrocatechol sulfate see 4-nitrocatechol sulfate

4-nitrocatechol sulfate
(RN) 10485-66-2
(RR) 14528-64-4 (di-K salt)
(RR) 10485-37-7 (mono-K salt)
(RR) 29730-15-2 (cpd with unspecified nitro & sulfate groups' locant)
(SY) 2-hydroxy-5-nitrophenyl sulfate
(SY) para-nitrocatechol sulfate
(SY) p-nitrocatechol sulfate
(HM) *CATECHOLS
(NO) RN given refers to 2-sulfate moiety locant

4-nitrocatechol
(RN) 3316-09-4
(HM) *CATECHOLS

nitrocefin
(RN) 41906-86-9
(RR) 61618-29-9 (mono-Na salt)
(RR) 61913-84-6 (Na salt(6R-trans)-isomer)
(RR) 74126-11-7 ((6R-trans)-isomer)
(SY) 87/112
(SY) glaxo 87-312
(SY) Cefinase
(HM) *CEPHALOSPORINS
(II) INDICATORS AND REAGENTS
(NO) chromogenic cephalosporin used for detection of beta-lactamase activity; Cefinase is name for nitrocefin on paper disc; RN given refers to (6R-(3(E),6 alpha,7 beta))-isomer; structure for mono-Na salt in second source

nitrochlor see nitrofen

p-nitrochlorobenzene see 4-chloronitrobenzene

8-nitro-6-(2-chlorophenyl)-2,4-dihydro-2-(N-ethylpiperazin-1-yl)methylene-1H-imidazol(1,2-a)(1,4) benzodiazepine-1-one see RU 32007

8-nitro-6-(o-chlorophenyl)-1,2-dihydro-2-(N-methylpiperazin-1-yl)methylene-1H,4H-imidazo (1,2-a) (1,4)benzodiazepin-1-one methanesulfonate see triazulenone

6-nitrochrysene
(RN) 7496-02-8
(RR) 63021-85-2 (cpd with unspecified locant for nitro group)
(HM) *CHRYSENES
(NO) RN given refers to cpd with locant for nitro group in position 6

1-nitrocoronene
(RN) 81316-84-9
(SY) mononitrocoronene
(HM) *POLYCYCLIC HYDROCARBONS
(PA) MUTAGENS
(NO) RN given from first source; RN not in Chemline 2/7/84

p-nitro-m-cresol see 4-nitro-3-cresol

4-nitro-3-cresol
(RN) 2581-34-2
(RR) 2666-76-4 (Na salt)
(SY) 3-methyl-4-nitrophenol
(SY) p-nitro-m-cresol
(HM) *CRESOLS
(NO) RN given refers to parent cpd

4-nitro-1-cyclohexyl-3-ethoxy-2-oxo-3-pyrroline
(SY) NOPYE
(HM) *PYRROLES
(II) INDICATORS AND REAGENTS
(NO) structure; reversible, amino-specific reagent

5-nitro-2'-deoxyuridine 5'-monophosphate
(RN) 63689-79-2
(SY) 5-nitro-2'-deoxyuridylate
(HM) *DEOXYURACIL NUCLEOTIDES

5-nitro-2'-deoxyuridine
(RN) 3106-01-2
(HM) DEOXYURIDINE/*analogs
(PA) ANTIVIRAL AGENTS

5-nitro-2'-deoxyuridylate see 5-nitro-2'-deoxyuridine 5'-monophosphate

2-nitrodibenzo-p-dioxin see 2-nitrodibenzo-4-dioxin

2-nitro-dibenzo-p-dioxin see 2-nitrodibenzo-4-dioxin

2-nitrodibenzo-4-dioxin
(RN) 38178-41-5
(SY) 2-nitro-dibenzo-p-dioxin
(SY) 2-nitrodibenzo-p-dioxin
(HM) *DIOXINS
(PA) MUTAGENS

N-nitrodibutylamine
(RN) 4164-31-2
(HM) *BUTYLAMINES
(PA) MUTAGENS
(NO) structure given in first source

N-nitrodiethylamine
(RN) 7119-92-8
(SY) diethylnitramine
(HM) *DIETHYLAMINES
(PA) CARCINOGENS
(PA) MUTAGENS

N-nitro-N-(2,3-dihydroxypropyl)-N-(2-hydroxyethyl)amine
(RN) 89911-78-4
(SY) NDPEA
(HM) *NITROSAMINES
(PA) MUTAGENS

N-nitrodimethylamine see dimethylnitramine

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5-nitro-2-(2-dimethylaminoethyl)benzo(de)isoquinoline-1,3-dione see M-4212

p-nitro-3-dimethylaminopropiophenone hydrochloride see Ro 03-6156

4-nitro-3-dimethylaminopropiophenone hydrochloride see Ro 03-6156

1-nitro-9-(dimethylaminopropylamino)acridine N-oxide see C-684

1-nitro-9-(3-dimethylaminopropylamino)acridine N-10-oxide see C-684

4-nitroestrone 3-methyl ether
(RN) 14846-62-9
(HM) ESTRONE/*analogs
(PA) ANTINEOPLASTIC AGENTS
(NO) growth inhibitor of DMBA induced mammary tumors

nitroethane
(RN) 79-24-3
(HM) *NITROPARAFFINS
(HM) ETHANE/*analogs

nitrofen
(RN) 1836-75-5
(SY) TOK
(SY) 1,3-dichlorophenyl-p-nitrophenyl ether
(SY) 2,4-dichlorophenyl-4-nitrophenyl ether
(SY) nitrochlor
(HM) *PHENYL ETHERS
(PA) HERBICIDES
(NO) structure

3-nitrofluoranthene
(RN) 892-21-7
(HM) *FLUORENES
(PA) CARCINOGENS
(PA) MUTAGENS
(NO) environmental carcinogen from diesel exhaust

2-nitrofluorene
(RN) 607-57-8
(RR) 55345-04-5 (cpd with unspecified nitro locant)
(HM) *FLUORENES
(NO) RN given refers to cpd with locant with nitro moiety in 2 position

nitrofungin
(RN) 619-08-9
(RR) 38731-70-3 (Na salt)
(SY) nitrofurgin
(HM) *NITROPHENOLS
(PA) FUNGICIDES, INDUSTRIAL
(NO) consists of the 2-aminotridecane salt of 2-chloronitrophenol; structure; RN given refers to parent cpd

nitrofuran reductase see aromatic NADH-dependent nitro reductase

nitrofuran reductase (NAD(P)H)
(RN) EC 1.6.6.-
(HM) *NADH, NADPH OXIDOREDUCTASES
(NO) converts organic nitro cpds to nitro anion radicals

nitrofurantoin reductase see aromatic NADH-dependent nitro reductase

(1-(5-nitro-2-furanyl)methyleneamino)imidazolin-2-one see M 254

(1-(5-nitro-2-furanyl)methyleneamino) tetrahydropyrimidine-2-one methanol cyclohexanocarboxylate see M 280

(1-(5-nitro-2-furanyl)methyleneamino) tetrahydropyrimidin-2-one methanol propionate see M 279

nitrofurazone reductase see aromatic NADH-dependent nitro reductase

4-nitrofurfural
(SY) 4-NFF
(HM) FURALDEHYDE/*analogs
(PA) MUTAGENS

3-(5-nitrofurfurylideneamino)hydantoic acid
(RN) 63981-22-6
(RR) 95084-84-7 (mono-Na salt)
(SY) NFFAHA
(HM) *NITROFURANS
(HM) *HYDANTOINS
(NO) RN given refers to mono-Na salt; structure given in first source

nitrofurgin see nitrofungin

nitrofurylacrylic acid
(RN) 6281-23-8
(RR) 38665-24-6 (Na salt)
(SY) 5-nitro-2-furylacrylic acid
(SY) sodium 5-nitrofurylacrylate
(SY) 3-(5-nitro-2-furyl)acrylic acid
(HM) *NITROFURANS
(HM) *ACRYLATES
(PA) ANTI-INFECTIVE AGENTS
(NO) RN given refers to parent cpd

3-(5-nitro-2-furyl)acrylic acid see nitrofurylacrylic acid

5-nitro-2-furylacrylic acid see nitrofurylacrylic acid

1-(5-nitro-2-furyl)-2-(6-amino-3-pyridazinyl)ethylene see nifurprazin

4-(5'-nitrofuryl)quinaldinic acid N-oxide see quinaldofur

4-(5-nitro-2-furyl)thiazole
(RN) 53757-28-1
(SY) 4-NFT
(HM) *FANFT/analogs
(PA) CARCINOGENS
(NO) structure given in first source

N-(4-(5-nitro-2-furyl)-2-thiazolyl)acetamide see furothiazole

2-(4-(5-nitro-2-furyl)-2-thiazolyl)formic acid hydrazide see nefurthiazole

nitrogenase activating enzyme
(SY) activating enzyme, nitrogenase
(HM) *ENZYMES
(NO) activates Rhodospirillum rubrum nitrogenase iron protein in presence of Mg ATP & Mn; mechanism unknown 11/29/82

nitrogenase Fe protein see nitrogenase reductase

nitrogenase iron protein see nitrogenase reductase

nitrogenase reductase
(RN) EC 1.18.2.-
(SY) nitrogenase iron protein
(SY) nitrogenase Fe protein
(SY) Fe protein, nitrogenous
(HM) *NITROGENASE
(NO) Fe protein component of Mo-Fe protein nitrogenase in Rhodospirillum rubrum

nitrogen chloride
(RN) 10025-85-1
(SY) nitrogen trichloride
(SY) trichloramine
(HM) *NITROGEN
(HM) *CHLORIDES
(H) IRRITANTS
(NO) strong irritant & lacrimator

nitrogen iodide
(RN) 13444-85-4
(SY) nitrogen triiodide
(HM) *IODIDES
(NO) used in treatment of psoriasis

nitrogen mustard N-oxide
(RN) 126-85-2
(RR) 302-70-5 (HCl)
(SY) NMNO
(HM) *NITROGEN MUSTARD COMPOUNDS
(PA) ANTINEOPLASTIC AGENTS
(NO) RN given refers to parent cpd

nitrogen trichloride see nitrogen chloride

nitrogen triiodide see nitrogen iodide

nitroglycol see ethylene glycol dinitrate

nitroharmidine nitrate
(RN) 68730-97-2
(HM) *HARMALINE/analogs
(NO) RN given refers to 8-nitro cpd mononitrate

2-nitro-5-hydroxybenzofuran
(RN) 40024-32-6
(HM) *BENZOFURANS
(PA) RADIATION-SENSITIZING AGENTS
(NO) structure in first source

2-nitro-7-hydroxybenzofuran
(RN) 40739-73-9
(HM) *BENZOFURANS
(PA) RADIATION-SENSITIZING AGENTS
(NO) structure in first source

5-nitro-8-hydroxyquinoline see nitroxoline

1-(2-nitro-1-imidazolyl)-3-aziridino-2-propanol see RSU 1069

2-nitroimipramine
(RN) 77533-92-7
(HM) IMIPRAMINE/*analogs

4-nitro-4'-isothiocyanodiphenyl ether see nitroscanate

2-nitro-5-mercaptobenzoic acid see thionitrobenzoic acid

nitromethane
(RN) 75-52-5
(HM) *NITROPARAFFINS
(HM) METHANE/*analogs
(NO) structure

nitromethaqualone
(RN) 340-52-3
(SY) 2-methyl-3-(2'-methoxy-4'-nitrophenyl)-4(3H)-quinazolinone
(HM) METHAQUALONE/*analogs
(NO) structure

5-nitro-2-methoxyaniline
(RN) 99-59-2
(RR) 67827-72-9 (mono-HCl)
(SY) 5-nitro-o-anisidine
(SY) 5-nitro-ortho-anisidine
(HM) *ANILINE COMPOUNDS
(NO) RN given refers to parent cpd

2-nitro-7-methoxynaphtho(2-1b)furan see R7000

2-nitro-8-methoxynaphtho(2,1-b)furan
(RN) 75965-75-2
(SY) 8-methoxy-2-nitronaphtho(2,1-b)furan
(SY) R6998
(SY) R 6998
(HM) *NITROFURANS
(PA) ANTINEOPLASTIC AGENTS
(PA) MUTAGENS

2-(4-(2-nitro-1-(4-methoxyphenyl)-2-phenylvinyl)phenoxy)-N-ethylpyrrolidin-2- one
(RN) 87261-96-9
(SY) 2-NMPEO
(HM) *NITROMIFENE/analogs
(PA) ESTROGENS
(PA) ESTROGEN ANTAGONISTS
(II) RECEPTORS, ESTROGEN/drug eff
(NO) RN & structure given in first source; RN not in Chemline 12/21/83

3-(5-nitro-1-methyl-2-imidazolyl)methyleneamino- 5-morpholinomethyl-2-oxazolidinone see moxnidazole

nitromide
(RN) 121-81-3
(SY) 3,5-dinitrobenzamide
(SY) unistat
(HM) *BENZAMIDES
(PA) ANTIPROTOZOAL AGENTS
(PA) ANTI-INFECTIVE AGENTS
(NO) antibacterial agent for prevention & treatment of Salmonella pullorum infections in chickens & turkeys & for fowl typhoid & paratyphoid; used in feed; structure

1-nitronaphthalene
(RN) 86-57-7
(RR) 27254-36-0 (cpd with unspecified nitro locant)
(HM) *NAPHTHALENES
(PA) CARCINOGENS
(NO) RN given refers to cpd with locant for nitro moiety in 1 position

nitrones
(HM) *NITROGEN OXIDES
(NO) structure

3-nitro-1-nitroso-1-(p-pyridylmethyl) guanidine
(SY) NNPMG
(SY) 3-nitro-1-nitroso-1-(4-pyridylmethyl)guanidine
(HM) *NITROSOGUANIDINES
(NO) structure given in first source

3-nitro-1-nitroso-1-(4-pyridylmethyl)guanidine see 3-nitro-1-nitroso-1-(p-pyridylmethyl)guanidine

Nitronox see Entonox

5-nitro-ortho-anisidine see 5-nitro-2-methoxyaniline

3-nitroperylene
(RN) 20589-63-3
(RR) 80182-36-1 (cpd with unspecified locant for nitro group)
(HM) *PERYLENE/analogs
(NO) RN given refers to cpd with nitro group in position 3

5-nitro-PGI2-disodium see 5-nitroprostaglandin I2

5-nitro-PGI1 see 5-nitroprostaglandin I1

5-nitro-PGI2 see 5-nitroprostaglandin I2

9-nitrophenanthrene
(RN) 954-46-1
(RR) 68455-92-5 (cpd with unspecified nitro locant)
(HM) *PHENANTHRENES
(PA) MUTAGENS
(NO) RN given refers to parent cpd; structure given in first source

6-nitrophenanthro(3,4-d)-3-dioxole-5-carboxylic acid see aristolochic acid II

4-nitrophenethylamine
(RN) 24954-67-4
(SY) para-nitrophenylethylamine
(HM) *PHENETHYLAMINES

p-nitrophenetol see 4-nitrophenetol

p-nitrophenetole see 4-nitrophenetol

p-nitrophenetole-O-dealkylase see 4-nitrophenetole-O-dealkylase

4-nitrophenetole-O-dealkylase
(RN) EC 1.-
(SY) p-nitrophenetole O-deethylase
(SY) para-nitrophenetole-O-dealkylase
(SY) p-nitrophenetole-O-dealkylase
(HM) *OXIDOREDUCTASES

p-nitrophenetole O-deethylase see 4-nitrophenetole-O-dealkylase

4-nitrophenetol
(RN) 100-29-8
(SY) p-nitrophenetole
(SY) para-nitrophenetol
(SY) p-nitrophenetol
(HM) *NITROBENZENES

p-nitrophenol see 4-nitrophenol

4-nitrophenol-2-hydroxylase
(RN) EC 1.14.13.-
(SY) 4-nitrophenol monooxygenase
(HM) *HYDROXYLASES
(II) NOCARDIA
(NO) inducible enzyme isolated from Nocardia sp.; requires O2, NADH & FAD; catalyzes the conversion of 4-nitrophenol to 4-nitrocatechol

4-nitrophenol monooxygenase see 4-nitrophenol-2-hydroxylase

p-nitrophenol phosphate see nitrophenylphosphate

p-nitrophenol sulfate see 4-nitrophenyl sulfate

2-nitrophenol
(RN) 88-75-5
(RR) 20722-38-7 (NH3 salt)
(RR) 824-39-5 (Na salt)
(SY) ortho-nitrophenol
(HM) *NITROPHENOLS
(NO) RN given refers to parent cpd

4-nitrophenol
(RN) 100-02-7
(RR) 824-78-2 (Na salt)
(RR) 54744-95-5 (2,6-(14)C2-labeled cpd)
(RR) 64070-86-6 (Mn(2+) salt)
(RR) 64047-83-2 (Zn salt)
(RR) 64047-82-1 (Sn(4+) salt)
(RR) 64047-81-0 (Mg salt)
(RR) 64047-80-9 (Fe(3+) salt)
(RR) 64047-79-6 (Al salt)
(RR) 57936-22-8 (Sn(2+) salt)
(RR) 22098-38-0 (Hg(2+) salt)
(RR) 20722-39-8 (NH4 salt)
(RR) 1124-30-7 (Cs salt)
(RR) 36678-69-0 (Cu(1+) salt)
(RR) 59721-90-3 (14C-labeled cpd)
(RR) 1124-32-9 (Li salt)
(RR) 1124-31-8 (K salt)
(RR) 34536-22-6 (ion(1-))
(RR) 34540-33-5 (ion(1-).hydride)
(RR) 42083-62-5 (Na salt[2:1].dihydrate)
(RR) 3881-07-0 (1-(13)C-labeled cpd)
(RR) 60837-75-4 (2-(14)C-labeled cpd)
(RR) 58402-66-7 (14C-labeled cpd)
(RR) 70479-88-8 (2,6-(13)C2-labeled cpd)
(RR) 20168-37-0 ((18)O-labeled cpd)
(SY) p-nitrophenol
(HM) *NITROPHENOLS
(NO) RN given refers to parent cpd

4-nitrophenoxycarbonyl methyl disulfide
(RN) 73143-98-3
(SY) NPCMD
(SY) para-nitrophenoxycarbonyl methyl disulfide
(HM) *DISULFIDES
(NO) effective quantitating agent for methanthiolation of sulfhydryl groups; structure given in first source

4-nitro-2-phenoxymethanesulfonanilide see R-805

2-nitrophenyl-2-acetamido-2-deoxy-6-O-beta galactopyranosyl-alpha galactopyranoside
(SY) o-nitrophenyl-ADGG
(HM) *DISACCHARIDES
(NO) structure given in first source

4-nitrophenyl acetate
(RN) 830-03-5
(RR) 81990-94-5 (14C-labeled cpd)
(SY) para-nitrophenyl acetate
(HM) *NITROPHENOLS
(NO) acetic acid ester of 4-nitrophenol; do not confuse with 4-nitrophenylacetic acid; RN given refers to unlabeled parent cpd

4-nitrophenyl-N-acetylamino-beta-galactose see 4-nitrophenyl-N-acetyl-beta-D-galactosaminide

4-nitrophenyl-N-acetyl-beta-D-galactosaminide
(RN) 14948-96-0
(RR) 23646-68-6 ((alpha)-anomer)
(SY) para-nitrophenyl-N-acetyl-beta-D-galactosaminide
(SY) 4-nitrophenyl-N-acetylamino-beta-galactose
(HM) ACETYLGALACTOSAMINE/*analogs
(NO) RN given refers to (beta)-anomer

4-nitrophenyl-N-acetyl-beta glucosaminide-6-sulfate
(SY) p-nitrophenyl-AGS
(HM) GLUCOSAMINE/*analogs

o-nitrophenyl-ADGG see 2-nitrophenyl-2-acetamido-2-deoxy-6-O-beta galactopyranosyl-alpha galactopyranoside

p-nitrophenyl-AGS see 4-nitrophenyl-N-acetyl-beta glucosaminide-6-sulfate

4-nitrophenylalanine
(RN) 1991-83-9
(RR) 949-99-5 ((L)-isomer)
(RR) 2922-40-9 ((DL)-isomer)
(HM) PHENYLALANINE/*analogs
(NO) RN given refers to cpd without isomeric designation

4-nitrophenylalanyl-prolyl-2-aminohippuric acid see 2-aminobenzoylglycyl-4-nitrophenylalanyl-proline

p-nitrophenyl-alpha-D-glucopyranoside see 4-nitrophenyl alpha-glucoside

4-nitrophenyl-alpha-D-glucopyranoside see 4-nitrophenyl alpha-glucoside

4-nitrophenyl-alpha-glucosidase
(RN) EC 3.2.1.-
(SY) PNP-alpha-D-glucosidase
(SY) para-nitrophenyl-alpha-glucosidase
(SY) glucosidase II
(HM) *ALPHA GLUCOSIDASES
(NO) involved in glycoprotein precessing; cleaves 1-3 linked glucose residues

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4-nitrophenyl alpha-glucoside
(RN) 3767-28-0
(SY) para-nitrophenyl alpha-glucoside
(SY) 4-nitrophenyl-alpha-D-glucopyranoside
(SY) p-nitrophenyl-alpha-D-glucopyranoside
(HM) *GLUCOSIDES
(NO) RN given refers to (alpha)-anomer; see also (beta)-anomers: 29857-05-4, 2492-87-7; cpd with unspecified anomer: 5779-46-4

4-nitrophenyl-alpha-maltotetraose
(RN) 66068-37-9
(SY) NPMT
(SY) para-nitrophenyl-alpha-D-maltotetraose
(HM) *OLIGOSACCHARIDES
(NO) substrate for alpha amylase

4-nitrophenyl-alpha-D-mannopyranoside
(RN) 10357-27-4
(SY) para-nitrophenyl-alpha-D-mannopyranoside
(SY) PNPAM
(HM) *MANNOSIDES
(NO) see also record for (beta)-isomer

1-(4'-nitrophenyl)-2-aminopropane-1,3-diol
(RN) 119-62-0
(RR) 54718-61-5 (sulfate(S-(R*,R*))-isomer)
(RR) 19534-26-0 (mono-HCl(S-(R*,R*))-isomer)
(RR) 6460-74-8 (mono-HCl(R*,R*)-(+-)-isomer)
(RR) 3689-55-2 ((R*,R*)-(+-)-isomer)
(RR) 2964-48-9 ((S-(R*,R*))-isomer)
(RR) 2792-52-1 ((R*,S*)-(+-)-isomer)
(RR) 2792-51-0 ((R-(R*,S*))-isomer)
(RR) 35530-10-0 (mono-HCl(1R,2R)-isomer)
(RR) 716-61-0 ((R-(R*,R*))-isomer)
(RR) 39909-62-1
(mono-L-(+)-tartrate(R-(R*,R*))-isomer)
(RR) 51580-81-5 (L-(+)-tartrate(S-(R*,R*))-isomer)
(RR) 71115-69-0 ((S-(R*,R*))-isomer)
(RR) 73353-15-8
((S)-hydroxybutanedioate[2:1](S-(R*,R*))-isomer)
(RR) 73822-65-8 (mononitrate)
(SY) chloramphenicol base
(SY) para-nitrophenylserinal
(SY) 2-amino-1-nitrophenylpropane-1,3-diol
(HM) CHLORAMPHENICOL/*analogs
(NO) chloramphenicol minus dichloroacetamide side chain; RN given refers to cpd without isomeric designation

4-nitrophenyl anthranilate
(RN) 19176-60-4
(SY) para-nitrophenyl anthranilate
(HM) *ANTHRANILIC ACIDS
(PA) PROTEASE INHIBITORS
(NO) structure in second source

p-nitrophenylarsonic acid see nitarsone

2-nitrophenyl azide
(RN) 1516-58-1
(HM) *AZIDES
(PA) MONOAMINE OXIDASE INHIBITORS

3-nitrophenyl azide
(RN) 1516-59-2
(HM) *AZIDES
(PA) MONOAMINE OXIDASE INHIBITORS

p-nitrophenyl beta-D-cellobioside see 4-nitrophenyl beta-cellobioside

4-nitrophenyl beta-cellobioside
(RN) 3482-57-3
(SY) p-nitrophenyl beta-D-cellobioside
(SY) para-nitrophenyl beta-D-cellobioside
(SY) PNPC
(HM) *GLUCOSIDES
(NO) RN given refers to (beta)-isomer; see also (alpha)-anomer: 17400-77-0

p-nitrophenyl 2-O-beta-L-fucopyranosyl-beta-D-fucopyranoside see 4-nitrophenyl 2-fucopyranosyl-fucopyranoside

p-nitrophenyl-beta-D-glucopyranoside see 4-nitrophenyl beta-D-glucoside

4-nitrophenyl beta-D-glucoside
(RN) 2492-87-7
(RR) 58672-38-1 (hydride)
(RR) 58800-28-5 (ion(1-))
(SY) 4-nitrophenylglucoside
(SY) para-nitrophenyl beta-D-glucoside
(SY) p-nitrophenyl-beta-D-glucopyranoside
(HM) *GLUCOSIDES
(NO) RN given refers to (beta)-anomer; see also (alpha)-anomer: 3767-28-0; cpd with unspecified anomer: 5779-46-4

p-nitrophenyl-beta-D-glucuronide see 4-nitrophenylglucuronide

p-nitrophenyl beta-D-lactoside see 4-aminophenyl beta-lactoside

4-nitrophenyl-beta-D-mannopyranoside
(RN) 35599-02-1
(SY) para-nitrophenyl-beta-D-mannopyranoside
(SY) PNPBM
(HM) *MANNOSIDES
(NO) see also record for (alpha)-isomer

p-nitrophenyl beta-D-xylopyranoside see 4-nitrophenyl beta-D-xyloside

p-nitrophenyl beta-D-xyloside see 4-nitrophenyl beta-D-xyloside

4-nitrophenyl beta-D-xyloside
(RN) 2001-96-9
(SY) p-nitrophenyl beta-D-xylopyranoside
(SY) para-nitrophenyl beta-D-xyloside
(SY) p-nitrophenyl beta-D-xyloside
(HM) *GLYCOSIDES
(NO) RN in Chemline for the alpha-anomer: 10238-28-5

o-nitrophenyl butyrate see 2-nitrophenyl butyrate

2-nitrophenyl butyrate
(RN) 2487-26-5
(SY) ortho-nitrophenyl butyrate
(SY) o-nitrophenyl butyrate
(HM) *PHENYLBUTYRATES

4-nitrophenyl butyrate
(RN) 2635-84-9
(SY) para-nitrophenyl butyrate
(HM) *PHENYLBUTYRATES

4-nitrophenylcarbamylleucine-tRNA see tRNA, 4-nitrophenylcarbamylleucine

p-nitrophenyldiazonium see 4-nitrophenyldiazonium

p-nitrophenyldiazonium chloride see 4-nitrophenyldiazonium

p-nitrophenyldiazonium fluoroborate see 4-nitrophenyldiazonium

4-nitrophenyldiazonium
(RN) 14368-49-1
(RR) 456-27-9 (fluoroborate)
(RR) 100-05-0 (chloride)
(RR) 42238-29-9 (nitrate)
(RR) 54514-27-1 (iodide)
(RR) 63580-64-3 (nitride[3:1])
(SY) p-nitrophenyldiazonium fluoroborate
(SY) p-nitrophenyldiazonium chloride
(SY) para-nitrophenyldiazonium
(SY) p-nitrophenyldiazonium
(HM) *DIAZONIUM COMPOUNDS
(NO) RN given refers to parent cpd; structure

p-nitrophenyl di-N-butylphosphinate see nibufin

p-nitrophenyl dibutylphosphinic acid see nibufin

4-nitrophenyl dibutylphosphinic acid see nibufin

4-nitrophenyl 3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate
(SY) 4-NPDC
(HM) *PYRETHRINS
(NO) substrate for pyrethroid-hydrolyzing esterases; structure given in first source

4-(2'-nitrophenyl)-2,6-dimethylpyridine-3,5-dicarboxylic acid dimethyl ester
(SY) B 4759
(SY) B-4759
(HM) NIFEDIPINE/*analogs
(NO) metabolite of nifedipine

o-nitro-p-phenylenediamine see 2-nitro-4-phenylenediamine

2-nitro-p-phenylenediamine see 2-nitro-4-phenylenediamine

2-nitro-1,4-phenylenediamine see 2-nitro-4-phenylenediamine

2-nitro-4-phenylenediamine
(RN) 5307-14-2
(RR) 68239-83-8 (sulfate[1:1])
(RR) 18266-52-9 (di-HCl)
(SY) 1,4-diamino-2-nitrobenzene
(SY) 2-nitro-1,4-phenylenediamine
(SY) o-nitro-p-phenylenediamine
(SY) 2-nitro-p-phenylenediamine
(HM) *PHENYLENEDIAMINES
(PA) CARCINOGENS
(NO) 2-nitro-1,4-benzenediamine; RN given refers to parent cpd

P(3)-1-(2-nitro)phenylethyladenosine 5'-triphosphate
(RN) 67030-27-7
(SY) caged ATP
(HM) ADENOSINE TRIPHOSPHATE/*analogs
(NO) inert toward Na pump; can be incorporated into vesicles & on continuous irradiation forms ATP; structure given in first source

1-nitro-2-phenylethylene see beta-nitrostyrene

4-nitrophenyl 2-fucopyranosyl-fucopyranoside
(RN) 84730-06-3
(SY) para-nitrophenyl 2-O-alpha-L-fucopyranosyl-beta-D-fucopyranoside
(SY) p-nitrophenyl 2-O-beta-L-fucopyranosyl-beta-D-fucopyranoside
(SY) NP-fuco-fucoside
(HM) *DISACCHARIDES

4-nitrophenylglucoside see 4-nitrophenyl beta-D-glucoside

p-nitrophenylglucuronide see 4-nitrophenylglucuronide

4-nitrophenylglucuronide
(RN) 10344-94-2
(SY) p-nitrophenyl-beta-D-glucuronide
(SY) para-nitrophenylglucuronide
(SY) p-nitrophenylglucuronide
(HM) *GLUCURONATES

p-nitrophenylglycerol see 4-nitrophenylglycerol

4-nitrophenylglycerol
(RN) 41204-85-7
(SY) para-nitrophenylglycerol
(SY) p-nitrophenylglycerol
(HM) *NITROBENZENES
(NO) antiswarming agent for bacterial cultures

p-nitrophenyl p'-guanidinobenzoate see 4-nitrophenyl 4'-guanidinobenzoate

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4-nitrophenyl p'-guanidinobenzoate see 4-nitrophenyl 4'-guanidinobenzoate

4-nitrophenyl 4'-guanidinobenzoate
(RN) 21658-26-4
(RR) 19135-17-2 (HCl)
(RR) 52766-52-6 (cpd with unspecified locant for nitrophenyl group)
(RR) 62276-24-8 (HCl with unspecified locant for nitrophenyl group)
(SY) para-nitrophenyl p'-guanidinobenzoate
(SY) p-nitrophenyl p'-guanidinobenzoate
(SY) 4-nitrophenyl p'-guanidinobenzoate
(HM) *BENZOATES
(NO) kallikrein substrate; acrosin antagonist in sperm; serine esterase inhibitor; RN given refers to parent cpd; structure

4-nitrophenylhydroxylamine
(RN) 16169-16-7
(SY) para-nitrophenylhydroxylamine
(HM) *HYDROXYLAMINES
(PA) MUTAGENS

4-nitrophenyl maltoheptaoside
(RN) 74173-31-2
(SY) alpha-4-nitrophenyl maltoheptaoside
(SY) para-nitrophenyl maltoheptaoside
(HM) *GLUCOSIDES
(II) CHROMOGENIC COMPOUNDS

2-nitrophenylmaltoside
(RN) 31208-93-2
(SY) ortho-nitrophenylmaltoside
(HM) *GLUCOSIDES
(NO) RN given refers to (alpha-D)-isomer; RN for cpd without isomeric designation not in Chemline 5/85

4-nitrophenylmaltoside
(RN) 17400-77-0
(SY) para-nitrophenylmaltoside
(HM) *GLUCOSIDES

o-nitrophenyl methyl ether see 2-nitroanisole

1-(4-nitrophenyl)-3-methyltriazene
(RN) 40643-39-8
(SY) 1-NPMT
(HM) *TRIAZENES
(NO) structure given in first source

O-4-nitrophenyl phenylphosphonate
(RN) 57072-35-2
(RR) 57885-61-7 (NH4 salt)
(SY) 4-nitrophenyl phosphonate
(SY) PNPpPh
(HM) *ORGANOPHOSPHORUS COMPOUNDS
(HM) *NITROPHENOLS
(NO) phosphonate ester substrate for nitrophenyl phosphatase; RN & N1 from CI Form Index; cpd not in Chemline 7/7/83

p-nitrophenyl phosphate see nitrophenylphosphate

nitrophenylphosphate
(RN) 330-13-2
(RR) 4154-43-2 (mono-Na salt)
(RR) 4264-83-9 (di-Na salt)
(RR) 54306-27-3 (Na salt)
(RR) 34348-91-7 (di-NH4 salt)
(RR) 32348-90-6 (Mg salt)
(RR) 16785-19-6 (di-K salt)
(SY) p-nitrophenol phosphate
(SY) p-nitrophenyl phosphate
(SY) 4-nitrophenylphosphate
(HM) *NITROPHENOLS
(HM) *ORGANOPHOSPHORUS COMPOUNDS
(NO) RN given refers to mono(4-nitrophenyl) ester of phosphoric acid

4-nitrophenylphosphate see nitrophenylphosphate

4-nitrophenyl phosphonate see O-4-nitrophenyl phenylphosphonate

4-nitrophenyl-phosphorylcholine see 4-nitrophenylphosphorylcholine

4-nitrophenylphosphorylcholine
(SY) NPPC
(SY) para-nitrophenylphosphorylcholine
(SY) 4-nitrophenyl-phosphorylcholine
(HM) PHOSPHORYLCHOLINE/*analogs

3-nitrophenyl 3-piperidinecarboxylate
(SY) meta-nitrophenyl 3-piperidinecarboxylate HCl
(SY) MNPC
(HM) *NIPECOTIC ACIDS
(PA) ANTICONVULSANTS
(NO) structure given in first source

4-nitrophenyl 5-n-propyl-2-furoate
(RN) 59212-59-8
(RR) 96055-97-9 (13C-labeled cpd)
(SY) PNPPF
(HM) *FURANS
(NO) RN given in first source; RN not in Chemline 9/85; RN given refers to unlabeled parent cpd

2-nitrophenyl selenocyanic acid
(RN) 51694-22-5
(SY) ortho-nitrophenyl selenocyanate
(SY) ONPSC
(HM) *NITRILES
(II) INDICATORS AND REAGENTS

4'-(4-nitrophenyl)sulfamoyl)acetanilide see sulfanitran

p-nitrophenyl sulfate see 4-nitrophenyl sulfate

4-nitrophenyl sulfate
(RN) 1080-04-2
(RR) 6217-68-1 (K salt)
(RR) 36204-25-8 (ion(1-))
(RR) 5702-17-8 (Na salt)
(SY) p-nitrophenol sulfate
(SY) para-nitrophenyl sulfate
(SY) p-nitrophenyl sulfate
(HM) *NITROBENZENES
(NO) RN given refers to parent cpd

2-(2-nitrophenylsulfenyl)-3-methyl-3-bromoindolenine see BNPS-skatole

4-nitrophenyl-6-sulfo-2-acetamido-2-deoxyglucose
(RN) 80095-44-9
(SY) PNP-GlcNAc-6-SO4
(SY) NPSADG
(HM) ACETYLGLUCOSAMINE/*analogs
(II) CHROMOGENIC COMPOUNDS
(NO) chromogenic substrate for beta-hexosaminidase A; distinguishes type-ABGM2-gangliosidosis

2-nitrophenylsulphenyl chloride
(RN) 7669-54-7
(SY) NPS-Cl
(HM) *NITROBENZENES
(II) INDICATORS AND REAGENTS
(NO) structure

4-nitrophenyl 3'-thymidylate
(RN) 16562-50-8
(RR) 26886-08-8 (mono-NH4 salt)
(SY) thymidine 3'-phosphate 4-nitrophenyl ester
(HM) *THYMIDINE MONOPHOSPHATE/analogs
(NO) RN given refers to parent cpd

N-(4-nitrophenyl)validamine
(HM) INOSITOL/*analogs
(NO) structure given in first source

N-(4-nitrophenyl)valienamine
(HM) INOSITOL/*analogs
(NO) structure given in first source

3-nitrophthalimide
(SY) DM113
(SY) DM 113
(SY) DM-113
(HM) *ISOQUINOLINES
(II) FLUORESCENT DYES

6-nitro,2-(1-piperazinyl)quinoline see DU 24565

2-nitropropane dioxygenase
(RN) EC 1.13.11.-
(HM) *OXYGENASES
(NO) converts 2 moles 2-nitropropane to 2 moles acetone

2-nitropropane
(RN) 79-46-9
(RR) 25322-01-4 (cpd with unspecified nitro locant)
(HM) *NITROPARAFFINS
(HM) PROPANE/*analogs
(II) SOLVENTS
(NO) RN given refers to cpd with locant for nitro moiety in 2 position

3-nitropropanoic acid see 3-nitropropionic acid

3-nitro-1-propanol
(RN) 25182-84-7
(RR) 38170-50-2 (ion(1-))
(HM) ALCOHOL, PROPYL/*analogs
(NO) RN given refers to parent cpd; N1 same as NM

3-nitropropionate see 3-nitropropionic acid

3-nitropropionic acid
(RN) 504-88-1
(SY) 3-nitropropionate
(SY) 3-nitropropanoic acid
(SY) beta-nitropropionic acid
(HM) *PROPIONIC ACIDS
(II) NEUROTOXINS
(NO) succinate dehydrogenase inactivator

5'-nitro-2'-propoxyacetanilide
(RN) 553-20-8
(SY) Falimint
(SY) acetylaminonitropropoxybenzene
(SY) 1-propoxy-2-acetamino-4-nitrobenzene
(HM) *ACETANILIDES
(PA) ANALGESICS, ANTI-INFLAMMATORY
(NO) structure in Merck Index, 9th ed, #6451

5-nitroprostaglandin I1
(SY) 5-nitro-PGI1
(HM) *PROSTAGLANDINS X
(PA) VASODILATOR AGENTS

5-nitroprostaglandin I2
(SY) 5-nitro-PGI2
(SY) 5-nitro-PGI2-disodium
(HM) *PROSTAGLANDINS X
(NO) structure given in first source

3-nitropyrazole see DJW 94

1-nitropyrene nitroreductase see 1-nitropyrene reductase

1-nitropyrene-2-ol
(RN) 85628-24-6
(HM) *PYRENES
(PA) MUTAGENS
(NO) RN given from Toxline; RN not in Chemline 5/84

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1-nitropyrene-3-ol
(RN) 86674-49-9
(HM) *PYRENES
(PA) MUTAGENS
(NO) 1-nitropyrene metabolite from rat liver; structure given in first source

1-nitropyrene-6-ol
(RN) 1767-28-8
(HM) *PYRENES
(PA) MUTAGENS
(NO) 1-nitropyrene metabolite from rat liver; structure given in first source

1-nitropyrene-8-ol
(RN) 1732-29-2
(HM) *PYRENES
(PA) MUTAGENS
(NO) metabolite of 1-nitropyrene in rat liver; structure given in first source

1-nitropyrene reductase
(RN) EC 1.7.-
(SY) 1-nitropyrene nitroreductase
(HM) *OXIDOREDUCTASES
(NO) NADH or NADPH can serve as reducing agent to form 1-aminopyrene

1-nitropyrene
(RN) 5522-43-0
(RR) 63021-86-3 (cpd with unspecified nitro moiety locant)
(SY) 3-nitropyrene
(HM) *PYRENES
(NO) RN given refers to parent cpd

3-nitropyrene see 1-nitropyrene

4-nitropyridine 1-oxide
(RN) 1124-33-0
(HM) *CYCLIC N-OXIDES

5-nitro-2-(2-(1-pyrrolidinelethyl)-benzo(de) isoquinoline-1,3-dione see M-12210

nitroquine see CI-679

nitroquinoline N-oxide reductase
(RN) EC 1.6.6.10
(RR) 37256-35-2 (CRN)
(HM) *NADH, NADPH OXIDOREDUCTASES

5-nitroquinolin-8-ol see nitroxoline

nitro reductase
(RN) EC 1.-
(HM) *OXIDOREDUCTASES
(NO) see also record for aromatic NADH-dependent nitro reductase

2-nitro-1-ribofuranosylimidazole
(RN) 17306-45-3
(SY) azomycin riboside
(HM) *NITROIMIDAZOLES
(PA) RADIATION-SENSITIZING AGENTS
(NO) structure given in first source

N-nitrosallyl-2-oxopropylamine
(RN) 91308-71-3
(SY) NAOP
(HM) *NITROSAMINES
(PA) CARCINOGENS
(NO) structure given in first source

nitrosamides
(HM) *NITROSO COMPOUNDS
(NO) structure

nitroscanate
(RN) 19881-18-6
(SY) 4-nitro-4'-isothiocyanodiphenyl ether
(SY) GS 23654
(SY) Lapatol
(HM) *PHENYL ETHERS
(HM) *THIOCYANATES
(PA) ANTHELMINTICS
(PA) ANTICESTODAL AGENTS

nitrosoacetoxymethylmethylamine see methyl(acetoxymethyl)nitrosamine

N-nitroso-N-acetoxymethyl-N-2-oxopropylamine
(SY) NAMOPA
(HM) *NITROSAMINES
(PA) ALKYLATING AGENTS
(NO) structure given in first source

N-nitroso-N-acetylglycine
(HM) *NITROSAMINES
(PA) CARCINOGENS

S-nitroso-N-acetylpenicillamine
(RN) 79032-48-7
(SY) S-NONAP
(HM) PENICILLAMINE/*analogs
(PA) VASODILATOR AGENTS
(NO) RN given refers to D-valine; RN for cpd without isomeric daignation not in Chemline 3/84

N-nitrosoallyl-2,3-dihydroxypropylamine
(RN) 88208-16-6
(SY) NADHP
(HM) *NITROSAMINES
(PA) CARCINOGENS
(NO) structure given in first source

N-nitrosoallylethanolamine see N-nitroso-N-allyl-N-ethanolamine

N-nitroso-N-allyl-N-ethanolamine
(RN) 91308-69-9
(SY) N-nitrosoallylethanolamine
(SY) NNAEA
(HM) *NITROSAMINES
(PA) CARCINOGENS
(NO) structure given in first source

N'-nitrosoanabasine
(RN) 37620-20-5
(RR) 1133-64-8 ((S)-isomer)
(RR) 84237-39-8 ((+-)-isomer)
(HM) *NITROSAMINES
(NO) structure; RN given refers to cpd without isomeric designation

N'-nitrosoanatabine
(RN) 71267-22-6
(HM) *NITROSAMINES
(PA) CARCINOGENS
(NO) nitroso cpd prepared from alkaloid anatabine; structure given in first source

4-nitrosoazobenzene
(RN) 38241-22-4
(HM) *NITROSO COMPOUNDS
(PA) MUTAGENS
(NO) structure given in first source

nitrosobenzene
(RN) 586-96-9
(RR) 84713-32-6 (14C-labeled cpd)
(HM) *NITROSO COMPOUNDS
(NO) RN given refers to unlabeled parent cpd

nitrosobenzylmethylamine
(RN) 937-40-6
(SY) methylbenzylnitrosamine
(SY) N-methyl-N-nitrosobenzylamine
(SY) N-nitrosomethylbenzylamine
(HM) DIMETHYLNITROSAMINE/*analogs
(PA) CARCINOGENS
(NO) structure

N-nitrosobis(2-acetoxypropyl)amine
(RN) 60414-81-5
(HM) *NITROSAMINES
(PA) CARCINOGENS

N-nitrosobis(2,2,3,3,4,4,4-heptafluorobutyl)amine
(RN) 83329-16-2
(SY) NDBA-F14
(HM) *NITROSAMINES
(NO) biologically inactive; structure given in first source

N-nitroso-bis(2-hydroxypropyl)amine see diisopropanolnitrosamine

N-nitrosobis(2-oxobutyl)amine
(RN) 77698-19-2
(SY) N-BOB
(HM) *NITROSAMINES
(PA) CARCINOGENS
(NO) structure given in first source

nitrosobis(2-oxopropyl)amine
(RN) 60599-38-4
(SY) N-nitrosobis(2-oxopropyl)amine
(SY) 2,2'-dioxopropyl-N-propylnitrosamine
(SY) N-nitroso-2-oxopropylpropylamine
(SY) bis(2-oxopropyl)nitrosamine
(SY) di-oxo-di-n-propylnitrosamine
(HM) *NITROSAMINES
(PA) CARCINOGENS
(NO) structure

N-nitrosobis(2-oxopropyl)amine see nitrosobis(2-oxopropyl)amine

N-nitrosobis(2,2,2-trifluoroethyl)amine
(RN) 625-89-8
(SY) NDEA-F6
(HM) *NITROSAMINES
(NO) biologically inactive; structure given in first source

N-nitrosobutylurea
(RN) 869-01-2
(SY) 1-butyl-1-nitrosourea
(SY) N-butyl-N-nitrosourea
(SY) butylnitrosourea
(HM) *NITROSOUREA COMPOUNDS
(PA) CARCINOGENS
(NO) structure

nitrosocarbamate see nitrosocarbamic acid

nitrosocarbamic acid
(RN) 52553-17-0
(SY) nitrosocarbamate
(HM) *NITROSAMINES
(NO) structure given in first source

nitrosocarbaryl
(RN) 7090-25-7
(RR) 72472-09-4 (13N-labeled cpd)
(RR) 64158-97-0 (cpd with unspecified naphthalenyl locant)
(SY) N-nitrosocarbaryl
(SY) 1-naphthyl-N-methyl-N-nitrosocarbamate
(HM) *NITROSAMINES
(HM) SEVIN/*analogs
(PA) ALKYLATING AGENTS
(NO) combination of food additive sodium nitrite with carbaryl (SEVIN) results in formation of acid solution of potent mutagen; RN given refers to unlabeled parent cpd

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N-nitrosocarbaryl see nitrosocarbaryl

nitrosochloramphenicol
(RN) 67058-47-3
(SY) 2,2-dichloro-N-(2-hydroxy-1-(hydroxymethyl)-2-(4-nitrosophenyl)ethyl)acetamide
(HM) CHLORAMPHENICOL/*analogs
(NO) possible mediator in chloramphenicol-induced aplastic anemia

nitrosocimetidine
(RN) 73785-40-7
(HM) CIMETIDINE/*analogs
(NO) possible metabolite of cimetidine

S-nitrosocysteine
(RN) 51209-75-7
(HM) CYSTEINE/*analogs

N-nitroso-N-diallylamine see diallylnitrosamine

N-nitrosodibenzylamine
(RN) 5336-53-8
(SY) N,N-dibenzylnitrosamine
(HM) *NITROSAMINES
(NO) structure

N-nitrosodibutylamine see dibutylnitrosamine

nitrosodibutylamine see dibutylnitrosamine

N-nitrosodi-n-butylamine see dibutylnitrosamine

N-nitrosodicyclohexylamine
(RN) 947-92-2
(SY) dicyclohexylnitrosamine
(HM) *NITROSAMINES

N-nitrosodiethanolamine
(RN) 1116-54-7
(HM) DIETHYLNITROSAMINE/*analogs
(PA) CARCINOGENS

1-nitroso-5,6-dihydrothymine
(RN) 62641-67-2
(SY) NDHT
(HM) *NITROSAMINES
(NO) non-carcinogen compared to 1-nitroso-5,6-dihydrouracil

1-nitroso-5,6-dihydrouracil
(RN) 16813-36-8
(HM) *NITROSAMINES
(PA) CARCINOGENS

nitroso-di-isopropanolamine see diisopropanolnitrosamine

nitrosodimethylamine demethylase see dimethylnitrosamine N-demethylase

p-nitrosodimethylaniline see 4-nitrosodimethylaniline

4-nitrosodimethylaniline
(RN) 138-89-6
(RR) 42344-05-8 (mono-HCl)
(SY) para-nitrosodimethylaniline
(SY) p-nitrosodimethylaniline
(HM) *NITROSO COMPOUNDS
(NO) structure; RN given refers to parent cpd

N-nitroso-2,6-dimethylmorpholine
(RN) 1456-28-6
(RR) 69091-16-3 ((cis)isomer)
(RR) 69091-15-2 ((trans)-isomer)
(SY) dimethylnitrosomorpholine
(HM) *NITROSAMINES
(NO) RN given refers to parent cpd without isomeric designation

nitrosodimethylurea see N,N'-dimethylnitrosourea

N-nitrosodiphenylamine
(RN) 86-30-6
(RR) 58791-31-4 (14C-labeled cpd)
(SY) diphenylnitrosamine
(HM) *NITROSAMINES
(PA) CARCINOGENS
(NO) RN given refers to parent cpd; structure in first source

N-nitroso(di-n-propyl)amine
(RN) 621-64-7
(SY) dipropylnitrosamine
(SY) N,N-diprpylnitrosamine
(HM) *NITROSAMINES
(PA) CARCINOGENS

N-nitrosododecylmethylamine see N-nitrosomethyldodecylamine

N-nitrosoephedrine
(RN) 17608-59-2
(HM) *NITROSAMINES
(PA) CARCINOGENS

N-nitrosoethyl-2-hydroxyethylamine see N-ethyl-N-hydroxyethylnitrosamine

1-nitroso-1-ethyl-3-(2-hydroxyethyl)urea
(SY) HENU-II
(HM) *NITROSOUREA COMPOUNDS
(PA) CARCINOGENS
(NO) structure given in first source

nitrosoethylmethylamine see methylethylnitrosamine

2-nitrosofluorene
(RN) 2508-20-5
(HM) *NITROSO COMPOUNDS
(PA) CARCINOGENS

nitrosofungin
(RN) 88002-42-0
(SY) 2-N-nitrosohydroxylamino-1-propanol
(HM) NITROSAMINES
(PA) ANTIBIOTICS, ANTIFUNGAL
(NO) from Streptomyces plicatus; structure given in first source

N-nitrosoglycocholic acid
(RN) 76757-85-2
(HM) *NITROSAMINES
(PA) MUTAGENS

N-nitrosoguvacoline
(RN) 55557-02-3
(HM) *NITROSO COMPOUNDS
(PA) CARCINOGENS
(NO) formed by nitrosation of arecoline

nitrosoheme see nitrosylprotoheme

N-nitrosoheptamethyleneimine
(RN) 20917-49-1
(HM) *NITROSAMINES
(PA) CARCINOGENS

N-nitrosohexamethyleneimine see N-nitrosoperhydroazepine

1-nitroso-1-(2-hydroxyethyl)-3-ethylurea
(SY) HENU-I
(HM) *NITROSOUREA COMPOUNDS
(PA) CARCINOGENS
(NO) structure given in first source

N-nitroso-(2-hydroxyethyl)glycine see N-(2-hydroxyethyl)-N-carboxymethylnitrosamine

1-nitroso-1-(2-hydroxyethyl)urea see 1-(2-hydroxyethyl)-1-nitrosourea

2-N-nitrosohydroxylamino-1-propanol see nitrosofungin

N-nitroso-2-hydroxymorpholine
(RN) 67587-52-4
(HM) *NITROSAMINES
(PA) MUTAGENS
(NO) structure given in first source

N-nitroso-3-hydroxypiperidine
(RN) 55556-85-9
(SY) NN-3-P
(HM) *NITROSAMINES
(PA) CARCINOGENS

N-nitroso-4-hydroxypiperidine
(RN) 55556-93-9
(SY) 4-hydroxy-N-nitrosopiperidine
(HM) *NITROSAMINES
(PA) CARCINOGENS

N-nitroso-4-hydroxyproline
(RN) 2443-30-3
(RR) 30310-80-6 ((L-trans)-isomer)
(RR) 30310-80-6 ((L)-isomer)
(RR) 2443-31-4 ((L)-isomer)
(SY) 4-hydroxy-N-nitrosoproline
(HM) *NITROSAMINES
(NO) RN given refrs to cpd without isomeric designation

N-nitroso-2-hydroxypropylamine
(RN) 91308-70-2
(SY) NAHP
(HM) *NITROSAMINES
(PA) CARCINOGENS
(NO) structure given in first source

N-nitroso(2-hydroxypropyl)(2-oxopropyl) amine
(RN) 61499-28-3
(HM) *NITROSAMINES
(PA) CARCINOGENS
(NO) structure

N-nitroso-2-hydroxypropylpropylamine see 2-hydroxypropyl-n-propylnitrosamine

N-nitroso-2-hydroxypropylurea see N-(2-hydroxypropyl)-N-nitrosourea

N-nitroso-3-hydroxypropylurea see N-(3-hydroxypropyl)-N-nitrosourea

N-nitroso-3-hydroxypyrrolidine see 3-hydroxy-1-nitrosopyrrolidine

S-nitrosomercaptoethanol
(RN) 67616-44-8
(SY) S-nitrosothiol
(HM) *NITROSO COMPOUNDS
(NO) inhibits Bacilius cereus spore outgrowth

N-nitrosomethamphetamine
(RN) 86022-93-7
(HM) METHAMPHETAMINE/*analogs
(PA) MUTAGENS
(NO) RN given refers to (S)-isomer; RN for cpd without isomeric designation not in Chemline 12/19/83

N-nitroso-2-methoxy-2,6-dimethylmorpholine
(RN) 73239-98-2
(HM) *NITROSAMINES
(PA) MUTAGENS
(PA) CARCINOGENS
(NO) structure

N-nitroso-N-methylacetamide see N-methyl-N-nitrosoacetamide

N-nitrosomethylacetoxymethylamine see methyl(acetoxymethyl)nitrosamine

4-(N-nitroso-N-methylamino)butyric acid
(RN) 61445-55-4
(SY) NNMAB
(HM) *NITROSAMINES

3-(N-nitroso-N-methylamino)propionic acid
(RN) 10478-42-9
(SY) NNMAP
(HM) *NITROSAMINES

N-nitroso-N-methyl-2-aminopyridine see 2-nitrosomethylaminopyridine

2-nitrosomethylaminopyridine
(RN) 16219-98-0
(SY) N-nitroso-N-methyl-2-aminopyridine
(HM) *NITROSAMINES
(PA) CARCINOGENS
(PA) MUTAGENS
(NO) structure

3-nitrosomethylaminopyridine
(HM) *NITROSAMINES
(NO) structure

4-nitrosomethylaminopyridine
(HM) *NITROSAMINES
(NO) structure

N-nitrosomethylaniline see N-methyl-N-nitrosoaniline

N-nitroso-N-methylaniline see N-methyl-N-nitrosoaniline

N-nitrosomethylbenzylamine debenzylase
(RN) EC 1.14.99.-
(SY) NMBZA debenzylase
(HM) *OXIDOREDUCTASES
(II) CYTOCHROME P-450
(NO) cytochrome P-450 dependent enzyme from rat esophagus which forms benzaldehyde plus a methylating agent; liver enzyme oxidizes at both benzylic & methyl carbon atoms

N-nitrosomethylbenzylamine see nitrosobenzylmethylamine

nitrosomethylbiuret see N-nitroso-N-methylbiuret

N-nitroso-N-methylbiuret
(RN) 13860-69-0
(SY) nitrosomethylbiuret
(HM) *NITROSAMINES
(PA) MUTAGENS
(NO) Russian drug

nitrosomethyl-N-butylamine
(RN) 7068-83-9
(RR) 75016-36-3 (D3-labeled cpd)
(SY) N-nitroso-N-methylbutylamine
(HM) *NITROSAMINES
(PA) CARCINOGENS
(NO) RN given refers to parent cpd

N-nitroso-N-methylbutylamine see nitrosomethyl-N-butylamine

nitrosomethyldiethylurea see diethylmethylnitrosourea

nitrosomethyl-1,2-dihydroxypropylamine see N-nitrosomethyl-2,3-dihydroxypropylamine

N-nitrosomethyl-2,3-dihydroxypropylamine
(RN) 86451-37-8
(SY) 3-(methylnitrosamino)-1,2-propanediol
(SY) nitrosomethyl-1,2-dihydroxypropylamine
(HM) *NITROSAMINES
(PA) CARCINOGENS

2-nitroso-6-methyldipyrido(1,2-a-3',2'-d) imidazole
(RN) 88899-70-1
(SY) 2-NMDI
(HM) *NITROSO COMPOUNDS
(PA) CARCINOGENS
(NO) structure given in first source

N-nitrosomethyldodecylamine
(RN) 55090-44-3
(SY) nitrosomethyl-n-dodecylamine
(SY) N-nitrosododecylmethylamine
(HM) *NITROSAMINES
(PA) CARCINOGENS
(NO) product of reaction of dimethyl-n-dodecylamine with nitrous acid

nitrosomethyl-n-dodecylamine see N-nitrosomethyldodecylamine

nitrosomethylethylamine see methylethylnitrosamine

N-nitroso-N-methyl-4-fluoroaniline
(RN) 937-25-7
(SY) p-FNMA
(HM) *NITROSO COMPOUNDS
(PA) CARCINOGENS

nitrosomethyl-N-heptylamine
(RN) 16338-99-1
(HM) *NITROSAMINES
(PA) CARCINOGENS

nitrosomethyl-N-hexylamine
(RN) 28538-70-7
(HM) *NITROSAMINES
(PA) CARCINOGENS

N-nitroso-N-methyl-N-hydroxymethylamine
(RN) 58840-25-8
(SY) methylnitrosoaminomethanol
(SY) NNMHM
(HM) *NITROSAMINES
(PA) CARCINOGENS

N-nitrosomethyl-2-hydroxypropylamine
(RN) 75411-83-5
(RR) 70377-77-4 ((S)-isomer)
(SY) NNM-2-HP
(HM) *NITROSAMINES
(PA) CARCINOGENS
(PA) MUTAGENS
(NO) RN & NI from CA Form Index; RN given refers to parent cpd without isomeric designation; structure in first source

N-nitroso-N-methyl-4-nitroaniline
(RN) 943-41-9
(SY) NMNA
(HM) *NITROSO COMPOUNDS
(PA) CARCINOGENS

N-nitroso-N-methyloctadecylamine see methyloctadecylnitrosamine

N-nitroso-5-methyl-1,3-oxazolidine
(RN) 35631-27-7
(SY) NNMOZ
(HM) *NITROSAMINES
(NO) environmental nitrosamine present in commercial foodstuff cutting fluid

3-nitroso-5-methyloxazolidinone see 3-nitroso-5-methyl-2-oxazolidone

3-nitroso-5-methyl-2-oxazolidone
(RN) 79624-33-2
(SY) 3-nitroso-5-methyloxazolidinone
(HM) *NITROSAMINES
(PA) CARCINOGENS
(NO) structure given in first source

N-nitrosomethyl(2-oxobutyl)amine
(RN) 89367-14-6
(SY) M-2-OB
(HM) *NITROSAMINES
(PA) CARCINOGENS

N-nitrosomethyl(3-oxobutyl)amine
(RN) 89367-15-7
(SY) M-3-OB
(HM) *NITROSAMINES
(PA) CARCINOGENS

N-nitrosomethyl-2-oxopropylamine
(RN) 55984-51-5
(SY) NNM-2-OP
(HM) *NITROSAMINES
(PA) CARCINOGENS
(PA) MUTAGENS
(NO) RN & NI from 9th CI Form Index; structure in first source

N-nitrosomethylphenylamine see N-methyl-N-nitrosoaniline

nitrosomethyl-(2-phenylethyl)amine
(RN) 13256-11-6
(HM) *NITROSAMINES
(PA) CARCINOGENS

N-nitroso-N'-methylpiperazine
(RN) 16339-07-4
(SY) 1-nitroso-4-methylpiperazine
(HM) *NITROSAMINES

1-nitroso-4-methylpiperazine see N-nitroso-N'-methylpiperazine

1-nitroso-3-methyl-4-piperidone
(RN) 71677-48-0
(SY) NN-3-MP
(SY) N-nitroso-3-methyl-4-piperidone
(HM) *NITROSAMINES
(PA) CARCINOGENS

N-nitroso-3-methyl-4-piperidone see 1-nitroso-3-methyl-4-piperidone

N-nitrosomethyl-N-propylamine
(RN) 924-46-9
(HM) *NITROSAMINES
(PA) CARCINOGENS

N-nitrosomethyltetradecylamine
(RN) 75881-20-8
(HM) *NITROSAMINES
(PA) CARCINOGENS
(NO) structure given in first source

N-nitroso-2-methylthiazolidine-4-carboxylic acid
(SY) NMTCA
(HM) *THIAZOLES
(HM) *NITROSO COMPOUNDS
(NO) found in human urine

N-nitroso-2-methylthioproline
(SY) N-nitroso-2-methyl-L-thioproline
(HM) *NITROSO COMPOUNDS
(HM) *THIAZOLES
(NO) found in normal human urine

N-nitroso-2-methyl-L-thioproline see N-nitroso-2-methylthioproline

N-nitrosomorpholine
(RN) 59-89-2
(HM) *NITROSAMINES
(PA) CARCINOGENS
(PA) MUTAGENS

N-nitrosomorpholinoaminoacetonitrile see SIN-1A

2-nitroso-1-naphthol-4-sulfonic acid
(RN) 3682-32-4
(HM) *NAPHTHALENESULFONATES
(II) INDICATORS AND REAGENTS
(NO) used for determination of serum iron

1-nitroso-2-naphthol
(RN) 131-91-9
(RR) 25335-49-3 (Li salt)
(RR) 3011-45-8 (Na salt)
(RR) 37960-64-8 (Tl(3+) salt)
(RR) 71348-76-0 (NH4 salt)
(HM) *NITROSO COMPOUNDS
(NO) RN given refers to parent cpd; structure in Merck, 9th ed, #6461

N'-nitrosonornicotine
(RN) 80508-23-2
(RR) 16543-55-8 ((S)-isomer)
(RR) 84237-38-7 ((+-)-isomer)
(SY) nitrosonornicotine
(HM) *NITROSAMINES
(PA) CARCINOGENS
(NO) structure; RN given refers to parent cpd without isomeric designation

nitrosonornicotine see N'-nitrosonornicotine

N'-nitrosonornicotine-N-oxide
(RN) 78246-24-9
(RR) 75195-76-5 ((S)-isomer)
(SY) NNN-1-N-oxide
(HM) *NITROSAMINES
(PA) CARCINOGENS
(NO) RN given refers to cpd without isomeric designation; structure given in first source

nitrosooxazolidine see N-nitroso-1,3-oxazolidine

N-nitroso-1,3-oxazolidine
(RN) 39884-52-1
(SY) nitrosooxazolidine
(HM) *NITROSO COMPOUNDS
(PA) CARCINOGENS

3-nitroso-2-oxazolidinone see 3-nitroso-2-oxazolidone

3-nitroso-2-oxazolidone
(RN) 38347-74-9
(SY) 3-nitroso-2-oxazolidinone
(HM) *NITROSAMINES
(PA) CARCINOGENS
(NO) structure given in first source

N-nitroso-2-oxopropylpropylamine see nitrosobis(2-oxopropyl)amine

N-nitroso-(2-oxopropyl)propylamine see 2-oxopropyl-n-propylnitrosamine

N-nitrosopentamethyleneimine see N-nitrosopiperidine

N-nitrosoperhydroazepine
(RN) 932-83-2
(SY) N-nitrosohexamethyleneimine
(HM) *NITROSAMINES
(PA) CARCINOGENS

N-nitrosophenacetin
(HM) *NITROSAMINES
(PA) MUTAGENS
(PA) TERATOGENS
(NO) structure given in first source

4-nitrosophenetole
(RN) 3420-97-1
(SY) para-nitrosophenetol
(HM) PHENACETIN/*analogs

2-nitroso-1-phenylpropane
(RN) 55941-34-9
(RR) 61692-75-9 ((+-)-isomer)
(HM) *NITROSO COMPOUNDS

1-nitrosopiperazine
(RN) 5632-47-3
(SY) N-mononitrosopiperazine
(HM) *NITROSAMINES
(PA) CARCINOGENS

nitrosopiperidine see N-nitrosopiperidine

N-nitrosopiperidine
(RN) 100-75-4
(SY) N-nitrosopentamethyleneimine
(SY) nitrosopiperidine
(HM) *NITROSAMINES
(PA) CARCINOGENS
(PA) MUTAGENS
(NO) structure

1-nitroso-4-piperidone
(RN) 55556-91-7
(SY) N-nitroso-4-piperidone
(SY) NN-4-P
(HM) *NITROSAMINES
(PA) CARCINOGENS

N-nitroso-4-piperidone see 1-nitroso-4-piperidone

nitrosoproline
(RN) 7519-36-0
(RR) 55514-93-7 ((cis)-isomer)
(RR) 55514-92-6 ((trans)-isomer)
(RR) 57282-09-4 (14C-labeled cpd)
(RR) 42022-03-7 ((D)-isomer)/LOGIN
(RR) 2571-28-0 ((DL)-isomer)
(SY) N-nitroso-L-proline
(HM) *NITROSAMINES
(NO) RN given refers to 1-nitroso-L-proline

N-nitroso-L-proline see nitrosoproline

N-nitroso-prolylalanine
(RN) 95326-12-8
(SY) NO-Pro-Ala
(HM) *NITROSAMINES
(HM) *DIPEPTIDES
(NO) RN given refers to all (L)-isomer; RN for cpd without isomeric designation not in Chemline 10/85; structure given in first source

N-nitroso-prolylglycine
(RN) 88476-94-2
(SY) NO-Pro-Gly
(HM) *NITROSAMINES
(HM) *DIPEPTIDES
(NO) RN given refers to (L)-Pro isomer; RN for cpd without isomeric designation not in Chemline 10/85; structure given in first source

N-nitroso-prolyl-4-hydroxyproline
(RN) 88476-96-4
(SY) NO-Pro-Hyp
(HM) *NITROSAMINES
(HM) *DIPEPTIDES
(NO) RN given refers to all (L)-(trans)-isomer; RN for cpd without isomeric designation not in Chemline 10/85; structure given in first source

N-nitrosopropranolol
(RN) 84418-35-9
(HM) PROPRANOLOL/*analogs
(HM) *NITROSAMINES
(NO) structure for (E)-isomer & RN given in first source

N-nitroso-N-propylurea see propylnitrosourea

1-nitrosopyrene
(RN) 86674-51-3
(HM) *PYRENES
(NO) structure given in first source

N-nitrosopyridinol carbamate
(RN) 85514-40-5
(SY) N-mononitrosopyridinol carbamate
(HM) *PYRIDINOLCARBAMATE/analogs
(PA) MUTAGENS
(NO) structure given in first source

N-nitrosoreductase see aldehyde oxidase

N-nitrososarcosine
(RN) 13256-22-9
(HM) *NITROSAMINES

N-nitrososarcosine ethyl ester
(RN) 13344-50-8
(HM) *NITROSAMINES
(PA) CARCINOGENS

N-nitrosotaurocholic acid
(RN) 82660-96-6
(RR) 76757-84-1 (mono-Na salt)
(HM) *NITROSAMINES
(PA) MUTAGENS
(NO) RN given refers to (3 alpha,5 beta,7 alpha,12 alpha)-isomer; cpd without isomeric designation not in Chemline 7/7/83

nitroso-tert-butane see tert-nitrosobutane

N-nitroso-1,2,3,6-tetrahydropyridine
(RN) 55556-92-8
(SY) NTHP
(HM) *NITROSAMINES
(PA) CARCINOGENS

N-nitrosothiazolidine
(RN) 73870-33-4
(HM) *NITROSO COMPOUNDS
(HM) *THIAZOLES
(PA) CARCINOGENS
(NO) structure given in first source

N-nitrosothiazolidine-4-carboxylic acid
(RN) 88381-44-6
(SY) NTCA
(HM) *THIAZOLES
(HM) *NITROSO COMPOUNDS
(NO) found in human urine

S-nitrosothiol see S-nitrosomercaptoethanol

N-nitrosothioproline
(RN) 86594-16-3
(SY) N-nitroso-L-thioproline
(HM) *NITROSO COMPOUNDS
(HM) *THIAZOLES
(NO) found in normal human urine

N-nitroso-L-thioproline see N-nitrosothioproline

o-nitrosotoluene see 2-nitrosotoluene

2-nitrosotoluene
(RN) 611-23-4
(SY) o-nitrosotoluene
(SY) ortho-nitrosotoluene
(HM) *NITROSO COMPOUNDS

N-nitroso-(2,2,2-trifluoroethyl) ethylamine
(RN) 82018-90-4
(SY) F-3-NDEA
(HM) *NITROSO COMPOUNDS
(PA) CARCINOGENS
(NO) structure given in first source

4-nitrostyrene oxide
(RN) 6388-74-5
(SY) para-nitrostyrene oxide
(SY) p-nitrostyrene 7,8-oxide
(HM) *EPOXY COMPOUNDS
(NO) chemical alkylating agent ; structure given in first source

p-nitrostyrene 7,8-oxide see 4-nitrostyrene oxide

nitrostyrol see beta-nitrostyrene

nitrosylferroheme see nitrosylprotoheme

nitrosylheme see nitrosylprotoheme

nitrosyl hemoglobin
(SY) nitrosylhemoglobin
(HM) *HEMOGLOBINS
(NO) NO group replaces CO in hemoglobin A

nitrosylhemoglobin see nitrosyl hemoglobin

nitrosylmyoglobin see myoglobin nitroxide

nitrosyl nitrite reductase see Pseudomonas cytochrome oxidase

nitrosylprotohaem see nitrosylprotoheme

nitrosylprotoheme
(RN) 54854-55-6
(SY) nitrosylprotohaem
(SY) nitrosoheme
(SY) nitrosylheme
(SY) nitrosylferroheme
(HM) HEME/*analogs
(NO) from reaction of nitrite & heme; structure in first source

nitrosyl(protoporphyrin IX dimethyl ester)iron II
(RN) 74936-44-0
(SY) Fe(PPIXDME)(NO)
(HM) *PROTOPORPHYRINS

7-nitro-2-(1,1,2,2-tetrafluoroethyl)-5-(trifluoromethyl)benzimidazole see EL 91[9]

2-nitro-5-thiobenzoic acid see thionitrobenzoic acid

2-nitro-5-thiocarbamylbenzoic acid
(SY) 2-nitro-5-carbamylthiobenzoic acid
(SY) 2-NTCBA
(HM) *NITROBENZOATES

2-nitro-5-thiocyanobenzoic acid
(RN) 30211-77-9
(HM) *THIOCYANATES
(II) INDICATORS AND REAGENTS
(II) SULFHYDRYL REAGENTS

5-nitro-2-thiophenecarboxylic acid-(3-(5-nitro-2-furanyl)-2-propenylidene)hydrazide see nifurzide

4-nitrothiophenolate
(RN) 1849-36-1
(RR) 13113-79-6 (Na salt)
(SY) para-nitrothiophenol
(SY) 4-nitrobenzenethiol
(HM) *SULFHYDRYL COMPOUNDS
(NO) RN given refers to parent cpd

2-nitro-5-thiosulfobenzoate sodium see 2-nitro-5-thiosulfobenzoic acid

2-nitro-5-thiosulfobenzoic acid
(SY) 2-nitro-5-thiosulfobenzoate sodium
(SY) NTSB
(HM) *NITROBENZOATES
(NO) structure given in first source

nitro-thrombin
(SY) nitro-alpha-thrombin
(HM) THROMBIN/*analogs

m-nitrotoluene see 3-nitrotoluene

o-nitrotoluene see 2-nitrotoluene

p-nitrotoluene see 4-nitrotoluene

2-nitrotoluene
(RN) 88-72-2
(SY) o-nitrotoluene
(SY) 1-methyl-2-nitrobenzene
(SY) ortho-nitrotoluene
(HM) TOLUENE/*analogs

3-nitrotoluene
(RN) 99-08-1
(SY) 1-methyl-3-nitrobenzene
(SY) m-nitrotoluene
(SY) meta-nitrotoluene
(HM) TOLUENE/*analogs

4-nitrotoluene
(RN) 99-99-0
(RR) 1321-12-6 ((ar-nitro)-isomer)
(RR) 21946-13-4 (hydride)
(RR) 34509-96-1 (ion(1-))
(RR) 38620-64-3 (ion(1-).hydrogen)
(SY) p-nitrotoluene
(HM) TOLUENE/*analogs
(NO) RN given refers to parent cpd; structure in Merck Index, 9th ed, #6470

2-nitrotyrosine methyl ester
(RN) 3195-65-1
(HM) TYROSINE/*analogs
(NO) structure in first source

3-nitrotyrosine
(RN) 3604-79-3
(RR) 621-44-3 ((L)-isomer)
(RR) 953-04-8 ((DL)-isomer)
(SY) 3-mononitrotyrosine
(SY) 3-nitro-L-tyrosine
(HM) TYROSINE/*analogs
(NO) RN given refers to parent cpd without isomeric designation

3-nitro-L-tyrosine see 3-nitrotyrosine

nitrous oxide reductase
(RN) EC 1.7.99.-
(HM) *OXIDOREDUCTASES

nitrox see GHM 10

nitroxazepine see sintamil

nitroxoline
(RN) 4008-48-4
(RR) 81117-08-0 (mono-F)
(RR) 75640-18-5 (K salt)
(SY) 5-nitroquinolin-8-ol
(SY) 5-NOK
(SY) 5-nitrox
(SY) 5-nitro-8-hydroxyquinoline
(HM) *NITROQUINOLINES
(PA) ANTI-INFECTIVE AGENTS, URINARY
(PA) ANTIFUNGAL AGENTS
(NO) structure in Merck Index, 9th ed, #6475; RN given refers to parent cpd

nitroxyl
(RN) 14332-28-6
(HM) *NITROGEN OXIDES
(II) FREE RADICALS
(NO) hydroxamic acid oxidized to nitroxyl free radical

16-nitroxystearate see 16-nitroxystearic acid

5-nitroxystearate see 5-doxylstearic acid

16-nitroxystearic acid
(RN) 53034-38-1
(SY) 16-nitroxystearate
(SY) 16-doxystearic acid
(SY) FASL(1,14)
(SY) 2-(14-carboxytetradecyl)-2-ethyl-4,4-dimethyl-3-oxazolindinyl oxide
(SY) 16-doxylstearic acid
(SY) 16-doxylstearate
(HM) *CYCLIC N-OXIDES
(II) SPIN LABELS
(NO) spin label probe; structure in first source

5-nitroxystearic acid see 5-doxylstearic acid

5-nitrox see nitroxoline

nivalenol
(RN) 23282-20-4
(HM) *TRICHOTHECENES
(II) MYCOTOXINS
(NO) RN given refers to 3alpha,4beta,7alpha-isomer; RN without isomeric designation not in Chemline 7/11/83

nivazol
(RN) 24358-76-7
(SY) WIN 27914
(SY) WIN-27914
(SY) 2'-(4-fluorophenyl)-2'-H-pregna-2,4-dien-20-yno (3.2-c)pyrazol-17-ol
(HM) *PREGNADIENES
(II) GLUCOCORTICOIDS, SYNTHETIC
(NO) RN given refers to (17alpha)-isomer; RN for cpd without isomeric designation not in Chemline 7/84; structure given in first source

nivimedone
(RN) 49561-92-4
(RR) 57441-90-4 (Na salt)
(RR) 62077-09-2 (Na salt.monohydrate)
(SY) BRL 10833
(SY) 5,6-dimethyl-2-nitroindane-1,3-dione Na salt
(SY) nivimedone sodium
(HM) *INDANS
(II) ASTHMA/drug ther
(NO) inhibits mediator release & capillary permeability; RN given refers to parent cpd

nivimedone sodium see nivimedone

nizatidine
(RN) 76963-41-2
(HM) *THIAZOLES
(PA) HISTAMINE H2 RECEPTOR BLOCKADERS

nizofenone
(RN) 54533-85-6
(RR) 54533-86-7 (unspecified maleate)
(RR) 54533-86-7 (fumarate)
(SY) 1-(2-(2-chlorobenzoyl)-4-nitrophenyl)-2-(diethylaminomethyl)imidazole
(SY) Y-9179
(SY) Y-1979
(SY) midafenone
(HM) *IMIDAZOLES
(PA) ANTI-ARRHYTHMIA AGENTS
(NO) protects experimental mice & rats against cerebral anoxia; RN from USAN 1982; RN given refers to parent cpd

NI-02902 see essaven

NKCF see killer factor

NK 1841 (dye)
(RN) 64285-36-5
(SY) NK-1841
(SY) dye NK 1841
(HM) *CARBOCYANINES
(II) FLUORESCENT DYES
(NO) cyanine fluorescent dye used for iris angiography; no other information available 3/83

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19-NK-25 HVD3 see 19-nor-10-keto-25-hydroxyvitamin D3

NKK-105 see diisopropyl 1,3-dithiol-2-ylidenemalonate

NKK 105 see diisopropyl 1,3-dithiol-2-ylidenemalonate

19-NK-VD2 see 19-nor-10-ketovitamin D2

19-NK-VD3 see 19-nor-10-ketovitamin D3

NK 122 see NK-122

NK-122
(RN) 3794-97-6
(RR) 3417-71-8 (HCl)
(SY) beta-(2-indolyl)-alpha-(dimethyl)ethylamine.HCl
(SY) NK 122
(HM) *TRYPTAMINES
(PA) SEROTONIN/antag
(NO) Russian drug; RN given refers to parent cpd

NK-1841 see NK 1841 (dye)

NK 19 see platonin J

NK 2367
(RN) 71960-70-8
(SY) NK-2367
(HM) *OXAZOLONE/analogs
(II) DYES
(NO) merocyanine-oxazolone dye; membrane potential-sensitive

NK-2367 see NK 2367

NK-24 see butyl-platonin

NK-2495 see merocyanine-rhodanine

NK 2761
(RN) 79953-79-0
(SY) NK-2761
(HM) *RHODANINE/analogs
(II) DYES
(NO) merocyanine-rhodanine dye

NK-2761 see NK 2761

NK 631 see pepleomycin

NLAAM see noracymethadol

4-Nle-alpha-MSH see MSH, 4-Nle-alpha-

8-Nle-ceruletide see caerulein, Nle(8)-

Nle(8)-ceruletide(4-10) see caerulein(4-10), Nle(8)-

8-Nle-CER see caerulein, Nle(8)-

8-Nle-CER(4-10) see caerulein(4-10), Nle(8)-

NLe (B17)insulin see insulin, Nle (B17)-

13-nle-motilin see norleucine-13-motilin

NleNH(2)(11)-SP see substance P, NleNH(2)(11)-

(Nle-8, Nle-18, Tyr-34) bPTH-(3-34) amide see bovine parathyroid hormone (3-34) amide, 8,18-Nle-34- Tyr-

4-Nle-7-Phe-alpha-MSH see MSH, 4-Nle-7-Phe-alpha-

(Nle(11))-SP see substance P, NleNH(2)(11)-

8,18-Nle-34-Tyr-bovine parathyroid hormone (1-34) amide see bovine parathyroid hormone (1-34) amide, 8,18-Nle-34-Tyr-

8,18-Nle-34-Tyr-bovine parathyroid hormone (3-34) amide see bovine parathyroid hormone (3-34) amide, 8,18-Nle-34-Tyr-

8,18-Nle-34-Tyr-bPTH (1-34) amide see bovine parathyroid hormone (1-34) amide, 8,18-Nle-34- Tyr-

8,18-Nle-34-Tyr-bPTH (3-34) amide see bovine parathyroid hormone (3-34) amide, 8,18-Nle-34- Tyr-

Nle(21)-I(125)-Tyr(32)-CRF see CRH, Nle(21)-iodo-Tyr(32)-

N2LL poly(amido-amine)
(SY) N2LL
(HM) *POLYAMINES
(NO) structure given in first source

N2LL see N2LL poly(amido-amine)

N4-long acyl-ara-C amidohydrolase see N4-long-chain fatty acyl-arabinofuranosylcytosine amidohydrolase

N4-long-chain fatty acyl-arabinofuranosylcytosine amidohydrolase
(RN) EC 3.5.1.-
(SY) N4-long acyl-ara-C amidohydrolase
(HM) *AMIDOHYDROLASES

NLTC see paragloboside

NMBZA debenzylase see N-nitrosomethylbenzylamine debenzylase

NMCPBA see N-(1-methyl)cyclopropylbenzylamine

2-NMDI see 2-nitroso-6-methyldipyrido(1,2-a-3',2'-d)imidazole

NMDNJ see N-methyldeoxynojirimycin

NMEPP-morphiceptin see morphiceptin, N-MePhe(3)-D-Pro-

N2 methylguanine methylase see tRNA (guanine-2-)-methyltransferase

N2-methylguanine transferase see tRNA (guanine-2-)-methyltransferase

N1-methylnicotinamide oxidase II
(RN) EC 1.2.3.-
(SY) NMN oxidase II
(HM) *ALDEHYDE OXIDOREDUCTASES
(NO) enzyme from rat liver acting only on N1-methylnicotinamide

N1-methylnicotinamide oxidase I see aldehyde oxidase

NMNA see N-nitroso-N-methyl-4-nitroaniline

NMNase see NMN nucleosidase

NMN glycohydrolase see NMN nucleosidase

NMN nucleosidase
(RN) EC 3.2.2.14
(SY) NMN glycohydrolase
(SY) NMNase
(HM) *NUCLEOSIDASES

NMNO see nitrogen mustard N-oxide

NMN oxidase II see N1-methylnicotinamide oxidase II

NMODA see methyloctadecylnitrosamine

2-NMPEO see 2-(4-(2-nitro-1-(4-methoxyphenyl)-2-phenylvinyl) phenoxy)-N-ethylpyrrolidin-2-one

NMTCA see N-nitroso-2-methylthiazolidine-4-carboxylic acid

NMU-25 see neuromedin U 25

NMU-8 see neuromedin U 8

NM-113 see iomethin

NNAEA see N-nitroso-N-allyl-N-ethanolamine

NNAL see 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanol

NNDAZ see N(4),N(4)-dimethyl-5-azacytidine

NNDD see N,N-dimethyl-1-dodecanamine

2-(NN-dimethyl)amino-6,7-dihydroxy-1,2,3,4-tetrahydronaphthalene see TL-99

NNMAB see 4-(N-nitroso-N-methylamino)butyric acid

NNMAP see 3-(N-nitroso-N-methylamino)propionic acid

NNMB see 1-(N-methyl-N-nitrosamino)methyl butyrate

NNMBZ see 1-(N-methyl-N-nitrosamino)methyl benzoate

NNMHM see N-nitroso-N-methyl-N-hydroxymethylamine

NNM-2-HP see N-nitrosomethyl-2-hydroxypropylamine

NNM-2-OP see N-nitrosomethyl-2-oxopropylamine

NNMOZ see N-nitroso-5-methyl-1,3-oxazolidine

NNMP see 1-(N-methyl-N-nitrosamino)methyl pivaloate

NN-3-MP see 1-nitroso-3-methyl-4-piperidone

NNN-1-N-oxide see N'-nitrosonornicotine-N-oxide

NNPMG see 3-nitro-1-nitroso-1-(p-pyridylmethyl)guanidine

NN-3-P see N-nitroso-3-hydroxypiperidine

NN-4-P see 1-nitroso-4-piperidone

nocarcidins see nocardicin

nocardicin
(RN) 76631-42-0
(RR) 39391-39-4 (nocardicin A)
(RR) 60134-71-6 (nocardicin B)
(RR) 61425-19-2 (nocardicin A.Na salt)
(SY) nocardicin A
(SY) nocarcidins
(HM) *ANTIBIOTICS, LACTAM
(NO) RN given refers to cpd with unknown MF

nocardicin A see nocardicin

Nocertone see oxetorone

nocobactin NA see nocobactins

nocobactins
(RN) 53571-21-4
(SY) nocobactin NA
(HM) *OXAZOLES
(II) IRON CHELATES
(II) NOCARDIA ASTEROIDES
(NO) lipid-soluble iron-chelating product isolated from Nocardia asteroides grown under conditions of iron deficiency; RN given refers to nocobactin NA; structure

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nocodazole
(RN) 31430-18-9
(RR) 61167-18-8 (mononitrate)
(RR) 61167-17-7 (mono-HCl)
(SY) R 17934
(SY) NSC 238159
(SY) oncodazole
(SY) R17934
(SY) methyl(5-(2-thienylcarbonyl)-1H-benzimidazol-2-yl)carbamate
(HM) *BENZIMIDAZOLES
(PA) ANTINEOPLASTIC AGENTS
(PA) ANTIFUNGAL AGENTS
(PA) ANTITUBERCULAR AGENTS
(PA) ANTHELMINTICS
(NO) also inhibits insulin secretion; structure; RN given refers to parent cpd

nodulin
(HM) *PLANT PROTEINS
(II) SOYBEANS

Nogenol
(SY) Nogenol
(HM) *RESINS
(HM) *FATTY ACIDS
(HM) *SALICYLIC ACIDS
(HM) *THYMOL
(HM) *ZINC OXIDE
(HM) DRUG COMBINATIONS
(II) ROOT CANAL FILLING MATERIALS
(NO) contains as base rosin 72%, higher fatty acid 22%, salicylic acid, thymol & accelerator consisting of zinc oxide 78%, peanut oil 16%, magnesium oxide 6%

Nogenol see Nogenol

N4-OHdCMP see N-4-hydroxy-2'-deoxycytidylic acid

nojirimycin
(RN) 15218-38-9
(RR) 62770-70-1 (sulfate[2:1])
(RR) 26360-82-7 (sulfite[1:1])
(RR) 19130-94-0 ((alpha)-isomer)
(SY) 5-amino-D-glucose
(HM) *GLUCOSAMINE
(PA) ANTIBIOTICS
(PA) SUCRASE/antag
(NO) from Streptomyces ficellus; RN given refers to parent cpd without isomeric designation

5-NOK see nitroxoline

nolinium bromide
(RN) 40759-33-9
(SY) 2-(3,4-dichlorophenylaminoanilino)quinolizinium bromide
(HM) *QUINOLIZINES
(HM) ANILINE COMPOUNDS
(PA) ANTISPASMODICS
(PA) GASTROINTESTINAL AGENTS
(NO) structure

nolotil (combination)
(RN) 8059-83-4
(SY) buscopan compositum
(HM) *DIPYRONE
(HM) *BUTYLSCOPOLAMMONIUM BROMIDE
(HM) DRUG COMBINATIONS
(PA) PARASYMPATHOLYTICS
(NO) contains scopolamine N-butylbromide, novamin sulfone

nonabine see BRL-4664

nonachlor
(RN) 3734-49-4
(RR) 39765-80-5 ((trans)-isomer)
(RR) 5103-73-1 ((cis)-isomer)
(SY) 1,2,3,4,5,6,7,8,8-nonachloro-3a,4,7,7a-tetrahydro-4,7-methanoindan
(HM) *HYDROCARBONS, CHLORINATED
(PA) INSECTICIDES, ORGANOCHLORINE
(NO) component of technical chlordan & heptachlor; RN given refers to cpd without isomeric designation

nonachloro-2-phenoxyphenol see nonachloropredioxin

nonachloropredioxin
(RN) 35245-80-8
(RR) 84170-15-0 (cpd with unspecified locants)
(SY) nonachloro-2-phenoxyphenol
(SY) 2,3,4,5-tetrachloro-6-(pentachlorophenoxy)phenol
(HM) *PHENYL ETHERS
(NO) RN given refers to parent cpd

1,2,3,4,5,6,7,8,8-nonachloro-3a,4,7,7a- tetrahydro-4,7-methanoindan see nonachlor

nonaethyleneglycol monododecyl ether see polidocanol

nonane
(RN) 111-84-2
(SY) n-nonane
(HM) *ALKANES

n-nonane see nonane

nonanedioic acid see azelaic acid

nonanoic acid see pelargonic acid

2-nonanone
(RN) 821-55-6
(RR) 30642-09-2 (cpd with unspecified oxo-group locant)
(HM) *KETONES
(NO) RN given refers to cpd with locant for oxo moiety in position 2

5-nonanone
(RN) 502-56-7
(HM) *KETONES

nonanoyl-N-methylglucamide
(SY) MEGA-9
(HM) GLUCOSAMINE/*analogs
(HM) *FATTY ACIDS
(II) DETERGENTS
(NO) nonionic detergent used to solubilize membrane proteins of E. coli & reconstitute them into liposomes

nonanoyl vanillylamide see nonivamide

S-NONAP see S-nitroso-N-acetylpenicillamine

nonapeptide converting-enzyme inhibitor see angiotensin II converting enzyme inhibitor

non-carboxylated factor II see acarboxyprothrombin

6-nonenal
(RN) 2277-20-5
(RR) 2277-19-2 ((Z)-isomer)
(SY) 6-trans-nonenal
(HM) *ALDEHYDES
(II) GOATS
(NO) major contributor to male goat odor; RN given refers to (E)-isomer; RN for cpd without isomeric designation not in Chemline 7/84

6-trans-nonenal see 6-nonenal

non-erythroid spectrin-like protein see spectrin-like protein, subcellular organelle

non-heme iron proteins
(SY) iron proteins, non-heme
(HM) *METALLOPROTEINS
(II) BACTERIAL PROTEINS
(NO) lacking labile sulfide

non-histone protein BA
(SY) protein BA, non-histone
(HM) *CHROMOSOMAL PROTEINS, NON-HISTONE
(II) DNA-BINDING PROTEINS
(NO) purified from chromatin in rat liver nuclei; binds DNA

Nonidet P-40
(RN) 9036-19-5
(RR) 68310-57-6 (K salt)
(SY) Non-Idet P-40
(SY) NP-40
(SY) Triton X-114
(SY) ORF 3617
(HM) *POLYETHYLENE GLYCOLS
(PA) SPERMATOCIDAL AGENTS
(II) DETERGENTS
(NO) non-ionic detergent; RN given refers to parent cpd

Non-Idet P-40 see Nonidet P-40

nonipols see nonoxynols

nonivamide
(RN) 618-92-8
(SY) nonanoyl vanillylamide
(HM) *VANILLIC ACID/analogs
(NO) has effect on sensory neurons

non-A, non-B hepatitis antigen see hepatitis non-A, non-B antigen

Non-Ovlon
(RN) 57637-90-8
(HM) *CHLORMADINONE
(HM) *NORETHINDRONE
(HM) CONTRACEPTIVES, ORAL, COMBINED
(PA) HEMOSTATICS
(NO) inhibits ovulation; contains above two cpds

nonoxinols see nonoxynols

nonoxynols
(RN) 9016-45-9
(RR) 26027-38-3 (cpd with locant for nonyl group in position 4)
(SY) nonoxinols
(SY) nonipols
(SY) nonylphenoxypolyethoxy ethanol
(SY) poly(ethyleneglycol) p-nonylphenylethanol
(SY) igepal CO
(SY) Triton N
(SY) Triton N-57
(SY) Triton N-101
(SY) triisopropylphenoxypolyethoxyethanol
(SY) emulgen 911
(SY) polyoxyethylenenonylphenyl ether
(SY) nonoxynol-9
(SY) Tergitol NPX
(SY) emulgin 913
(SY) lubrol N13
(SY) tergitol NP-10
(HM) *POLYETHYLENE GLYCOLS
(II) DETERGENTS
(II) CONTRACEPTIVE AGENTS
(II) SPERMICIDAL AGENTS
(NO) surfactants, surface antiseptics, dispersing, wetting & solubilizing agents; Nonoxynol 9 (there are 4,9,15 & 30) is also spermicide in contraceptives; RN given is for unspecified isomer

nonoxynol-9 see nonoxynols

non-peptide morphine like compound see morphine-like compounds (non-peptide)

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non-peptide morphine-like compounds see morphine-like compounds (non-peptide)

non-polyadenylated mRNA
(SY) poly(A)(-)-mRNA
(SY) poly(adenylate)-deficient mRNA
(HM) *RNA, MESSENGER

non-polyadenylated oligo(U)-containing RNA see non-polyadenylated RNA

non-polyadenylated RNA
(SY) poly(A)(-)(U)(+)-RNA
(SY) poly(A)-oligo(U)+-RNA
(SY) non-polyadenylated oligo(U)-containing RNA
(HM) *RNA, NEOPLASM
(NO) cytoplasmic non-polyadenylated RNA with affinity for poly(A) from friend murine leukemia cells

non-specific carboxylesterase see carboxylesterase

nonspecific crossreacting antigen see CEX

non-specific cross-reacting antigen see CEX

non-specific esterase see carboxylesterase

nonspecific phospholipid transfer proteins see phospholipid exchange proteins

Non-Tai-Yak
(HM) *PLANT EXTRACTS
(PA) INSECTICIDES, BOTANICAL
(PA) ANALGESICS
(II) PLANTS, MEDICINAL
(NO) from Stemona curtisii

10-N-nonylacridinium orange chloride see 10-N-nonylacridinium orange

10-N-nonylacridinium orange
(SY) NAO
(SY) 10-N-nonylacridinium orange chloride
(HM) *AMINOACRIDINES
(II) FLUORESCENT DYES
(NO) stains mitochondria of living HeLa-cells

nonyl-4-hydroxyquinoline-N-oxide
(RN) 316-66-5
(HM) *HYDROXYQUINOLINES

nonylphenol
(RN) 25154-52-3
(RR) 54181-64-5 (Na salt)
(RR) 31291-42-6 (Sr salt)
(RR) 28987-17-9 (Ba salt)
(RR) 27936-43-2 (K salt)
(HM) *PHENOLS
(NO) RN given refers to parent cpd

nonylphenol ethoxylate see terics

4-nonylphenol
(RN) 104-40-5
(SY) para-nonylphenol
(HM) *PHENOLS
(NO) structure in first source; see also record for nonylphenol

nonylphenoxypolyethoxy ethanol see nonoxynols

N-nonylsuccinimide
(HM) *SUCCINIMIDES

Nootkatol
(RN) 53643-07-5
(RR) 50763-67-2 ((2S-(2alpha,4alpha,4aalpha,6beta))-isomer)
(HM) *SESQUITERPENES
(PA) CALCIUM CHANNEL BLOCKERS
(NO) isolated from Alpinia oxyphylla Miquel; RN given refers to cpd without isomeric designation; Nootkatol is synonym for cpd with isomeric designation; structure given in first source

nopaline
(RN) 22350-70-5
(SY) isonopaline
(HM) ARGININE/*analogs
(NO) utilized by virulent strains of Agrobacterium; metabolites of crown-gall tumors; isonopaline refers to (R-isomer) of nopaline; structure

nopaline dehydrogenase
(RN) EC 1.5.1.-
(HM) *AMINE OXIDOREDUCTASES

nopaline permease
(HM) *PERMEASES

nopaline synthase
(RN) EC 1.5.1.-
(HM) *AMINO ACID OXIDOREDUCTASES
(NO) forms N(2)-(1,3-dicarboxypropyl)arginine from NADPH, alpha-ketoglutarate & arginine; classified by analog with reverse reaction for EC 1.5.1.11

NO-PEP see poly(1,2-ethylenepiperidine) N-oxide

NOPPA see 2-oxopropyl-n-propylnitrosamine

NO-Pro-Ala see N-nitroso-prolylalanine

NO-Pro-Gly see N-nitroso-prolylglycine

NO-Pro-Hyp see N-nitroso-prolyl-4-hydroxyproline

NOPYE see 4-nitro-1-cyclohexyl-3-ethoxy-2-oxo-3-pyrroline

noracetylmethadol see noracymethadol

noracryl 100
(RN) 63346-34-9
(SY) noracryl-100
(HM) *METHYLMETHACRYLATES
(II) ROOT CANAL FILLING MATERIALS
(II) DENTAL RESTORATION, PERMANENT
(NO) composite of methylmethacrylate & stabilizers

noracryl-100 see noracryl 100

noracyclin see Noracycline

Noracycline
(RN) 8015-14-3
(SY) Lyndiol
(SY) ovanon
(SY) noracyclin
(HM) *LYNESTRENOL
(HM) *MESTRANOL
(HM) CONTRACEPTIVES, ORAL, COMBINED
(NO) contains lynestrenol & mestranol

noracymethadol
(RN) 1477-39-0
(RR) 60966-53-2 ((R-(R*,R*))-isomer)
(RR) 55123-61-0 ((R*,R*)-(+-)-isomer)
(RR) 43033-71-2 ((S-(R*,R*))-(-)-isomer)
(RR) 5633-25-0 (HCl)
(RR) 55123-64-3 (HCl(R*,R*)-(+-)-isomer)
(RR) 55096-75-8 (HCl(S-(R*,R*))-isomer)
(SY) l alpha-acetylnormethadol
(SY) 6-(methylamino))-4,4-diphenyl-3-heptanol acetate
(SY) nor-LAAM
(SY) NLAAM
(SY) noracetylmethadol
(SY) l-alpha-noracetylmethadol
(SY) N-desmethyl-1-alpha-acetylmethadol
(HM) METHADYL ACETATE/*analogs
(PA) ANALGESICS
(NO) nor-LAAM refers to (S-(R*,R*))-(-)-isomer; RN given refers to cpd without isomeric designation

noradrenaline receptors see norepinephrine receptor

noradrenaline sulfate
(SY) noradrenaline sulfoconjugate
(SY) norepinephrine sulfate
(SY) norepinephrine-O-sulfate
(HM) NOREPINEPHRINE/*analogs

noradrenaline sulfoconjugate see noradrenaline sulfate

noramidopyrine
(RN) 519-98-2
(RR) 51502-35-3 (14C-labeled cpd)
(RR) 35886-51-2 (mesylate.Na salt)
(SY) methylaminoantipyrine
(SY) noraminopyrine
(HM) DIPYRONE/*analogs
(NO) RN given refers to parent cpd; structure

noraminopyrine see noramidopyrine

norandrolone phenylpropionate see nandrolone phenpropionate

19-nor-4-androstene-17 beta-ol-3-one 17-decanoate see nandrolone decanoate

19-norandrosterone
(RN) 65556-19-6
(RR) 76156-26-8 ((3beta)-isomer)
(RR) 64044-10-6 ((3beta,5beta)-isomer)
(RR) 33036-33-8 ((3alpha,5beta)-isomer)
(RR) 22834-69-1 ((3beta,5alpha,8alpha,9beta,10alpha,13alpha,14beta)-isomer)
(RR) 10002-93-4 ((3beta,5alpha)-isomer)
(RR) 1225-01-0 ((3alpha,5alpha)-isomer)
(SY) 19-noreoiandrosterone
(SY) 19-noretiocholanolone
(HM) *ESTRANES
(NO) major metabolite of 19-nortestosterone; RN given refers to cpd without isomeric designation

5'-nor-anhydrovinblastine see navelbine

noranti pyrine see phenylmethylpyrazolone

noratropine
(RN) 16839-98-8
(RR) 537-29-1 ((3(S)-endo)-isomer)
(RR) 61435-49-2 (ethanedioate[2:1] salt endo-(+-)-isomer)
(SY) norhyoscyamine
(HM) *ATROPINE DERIVATIVES
(NO) RN given refers to endo-(+-)-isomer; cpd without isomeric designation not in Chemline 8/3/83

27-nor-5 beta-cholestane-3 alpha, 7 alpha, 12 alpha, 24 alpha, 24 xi, 25 xi, 26-hexol see 27-nor-5-cholestane-3,7,12,24,25,26-hexol

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27-nor-5 beta-cholestane-3 alpha,7 alpha,12 alpha,24, 25-pentol see
27-nor-5beta-cholestane-3alpha,7alpha,12alpha,24xi, 25xi-pentol

27-nor-5beta-cholestane-3alpha,7alpha, 12alpha,24xi,25xi-pentol

(RN) 78648-95-0
(SY) 27-NC-3,7,12,24,25-PO
(SY) 27-nor-5 beta-cholestane-3 alpha,7 alpha,12 alpha,24,25-pentol
(SY) 26(or 27)-norcholestane-3,7,12,24,25-pentol
(HM) *CHOLESTANOLS
(NO) bile alcohol found in urine

norbiogest

(RN) 51367-42-1
(HM) NORETHINDRONE/*analogs
(HM) *MESTRANOL
(PA) CONTRACEPTIVES, ORAL, COMBINED
(NO) combination of norethisterone acetate & mestranol

norborn-5-ene-2,3-cis-exo-dicarboximide see noreximide

2-norbornene

(RN) 498-66-8
(HM) *NORBORNANES

norbuprenorphine

(RN) 78715-23-8
(SY) des(cyclopropylmethyl)buprenorphine
(HM) *BUPRENORPHINE/analogs
(NO) metabolite of buprenorphine found in urine & feces; RN given refers to (5alpha,7alpha)-isomer; RN for cpd without isomeric designation not in Chemline 1/85; structure given in first source

norbutorphanol

(RN) 3792-68-5
(HM) *BUTORPHANOL/analogs
(NO) butorphanol metabolite

11-nor-9-carboxy-THC see
11-nor-delta(9)-tetrahydrocannabinol-9-carboxylic acid

2'-nor-cGMP see
9-((2-hydroxy-1,3,2-dioxaphosphorinan-5-yl)oxymethyl) guanine P-oxide

norchlorpromazine

(RN) 1225-64-5
(RR) 38878-78-3 (ion(1+))
(RR) 3953-65-9 (HCl)
(RR) 71931-88-9 (ion(1+).perchlorate)
(RR) 35245-78-4 (monomaleate)
(RR) 1246-42-0 (unspecified maleate)
(SY) N-desmethylchlorpromazine
(HM) CHLORPROMAZINE/*analogs
(PA) PHENOTHIAZINE TRANQUILIZERS
(NO) active metabolite of chlorpromazine; RN given refers to parent cpd

norchlorpromazine-calmodulin complex

(SY) CAPP-calmodulin
(HM) CHLORPROMAZINE/*analogs
(HM) CALMODULIN/*analogs
(PA) CALMODULIN/antag
(NO) covalent adduct of norchlorpromazine & calmodulin; potent competitive inhibitor of calmodulin actions

norchlorpromazine isothiocyanate

(RN) 87508-98-3
(RR) 87509-00-0 (3H-labeled cpd)
(HM) CHLORPROMAZINE/*analogs
(NO) RN & structure from first source; RN given refers to u-labeled parent cpd

norcholate see norcholic acid

27-nor-5-cholestane-3,7,12,24,25,26-hexol

(SY) 27-N-5-CH
(SY) 27-nor-5 beta-cholestane-3 alpha, 7 alpha, 12 alpha, 24 alpha, 24 xi, 25 xi, 26-hexol
(HM) *CHOLESTANOLS

19-norcholest-4-en-3-one

(RN) 3404-22-6
(HM) *CHOLESTENONES

norcholic acid

(RN) 60696-62-0
(SY) norcholate
(HM) *CHOLIC ACIDS
(NO) found in urine of patients with liver cirrhosis

norclobazam see N-desmethylclobazam

norcocaine

(RN) 18717-72-1
(RR) 61585-22-6 (HCl)
(RR) 17366-45-9 ((1R-(2-endo,3-exo))-isomer)
(RR) 83247-94-3 (acetate(1R-(exo,exo))-isomer)
(HM) COCAINE/*analogs
(NO) N-demethylated cocaine; RN given refers to (1R-(exo,exo))-isomer; cpd without isomeric designation not in Chemline 7/11/83

norcocaine nitroxide

(RN) 81652-42-8
(HM) COCAINE/*analogs
(II) TOXINS
(NO) potential hepatotoxic metabolite of cocaine

norcodeine

(RN) 467-15-2
(RR) 14648-14-7 (HCl)
(SY) N-desmethylcodeine
(HM) CODEINE/*analogs
(NO) RN given refers to (5 alpha,6 alpha)-isomer; cpd without isomeric designation not in Chemline 7/11/83

19-norcorticosterone

(RN) 4889-84-3
(HM) CORTICOSTERONE/*analogs

norcuron see ORG NC 45

norcyclazocine see normetazocine

11-nor-delta(9)-tetrahydrocannabinol-9-carboxylic acid

(RN) 64280-14-4
(RR) 56354-06-4 ((6aR-trans)-isomer)
(SY) 11-nor-9-carboxy-THC
(HM) TETRAHYDROCANNABINOL/*analogs
(NO) RN given refers to cpd without isomeric designation

19-nordeoxycorticosterone glucosiduronate

(SY) 19-nor-DOC-GU
(HM) DESOXYCORTICOSTERONE/*analogs

19-nordeoxycorticosterone

(RN) 4682-70-6
(HM) DESOXYCORTICOSTERONE/*analogs
(NO) isolated from urine of castrated rats with regenerating adrenals

2'-nor-2'-deoxyguanosine see BIOLF 62

Nordette see stediril

nordextropropoxyphene see norpropoxyphene

nordihydroguaiaretic acid

(RN) 500-38-9
(RR) 27686-84-6 ((R*,S*)-isomer)
(SY) 4,4'-(2,3-dimethyltetramethylene)dipyrocatechol
(SY) NDGA
(HM) *CATECHOLS
(II) ANTIOXIDANTS
(NO) RN given refers to cpd without isomeric designation; structure

nordimaprit

(RN) 17124-82-2
(RR) 16111-27-6 (di-HCl)
(HM) APT/*analogs
(II) LYMPHOCYTE ACTIVATION/drug eff
(NO) effective agonist in the inhibition of lymphocyte activation

19-nor-DOC-GU see 19-nordeoxycorticosterone glucosiduronate

nordoxepin see desmethyldoxepin

26-nor-25-doxylcholestanol

(SY) 26-DCO
(HM) *CYCLIC N-OXIDES
(II) SPIN LABELS

noreleagnine see tryptoline

norendimide see noreximide

19-norepiandrosterone see 19-norandrosterone

norephendrinetheophylline

(RN) 14535-83-2
(RR) 3039-97-2 (mono-HCl(R-(R*,S*))-isomer)
(RR) 58166-83-9 (duplicate RN)
(SY) 7-(2-(1-methyl-2-hydroxy-2-phenylethylamino) ethyl)theophylline monohydrochloride
(SY) cafedrine
(HM) THEOPHYLLINE/*analogs
(HM) PHENYLPROPANOLAMINE/*analogs
(II) HYPOTENSION/drug ther
(NO) RN given refers to parent cpd without isomeric designation

norepinephrine receptor

(SY) receptor, norepinephrine
(SY) noradrenaline receptors
(SY) norepinephrine receptors
(HM) *RECEPTORS, ADRENERGIC
(II) NOREPINEPHRINE

norepinephrine receptors see norepinephrine receptor

norepinephrine sulfate see noradrenaline sulfate

norepinephrine-O-sulfate see noradrenaline sulfate

norethindrone acetate

(RN) 38673-38-0
(RR) 23944-78-7 ((17alpha)-(+-)-isomer)
(RR) 51-98-9 ((17alpha)-isomer)
(SY) norethisterone acetate
(SY) norlutate
(SY) progestogen
(HM) NORETHINDRONE/*analogs
(NO) used for long-term contraception; RN given refers to cpd without isomeric designation; structure in Negwer, 5th ed, #4935

norethindrone-4 beta,5 beta-epoxide

(RN) 51267-63-1
(RR) 51267-64-2 ((4alpha,5alpha)-isomer)
(RR) 51086-64-7 ((17alpha)-isomer)
(SY) norethisterone-4 beta,5 beta-epoxide
(SY) norethisterone 4 beta,5-oxide
(HM) NORETHINDRONE/*analogs
(NO) RN given refers to (4 beta,5 beta,17 alpha)-isomer; structure

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norethindrone enanthate
(RN) 3836-23-5
(SY) norethisterone oenanthate
(SY) norethisterone enanthate
(HM) NORETHINDRONE/*analogs
(II) CONTRACEPTIVES, ORAL, SYNTHETIC
(NO) structure in Negwer, 5th ed, #5612

norethindrone isonicotinyl hydrazone
(RN) 86762-75-6
(SY) NEINH
(HM) NORETHINDRONE/*analogs
(NO) structure given in first source

norethisterone acetate see norethindrone acetate

norethisterone-4 beta,5 beta-epoxide see norethindrone-4 beta,5 beta-epoxide

norethisterone 4 beta,5-oxide see norethindrone-4 beta,5 beta-epoxide

norethisterone enanthate see norethindrone enanthate

norethisterone oenanthate see norethindrone enanthate

19-noretiocholanolone see 19-norandrosterone

noreximide
(RN) 3647-74-3
(RR) 57079-21-7 (K salt)
(RR) 6319-06-8 ((3aalpha,4beta,7beta,7aalpha)-isomer)
(RR) 6265-30-1 ((3aalpha,4alpha,7alpha,7aalph)-isomer)
(SY) norborn-5-ene-2,3-cis-exo-dicarboximide
(SY) norendimide
(SY) K 2154
(SY) K-2154
(HM) *NORBORNANES
(NO) RN given refers to parent cpd without isomeric designation

norfenefrine
(RN) 536-21-0
(RR) 13026-50-1 ((+-)-isomer)
(RR) 5596-07-6 ((+)-isomer)
(RR) 1420-80-0 ((-)-isomer)
(RR) 15308-34-6 (HCl(+-)-isomer)
(RR) 4779-94-6 (HCl)
(RR) 636-87-3 (HCl(R)-isomer)
(RR) 3131-01-9 (sulfate)
(RR) 74514-93-5 (2H-labeled cpd)
(RR) 43090-68-2 (HCl(S)-isomer)
(RR) 21562-27-6 (citrate[1:1](R-(R*,R*))-isomer)
(RR) 61-95-0 (citrate[1:1](R)-(R-(R*,R*))-isomer)
(SY) novadral
(SY) alpha-(aminomethyl)-3-hydroxybenzyl alcohol
(SY) 3-octopamine
(SY) norphenylephrine
(SY) m-octopamine
(HM) *2-HYDROXYPHENETHYLAMINE/analogs
(NO) RN given refers to cpd without isomeric designation; structure

norfluoxetine
(RN) 56161-73-0
(RR) 57226-68-3 (HCl)
(RR) 83891-03-6 ((+-)-isomer)
(SY) desmethylfluoxetine
(HM) *FLUOXETIN/analogs
(NO) metabolite of fluoxetine; RN given refers to parent cpd without isomeric designation

norflurazone
(RN) 27314-13-2
(SY) SAN 9789
(SY) 4-chloro-5-(methylamino)-2-(alpha, alpha, alpha-trifluoro-m-tolyl)-3(2H)-pyridazinone
(HM) *PYRIDAZINES
(PA) HERBICIDES
(NO) structure

2-nor-2-formylpyridoxal-5'-phosphate
(RN) 42253-87-2
(SY) NFPLP
(HM) PYRIDOXAL PHOSPHATE/*analogs

norgamem see thiazolidine-4-carboxylic acid

norgesic forte
(HM) *ORPHENADRINE
(HM) *ASPIRIN
(HM) *CAFFEINE
(HM) DRUG COMBINATIONS
(PA) ANTI-INFLAMMATORY AGENTS
(NO) combination of above cpds

norgestimate
(RN) 35189-28-7
(SY) norgestrel oxime acetate
(HM) NORGESTREL/*analogs

norgestrel oxime acetate see norgestimate

norharman
(RN) 244-63-3
(RR) 7259-44-1 (HCl)
(SY) norhormane
(HM) *HARMINE/analogs
(NO) RN given refers to parent cpd

norhexobarbital
(RN) 718-67-2
(RR) 68254-24-0 (mono-Na salt)
(RR) 38241-41-7 (2-(14)C-labeled cpd)
(SY) 5-(1-cyclohexen-1-yl)-5-methyl-2,4,6(1H,3H,5H)-pyrimidinetrione
(HM) HEXOBARBITAL/*analogs
(NO) metabolite of N-methylcyclobarbital; RN given refers to parent cpd; structure given in first source

norhormane see norharman

19-nor-18-hydroxydeoxycorticosterone see 18-hydroxy-19-nordeoxycorticosterone

norhyoscyamine see noratropine

norinyl
(RN) 8015-29-0
(SY) ortho novum
(SY) Orthonovin
(HM) *MESTRANOL
(HM) *NORETHINDRONE
(HM) CONTRACEPTIVES, ORAL, COMBINED
(II) CONTRACEPTIVES, ORAL, SYNTHETIC

Noripurum see teferrol

norisen see allergen Dpt 12

norisoguaiacin
(RN) 50376-42-6
(HM) *NAPHTHOLS
(PA) ENZYME INHIBITORS
(NO) RN given refers to (5R-(5alpha,6beta,7beta)-isomer; RN for cpd without isomeric designation not in Chemline 9/84; structure given in first source

norketamine
(RN) 35211-10-0
(RR) 65329-10-4 ((+-)-isomer)
(SY) 2-amino-2-(o-chlorophenyl)cyclohexanone
(HM) KETAMINE/*analogs
(NO) metabolite of ketamine; RN given refers to cpd without isomeric designation

5(E)-19-nor-10-ketocholecalciferol see 19-nor-10-ketovitamin D3

5(E)-19-nor-10-ketoergocalciferol see 19-nor-10-ketovitamin D2

5(E)-19-nor-10-keto-25-hydroxycholecalciferol see 19-nor-10-keto-25-hydroxyvitamin D3

19-nor-10-keto-25-hydroxyvitamin D3
(RN) 85925-90-2
(SY) 5(E)-19-nor-10-keto-25-hydroxycholecalciferol
(SY) 19-NK-25 HVD3
(SY) 19-nor-10-oxo-25-hydroxyvitamin D3
(HM) CALCIFEDIOL/*analogs
(NO) metabolite of calcifediol; RN given refers to (5(E))-isomer; RN & structure from first source; RN not in Chemline 10/83

19-nor-10-ketovitamin D2
(RN) 85925-89-9
(SY) 5(E)-19-nor-10-ketoergocalciferol
(SY) 19-NK-VD2
(HM) ERGOCALCIFEROL/*analogs
(NO) metabolite of vitamin D2; RN given refers to (5(E))-isomer; RN & structure from first source; RN not in Chemline 10/83

19-nor-10-ketovitamin D3
(RN) 62743-72-0
(SY) 5(E)-19-nor-10-ketocholecalciferol
(SY) 19-NK-VD3
(HM) *CHOLECALCIFEROLS
(NO) metabolite of vitamin D3; RN given refers to (5(E))-isomer; RN & structure from first source; RN not in Chemline 10/83

nor-LAAM see noracymethadol

norlestrin
(RN) 8015-12-1
(HM) *ETHINYL ESTRADIOL
(HM) NORETHINDRONE/*analogs
(II) CONTRACEPTIVES, ORAL, COMBINED
(NO) combination of ethinyl estradiol & norethindrone acetate

norletimol see saddamine

11-norleucinamide-substance P see substance P, NleNH(2)(11)-

(4-norleucine)alpha-melanotropin see MSH, 4-Nle-alpha-

4-norleucine-alpha-MSH see MSH, 4-Nle-alpha-

(4-norleucine)alpha-MSH see MSH, 4-Nle-alpha-

8-norleucine caeruletide see caerulein, Nle(8)-

8-norleucine-caeruletide(4-10) see caerulein(4-10), Nle(8)-

norleucine (B17)insulin see insulin, Nle (B17)-

21-norleucine-iodo-32-tyrosine-corticotropin releasing hormone see CRH, Nle(21)-iodo-Tyr(32)-

norleucine-13-motilin
(RN) 55524-56-6
(SY) 13-norleucine-motilin
(SY) 13-nle-motilin
(HM) MOTILIN/*analogs
(II) HORMONES, SYNTHETIC
(NO) linear analog of motilin; increase gastric motility & pepsin output; synthetic

13-norleucine-motilin see norleucine-13-motilin

4-norleucine-7-D-phenylalanine-alpha-melanocyte-stimulating hormone see MSH, 4-Nle-7-Phe-alpha-

4-norleucyl-7-phenylalanine-alpha-MSH see MSH, 4-Nle-7-Phe-alpha-

8,18-norleucyl-34-tyrosine bovine parathyroid hormone (1-34) amide see bovine parathyroid hormone (1-34) amide, 8,18-Nle-34- Tyr-

8,18-norleucyl-34-tyrosine bovine parathyroid hormone (3-34) amide see bovine parathyroid hormone (3-34) amide, 8,18-Nle-34- Tyr-

2-norleukotriene D1 see SK&F 101132

norlorcainide
(RN) 63260-75-3
(HM) *PIPERIDINES
(PA) ANTI-ARRHYTHMIA AGENTS
(NO) structure given in first source

2-nor-LTD see SK&F 101132

2-nor-LTD1 see SK&F 101132

norlutate see norethindrone acetate

Normacol
(RN) 57828-29-2
(HM) *PLANT EXTRACTS
(NO) sterculia bulk-forming agent

normacromerine
(RN) 5653-66-7
(RR) 41787-64-8 ((R)-isomer)
(RR) 41136-36-1 (HCl)
(RR) 54869-16-8 (HCl(+-)-isomer)
(RR) 54869-15-7 ((+-)-isomer)
(SY) N-methyl-3,4-dimethoxy-beta-hydroxy-beta-phenethylamine
(HM) *ALKALOIDS
(NO) RN given refers to cpd without isomeric designation; structure

normal cell homolog protein pp60(c-src) see phosphoprotein pp60(c-src)

normal colon and granulocyte antigen see CEX

normal fecal antigen-1 see fecal antigen-1, normal

normal immunosuppressive protein
(HM) *ALPHA GLOBULINS
(PA) IMMUNOSUPPRESSIVE AGENTS

normeperidine
(RN) 77-17-8
(RR) 24465-45-0 (HCl)
(RR) 57588-72-4 (3H-labeled cpd)
(RR) 70740-80-6 (carbonate[2:1])
(SY) norpethidine
(HM) MEPERIDINE/*analogs
(PA) CHOLINESTERASE INHIBITORS
(NO) RN given refers to parent cpd; structure

normephenytoin see ethylphenylhydantoin

normetazocine
(RN) 16808-63-2
(RR) 16670-83-0 ((2alpha,6alpha,11R*)-isomer)
(RR) 16671-00-4 ((2alpha,6alpha,11S*)-(+-)-isomer)
(RR) 16670-86-3 ((2S-(2alpha,6alpha,11S*))-isomer)
(RR) 16670-84-1 ((2R-(2alpha,6alpha,11S*))-isomer)
(RR) 16603-67-1 ((2R-(2alpha,6alpha,11R*))-isomer)
(RR) 25144-78-9 ((2alpha,6alpha,11R*)-isomer)
(RR) 55566-41-1 (HCl(2alpha,6alpha,11R*)-isomer)
(RR) 16670-85-2
(HBr(2S-(2alpha,6alpha,11S*))-isomer)
(RR) 83434-93-9
(tartrate(2S-(2alpha,6alpha,11R*))-isomer)
(RR) 83434-92-8
(citrate(2R-(2alpha,6alpha,11R*))-(R-(R*,R*)))
(RR) 52079-30-8 ((2alpha,6alpha,11R*)-(+-)-isomer)
(RR) 16603-68-2 (unspecified tartrate(-)-(cis(+))-isomer)
(RR) 16603-66-0 (unspecified tartrate(+)-(cis(-))-isomer)
(SY) 5,9 alpha-dimethyl-2'-hydroxy-6,7-benzomorphan
(SY) norcyclazocine
(HM) CYCLAZOCINE/*analogs
(PA) NARCOTICS
(NO) RN given refers to cpd without isomeric designation

normorphine
(RN) 466-97-7
(RR) 3372-02-9 (HCl)
(RR) 66194-70-5 (perchlorate)
(RR) 63950-15-2 (sulfamate)
(SY) desmethylmorphine
(HM) *MORPHINE DERIVATIVES
(NO) RN given refers to (5 alpha,6 alpha)-isomer; cpd without isomeric designation not in Chemline 7/14/83

normosol R
(RN) 68073-09-6
(HM) *ISOTONIC SOLUTIONS
(II) PLASMA SUBSTITUTES
(NO) diluent for packed erythrocytes; Abbott Labs, contains NaCl, Na acetate, Na gluconate, KCl, MgCl (Am Drug Ind)

nor-N-mustard see nornitrogen mustard

nornicotine
(RN) 5746-86-1
(RR) 494-97-3 ((S)-isomer)
(RR) 7076-23-5 ((R)-isomer)
(RR) 5960-09-8 (unspecified tartrate(S)-(R-(R*,R*))-isomer)
(SY) 3-(2-pyrrolidinyl)pyridine
(HM) NICOTINE/*analogs
(PA) INSECTICIDES
(NO) agricultural or horticultural insecticide; RN given refers to (+-)-isomer; cpd without isomeric designation not in Chemline 7/11/83; structure

nor-nitrogen mustard see nornitrogen mustard

nornitrogen mustard
(RN) 334-22-5
(RR) 821-48-7 (HCl)
(RR) 51988-96-6 (HBr)
(RR) 51743-41-0 (HI)
(SY) nor-N-mustard
(SY) nor-nitrogen mustard
(HM) *NITROGEN MUSTARD COMPOUNDS
(NO) structure; RN given refers to parent cpd

norophthalamic acid
(RN) 16305-88-7
(SY) gamma-glutamyl-alanyl-glycine
(SY) gamma-Glu-Ala-Gly
(HM) *OLIGOPEPTIDES
(NO) from lens, liver & brain of higher animals; RN given from Chem Abstracts Index Guide 1984 refers to L-isomer; RN not in Chemline 5/84

19-nor-10-oxo-25-hydroxyvitamin D3 see 19-nor-10-keto-25-hydroxyvitamin D3

Norpace see disopyramide phosphate

norpethidine see normeperidine

norphenazone see phenylmethylpyrazolone

norphenylephrine see norfenefrine

Norplant see levonorgestrel

19-norprogesterone
(RN) 472-54-8
(RR) 17554-45-9 ((14beta,17alpha)-isomer)
(RR) 4265-88-7 ((9beta,10alpha)-isomer)
(HM) *NORPROGESTERONES
(NO) RN given refers to cpd without isomeric designation

norpropoxyphene
(RN) 3376-94-1
(RR) 32501-12-5 ((D)-isomer)
(RR) 70874-94-1 (maleate(S-(R*,S*)-isomer)
(RR) 68300-80-1 (citrate(S-(R*,S*)-isomer)
(RR) 38910-73-5 (maleate[1:1])
(RR) 32501-12-5 ((S-(R*,S*))-isomer)
(SY) nordextropropoxyphene
(HM) PROPOXYPHENE/*analogs
(NO) major metabolite of propoxyphene; RN given refers to cpd without isomeric designation; structure

norpropoxyphene carbinol
(RN) 42576-08-9
(RR) 2338-41-2 (HCl)
(HM) PROPOXYPHENE/*analogs
(NO) structure in first source; RN given refers to (S-(R*,S*))-isomer; RN for parent cpd not in Chemline 12/83

norpseudoephedrine
(RN) 36393-56-3
(RR) 37577-07-4 ((-)-isomer)
(RR) 2153-98-2 (HCl(+)-isomer)
(RR) 6035-35-4 (sulfate[2:1](+)-isomer)
(RR) 54680-46-5 ((R*,R*)-(+-)-isomer)
(RR) 53643-20-2 (HCl(R-(R*,R*))-isomer)
(RR) 53631-70-2 (HCl)
(RR) 48115-38-4 (duplicate RN)
(RR) 40626-29-7 (HCl(S-(R*,S*))-isomer)
(RR) 40602-66-2 (unspecified sulfate (R-(R*,S*))-isomer)
(RR) 37577-28-9 ((S-(R*,S*))-isomer)
(RR) 13990-22-2 (sulfate[2:1](R-(R*,R*))-isomer)
(RR) 700-65-2 ((R*,S*)-isomer)
(RR) 4345-16-8 (HCl(R*,S*)-isomer)
(RR) 492-41-1 ((R-(R*,S*))-isomer)
(RR) 67244-90-0 (tartrate(R*,S*)-(+-)-(R-(R*,R*))-isomer)
(RR) 66528-16-3 (HBr)
(RR) 492-39-7 (S-(R*,R*))-isomer)
(RR) 154-41-6 (HCl(R*,S*)-(+-)-isomer)
(RR) 87168-20-5 (tartrate(S-(R*,R*))-(R-(R*,R*))-isomer)
(RR) 87168-19-2 (sulfate(S-(R*,R*))-isomer)
(RR) 84508-20-3 (conjugate monoacid(R-(R*,S*))-isomer)
(SY) pseudonorephedrine
(SY) cathine
(SY) Fugoa depot
(HM) *PHENYLPROPANOLAMINE
(PA) APPETITE DEPRESSANTS
(NO) major metabolite of diethylpropion in man under acidic urine conditions; RN given refers to cpd without isomeric designation; synonym cathine refers to (+)-isomer

norpseudopelleterine-N-oxyl
(RN) 7123-92-4
(HM) *CYCLIC N-OXIDES
(II) SPIN LABELS

norsolorinic acid
(RN) 78371-59-2
(HM) *ANTHRAQUINONES
(NO) structure

norspermidine
(RN) 56-18-8
(SY) 3,3'-iminobispropylamine
(SY) bis(3,3'-aminopropyl)amine
(SY) 3,3'-diaminopropylamine
(HM) SPERMIDINE/*analogs
(NO) structure

norspermine
(RN) 4605-14-5
(SY) 1,11-diamino-4,8-diazaundecane
(HM) SPERMINE/*analogs

norsulfazole see sulfathiazole

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norsynephrine receptor
(SY) octopamine receptors
(SY) receptor, norsynephrine
(SY) norsynephrine receptors
(SY) receptor, octopamine
(SY) octopamine receptor
(HM) *RECEPTORS, ADRENERGIC
(II) NORSYNEPHRINE

norsynephrine receptors see norsynephrine receptor

19-nortestosterone decanoate see nandrolone decanoate

19-nortestosterone 4-hexoxyphenylpropionate see anadur

19-nortestosterone nitrosocarbamate see LS 1727

nortestosterone phenylpropionate see nandrolone phenpropionate

11-nortetrodotoxin
(RN) 70170-72-8
(SY) nor-TTX
(SY) C(11)-nortetrodotoxin
(HM) TETRODOTOXIN/*analogs
(NO) chemically oxidized tetrodotoxin

northiaden
(RN) 1154-09-2
(RR) 844-12-2 (HCl)
(RR) 24881-71-8 ((E)-isomer)
(RR) 24881-70-7 (HCl(E)-isomer)
(HM) *DOTHIEPIN/analogs
(NO) dothiepin metabolite; RN given refers to cpd without isomeric designation; structure in first source & in Negwer, 5th ed, #3597

northienamycin
(RN) 77550-86-8
(HM) *THIENAMYCINS
(NO) isolated from Streptomyces cattleya; structure in first source

nortrachelogenin
(RN) 34444-37-6
(RR) 61521-74-2 ((3R-cis)-isomer)
(SY) 8'-(R)-4,4',8-trihydroxy-3,3'-dimethoxylignanolide
(SY) dihydro-3-hydroxy-3,4-bis((4-hydroxy-3-methoxyphenyl)methyl)-2(3H)-furanone
(SY) wikstromol
(HM) *FURANS
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(NO) pharmacologically active lignan from Wikstroemia indica; RN & N1 from 9th CI; structure; RN given refers to (3S-cis)-isomer; RN for cpd without isomeric designation not in Chemline 7/84

nor-TTX see 11-nortetrodotoxin

2-norVal-cyclosporin see cyclosporin, norVal(2)-

norvaline
(RN) 6600-40-4
(RR) 760-78-1 ((DL)-isomer)
(SY) alpha-aminovaleric acid
(HM) *VALINE
(II) ISOMERISM
(NO) RN given refers to (L)-isomer; cpd without isomeric designation not in Chemline 7/11/83; structure

7-L-norvaline-cyclosporin A see cyclosporin G

2-norvalyl-cyclosporin see cyclosporin, norVal(2)-

Norvedan see fentiazac

norverapamil
(RN) 67018-85-3
(RR) 67812-42-4 (mono-HCl)
(RR) 73980-36-6 ((+-)-isomer)
(SY) N-demethylverapamil
(SY) D 591
(HM) VERAPAMIL/*analogs
(NO) N-demethylated active metabolite of verapamil; RN given refers to parent cpd without isomeric designation; structure in second source

norzimeldine see norzimelidine

norzimelidine
(RN) 56775-88-0
(RR) 60324-59-6 ((Z)-isomer)
(RR) 60324-58-5 ((E)-isomer)
(RR) 60324-60-9 (di-HCl(Z)-isomer)
(RR) 60324-57-4 (unspecified mono-HCl)
(RR) 74054-36-7 (di-HCl)
(RR) 73492-02-1 (maleate[1:1])
(RR) 66641-48-3 (fumarate[1:1])
(SY) norzimeldine
(HM) ZIMELIDINE/*analogs
(PA) ANTIDEPRESSIVE AGENTS
(NO) pharmacologically active N-demethylated metabolite of zimelidine; RN given refers to cpd without isomeric designation

no-spa see drotaverin

nospan see drotaverin

nospasmum see drotaverin

notechis 5
(HM) *ELAPID VENOMS
(II) PHOSPHOLIPASE
(NO) neurotoxic phospholipase A from venom of Notechis scutatus scutatus (Australian tiger snake)

notexin
(RN) 37223-96-4
(HM) *ELAPID VENOMS
(II) NEUROTOXINS
(NO) neurotoxin which is a basic protein consisting of 119 amino acid residues (MW 13574) in one peptide chain cross-linked by 7 disulfides; isolated from Australian tiger snake, Notechis scutatus scutatus

NotI endonuclease see endodeoxyribonuclease NotI

nourseimycin see alahopcin

nourseothricin
(RN) 56089-12-4
(HM) *STREPTOTHRICINS

novadral see norfenefrine

Novafed A syrup see haymine

novalucol see maalox

novaluzid see flalanclid

novantisol see 2-phenylbenzimidazole-5-sulfonic acid

novantrone see mitoxantrone

novescine see benoxinate

novesin see benoxinate

Novikoff hepatoma factor IV see exodeoxyribonuclease V

novocebrin see tinofedrine

novoimanine
(RN) 11004-82-3
(HM) *PLANT EXTRACTS
(PA) ANTI-INFECTIVE AGENTS, LOCAL
(PA) ANTIBIOTICS
(NO) Russian drug

Novo MC insulin see insulin, neutral

novonal
(RN) 512-48-1
(SY) diethylallylacetamide
(SY) epinoval
(SY) 2,2-diethyl-4-pentenamide
(HM) *ACETAMIDES
(PA) SEDATIVES, NONBARBITURATE
(NO) structure

novo-pyrexal
(RN) 95078-61-8
(SY) novo pyrexal
(HM) *ENDOTOXINS
(II) SALMONELLA
(NO) purified endotoxin prep from Salmonella abortus-equi

novo pyrexal see novo-pyrexal

novoscabin see benzyl benzoate

novothyral see euthyral

novozym 234
(HM) *ENZYMES
(NO) commercial multi-enzyme prep used for preparing fungal protoplasts

novurit see mercurophylline

novurite see mercurophylline

No. 199 see dansyl-arginine-methylpiperidine amide

No 233 see N(2)-dansyl-L-arginine-4-t-butylpiperidine amide

No. 407
(RN) 66935-36-2
(SY) N(alpha)-(6,7-dimethoxynaphthalene-2-sulfonyl)-L-Arg-N-(2-methoxyethyl)-Gly
(HM) *DIPEPTIDES
(PA) ANTITHROMBINS
(NO) RN in Chemline for preparation 407: 60267-56-3; structure in first source

NPADGG ONP see 3-O-(2-acetamido-2-deoxy-3-O-beta-galactopyranosyl-beta-glucopyranosyl)-beta-galactopyranoside 4- nitrophenyl ester

NPA-DME see 10,11-dimethoxy-N-n-propylnoraporphine

3-NP-ADP see 3'-O-(naphthoyl-1)adenosine diphosphate

3-NP-ATP see naphthoyl-ATP

3-N-1',8'-NPA see 3-N-(1',8'-naphthalimido)propionic acid

NPCMD see 4-nitrophenoxycarbonyl methyl disulfide

NPD see neodymium pyrocatechin disulfonate

4-NPDC see 4-nitrophenyl 3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate

NP-fuco-fucoside see 4-nitrophenyl 2-fucopyranosyl-fucopyranoside

NPGDA see neopentylglycol diacrylate

NPG-GMA
(RN) 4896-81-5
(SY) N-(2-hydroxy-3-methacryloxypropyl)-N-phenylglycine
(SY) N-phenylglycine-glycidyl methacrylate adduct
(SY) Cervident
(HM) *METHACRYLATES
(II) DENTAL MATERIALS
(II) SURFACE-ACTIVE AGENTS
(NO) dental coupling agent which bonds filling material to tooth

NP-glucagon see
di(delta-(5-nitro-2-pyrimidyl)ornithine)(17,18)) glucagon

NPGS see N-palmitoylgalactosylsphingosine

NP-hapten see 4-hydroxy-5-nitrophenyl acetic acid

NS-(phosphonoacetyl)-L-ornithine see
N-delta-(phosphonoacetyl)-L-ornithine

NPH-peptide
(RN) 84311-50-2
(SY)
N-formyl-Nle-Leu-Phe-Nle-Tyr-N-epsilon-(6-(4'azido-2'-nitrophenylamino)hexanoyl)Lys
(SY) N-formyl-norleucyl-leucyl-phenylalanyl-norleucyl-tyrosyl-N-epsilon-(6-(4'-azido-2'-nitrophenylamino)hexanoyl)lysine
(SY) N-formyl-Nle-Leu-Phe-NLe-125-I-Tyr-Lys-N-epsilon-6-(4'azido-2'-nitrophenylamino)hexanoate
(HM) *OLIGOPEPTIDES
(HM) *AZIDES
(II) AFFINITY LABELS
(II) CHEMOTACTIC FACTORS
(NO) used for photoaffinity labeling of N-formyl peptide receptor site of intact human polymorphonuclear leukocytes; structure given in first source

NP-MLC see morphine-like compounds (non-peptide)

NPMT see 4-nitrophenyl-alpha-maltotetraose

1-NPMT see 1-(4-nitrophenyl)-3-methyltriazene

N6-PPA see (N6)-1-phenyl-2-propyladenosine

NPPC see 4-nitrophenylphosphorylcholine

NPPGMTE see N-(3-phenylpropionyl)glycine methylthio ester

NP protein
(SY) Sendai-virus NP protein
(SY) Sendai virus nucleocapsid protein
(HM) *VIRAL CORE PROTEINS
(II) PARA-INFLUENZA VIRUS TYPE 1
(II) ORTHOMYXOVIRUSES TYPE A
(II) ORTHOMYXOVIRUSES TYPE B

NPSADG see
4-nitrophenyl-6-sulfo-2-acetamido-2-deoxyglucose

NPS-Cl see 2-nitrophenylsulphenyl chloride

NP-O-succinimide see
4-hydroxy-3-nitrophenylacetyl-O-succinimide ester

NP-O-SU see
4-hydroxy-3-nitrophenylacetyl-O-succinimide ester

NPT-15392 see NPT 15392

NPT 15392
(RN) 76600-30-1
(RR) 87810-17-1 (8-(14)C-labeled cpd)
(SY) erythro-9-(2-hydroxy-3-nonyl) hypoxanthine
(SY) NPT-15392
(HM) *HYPOXANTHINES
(PA) IMMUNOSTIMULANTS
(NO) RN given refers to unlabeled parent cpd

NPT 16416
(RN) 86870-52-2
(SY) NPT-16416
(SY) 7,8-dihydrothiazole(3,2e)hypoxanthine
(HM) *HYPOXANTHINES
(II) ADJUVANTS, IMMUNOLOGIC

NPT-16416 see NPT 16416

NP01A see NP 01A

NP 01A
(SY) NP-01-A
(SY) NP01A
(SY) 10,10-dimethyl-11-deoxy-6-keto-prostaglandin E1
(SY) 10,10-dimethyl-11-deoxy-6-keto-PGE1
(HM) ALPROSTADIL/*analogs
(PA) ANTINEOPLASTIC AGENTS
(II) PROSTAGLANDINS E, SYNTHETIC

NP-01-A see NP 01A

NP07A see NP 07 A

NP 07 A
(SY) NP-07-A
(SY) NP07A
(SY) 10,10-dimethyl-11-deoxy-7-thia-16,16-dimethylprostaglandin E1
(SY) 10,10-dimethyl-11-deoxy-7-thia-16,16-dimethyl-PGE1
(HM) ALPROSTADIL/*analogs
(PA) ANTINEOPLASTIC AGENTS
(II) PROSTAGLANDINS E, SYNTHETIC

NP-07-A see NP 07 A

NP13A see NP 13 A

NP 13 A
(SY) NP-13-A
(SY) NP13A
(SY) 10,10-dimethyl-11-deoxy-7-thia-16-meta-chlorophenoxy-17,18,19,20-tetranol- prostaglandin E1
(SY) 10,10-DMDTCPT-PGE1
(HM) ALPROSTADIL/*analogs
(PA) ANTINEOPLASTIC AGENTS
(II) PROSTAGLANDINS E, SYNTHETIC

NP-13-A see NP 13 A

NP-40 see Nonidet P-40

NRDC 119 see cismethrin

NRDC 143 see permethrin

NRDC-147 see permethrin

NRDC 149 see cypermethrin

NRDC 157
(RN) 82691-18-7
(RR) 87334-41-6 ((1S-trans)-isomer)
(RR) 71565-46-3 ((1S-cis)-isomer)
(RR) 55700-98-6 ((1R-cis)-isomer)
(RR) 55667-38-4 ((1R-trans)-isomer)
(SY) NRDC-157
(SY) 3-phenoxybenzyl 3-(2,2-dibromovinyl)-2,2-dimethylcyclopropanecarboxylate
(HM) *PYRETHRINS
(NO) RN given refers to cpd without isomeric designation

NRDC-157 see NRDC 157

NRDC 161 see decamethrin

NRRL-12350 see X 14885A

NRRL 12350 see X 14885A

N3RSPAPU see
5'-(((4-azidophenacyl)thio)phosphoryl)adenylyl(3'-5')uridine

NSAP-Strep see nephritis-strain associated protein, group A streptococcus

NSB antigen 10-40-4 see neurospecific brain antigen 10-40-4

NSC D 254157 see GANU

NSC 101327
(RN) 23647-94-1
(RR) 16758-33-1 (4-methylbenzenesulfonate(1:2)salt)
(SY) NSC-101327
(HM) *PYRIDINIUM COMPOUNDS
(PA) ANTINEOPLASTIC AGENTS
(NO) RN given refers to parent cpd; structure given in first source

NSC-101327 see NSC 101327

NSC-102627 see improsan

NSC 104469 see phenesterin

NSC 108878 see AB-163

NSC 112259 see estradiol mustard

NSC-112682 see acetylenic carbamate

NSC-114575 see mitoclomine

NSC-118,994 see inosine dialdehyde

NSC-11905 see lapachol

NSC-125973 see taxol

NSC 126,728 see muconomycin A

NSC-126771 see dichloroallyl lawsone

NSC 132319 see indicine-N-oxide

NSC-135758 see piperazinedione

NSC 137679 see 6-selenoguanosine

NSC 139105 see triazinate

NSC-140117 see improsan

NSC 141537 see diacetoxyscirpenol

NSC-141549 see m-AMSA

NSC 143019 see bis-A-TDA

NSC-143019 see bis-A-TDA

NSC 143095 see pyrazofurin

NSC-143769 see MER

NSC 144130 see rifamycin S

NSC-146171 see IOB 82

NSC 146397 see nitidine

NSC 15200 see gallium nitrate

NSC 153174
(RN) 42558-93-0
(RR) 42558-94-1 ((trans)-isomer)
(SY) cis-acid
(HM) LOMUSTINE/*analogs
(PA) ANTINEOPLASTIC AGENTS
(NO) RN given refers to (cis)-isomer; RN for cpd without isomeric designation not in Chemline 8/1/83

NSC 153,353 see alanosine

NSC 154020 see NSC-154020

NSC-154020
(RN) 35943-35-2
(SY) 3-amino-1,5-dihydro-5-methyl-1-beta-D-ribofuranosyl-1,4,5,6,8- pentaazaacenaphthylene
(SY) NSC 154020
(SY) 6-amino-4-methyl-8-(beta-D-ribofuranosyl)-(4H, 8H)pyrrolo(4,3,2-de)pyrimido(4,5-c)pyridazine
(SY) 6-ARPPP
(HM) *RIBONUCLEOSIDES
(PA) ANTINEOPLASTIC AGENTS
(NO) structure

NSC-154090 see coralyne

NSC-156303 see m-AMSA

NSC-163063 see tripdiolide

NSC-163500 see volonomycin

NSC 163501 see acivicin

NSC 166641 see 5-fluoro-2,2'-cyclocytidine

NSC-169780 see ICRF 187

NSC 170561 see AC-3579

NSC 170890 see dichlorobis(cyclopentylamine)platinum

NSC 172112 see spirohydantoin mustard

NSC-172755 see butocin

NSC 176319 see NSC-176319

NSC-176319
(RN) 50308-94-6
(RR) 50309-15-4 (ditosylate)
(SY) QdB
(SY) quinolinium dibromide
(SY) NSC 176319
(HM) *QUINOLINIUM COMPOUNDS
(PA) ANTINEOPLASTIC AGENTS
(NO) RN given refers to dibromide; RN for parent cpd not in Chemline 7/11/83

NSC-176324 see U-43,795

NSC 177391 see tetraphenylporphine sulfonate

NSC 178,248 see chlorozotocin

NSC-181298 see NSC 181928

NSC-181928 see NSC 181928

NSC 181928
(RN) 80434-77-1
(SY) ethyl 5-amino-1,2-dihydro-3-((N-methylanilino) methyl)pyrido-(3,4-b)pyrazin-7-ylcarbamate
(SY) NSC-181298
(SY) NSC-181928
(HM) *PYRAZINES
(PA) ANTINEOPLASTIC AGENTS
(NO) potently stimulates tubulin-dependent GTP hydrolysis; member of 1-deaza-7,8-dihydropteridine class of mitotic inhibitors with antineoplastic activity; structure given in both sources

NSC-182986 see NSC 182986

NSC 182986
(RN) 57998-68-2
(RR) 79162-24-6 (ion(1-))
(SY) 2,5-diaziridinyl-3,6-bis(carboethoxyamino)-1,4-benzoquinone
(SY) 3,6-diaziridinyl-2,5-bis(carboethoxyamino)-1,4-benzoquinone
(SY) AZQ
(SY) 1,4-cyclohexadiene-1,4-dicarbamic acid, 2,5-(bis(1-aziridinyl)-3,6-dioxo diethyl ester
(SY) diaziquone
(SY) NSC-182986
(HM) *AZIRIDINES
(PA) ANTINEOPLASTIC AGENTS
(II) CROSS-LINKING REAGENTS
(NO) RN given refers to parent cpd

NSC 191295
(RN) 33251-22-8
(SY) NSC-191295
(SY) RQ14
(HM) *QUINONES
(PA) ANTINEOPLASTIC AGENTS
(NO) structure given in first source

NSC-191295 see NSC 191295

NSC 196473 see NSC 287513

NSC-196473 see NSC 287513

NSC 196562 see 4-hydroxycyclophosphamide

NSC 208734 see aclacinomycin A

NSC 208,828 see Wy-13876

NSC 218321 see 2'-deoxycoformycin

NSC 224070
(SY) NSC-224070
(SY) 2,5-diaziridinyl-3,6-bis(2-hydroxyethylamino)-1,4-benzoquinone
(HM) *AZIRIDINES
(PA) ANTINEOPLASTIC AGENTS
(NO) structure given in first source

NSC-224070 see NSC 224070

NSC-224131 see NSC 224131

NSC 224131
(RN) 51321-79-0
(RR) 60342-56-5 (tetra-Na salt)
(RR) 66569-27-5 (di-Na salt)
(SY) N-(phosphonacetyl)-L-aspartate
(SY) PALA
(SY) N-(phosphonoacetyl)-L-aspartate
(SY) NSC-224131
(HM) ASPARTIC ACID/*analogs
(HM) *PHOSPHONOACETIC ACID/analogs
(PA) ANTINEOPLASTIC AGENTS
(PA) ANTIMETABOLITES, ANTINEOPLASTIC
(NO) inhibitor of aspartate transcarbamylase; bisubstrate ligand; RN given refers to (L)-isomer; cpd without isomeric designation not in Chemline 7/11/83

NSC 224964 see platinum(II) 1,2-diaminocyclohexane malonate

NSC 226137 see 2-methylellipticinium

NSC-23162E see nandrolone phenpropionate

NSC 238159 see nocodazole

NSC 23890 see dimethylmyleran

NSC-239336 see N(4)-behenoyl-1-beta-arabinofuranosylcytosine

NSC 239336 see N(4)-behenoyl-1-beta-arabinofuranosylcytosine

NSC-239851 see NSC 239851

NSC 239851
(RN) 60732-70-9
(RR) 66900-69-4 (SP-4-2-(1S-trans))-isomer)
(RR) 66900-68-3 (SP-4-2-(1R-trans))-isomer)
(RR) 66900-67-2 (SP-4-3-(cis))-isomer)
(SY) platinum(II) 1,2-diaminocyclohexane nitrate
(SY) 1,2-cyclohexanediamine dinitratoplatinum
(SY) (dinitrato(1R,2S-cyclohexanediamine)platinum(II))
(SY) Pt(NO3)2(cis-dach))
(SY) 239852
(SY) NSC-239851
(HM) *ORGANOPLATINUM COMPOUNDS
(PA) ANTINEOPLASTIC AGENTS
(NO) RN given refers to (SP-4-2)-isomer; RN for cpd without isomeric designation not in Chemline 8/84

NSC 240419 see CB 10-252

NSC-241240 see diammine-1,1-cyclobutane dicarboxylate platinum II

NSC 241240 see diammine-1,1-cyclobutane dicarboxylate platinum II

NSC 245382 see ACNU

NSC-246131 see N-trifluoroacetyladriamycin 14-valerate

NSC 249008 see trimetrexate

NSC-249008 see trimetrexate

NSC-24992 see m-AMSA

NSC 249992 see m-AMSA

NSC 250427 see 1,2-diaminocyclohexyl platinum sulfate

NSC 251635
(RN) 37799-31-8
(SY) NSC-251635
(SY) 2-(3'-(methoxycarbonylamino)phenyl)-3-phenyl-6-methoxycarbonylamino-4-(3H)-quinazolone
(HM) *QUINAZOLINES
(PA) ANTINEOPLASTIC AGENTS

NSC-251635 see NSC 251635

NSC-254681 see 5-iminodaunorubicin

NSC 256439 see 4-demethoxydaunorubicin

NSC 256942 see 4'-epidoxorubicin

NSC-256942 see 4'-epidoxorubicin

NSC 259,968 see bouvardin

NSC 264137 see 2-methyl-9-hydroxyellipticinium

NSC 264-137 see 2-methyl-9-hydroxyellipticinium

NSC-264880 see 5,6-dihydro-5-azacytidine

NSC-267703 see quelamycin

NSC-277813 see fungichromin

NSC-278891 see 7-N-(4-hydroxyphenyl)mitomycin C

NSC 278891 see 7-N-(4-hydroxyphenyl)mitomycin C

NSC 279836 see mitoxantrone

NSC 280594 see triciribine phosphate

NSC-280594 see triciribine phosphate

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NSC 281835
(SY) NSC-281835
(SY) uracil-progesterone
(HM) PROGESTERONE/*analogs
(HM) URACIL/*analogs
(NO) structure in first source

NSC-281835 see NSC 281835

NSC 281842
(RN) 87536-00-3
(SY) NSC-28184[illegible]
(SY) thymine-hydroxyprogesterone
(HM) *HYDROXYPROGESTERONES
(HM) THYMINE/*analogs
(NO) structure in first source

NSC-281842 see NSC 281842

NSC 286193 see tiazofurin

NSC-287513 see NSC 287513

NSC 287513
(RN) 64862-96-0
(RR) 70711-40-9 (diacetate salt)
(RR) 85541-56-6 (ion(1-))
(SY) ametantrone
(SY) 1,4-bis((2-((2-hydroxyethyl)amino)ethyl)amino)-9,10-anthracenedione diacetate
(SY) NSC-287513
(SY) NSC 196473
(SY) NSC-196473
(SY) HAQ
(HM) *ANTHRAQUINONES
(PA) ANTINEOPLASTIC AGENTS
(II) INTERCALATING AGENTS
(NO) RN given refers to parent cpd; structure

NSC-287836 see mitoxantrone

NSC 287836 see mitoxantrone

NSC-289487 see asterriquinone

NSC 289487 see asterriquinone

NSC 290205 see 3 beta-hydroxy-13 alpha-amino-13,17-seco-5 alpha- androstan-17-oic-13,17 lactam-4-bis(2-chloroethyl) amino phenylacetate

NSC 29485 see 2-chloroethyl-1-nitrosoureidoethanol

NSC 294859
(RN) 72273-04-2
(SY) NSC-294859
(SY) 3 beta-hydroxy-13 alpha-amino-13,17-seco-5 alpha-androstan-17-oic-13,17-lactam-4-(bis(2-chloroethyl)aminophenoxyacetate
(HM) *NITROGEN MUSTARD COMPOUNDS
(PA) ANTINEOPLASTIC AGENTS
(NO) structure given in first source

NSC-294859 see NSC 294859

NSC 294979 see bleomycin BAPP

NSC-294979 see bleomycin BAPP

NSC 29630 see 3',5'-dichloromethotrexate

NSC 296934 see 1,3,5-triglycidyl-s-triazinetrione

NSC-296934 see 1,3,5-triglycidyl-s-triazinetrione

NSC 297169
(RN) 78682-42-5
(RR) 89691-33-8 ((DL)-isomer)
(SY) NSC-297169
(SY) 1,2-dimethyl-1,2-bis(3'-hydroxyphenyl)ethane
(SY) metabutestrol
(HM) HEXESTROL/*analogs
(PA) ESTROGEN ANTAGONISTS
(PA) ANTINEOPLASTIC AGENTS
(NO) RN given refers to (R*,S*)-isomer; RN for cpd without isomeric designation not in Chemline 8/84; structure given in first source

NSC-297169 see NSC 297169

NSC 297170
(RN) 68266-24-0
(RR) 71953-72-5 ((R*,S*)-isomer)
(RR) 71953-71-4 ((R*,R*)-(+-)-isomer)
(SY) NSC-297170
(SY) 1,2-diethyl-1,2-bis(3'-hydroxyphenyl)ethane
(SY) 3,4-bis(3'-hydroxyphenyl)hexane
(SY) meso-3,4-bis(3'-hydroxyphenyl)hexane
(SY) 3,3'-HES
(SY) metahexestrol
(HM) HEXESTROL/*analogs
(PA) ESTROGEN ANTAGONISTS
(PA) ANTINEOPLASTIC AGENTS
(NO) RN given refers to cpd without isomeric designation; structure in first source

NSC-297170 see NSC 297170

NSC-297879D see NSC 297879D

NSC 297879D
(RN) 82970-82-9
(RR) 40449-96-5 ((E)-isomer)
(SY) ethyl O-(N-(4-carboxyphenyl)carbamoyl) mycophenolate
(SY) NSC-297879D
(HM) MYCOPHENOLIC ACID/*analogs
(PA) ANTINEOPLASTIC AGENTS
(NO) synthesized mycophenolic acid derivative; structure given in first source; RN given refers to cpd without isomeric designation

NSC 298223 see CC-1065

NSC 299195 see mitoxantrone

NSC 301739 see mitoxantrone

NSC 301739D see mitoxantrone

NSC 3051 see methylformamide

NSC-305263 see fredericamycin A

NSC-305986 see 5-monobutyl methotrexate

NSC 305986 see 5-monobutyl methotrexate

NSC 30705
(RN) 7251-14-1
(RR) 86933-72-4 (radical ion(1-))
(SY) NSC-30705
(SY) RQ2
(HM) *AZIRIDINES
(PA) ANTINEOPLASTIC AGENTS
(NO) RN given refers to parent cpd; structure given in first source

NSC-30705 see NSC 30705

NSC 310633 see Wy-18,251

NSC-312887 see fludarabine monophosphate

NSC 312887 see fludarabine monophosphate

NSC-324360 see NSC 324360

NSC 324360
(RN) 69839-83-4
(SY) 3,4-dihydroxybenzohydroxamic acid
(SY) VF 147
(SY) NSC-324360
(HM) *HYDROXAMIC ACIDS
(PA) ANTINEOPLASTIC AGENTS

NSC-327,472 see NSC 331962

NSC 327472 see NSC 331962

NSC-328564 see trimetrexate

NSC 329514D see NED 137

NSC 331962
(SY) NSC-331,962
(SY) NSC 327472
(SY) NSC-327,472
(SY) 7-O-(3,4-di-O-acetyl-2,6-dideoxy-2-iodo-alpha-mannopyranosyl)daunomycinone
(SY) 7-O-(3,4-di-O-acetyl-2,6-dideoxy-2-iodo-alpha-talopyranosyl)daunomycinone
(HM) DAUNORUBICIN/*analogs
(PA) ANTINEOPLASTIC AGENTS
(NO) NSC 331962 refers to mannopyranosyl isomer; NSC 327472 to talopyransoyl isomer; structure given in first source

NSC-331,962 see NSC 331962

NSC 332488 see 1,2,4-triglycidyl urazol

NSC-335153 see ditercalinium

NSC 335153 see ditercalinium

NSC 335154
(RN) 72256-36-1
(SY) NSC-335154
(HM) *CARBAZOLES
(PA) ANTINEOPLASTIC AGENTS
(II) INTERCALATING AGENTS
(NO) structure given in first source; RN given refers to acetate salt; RN for parent cpd not in Chemline 10/84

NSC-335154 see NSC 335154

NSC-336628 see NSC 336628

NSC 336628
(SY) 5-(N-phenylcarboxamido)-2-thiobarbituric acid
(SY) NSC-336628
(SY) merbarone
(HM) *THIOBARBITURATES
(PA) ANTINEOPLASTIC AGENTS
(NO) structure given in first source

NSC 337766 see bisantrene

NSC 343499 see CI 921

NSC-343499 see CI 921

NSC 347503 see RSU 1069

NSC-347503 see RSU 1069

NSC 348103 see combretastatin

NSC-348103 see combretastatin

NSC-353447 see 12-O-undecadienoylphorbol-13-acetate

NSC 353447 see 12-O-undecadienoylphorbol-13-acetate

NSC 353451
(RN) 85622-95-3
(SY) NSC-353451
(SY) CCRG-81010
(SY) CCRG 81010
(SY) M&B 39565
(SY) M&B-39565
(SY) 8-carbamoyl-3-(2-chloroethyl)imidazo(5,1-d)-1,2,3,5-tetrazin-4(3H)-one
(SY) mitozolomide
(HM) *NITROGEN MUSTARD COMPOUNDS
(PA) ANTINEOPLASTIC AGENTS
(NO) RN & structure given in first source; RN not in Chemline 3/84

NSC-353451 see NSC 353451

NSC-353862 see ostodin

NSC 353862 see ostodin

NSC-36354 see trimethylcolchicinic acid methyl ether

NSC-38087 see NSC 38087

NSC 38087
(RN) 6954-35-4
(SY) 5-phenoxysulfonyl-1-methyl-4-nitroimidazole
(SY) NSC-38087
(HM) *NITROIMIDAZOLES
(PA) RADIATION-SENSITIZING AGENTS
(NO) structure given in first source

NSC 39069 see treosulfan

NSC-407347 see NSC 407347

NSC 407347
(RN) 3413-72-7
(RR) 21244-71-3 (mono-HCl)
(SY) 5-(3-methyl-1-triazeno)imidazole-4-carboxamide
(SY) MTIC
(SY) MIC
(SY) NSC-407347
(HM) DACARBAZINE/*analogs
(PA) ALKYLATING AGENTS
(NO) structure; RN given refers to parent cpd

NSC-4728
(RN) 4005-51-0
(RR) 26861-87-0 (mono-HCl)
(SY) NSC 4728
(SY) 2-amino-1,3,4-thiadiazole
(HM) *THIADIAZOLES
(PA) ANTINEOPLASTIC AGENTS
(NO) structure; RN given refers to parent cpd

NSC 4728 see NSC-4728

NSC 51143 see imidazopyrazole

NSC-59529 see mitogillin

NSC 65346 see sangivamycin

NSC-68626 see azapicyl

NSC 68626 see azapicyl

NSC 71795 see ellipticine

NSC-71851 see alpha-2'-deoxythioguanosine

NSC-71901 see statolon

NSC 71901 see statolon

NSC-72274 see mitopodozide

NSC-77037 see tetrandrine

NSC 7852 see 1-methyl-5-chloro-4-nitroimidazole

NSC-82196 see imidazole mustard

NSC 82,196 see imidazole mustard

NSC-87418 see NSC 87418

NSC 87418
(RN) 1943-83-5
(SY) CIC
(SY) NSC-87418
(SY) 2-chloroethyl isocyanate
(HM) *CYANATES
(NO) breakdown product of carmustine; inhibits repair of damaged DNA; structure

NSC 8769 see NSC-8769

NSC-8769
(RN) 122-88-3
(RR) 13730-98-8 (Na salt)
(RR) 72593-43-2 (NH4 salt)
(RR) 67433-96-9 (K salt)
(SY) p-chlorophenoxyacetic acid
(SY) 4-chlorophenoxyacetic acid
(SY) NSC 8769
(HM) 2,4-DICHLOROPHENOXYACETIC ACID/*analogs
(NO) RN given refers to parent cpd; structure

NSC 89473 see tetrahydrohomofolic acid

NSDCA see
N-succinimidyl-7-dimethylaminocoumarin-4-acetate

NSD-1015 see NSD 1015

NSD 1015
(RN) 637-33-2
(RR) 52496-75-0 (HCl)
(SY) m-hydroxybenzylhydrazine
(SY) 3-hydroxybenzylhydrazine
(SY) NSD-1015
(HM) *HYDRAZINES
(NO) decarboxylase inhibitor; RN given refers to parent cpd; structure

NSD-1024
(RN) 555-61-3
(RR) 3861-01-6 (HCl)
(SY) NSD 1024
(HM) *CRESOLS
(PA) CARBOXY-LYASES/antag
(NO) RN given refers to parent cpd

NSD 1024 see NSD-1024

NSD 1034 see NSD-1034

NSD-1034
(RN) 555-62-4
(RR) 3426-07-1 (phosphate)
(SY) N-methyl-N-(3-hydroxybenzyl)hydrazinium dihydrogen phosphate
(SY) NSD 1034
(HM) *HYDRAZINES
(PA) DOPA DECARBOXYLASE/antag
(NO) RN given refers to parent cpd

Nsp100 kinase
(RN) EC 2.7.1.-
(SY) nerve growth factor-sensitive protein kinase
(HM) *PROTEIN KINASES

NS proteins
(SY) viral NS protein
(SY) NS protein, viral
(SY) vesicular stomatitis virus NS protein
(HM) *VIRAL PROTEINS
(II) VESICULAR STOMATITIS VIRUS
(II) ORTHOMYXOVIRIDAE
(NO) nonstructural proteins synthesized by influenza virus; includes NS(1) & NS(2)

NS protein, viral see NS proteins

NSRGP see nickel-sequestering renal glycoprotein

NSSP D1 see nervous system specific protein D1

NSSP D2 see nervous system specific protein D2

NSSP D3 see nervous tissue specific protein D3

5NS see 5-doxylstearic acid

NU-A-194 see tiaramide

NTA-(7-34) see bovine parathyroid hormone (7-34) amide, 34-Tyr-

NTCA see N-nitrosothiazolidine-4-carboxylic acid

2-NTCBA see 2-nitro-5-thiocarbamylbenzoic acid

NTG-GMA see N-(4-tolyl)glycine-glycidyl methacrylate

NTHP see N-nitroso-1,2,3,6-tetrahydropyridine

NTLIR see neurotensin-like immunoreactivity

NTMTPA see (nitrilotris(methylene))triphosphonic acid

NTMTPCU see
((nitrilotri(methylene))triphosphonato)cuprate

NTPase see nucleosidetriphosphatase

3-NTR see 1-methyl-3-nitro-1,2,4-triazole

NTSB see 2-nitro-5-thiosulfobenzoic acid

NTXEDA see beta-naltrexyl-6-ethylenediamine

nuciferine
(RN) 475-83-2
(RR) 5868-18-8 ((+-)-isomer)
(RR) 16654-73-9 ((S)-isomer)
(SY) 1-5,6-dimethoxyaporphine
(HM) *APORPHINES
(NO) CNS depressant; glutamic acid antagonist; RN given refers to (R)-isomer; cpd without isomeric designation not in Chemline 7/11/83; structure

nuclear antigen p55
(SY) PSL
(SY) S phase-related p55 nuclear antigen
(HM) *NUCLEOPROTEINS
(II) AUTOANTIGENS
(NO) MW 55,000; co-migrates with chromatin-containing structures & accumulates in the nucleus during the S phase and disappears during the next G1

nuclear antigens
(SY) extractable nuclear antigens
(SY) nuclear matrix antigens
(SY) nuclear matrix proteins
(HM) *NUCLEOPROTEINS
(II) AUTOANTIGENS
(NO) extractable nuclear antigens are acidic (non-histone) macromolecules from saline soluble fraction of cell nuclei

nuclear factor I
(SY) TGGCA-binding protein
(HM) *DNA-BINDING PROTEINS
(NO) isolated from human HeLa cells; MW 47,000

nuclear matrix antigens see nuclear antigens

nuclear matrix proteins see nuclear antigens

nuclear yellow
(RN) 74681-68-8
(SY) Hoechst S769121
(SY) HOE-S769121
(SY) Hoechst S 769121
(HM) *BENZIMIDAZOLES
(II) FLUORESCENT DYES
(NO) RN from 10th CI. Chem Subs Index; RN given refers to tri-HCl; RN for parent cpd not in Chemline 8/1/83

nuclease F see ribonuclease F

nuclease gamma see nuclease gamma, Ustilago maydis

nuclease gamma, Ustilago maydis
(RN) EC 3.1.21.-
(SY) nuclease gamma
(HM) *ENDODEOXYRIBONUCLEASES
(NO) in presence of Mg++ or Ca++, nicks one strand of a duplex; with Mn++, Co++ or Zn++ introduces double strand breaks

nuclease I
(RN) EC 3.1.3.-
(SY) 3'-mononucleotidase
(HM) *NUCLEOTIDASES
(NO) sugar-unspecific nuclease from plants; hydrolyzes polynucleotides & 3'-mononucleotides

nuclease O see endonuclease (Serratia marcescens)

nuclease P1
(RN) EC 3.1.3.-
(SY) 3'-monophosphatase
(HM) *NUCLEOTIDASES

nuclease SM
(RN) EC 3.1.4.-
(SY) nuclease SM1
(SY) nuclease SM2
(HM) *PHOSPHODIESTERASES
(NO) extracellular nucleases from Serratia marcescens; act on DNA, RNA & double stranded homopolymers such as poly I-C

nuclease SM1 see nuclease SM

nuclease SM2 see nuclease SM

nuclease SV see cobra venom endonuclease

nuclease S-1 see endonuclease S1 (Aspergillus)

nuclease S1 see endonuclease S1 (Aspergillus)

nuclease TT1
(RN) EC 3.1.15.-
(HM) *EXONUCLEASES
(NO) acts on single & double-stranded DNA, rRNA, tRNA & oligonucleotides; produces 5'-mononucleotides; also has endonuclease activity

nucleate endonuclease see endonuclease (Serratia marcescens)

nucleic acid helix-destabilizing protein see helix-destabilizing proteins

nucleinate see sodium nucleinate

nucleocapsid see viral N protein

nucleocapsid protein, viral see viral N protein

nucleocidin
(RN) 24751-69-7
(SY) 4'-fluoro-5'-O-sulfamoyladenosine
(HM) ADENOSINE/analogs
(PA) ANTIBIOTICS
(NO) adenine nucleoside; structure

nucleolar acidic phosphoprotein C23 see phosphoprotein C23

nucleolar antigen, malignancy-associated
(SY) malignancy-associated nucleolar antigen
(SY) MANA
(HM) *ANTIGENS, NEOPLASM
(II) CELL NUCLEOLUS/immunol
(NO) identifies tumor cell populations selectively; can be useful for immunodiagnosis of malignant disease; MW 68,000; isoelectric point of 6.3

nucleolar protein B23 see nucleolar proteins

nucleolar proteins
(SY) nucleolar protein B23
(HM) *RIBONUCLEOPROTEINS
(NO) protein B23 is a silver-staining acidic phosphoprotein found in the preribosomal ribonucleoprotein particles in nucleoli of Novikoff hepatoma cells

nucleoplasmin
(HM) *NUCLEOPROTEINS
(NO) protein which occurs in the soluble phase of the nucleus of a wide range of vertebrate cell types

nucleoprotein kinase
(RN) EC 2.7.1.-
(SY) ribonucleoprotein kinase
(HM) *PROTEIN KINASES

nucleoprotein p53 see phosphoprotein pp53

nucleosidase
(RN) EC 3.2.2.1
(RR) 9025-44-9 (CRN)
(SY) purine nucleoside hydrolase
(SY) guanosine hydrolase
(HM) *NUCLEOSIDASES
(NO) catalyzes hydrolysis of N-ribosyl-purine into a purine & D-ribose

nucleoside 3'-(S-alkylphosphorothioates) see nucleoside phosphorothioates

nucleoside deoxyribosyltransferase
(RN) EC 2.4.2.6
(RR) 9026-86-2 (CRN)
(SY) purine nucleoside purine deoxyribosyltransferase
(SY) trans-N-deoxyribosylase
(HM) *PENTOSYLTRANSFERASES

nucleoside diphosphatase see nucleosidediphosphatase

nucleosidediphosphatase
(RN) EC 3.6.1.6
(RR) 9027-69-4 (CRN)
(SY) GDP phosphohydrolase
(SY) nucleoside diphosphatase
(HM) *PHOSPHATASES

nucleoside-diphosphosugar pyrophosphatase
(RN) EC 3.6.1.-
(SY) NDP-sugar pyrophosphatase
(SY) nucleotide-sugar pyrophosphatase
(HM) *PYROPHOSPHATASES
(NO) catalyzes the conversion of XDP-sugar to XMP & sugar 1-phosphate

nucleoside kinase
(RN) EC 2.7.1.-
(HM) *PHOSPHOTRANSFERASES, ATP
(NO) nucleosides may be replaced by specific nucleoside

nucleoside phosphorothioates
(SY) nucleoside 3'-(S-alkylphosphorothioates)
(HM) *THIONUCLEOTIDES

nucleoside phosphotransferase
(RN) EC 2.7.1.77
(RR) 9055-36-1 (CRN)
(HM) *PHOSPHOTRANSFERASES

nucleoside transporter
(SY) band 4.5 polypeptide
(SY) band 4.5 protein
(SY) nucleoside transporter, band 4.5
(HM) *BLOOD PROTEINS
(HM) *MEMBRANE PROTEINS
(II) CARRIER PROTEINS

nucleoside transporter, band 4.5 see nucleoside transporter

nucleoside triphosphatase see nucleosidetriphosphatase

nucleosidetriphosphatase
(RN) EC 3.6.1.15
(RR) 9075-51-8 (CRN)
(SY) nucleoside triphosphate phosphohydrolase
(SY) nucleoside triphosphatase
(SY) NTPase
(HM) *PHOSPHATASES
(NO) hydrolyzes various nucleotides; inhibited by Ca + ATP

nucleoside triphosphate-adenylate kinase
(RN) EC 2.7.4.10
(SY) GTP-AMP phosphotransferase
(HM) *PHOSPHOTRANSFERASES, ATP
(NO) other nucleoside triphosphates may replace GTP as substrate

nucleoside triphosphate phosphohydrolase see nucleosidetriphosphatase

nucleoside triphosphate pyrophosphatase
(RN) EC 3.6.1.19
(RR) 9075-54-1 (CRN)
(SY) nucleoside triphosphate pyrophosphohydrolase
(HM) *PYROPHOSPHATASES

nucleoside triphosphate pyrophosphohydrolase see nucleoside triphosphate pyrophosphatase

nucleoside X see 3-(3-amino-3-carboxypropyl)uridine

nucleotidase
(RN) EC 3.1.3.31
(RR) 9033-33-4 (CRN)
(SY) deoxyinosine-activated nucleotidase
(SY) nucleotide phosphohydrolase
(HM) *NUCLEOTIDASES
(NO) catalyses dephosphorylation of ribonucleoside 5'-monophosphates, ribonucleoside 3'-monophosphates & deoxyribonucleoside 3'-monophosphates

5'-nucleotidase phosphoribohydrolase see 5'-nucleotidase

2'-nucleotidase
(RN) EC 3.1.3.-
(SY) NADPase
(SY) nicotinamide adenine dinucleotide phosphatase
(SY) beta-NADPase
(HM) *NUCLEOTIDASES
(NO) from latex of Hevea braziliensis

3'-nucleotidase
(RN) EC 3.1.3.6
(RR) 9025-84-7 (CRN)
(HM) *NUCLEOTIDASES

5'-nucleotidase
(RN) EC 3.1.3.5
(RR) 9027-73-0 (CRN)
(SY) ecto-5'-nucleotidase
(SY) AMP nucleotidase
(SY) 5'-AMP nucleotidase
(SY) 5'-nucleotidase phosphoribohydrolase
(SY) cytidylate phosphatase
(SY) thymidine nucleotidase
(SY) pyrimidine-5'-nucleotidase
(SY) pyrimidine 5'-nucleotidase
(SY) IMP nucleotidase
(HM) *NUCLEOTIDASES

nucleotide-binding proteins see adenosine cyclic 3',5'-monophosphate binding proteins

5'-nucleotidephosphodiesterase see phosphodiesterase I

nucleotide phosphohydrolase see nucleotidase

nucleotide phosphotransferase
(RN) EC 2.7.1.-
(HM) *PHOSPHOTRANSFERASES
(NO) transfers phosphoric acid from an organic phosphate donor to the 2' or 3' hydroxyls of nucleosides & nuclectides

nucleotide pyrophosphatase
(RN) EC 3.6.1.9
(RR) 9032-64-8 (CRN)
(SY) dinucleotide nucleotidohydrolase
(SY) NADH pyrophosphatase
(SY) UDP glucuronic acid pyrophosphatase
(HM) *PYROPHOSPHATASES

nucleotide pyrophosphokinase
(RN) EC 2.7.6.4
(SY) nucleotide pyrophosphotransferase
(SY) ATP nucleotide pyrophosphokinase
(HM) *PHOSPHOTRANSFERASES, ATP

nucleotide pyrophosphotransferase see nucleotide pyrophosphokinase

nucleotide Q see Q nucleotide

nucleotide-sugar pyrophosphatase see nucleoside-diphosphosugar pyrophosphatase

nudaphantin
(HM) *TERPENES
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(NO) structure given in first source

nufenoxole
(RN) 57726-65-5
(SY) SC-27166
(HM) *OXADIAZOLES
(PA) ANTIDIARRHEALS
(NO) structure

nummularogenin
(SY) 3-hydroxy-5-spirostan-2,12-dione
(HM) *SPIROSTANS
(II) PLANTS, MEDICINAL
(NO) from Indian medicinal herb Zizyphus nummularia; structure given in first source

numoquin see ethylhydrocupreine

nusA1 gene product see gene proteins, bacterial

nusA gene protein (E. coli) see gene proteins, bacterial

nusB gene product see gene proteins, bacterial

nusB5 gene product see gene proteins, bacterial

nusB protein see gene proteins, bacterial

nutralipid
(RN) 80619-66-5
(HM) *FATTY ACIDS
(NO) contains linolenic acid; various fatty acid constituents of nutralipid bind to albumin & thereby shorten the half-life of thromboxane A2

Nutrauxil
(HM) *DIETARY PROTEINS
(II) FOOD, FORMULATED
(NO) whole protein liquid food which is gluten & lactose free; recommended for enteral feeding & suitable as a sip feed

Nutrizym
(HM) *TRYPSIN
(HM) *LIPASE
(HM) *AMYLASES
(HM) *BROMELAINS
(HM) DRUG COMBINATIONS
(NO) preparation used to treat pancreatic insufficiency; contains the above cpds

Nuva-Cote
(RN) 80206-89-9
(HM) *COMPOSITE RESINS
(II) PIT AND FISSURE SEALANTS

Nuva-Fil
(RN) 58517-41-2
(RR) 75797-79-4 (Nuva-Fil PA)
(SY) Nuvafil
(HM) *COMPOSITE RESINS
(NO) RN given refers to parent cpd

Nuvafil see Nuva-Fil

Nuva Seal see bis(phenol A-glycidyl methacrylate)

nybomycin
(RN) 30408-30-1
(HM) QUINOLINES
(PA) ANTIBIOTICS
(NO) antibiotic substance produced by Streptomyces A 717; structure

Nycodenz see iohexol

nydrane see beclamide

nylon degrading enzyme see 6-aminohexanoic acid linear oligomer hydrolase

nylon oligomer see 6-aminohexanoic acid-cyclic dimer

nylon oligomer hydrolase see 6-aminohexanoic acid linear oligomer hydrolase

nylon-12 see nylon 12

nylon 12
(RN) 24937-16-4
(SY) polyamide 12
(SY) nylon-12
(SY) polyamide-12
(HM) *NYLONS
(II) ORTHOPEDIC FIXATION DEVICES

nylon-6 see nylon 6

nylon 6
(RN) 25038-54-4
(SY) caprolan
(SY) hexahydro-2H-azepin-2-one polyamide
(SY) perlon
(SY) metamid
(SY) polycaproamide
(SY) supramid extra
(SY) superpolymid
(SY) polymerized caprolactam
(SY) nylon-6
(SY) ampoxen
(HM) *CAPROLACTAM/analogs
(HM) *POLYMERS
(II) SUTURES
(II) SURGICAL MESH
(NO) osteoplastic polyamide plastic for use in bone surgery; structure

nylon 6-10
(HM) *NYLONS

Nyquil
(HM) *EPHEDRINE
(HM) *DOXYLAMINE
(HM) *PROMETHAZINE
(HM) *DEXTROMETHORPHAN
(HM) *ACETAMINOPHEN
(HM) DRUG COMBINATIONS
(II) DRUGS, NON-PRESCRIPTION
(NO) over-the-counter cold remedy; combination of the above in a 25% alcohol elixir

NY-3170 see NY 3170

NY 3170
(RN) 63331-26-0
(SY) 1-propargyl-5-chloropyrimidin-2-one
(SY) NY-3170
(HM) *PYRIMIDINONES
(NO) mitotic inhibitor

N 0164 see N-0164

N-0164
(RN) 60787-00-0
(SY) sodium 4-benzyl-4-(1-oxo-2-(4-chlorobenzyl)-3-phenylpropyl)phenyl phosphonate
(SY) N 0164
(HM) *ORGANOPHOSPHORUS COMPOUNDS
(PA) PROSTAGLANDIN ANTAGONISTS
(PA) THROMBOXANE SYNTHETASE/antag
(NO) RN given refers to Na salt; RN for parent cpd not in Chemline 7/11/83; structure

N 0434
(RN) 87857-27-0
(RR) 71787-90-1 (HCl)
(SY) N-0434
(SY) N 434
(SY) 2-(N-propyl-N-phenethylamino)-5-hydroxytetralin
(HM) *PHENETHYLAMINES
(II) RECEPTORS, DOPAMINE
(NO) potent, specific D2 dopamine receptor agonist; RN given refers to parent cpd

N-0434 see N 0434

N-0499 see 4-propyl-7-hydroxy-1,2,3,4a,5,6-hexahydronaphthoxazine

N 0499 see 4-propyl-7-hydroxy-1,2,3,4a,5,6-hexahydronaphthoxazine

N 0500 see 4-propyl-9-hydroxy-1,2,3,4a,5,6-hexahydronaphthoxazine

N-0500 see 4-propyl-9-hydroxy-1,2,3,4a,5,6-hexahydronaphthoxazine

N-137 see NED 137

N 137 see uracil permease

N 2 see N-2

N-2
(RN) 8068-83-5
(SY) Kalzinol
(SY) N 2
(HM) *EUGENOL
(HM) *ZINC OXIDE
(HM) DRUG COMBINATIONS
(II) DENTAL CEMENTS
(II) ROOT CANAL FILLING MATERIALS
(NO) root canal filling material containing 92% eugenol, rose oil & powder containing 72% zinc oxide; do not confuse with N2, synonym for ethyl nitrite spirit; also used as dental cement; RN in Chemline for Kalzinol (no MF): 56748-44-8; RN for zinc-eugenol cement (contains zinc octadecanoate, cottonseed oil, eugenol, rosin, zinc acetate & zinc oxide): 8027-50-7

N 434 see N 0434

N-5' see N-(3',4'-dimethoxycinnamoyl)anthranilic acid

N 5' see N-(3',4'-dimethoxycinnamoyl)anthranilic acid

N 696
(RN) 85136-71-6
(SY) N-696
(SY) 4-(3(tert-butylamino)-2-hydroxypropoxy)-N-methylisocarbostyril
(HM) *ISOQUINOLINES
(PA) ANTI-ARRHYTHMIA AGENTS
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS

N-696 see N 696

2-OA-dehydrogenase kinase see branched chain 2-oxoacid dehydrogenase kinase

OADERase see pppA(2'p5'A)n-dependent ribonuclease

OAH sulfhydrylase see O-acetylhomoserine (thiol)-lyase

oakmoss
(RN) 68917-10-2
(RR) 9000-50-4 (resinoid)
(SY) oakmoss, absolute
(HM) *PERFUME
(II) ALLERGENS

oakmoss, absolute see oakmoss

OA-Me2 see ochratoxin A-O-methyl, methyl ester

O9 antigen, E coli see O antigen, bacterial

OAP-Bleo
(HM) VINCRISTINE
(HM) CYTARABINE
(HM) PREDNISONE
(HM) BLEOMYCINS
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above 4 cpds

OAP protocol
(HM) CYTARABINE
(HM) VINCRISTINE
(HM) PREDNISONE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above 3 cpds

OAPUA see omega-(diazirinophenoxy)nonanoic acid

OA 6129A
(RN) 82475-11-4
(SY) OA-6129A
(SY) 1-Azabicyclo(3.2.0)hept-2-ene-2-carboxylic acid, 3-((2-((3-((2,4-dihydroxy-3,3-dimethyl-1-oxobutyl)amino)-1-oxopropyl)amino)ethyl)thio)-6-ethyl-7-oxo-, (5R-(3(R*),5alpha,6beta))-
(HM) *THIENAMYCINS
(NO) from Streptomyces sp. OA-6129; structure given in first source

OA-6129A see OA 6129A

OA 6129B(1)
(RN) 82510-13-2
(SY) OA-6129B(1)
(SY) OA 6129B(2)
(SY) OA-6129B(2)
(HM) *THIENAMYCINS
(NO) from Streptomyces sp. OA-6129; structure given in first source

OA-6129B(1) see OA 6129B(1)

OA 6129B(2) see OA 6129B(1)

OA-6129B(2) see OA 6129B(1)

OA 6129C
(RN) 82475-09-0
(SY) OA-6129C
(HM) *THIENAMYCINS
(NO) from Streptomyces sp. OA-6129; structure given in first source

OA-6129C see OA 6129C

OA 6129D
(SY) antibiotic OA-6129D
(SY) 6-(1-hydroxyethyl)-7-oxo-3-(pantetheinyl)-1-azabicyclo(3.2.0)heptane-2-carboxylic acid
(HM) *THIENAMYCINS
(NO) from Streptomyces sp. OA-6129; structure given in first source

OA 6129E
(SY) antibiotic OA-6129E
(SY) 6-(1-hydroxy-1-methyl)ethyl-7-oxo-3-(pantetheinyl)-1-azabicyclo(3.2.0)heptane-2- carboxylic acid
(HM) *THIENAMYCINS
(NO) from Streptomyces sp. OA-6129; structure given in first source

obafluorin
(HM) LACTONES
(PA) ANTIBIOTICS
(NO) from Pseudomonas fluorescens; structure given in first source

obelin
(HM) *LUMINESCENT PROTEINS
(NO) calcium-sensitive photoprotein obtained from the hydroid Obelia geniculata

obioactin
(HM) *ANTI-INFECTIVE AGENTS
(NO) enzyme hydrolyzed toxoplasma hyperimmune bovine serum preparation

obovatal
(RN) 83864-77-1
(SY) 3,4-dihydroxy-5-(4-allylphenoxy)cinnamic aldehyde
(HM) *PHENYL ETHERS
(PA) ANTI-INFECTIVE AGENTS
(II) PLANTS, MEDICINAL
(NO) from Magnolia obovata; structure given in first source

obovatol
(RN) 83864-78-2
(SY) 4',5-diallyl-2,3-dihydroxybiphenyl ether
(HM) *PHENYL ETHERS
(PA) ANTI-INFECTIVE AGENTS
(II) PLANTS, MEDICINAL
(NO) from Magnolis obovata; structure given in first source

cis-7-OBQ see N-n-propyl-7-hydroxyoctahydrobenzo(f)quinoline

trans-7-OBQ see N-n-propyl-7-hydroxyoctahydrobenzo(f)quinoline

obsidian
(RN) 12244-39-2
(HM) *GLASS
(NO) volcanic glass from molten lava; used in surgical blades

obsilazin
(SY) obsilazine
(HM) *PROPRANOLOL
(HM) *DIHYDRALAZINE
(HM) DRUG COMBINATIONS
(PA) ANTIHYPERTENSIVE AGENTS
(NO) combination of above cpds; used in therapy of hypertension

obsilazine see obsilazin

OBTS see N-oxydiethylene-2-benzothiazole sulfenamide

obtusaquinone
(RN) 62745-67-9
(RR) 21105-15-7 ((E,E)-isomer)
(HM) *CYCLOHEXANONES
(II) ALLERGENS
(NO) RN given refers to cpd without isomeric designation; structure given in first source

M-2-OB see N-nitrosomethyl(2-oxobutyl)amine

M-3-OB see N-nitrosomethyl(3-oxobutyl)amine

ocaphane
(RN) 3734-80-3
(RR) 2185-98-0 (di-HCl)
(SY) AT-581
(HM) MELPHALAN/*analogs
(PA) ANTINEOPLASTIC AGENTS
(NO) RN given refers to parent cpd; structure

OCB-BGG see 2-chlorobenzoyl-bovine gamma globulin

ochratoxin A
(RN) 303-47-9
(HM) *OCHRATOXINS
(NO) structure in first source & in Merck, 9th ed, #6549

ochratoxin B
(RN) 4825-86-9
(HM) *OCHRATOXINS
(NO) structure given in first source

ochratoxin C
(RN) 4865-85-4
(HM) *OCHRATOXINS
(NO) converted into ochratoxin A in vivo; RN given refers to (R)-isomer; RN for cpd without isomeric designation not in Chemline 10/84

ochratoxin A-O-methyl, methyl ester
(RN) 4825-87-0
(SY) OA-Me2
(HM) *OCHRATOXINS
(NO) structure given in first source

3 oC-hydroxysteroid dehydrogenase see 5 alpha-3 alpha-hydroxysteroid dehydrogenase

2-OCMPP see 2-(4-((2-oxocyclohexylidene)methyl)phenyl)propionic acid

2-OCPPP see loxoprofen

ocrase
(RN) EC 3.4.-
(HM) *PEPTIDE HYDROLASES
(NO) thrombolytic enzyme from Aspergillus; combines with heparin to form a thrombolytic agent

octaacetyl sucrose see sucrose octaacetate

octabromobiphenyl
(RN) 67889-00-3
(RR) 27858-07-7 (cpd with unspecified bromine locants)
(HM) *POLYBROMOBIPHENYL COMPOUNDS
(II) FLAME RETARDANTS
(NO) fire retardant; RN given refers to cpd with bromine locants in positions 2,2',3,3',4,4',5,5'

octacalcium phosphate
(RN) 13767-12-9
(RR) 14096-86-7 (Ca-3/4H3PO4-5/8H2O)
(HM) *CALCIUM PHOSPHATES
(NO) RN given refers to cpd with MF of Ca4-(H3PO4)3; see also record for synthos (beta-tricalcium phosphate) & calcium phosphate

octacarboxylate iron-tetrahydroporphyria see siroheme

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octachloro-2-phenoxyphenol
(RN) 84170-14-9
(SY) 3,4,5,6-tetrachloro-2-(2,3,4,5-tetrachlorophenoxy)phenol
(HM) *PHENYL ETHERS
(NO) RN given refers to cpd with chlorine locants in positions 3,4,5,6; structure given in first source

octachlorostyrene
(RN) 29082-74-4
(HM) *STYRENES

1-octacosanol
(RN) 557-61-9
(RR) 67905-27-5 (Al[1:3]salt)
(HM) *FATTY ALCOHOLS
(PA) ANTIPARKINSON AGENTS
(NO) RN given refers to parent cpd

octadecadienoic acid
(RN) 26764-25-0
(HM) *FATTY ACIDS, UNSATURATED
(NO) location of unsaturation not specified

trans,trans-9,12-octadecadienoic acid see linoleic acid

9-trans,12-trans-octadecadienoic acid see linoleic acid

9,12-octadecadienoic acid see linoleic acid

octadecane
(RN) 593-45-3
(RR) 27963-64-0 (14C-labeled cpd)
(RR) 4391-54-2 (1-(14)C-labeled cpd)
(HM) *ALKANES
(NO) RN given refers to parent cpd

octadecanoic acid see stearic acid

octadecasilyl-silica
(HM) SILICA/*analogs
(NO) used as a solid phase for high-pressure liquid chromatography

octadecatetraenoic acid see parinaric acid

5,9,12-octadecatrienoic acid
(RN) 13237-97-3
(RR) 16833-54-8 ((cis)-isomer)
(RR) 2441-53-4 ((Z,Z,E)-isomer)
(SY) trans-5,9,12-octadecatrienoic acid
(SY) columbinic acid
(HM) *LINOLENIC ACIDS
(II) ISOMERISM
(NO) RN given refers to cpd without isomeric designation; structure in first source

trans-5,9,12-octadecatrienoic acid see 5,9,12-octadecatrienoic acid

6,9,12-octadecatrienoic acid see gamma-linolenic acid

trans-12-octadecenoic acid see 12-octadecenoic acid

12-octadecenoic acid
(RN) 7378-88-3
(RR) 13126-37-9 ((cis)-isomer)
(RR) 13126-38-0 ((trans)-isomer)
(RR) 56338-66-0 (Na salt(Z)-isomer)
(SY) cis-12-octadecenoic acid
(SY) trans-12-octadecenoic acid
(HM) *OLEIC ACIDS
(II) ISOMERISM
(NO) RN given refers to cpd without isomeric designation

cis-12-octadecenoic acid see 12-octadecenoic acid

13-octadecenoic acid
(RN) 13126-39-1
(RR) 693-71-0 ((E)-isomer)
(RR) 56338-67-1 (Na salt(Z)-isomer)
(HM) *OLEIC ACIDS
(NO) RN given refers to (Z)-isomer; RN for cpd without isomeric designation not in Chemline 7/29/83

cis-9-octadecen-1-ol see oleyl alcohol

11-octadecenoyl alcohol
(RN) 62972-93-4
(RR) 26446-12-8 (cpd with unspecified locants for unsaturation)
(SY) vaccenoyl alcohol
(SY) cis-vaccenoyl alcohol
(HM) *FATTY ACIDS, UNSATURATED
(NO) RN given refers to (Z)-isomer; RN for cpd without isomeric designation not in Chemline 4/85

1-O-octadecyl 2-O-acetyl sn-glycero-3- phosphorylcholine see PAF-acether, synthetic

octadecyl-AGPC see PAF-acether, synthetic

octadecylamine see stearylamine

n-octadecyl beta-(3',5'-di-tert-butyl-4'-hydroxyphenyl)propionate see Irganox 1076

3-(N-n-octadecylcarbamoyloxy)-2-methoxypropyl-2-thiazolinium ethyl phosphate see CV 3988

1-O-octadecylglycerol see batyl alcohol

1-octadecyl-glycero-3-phosphocholine see stearoyl alpha-lysolecithin

N(1')-octadecylindirubin
(RN) 87496-48-8
(SY) antibiotic 79005
(SY) antibiotic-79005
(HM) INDOLES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) structure given in first source

1-octadecyl-2-methoxyglycero-3-phosphorylcholine see 1-octadecyl-2-methylglycero-3-phosphocholine

1-octadecyl-2-methoxy-sn-glycero-3-phosphorylcholine see 1-octadecyl-2-methylglycero-3-phosphocholine

1-octadecyl-2-methylglycero-3-phosphocholine
(RN) 65492-82-2
(RR) 77286-66-9 ((R)-isomer)
(RR) 70641-51-9 ((+)-isomer)
(SY) 1-octadecyl-2-methyl-sn-glycero-3-phosphocholine
(SY) ET-18-OCH(3)
(SY) ET-18-)CH3
(SY) 1-octadecyl-2-methoxyglycero-3-phosphorylcholine
(SY) 1-octadecyl-2-methoxy-sn-glycero-3-phosphorylcholine
(HM) *LYSOPHOSPHATIDYLCHOLINES
(PA) ANTINEOPLASTIC AGENTS
(NO) RN given refers to hydroxide inner salt; RN for parent cpd not in Chemline 7/83

1-octadecyl-2-methyl-sn-glycero-3-phosphocholine see 1-octadecyl-2-methylglycero-3-phosphocholine

octadecyl PAF see PAF-acether, synthetic

octadecyl polyoxyethylene ether
(RN) 9005-00-9
(RR) 69980-59-4 (PO4.Na salt)
(RR) 66020-37-9 (PO4.K salt)
(SY) polyoxyethylene octadecyl ether
(SY) POEODE
(HM) *POLYETHYLENE GLYCOLS
(II) DETERGENTS
(II) SURFACE-ACTIVE AGENTS
(NO) RN given refers to parent cpd

octadecyl Rhodamine B chloride
(RN) 65603-19-2
(SY) ORBC
(HM) *RHODAMINES
(II) FLUORESCENT DYES
(NO) RN & structure given in first source; RN not in Chemline 3/85

octadecylsilane
(RN) 18623-11-5
(HM) *SILANES

octadecyl silane-bonded silica see Sep-Pak C18

octadecylsilica
(HM) *SILICA

octadecylsilyl silica
(HM) *SILICA

octaethyleneglycol monododecyl ether see dodecyloctaethyleneglycol monoether

octaethylverdohaemochrome see octaethylverdohemochrome

octaethylverdohemochrome
(SY) octaethylverdohaemochrome
(HM) *BILE PIGMENTS

octafluorocyclobutane see Freon C-318

octafluoropropane
(RN) 76-19-7
(SY) perfluoropropane
(HM) *FLUOROCARBONS

1,1,1,3,3,4,4,4-octafluoro-2-(trifluoromethyl)-2- butanol see CCRL 583

1,2,3,4,4a,5,10,10a-octahydro-5,10(1',2')-benzenobenz(g)isoquinoline
(RN) 90269-36-6
(RR) 90269-37-7 (HCl)
(SY) OHBBI
(HM) *ISOQUINOLINES
(PA) ANTIDEPRESSIVE AGENTS
(NO) RN & structure given in first source; RN given refers to parent cpd; RN not in Chemline 9/84

octahydro-5,8-dihydroxy-4,6,9,10- tetramethyl-6-vinyl-3a,9-propano-3aH-cyclopenta- cycloocten-1(4H)-one 8-glycolate see pleuromutilin

4b,5,6,7,8,8a,9,10-octahydro-3,10-dihydroxy-4b,8,8-trimethyl-2-(1-methylethyl)-1,4-phenanthrenedione see horminone

octahydro-exo-4,7-methano-1H-indene see JP 10

3a,4,5,6,7,8,9,9a-octahydro-3-(1-methyl-5-nitroimidazol-2-yl)cyclooct(d)isoxazole see L 611744

2,3,3a,4,5,6,7,7a-octahydro-3-oxoisoxazolo(5,4-c)pyridine
(RN) 96666-84-1
(SY) cis-DH-THIP
(HM) *ISOXAZOLES
(NO) RN given refers to cis-isomer; RN and structure given in first source

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4,4a,5,6,7,8,8a,9-octahydro-5-propyl-2H-pyrazolo-(3,4-g)quinoline see LY 141865

7,7',8,8',11,11',12,12'-octahydro-psi,psi-carotene see phytoene

1S-cis-octahydro-2H-quinolizine-1-methanol see lupinine

6,8,9,10,11,12,13,13a-octahydro-5H-7-thia-12a-azabenzo(f)naphth(1,2,3-c,d)azulene see QM 7184

1,4,4a,5,6,7,8,8a-octahydro-5,5,8a-trimethyl-1,2-naphthalenedicarboxaldehyde see pc'ygodial

3R,7R,11R,15S,18S,22R,26R,30R-octamethyldotriacontane-1,32-diol see 3,7,11,15,18,22,26,30-octamethyldotriacontane-1,32- diol

3,7,11,15,18,22,26,30-octamethyldotriacontane-1,32-diol

(SY) 3R,7R,11R,15S,18S,22R,26R,30R-octamethyldotriacontane-1,32-diol
(SY) OMDTC
(HM) *GLYCOLS
(NO) structural component of 72-membered-ring diglyceryl tetraether common to all archaebacterial species; structure given in first source

octamethylene bis(methanethiosulfonate)

(RN) 80981-48-2
(SY) OMBTS
(HM) *ALKYL SULFONATES
(II) CROSS LINKING REAGENTS
(NO) structure given in first source

octane

(RN) 111-65-9
(SY) n-octane
(HM) *OCTANES

n-octane see octane

1-octanesulfonate see 1-octanesulfonic acid

1-octanesulfonic acid

(RN) 3944-72-7
(RR) 5324-84-5 (Na salt)
(RR) 19475-81-1 (NH4 salt)
(SY) 1-octanesulfonate
(HM) *ALKYL SULFONATES
(PA) ANESTHETICS, LOCAL
(NO) RN given refers to parent cpd

octanoate see caprylic acid

octanohydrazide-sepharose 4B

(HM) SEPHAROSE/*analogs
(NO) hydrophobic gel derivative

octanohydroxamic acid

(RN) 7377-03-9
(RR) 66767-20-2 (3H-labeled cpd)
(SY) Taselin
(SY) caprylohydroxamic acid
(HM) *HYDROXAMIC ACIDS
(NO) used as ruminal urease inhibitor; structure; RN given refers to unlabeled parent cpd

octanoic acid see caprylic acid

n-octanol see 1-octanol

octanol dehydrogenase

(RN) EC 1.1.1.73
(RR) 9031-28-1 (CRN)
(HM) *ALCOHOL OXIDOREDUCTASES

1-octanol

(RN) 111-87-5
(RR) 3061-42-5 (Ti(4+) salt)
(RR) 14624-13-6 (Al salt)
(RR) 53463-72-2 (U(4+) salt)
(RR) 73020-76-5 ((18)O-labeled cpd)
(RR) 42415-06-5 (1-(14)C-labeled cpd)
(RR) 58454-26-5 (3-(14)C-labeled cpd)
(RR) 58454-18-5 (4-(14)C-labeled cpd)
(RR) 19402-66-5 (Li salt)
(RR) 56281-85-7 (K salt)
(RR) 17158-60-0 (Na salt)
(SY) n-octanol
(SY) n-octyl alcohol
(HM) *ALCOHOLS, OCTYL
(NO) RN given refers to parent cpd

2-octanone

(RN) 111-13-7
(HM) *KETONES

octanoylcarnitine

(RN) 3671-77-0
(RR) 54377-02-5 (chloride(R)-isomer)
(RR) 25243-95-2 ((R)-isomer)
(RR) 18822-86-1 (chloride(+-)-isomer)
(RR) 14919-35-8 (chloride)
(RR) 4469-11-8 ((+-)-isomer)
(HM) CARNITINE/*analogs
(NO) RN given refers to cpd without isomeric designation

octanoyl-CoA see octanoyl-coenzyme A

octanoyl CoA synthase see butyryl-CoA synthetase

octanoyl-coenzyme A

(RN) 1264-52-4
(SY) octanoyl-CoA
(SY) coenzyme A, octanoyl-
(HM) *ACYL COENZYME A

octanoylprimaquine

(RN) 81947-79-7
(HM) PRIMAQUINE/*analogs
(PA) ANTIMALARIALS
(NO) structure given in first source

octan-2-sulfate see octyl-2-sulfate

octapeptide-(D-Trp(8))-somatostatin see somatostatin, octapeptide(8-D-Trp)-

octapeptide(8-D-Trp)somatostatin see somatostatin, octapeptide(8-D-Trp)-

octapeptide (D-Trp(8))-SRIH see somatostatin, octapeptide(8-D-Trp)-

octapeptide(8-D-tryptophan)somatostatin see somatostatin, octapeptide(8-D-Trp)-

octapeptin see octapeptin antibiotics

octapeptin antibiotics

(RN) 39342-08-0
(RR) 50925-93-4 (tetra-HCl)
(RR) 50935-39-2 (octapeptin A1)
(RR) 50935-41-6 (octapeptin B1)
(RR) 61585-06-6 (octapeptin A3)
(RR) 61585-07-7 (octapeptin B3)
(RR) 61846-63-7 (octapeptin A2)
(RR) 61846-64-8 (octapeptin B2)
(RR) 71029-32-8 (octapeptin A4)
(RR) 71043-99-7 (octapeptin B4)
(SY) EM 49
(SY) octapeptin C
(SY) Antibiotic 333-25
(SY) octapeptin
(SY) octapeptin E
(SY) octapeptin D1
(SY) octapeptin D2
(SY) octapeptin D3
(SY) octapeptin D4
(SY) Bu-1880
(SY) Y-849r
(SY) octapeptin C1
(SY) Bu 2470
(SY) Bu 2470 A
(SY) Bu 2470 B1
(SY) Bu 2470 B2a
(SY) Bu 2470 B2b
(HM) OLIGOPEPTIDES
(HM) PEPTIDES, CYCLIC
(PA) ANTIBIOTICS
(NO) complex of cyclic, homodectic octapeptide antibiotics monoacylated with beta-hydroxy fatty acid residues; include above cpd, Bu-1880, 333-25, Y-849r; isolated from Bacillus circulans; RN given refers to octapeptin; structure for octapeptins D1, D2, D3, & D4 in 10th source; RN given refers to octapeptin with MF unknown

octapeptin C see octapeptin antibiotics

octapeptin C1 see octapeptin antibiotics

octapeptin D see octapeptin antibiotics

octapeptin D1 see octapeptin antibiotics

octapeptin D2 see octapeptin antibiotics

octapeptin D3 see octapeptin antibiotics

octapeptin D4 see octapeptin antibiotics

octapinol

(RN) 71138-71-1
(HM) *PIPERIDINES
(NO) structure in first source

2-octaprenyl phenol

(RN) 42187-47-3
(HM) *TERPENES
(NO) biosynthetic precursor of ubiquinone-8

1-octene

(RN) 111-66-0
(RR) 25377-83-7 (cpd with unspecified locants)
(HM) *ALKENES
(NO) RN given refers to parent cpd

octenidine

(RN) 71251-02-0
(RR) 70775-75-6 (HCl)
(SY) Win 41464-2
(SY) N,N'-(1,10-decanediyldi-1-(4H)-pyridinyl-4-ylidene)bis-(1-octamine) dihydrochloride
(HM) *PYRIDINES
(PA) ANTI-INFECTIVE AGENTS
(NO) RN from USAN; RN given refers to parent cpd; structure in first source

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1-octen-3-ol
(RN) 3391-86-4
(RR) 50999-79-6 ((+-)-isomer)
(RR) 3687-48-7 ((R)-isomer)
(HM) *ALCOHOLS, OCTYL
(II) FLAVORING AGENTS
(NO) main flavor component of mushrooms; RN given refers to cpd without isomeric designation

octestrol see benzestrol

octiphenol polyoxyethylene see Octoxynol

m-octopamine see norfenefrine

octopamine receptor see norsynephrine receptor

octopamine receptors see norsynephrine receptor

2-octopamine
(RN) 2234-25-5
(RR) 70080-69-2 ((+-)-isomer)
(RR) 71772-28-6 (HCl(R)-isomer)
(RR) 71772-29-7 (HCl(S)-isomer)
(SY) ortho-octopamine
(SY) alpha-(aminomethyl)-2-hydroxybenzenemethanol
(HM) *NORSYNEPHRINE
(II) ISOMERISM
(NO) RN given refers to cpd without isomeric designation

3-octopamine see norfenefrine

Octophene(2,4-dichlorobenzyl)-2(1,1,3,3-tetramethyl- butyl)-4-phenol see clofoctol

octopine
(RN) 34522-32-2
(SY) N'-(1-carboxyethyl)arginine
(HM) ARGININE/*analogs

octopine dehydrogenase
(RN) EC 1.5.1.11
(HM) *AMINO ACID OXIDOREDUCTASES

D-octopine dehydrogenase see octopine synthase

octopine synthase
(RN) EC 1.5.1.11
(SY) D-octopine dehydrogenase
(HM) *AMINE OXIDOREDUCTASES
(NO) catalyzes reductive condensation between pyruvate & arginine, lysine, histidine or ornithine to yield, respectively, octopine, lysopine, histopine or octopinic acid; NADPH is cofactor

Octoxynol
(RN) 9002-93-1
(RR) 9063-89-2 (cpd with unspecified octylphenoxy group locants)
(SY) polyethylene glycol 4-isooctylphenyl ether
(SY) octiphenol polyoxyethylene
(SY) octylphenoxy polyethoxyethanol
(SY) TX-100
(SY) Triton X 100
(SY) Triton X-100
(SY) octoxynol-9
(SY) Triton X-305
(HM) *POLYETHYLENE GLYCOLS
(II) DETERGENTS
(NO) RN given refers to parent cpd; octoxynol-40 refers to cpd with unspecified octylphenoxy group locants

octoxynol-9 see Octoxynol

octylagarose CL-4B see octyl-sepharose CL-4B

n-octyl alcohol see 1-octanol

octyl-alpha-D-glucoside see octyl-beta-D-glucoside

octylamine
(RN) 111-86-4
(RR) 142-95-0 (HCl)
(RR) 14846-47-0 (HBr)
(HM) *AMINES
(NO) RN given refers to 1-octylamine

1-O-n-octyl-beta-D-glucopyranoside see octyl-beta-D-glucoside

octyl-beta-D-glucoside
(RN) 29836-26-8
(RR) 29781-80-4 ((alpha)-isomer)
(SY) 1-O-n-octyl-beta-D-glucopyranoside
(SY) beta-octylglucopyranoside
(SY) octyl glucoside
(SY) beta-octyl-D-glucoside
(SY) octylglucoside
(SY) octyl-alpha-D-glucoside
(HM) *GLUCOSIDES
(II) DETERGENTS
(NO) RN given refers to (beta)-isomer; RN for cpd without isomeric designation not in Chemline 8/84

n-octyl-beta-D-thioglucopyranoside
(RN) 85618-21-9
(SY) octylthioglucoside
(HM) *THIOGLUCOSIDES
(II) DETERGENTS
(NO) new non-ionic detergent that is more stable than n-octyl-beta-D-glucopyranoside

octyl gallate
(RN) 1034-01-1
(HM) GALLIC ACID/*analogs

octylglucoside see octyl-beta-D-glucoside

octyl glucoside see octyl-beta-D-glucoside

N-(N-octyl)glutarimide
(RN) 80751-38-8
(HM) *PIPERIDONES
(PA) MUTAGENS
(II) INSECT REPELLENTS

octylguanidine
(RN) 3038-42-4
(RR) 21409-35-8 (sulfate[2:1])
(RR) 1191-56-6 (unspecified sulfate)
(HM) *GUANIDINES
(NO) RN given refers to parent cpd

2-octyl-3-isothiazoline see 2-n-octyl-4-isothiazolin-3-one

2-n-octyl-4-isothiazolin-3-one
(RN) 26530-20-1
(RR) 68480-30-8 (HCl)
(SY) 2-octyl-3-isothiazoline
(HM) *THIAZOLES
(PA) FUNGICIDES, INDUSTRIAL
(NO) RN given refers to parent cpd

octylonium
(RN) 26095-59-0
(RR) 26095-58-9 (iodide)
(SY) N-diethylmethylammoniummethyl-p-(2-(N-octyloxy) benzoyl)aminobenzoate bromide
(SY) otilonium bromide
(SY) spasmomen
(SY) octylonium bromide
(HM) *AMMONIUM COMPOUNDS
(PA) PARASYMPATHOLYTICS
(NO) RN given refers to bromide; RN for parent cpd not in Chemline 7/11/83; structure

octylonium bromide see octylonium

n-octyl(oxyethylene)(3)ethanol
(SY) (OOE)3E
(HM) *POLYETHYLENE GLYCOLS
(NO) caused an increase in single-channel lifetime of gramicidin

octylphenoxy polyethoxyethanol see Octoxynol

octyl-sepharose see octyl-sepharose CL-4B

octylsepharose CL-4B see octyl-sepharose CL-4B

octyl-sepharose CL-4B
(RN) 69106-60-1
(SY) octylagarose CL-4B
(SY) octylsepharose CL-4B
(SY) octyl-sepharose
(HM) SEPHAROSE/*analogs

octylsilane
(RN) 871-92-1
(HM) *SILANES

octylsparsomycin
(RN) 88001-59-6
(HM) *SPARSOMYCIN/analogs
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) three times as effective as sparsomycin; RN given from first source; RN not in Chemline 4/84

octyl-2-sulfate
(RN) 64226-59-1
(SY) potassium octan-2-sulfate
(SY) octan-2-sulfate
(HM) *OCTANES
(NO) RN refers to Na salt; RN for parent cpd not in Chemline 7/11/83

octylthioglucoside see n-octyl-beta-D-thioglucopyranoside

octyltrimethylammonium
(RN) 15461-38-8
(RR) 14251-76-4 (iodide)
(RR) 10108-86-8 (chloride)
(RR) 2083-68-3 (bromide)
(SY) trimethyloctylammonium
(HM) *AMMONIUM COMPOUNDS
(PA) ANESTHETICS, LOCAL
(NO) RN given refers to parent cpd

1-octyne
(RN) 629-05-0
(RR) 32073-03-3 (cpd with unspecified triple bond locant)
(SY) oct-1-yne
(HM) *ALKYNES

oct-1-yne see 1-octyne

OC-340 see vinconate

OC 340 see vinconate

ODAP see oxalyldiaminopropionic acid

ODA-914 see deaminooxytocin

ODC antizyme see ornithine decarboxylase antizyme

ODC antizyme inhibitor see ornithine decarboxylase antizyme inhibitor

ODC inhibitor see ornithine decarboxylase antizyme

ODMP see O-desmethylmethoxyphenamine

11-ODOC see delta(1)-11-oxa-11-deoxycortisol

odorant-binding protein
(SY) 2-isobutyl-3-methoxypyrazine-binding protein
(SY) pyrazine-binding protein
(HM) *CARRIER PROTEINS
(II) RECEPTORS, SENSORY
(II) ODORS
(II) OLFACTORY MUCOSA
(II) PYRAZINES
(NO) from cow olfactory mucosa; binds 'green' smelling odorants such as 2-isobutyl-3-methoxypyrazine

ODT8-SS see somatostatin, octapeptide(8-D-Trp)-

oenanthotoxin see enanthotoxin

OEP endotoxin see protein-rich endotoxin

oestradiol-17beta-glucuronide see estradiol-17 beta-glucuronide

oestriol-16alpha-glucuronide see estriol-16 alpha-(beta-D-glucuronide)

oestriol glucuronide see estriol glucuronide

Oestrogynaedron see diethylstilbestrol dipropionate

Oestro-Gynaedron see diethylstilbestrol dipropionate

oestrone sulphate see estrone sulfate

OETEDG see O(6)-ethylthioethyldeoxyguanosine

OETX see enanthotoxin

OFA-I see oncofetal antigens

OFA-I-1 see oncofetal antigens

ofloxacin see DL 8280

oftanol see isofenphos

ofunack see pyridafenthion

oganomycin A see oganomycins

oganomycin B see oganomycins

oganomycin F see oganomycins

oganomycin G see oganomycins

oganomycin GA see oganomycins

oganomycin GB see oganomycins

oganomycin GF see oganomycins

oganomycin GG see oganomycins

oganomycin GH see oganomycins

oganomycin GI see oganomycins

oganomycin H see oganomycins

oganomycin I see oganomycins

oganomycins
(RN) 76822-80-5
(SY) oganomycin G
(SY) oganomycin F
(SY) oganomycin H
(SY) oganomycin I
(SY) oganomycin GG
(SY) oganomycin GF
(SY) oganomycin GH
(SY) oganomycin GI
(SY) oganomycin A
(SY) oganomycin GA
(SY) oganomycin GB
(SY) oganomycin B
(HM) *CEPHAMYCINS
(NO) structures of oganomycins G,F,H,I,GG,GF,GH & GI in first source; structures of oganomycins A,B,GA,GB in second source

Ogawa O-antigen see O antigen, bacterial

O2- generating oxidase, NADPH-dependent see superoxide-forming enzyme

OH- see hydroxide ion

OHA see DoVA

N-OH-AAF N-O-acyltransferase see N-hydroxy-2-acetylaminofluorene N-O-acyltransferase

N-OH-AAN see N-hydroxy-N-2-naphthalenylacetamide

3(S)-OH-16-Ac-1(R),11(S),12(R)-dolabell-4(E),8(E),18-triene see 3-hydroxy-16-acetoxy-1,11,12-dolabell-4,8,18-triene

18-OHA see 18-hydroxy-4-androstene-3,17-dione

9-OH-BaP-4,5-oxide see 9-hydroxybenzo(a)pyrene-4,5-epoxide

OHBBI see 1,2,3,4,4a,5,10,10a-octahydro-5,10(1',2')-benzenobenz(g)isoquinoline

4-OH-BHPO see 4-hydroxy-6-((1-butyl)heptyl)-2H-pyran-2-one

1,25-(OH)2D3 binding protein see 1,25-dihydroxycholecalciferol receptor

2,3-OHBP oxygenase see 2,3-dihydroxybiphenyl oxygenase

4-OHB-PP-transferase see 4-hydroxybenzoate polyprenyltransferase

OHBPSO see 6-(1-hydroxy)benzylpenicillanic acid S,S-dioxide

3-OH-BP see 3-hydroxybenzo(a)pyrene

10-OH-carbazepine see GP 47779

18-OHC dehydrogenase see 18-hydroxycorticosterone dehydrogenase

2-OH-Cl-7-DPE see 2-hydroxy-2',3',4,4',5,5',6'-heptachlorodiphenyl ether

OHCOS see 3-hydroxy-5-cholen-24-oic acid 3-sulfate ester

15-OHCPA see 15-hydroxycyproterone acetate

17-OHCPA see 17-hydroxycyproterone acetate

6-OHDA see 6-hydroxydopamine

12-OHDD see 12-hydroxyandrosta-1,4-diene-3,17-dione

25-OH-DF-D3 see 1 alpha-25-hydroxy-23,23-difluorovitamine D3

8-OH-dG see 8-hydroxy-2'-deoxyguanosine

1,24-OH-22-DH-D3 see 1,24-dihydroxy-22-dehydrovitamin D3

OHDIBP see 6-(4-hydroxy-3,5-diiodobenzamido)penicilloic acid

19-OH-diMe-PGE2 see 19-hydroxy-16,16-dimethylprostaglandin E2

OHDIP see 4-hydroxy-3,5-diiodophenylacetic acid

25-OHD(3)-26,23-lactone see calcifediol lactone

OH-DMABP see N-hydroxy-3,2'-dimethyl-4-aminobiphenyl

OHDMB-cobamide see (2-hydroxy-5,6-dimethylbenzimidazolyl)cobamide

2-OH-DMI see 2-hydroxydesipramine

5-OH-dopa see 5-hydroxydopa

8-OH-DPAT see 8-hydroxy-2-(di-n-propylamino)tetralin

1,25,26-OHD3 see 1,25,26-trihydroxyvitamin D3

25-OHD see 25-hydroxyergocalciferol

7-OHD see 7-oxabicyclo(2.2.1)-5-heptene-2,3-dicarboxylic anhydride

OHECMN see N-(2-hydroxyethyl)-N-carboxymethylnitrosamine

12-OH-EGB see 12-hydroxy-E-gamma-bisabolene

N-OH-FP see N-hydroxy-N-formyl-4-phenetidine

N-OH-A-Glu-P3 see 3-N-acetylhydroxyamino-4,6-dimethyldipyrido(1,2-a-3',2'-d)imidazole

3-OHHQ see 3-hydroxyhydroquinidine

1-OH-D3 25-hydroxylase see 1-hydroxyvitamin D3 25-hydroxylase

3-OH L-kynurenine O beta-glucoside see hydroxykynurenine glucoside

15-OH-LTC3 see 15-hydroxy-delta-13-leukotriene C3

8-OHMA see 8-hydroxy-N-methylaporphine

4-OHMBA-10,11 see 4-hydroxymethylbenz(a)anthracene-10,11-dihydrodiol

4-OHMBA-8,9 see 4-hydroxymethylbenz(a)anthracene-8,9-dihydrodiol

OH-MBOCA see 5-hydroxy-3,3'-dichloro-4,4'-diaminodiphenylmethane-5-sulfate

1-OH-MDZ see 1-hydroxymethylmidazolam

4-OH-MDZ see 4-hydroxymidazolam

6-OHMEA see N(6)-hydroxymethyladenosine

OHME-DAB see 3'-hydroxymethyl-4-(dimethylamino)azobenzene

5-OH-7-Me-DBC see 5-hydroxy-N-methyl-7H-dibenzo(c,g)carbazole

7-OH-Me-DBC see N-hydroxymethyl-7H-dibenzo(c,g)carbazole

ohmefentanyl see F 7302

9-OH-2-MEOL see 9-hydroxy-2-methylolivacinium

7-OH-methotrexate see 7-hydroxymethotrexate

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9-OH-MIQ see 9-hydroxy-3-methylimidazo(4,5-f)quinoline

6-OH-ML-236B see 6-hydroxy-isocompactin

6-OH-MTHBC see 6-hydroxy-1-methyltryptoline

5-OHNAT see 5-hydroxy-N-acetyltryptophan

OHNBT see 1-hydroxy-6-nitrobenzotriazole

2-OHNHM see 2-hydroxyaminomisonidazole

18-OH-19-norDOC see
18-hydroxy-19-nordeoxycorticosterone

OHNPDTE see
3-hydroxy-17-(4-nitrophenyldithio)-1,3,5(10)- estratriene

OH OPC(ME)-K see SC 27169

12-OHOPC see
12-hydroxy-3-oxo-1,4-pregnadiene-20-carboxylic acid

5-OH-PAP see
2,6-diamino-5-hydroxy-3-(phenylazo)pyridine

4-OH-PB see 4-hydroxypenbutolol

4-OHPB see 4'-hydroxypentobarbitone

14-OH-PDD see 14-hydroxypregna-1,4-diene-3,20-dione

oHPE see 2-hydroxyphenylethanol

19-OH PGE see 19-hydroxyprostaglandin E

19-OH PGF see 19-hydroxyprostaglandin F

5-OH-PGX see 5-hydroxyprostaglandin I

8-OHPNA see 8-hydroxy-N-n-propylnoraporphine

17-OH-Polone see 17-hydroxypregnanolone

25(OH)D3-POL see 25-hydroxyvitamin
D3-26,23-peroxylactone

4-OH-5-PPB hydroxylase see
4-hydroxy-5-polyprenylbenzoate hydroxylase

3,4-OH-5-PPB-O-Me-transferase see
S-adenosylmethionine-3,4-dihydroxy-5-
polyprenylbenzoate-O-methyltransferase

3-OHPP see 3-(4-hydroxyphenyl)-1-propane

OH-psi-DES see 1-hydroxypseudodiethylstilbestrol

21-A-17-OHP see 21-amino-17-hydroxyprogesterone

3 OHsteroid dehydrogenase-isomerase see 3
beta-hydroxysteroid oxidoreductase-delta(5) 3- ketosteroid
isomerase

8-OHTHC see 8
beta-hydroxy-delta(9)-tetrahydrocannabinol

20-OH-TMS see
20-((2-trimethylsilyl)ethyl)pregn-5-en-3,20-diol

N-OH-Trp-P-2 see
3-hydroxyamino-1-methyl-5H-pyrido(4,3-b)indole

4-OH-6-UP see 4-hydroxy-6-undecyl-2H-pyran-2-one

23,23-F2-OH-D3 see 23,23-difluoro-25-hydroxyvitamin D3

2-5-OIAS see (2'-5')oligo-isoadenylate synthetase

oidiomycin
(RN) 78355-47-2
(HM) *ANTIBIOTICS, ANTIFUNGAL

2-OIEA see 2-(2-oxo-4-imidazolin-4-yl)ethylamine

oil of pimenta
(RN) 8006-77-7
(SY) pimenta oil
(HM) *OILS, VOLATILE
(II) PLANT EXTRACTS
(II) ROOT CANAL IRRIGANTS

oil red O
(RN) 1320-06-5
(HM) *AZO COMPOUNDS
(II) DYES

oil shale
(HM) *SILICA
(II) FUEL OILS
(NO) silica & petroleum containing rock

O2-independent PMN protein see oxygen-independent antimicrobial granule protein

OIPMNP see oxygen-independent antimicrobial granule protein

OIPPDA see omega-(4-iodophenyl)pentadecanoic acid

Okazaki fragments
(HM) *DNA
(II) DNA, VIRAL
(II) DNA REPLICATION
(NO) DNA replication intermediates with 100-200 bases; found on replicating SV 40 virus

OKB monoclonal antibodies
(SY) OKB1
(SY) OKB2
(SY) OKB4
(SY) OKB7
(HM) *ANTIBODIES, MONOCLONAL
(NO) monoclonal antibodies reactive with human B lymphocytes

OKB1 see OKB monoclonal antibodies

OKB2 see OKB monoclonal antibodies

OKB4 see OKB monoclonal antibodies

OKB7 see OKB monoclonal antibodies

OKM antigens
(SY) OKM1
(SY) OKM3
(SY) OKM5
(SY) OKM6
(SY) OKM8
(SY) OKM9
(SY) OKM10
(HM) *ANTIGENS, SURFACE
(II) MONOCYTES/immunol
(II) CELL DIFFERENTIATION
(NO) monocyte markers

OKM1 see OKM antigens

OKM10 see OKM antigens

OKM3 see OKM antigens

OKM5 see OKM antigens

OKM6 see OKM antigens

OKM8 see OKM antigens

OKM9 see OKM antigens

oksolin see oxoline

OKT8 antibodies see OKT monoclonal antibodies

OKT monoclonal antibodies
(SY) OKT3.PAN
(SY) OKT3 monoclonal antibody
(SY) OKT 9 monoclonal antibodies
(SY) anti T-6
(SY) OKT 6-ortho
(SY) OKT8 antibodies
(SY) monoclonal antibody OKT9
(SY) OKT4 monoclonal antibodies
(SY) OKT1 monoclonal antibodies
(SY) Leu-1 antibody
(HM) *ANTIBODIES, MONOCLONAL
(NO) monoclonal mouse antibody against human T lymphocytes used to measure peripheral T lymphocytes; see also record for monoclonal antibodies

OKT1 monoclonal antibodies see OKT monoclonal antibodies

OKT4 monoclonal antibodies see OKT monoclonal antibodies

OKT 9 monoclonal antibodies see OKT monoclonal antibodies

OKT3 monoclonal antibody see OKT monoclonal antibodies

OKT 6-ortho see OKT monoclonal antibodies

OKT3.PAN see OKT monoclonal antibodies

OKY 075 see 1-carboxyheptylimidazole

OKY-046 see OKY 046

OKY 046
(RN) 82571-53-7
(RR) 78712-43-3 (mono-HCl(E)-isomer)
(RR) 74003-18-2 (mono-HCl)
(SY) 3-(4-(1H-imidazol-1-ylmethyl)phenyl)-2-propenoic acid
(SY) OKY-046
(HM) *METHACRYLATES
(PA) THROMBOXANE SYNTHETASE/antag
(NO) RN given refers to (E)-isomer; RN for cpd without isomeric designation not in Chemline 8/84

OKY 1555 see OKY 1581

OKY 1580 see OKY 1581

OKY-1581 see OKY 1581

OKY 1581
(RN) 75987-08-5
(RR) 75987-18-7 (Na salt(E)-isomer)
(RR) 74427-50-2 (HCl with unspecified isomeric designation)
(SY) sodium (E)-3-(4-(3-pyridylmethyl)phenyl)-2-methylacrylate
(SY) OKY 1555
(SY) (E)-3-(4-(3-pyridlymethyl)phenyl)-2-methylacrylic acid
(SY) 2-methyl-3-(4-(3-pyridinylmethyl)phenyl))-2-propenoic acid
(SY) beta-(4-(2-carboxy-1-propenyl)benzyl)pyridine
(SY) OKY 1580
(SY) OKY-1581
(SY) 3-(4-(3-pyridylmethyl)phenyl)-2-methyl-2-propenoic acid
(SY) 2-propenoic acid, 2-methyl-3-(4-(3-pyridinylmethyl)phenyl)-, hydrochloride
(HM) *METHACRYLATES
(PA) THROMBOXANE SYNTHETASE/antag
(NO) RN given refers to (E)-isomer; RN for cpd without isomeric designation not in Chemline 7/11/83

olaquindox
(RN) 23696-28-8
(SY) 2-(N-2'-hydroxyethylcarbamoyl)-3-methylquinoxaline- di-N-oxide
(SY) Bay VA 9391
(SY) Bayo-N-Ox
(HM) *QUINOXALINES
(NO) used in prevention of swine dysentary; growth promoting additive in pig feed; structure

Oleadil see cloxazolam

oleamidopropyl dimethylamine see N-(3-(dimethylamino)propyl)oleamide

Olean-12-en-29-oic acid, 3-(3-carboxy-1-oxopropoxy)-11-oxo-, disodium salt, (3beta,20beta)-, mixt. with aluminum hydroxide (AlOH3), silicic acid (H2Si3O7) magnesium salt (1:1) and sodium hydrogen carbonate see pyrogastrone

Olean-12-en-29-oic acid, 3-(3-carboxy-1-oxopropoxy)-11-oxo-, disodium salt, (3beta,20beta)-, mixt. with aluminum hydroxide, silicic acid (H2Si3O7) magnesium salt (1:1) and sodium hydrogen carbonate see pyrogastrone

oleate see oleic acid

oleate desaturase see oleoyl phosphatidylcholine desaturase

oleficin
(RN) 12764-54-4
(HM) POLYENES
(PA) ANTIBIOTICS
(NO) structure

oleflavit
(HM) *OLEANDOMYCIN
(HM) *FLAVONES
(HM) DRUG COMBINATIONS
(NO) Bulgarian combination of oleandomycin & peflavit (pentahydroxyflavone) used in therapy of periodontal abscess

oleic acid
(RN) 112-80-1
(SY) oleate
(HM) *OLEIC ACIDS
(NO) more than 12 salts and isomers of cpd available in Chemline

oleic acid, 2-aminoethyl ester see ethanolamine oleate

oleic acid anilide see oleoylanilide

oleic acid monoglyceride see monoolein

oleoanilide
(HM) *ACETANILIDES
(NO) product formed by reaction of acetanilide with fatty acids producing strong double a=a radical bonds; found in adulterated rapeseed oil denatured with aniline & acetanilide causing toxic allergic syndrome; do not confuse with oleoylanilide

Oleol see oleyl alcohol

oleomorphocycline
(RN) 18353-77-0
(SY) medexport
(HM) *MORPHOCYCLINE
(HM) *OLEANDOMYCIN
(HM) DRUG COMBINATIONS
(NO) combination of oleandomycin & morphocycline

oleoresins
(HM) *PLANT EXTRACTS
(NO) included various plants, no poison ivy; cpd not in Chemline 7/11/83; RN in Chemline for oleoresin vanilla: 8023-78-7; RN for oleoresin orris: 8023-76-5; RN for ginger oleoresin: 8002-60-6; RN for pepper oleoresin: 8002-56-0; RN for copaiba oleoresin: 8001-61-4; RN for oleoresin capsicum: 8023-77-6

1-oleoyl-2-acetylglycerol
(RN) 86390-77-4
(SY) 1-oleoyl-2-acetyl-glycerol
(HM) *DIGLYCERIDES

1-oleoyl-2-acetyl-glycerol see 1-oleoyl-2-acetylglycerol

oleoyl-ACP-thioesterase see acyl-acyl carrier protein thioesterase

oleoylanilide
(RN) 5429-85-6
(SY) oleic acid anilide
(SY) oleylanilide
(HM) *ANILIDES
(HM) *OLEIC ACIDS
(NO) alters lipid metabolism of lung & adipose tissue; do not confuse with oleoanilide; RN given refers to (Z)-isomer; RN for cpd without isomeric designation not in Chemline 8/83

oleoyl-CoA see oleoyl-coenzyme A

oleoyl CoA see oleoyl-coenzyme A

oleoyl-CoA thioesterase see acyl-CoA hydrolase

oleoyl-coenzyme A
(RN) 1716-06-9
(RR) 4752-14-1 ((E)-isomer)
(SY) oleoyl CoA
(SY) oleoyl-CoA
(SY) coenzyme A, oleoyl-
(SY) oleyl-CoA
(SY) oleyl-coenzyme A
(HM) *ACYL COENZYMES A
(NO) RN given refers to (Z)-isomer; RN for cpd without isomeric designation not in Chemline 8/84

oleoylimidazolide
(RN) 64833-92-7
(SY) oleoyl imidazolide
(HM) *IMIDAZOLES

oleoyl imidazolide see oleoylimidazolide

1-oleoyl-lysophosphatidic acid see monooleylphosphatidic acid

N-oleoylmethionine
(RN) 38665-30-4
(SY) N-oleyl-DL-methionine
(HM) METHIONINE/*analogs

1-oleoyl monoglyceride see monoolein

oleoyl phosphatidylcholine desaturase
(RN) EC 1.14.99.-
(SY) dioleoyl phosphatidylcholine desaturase
(SY) OPC desaturase
(SY) oleate desaturase
(HM) *FATTY ACID DESATURASES

oletetrin
(RN) 8048-44-0
(HM) *OLEANDOMYCIN
(HM) *TETRACYCLINE
(HM) DRUG COMBINATIONS

oleyl alcohol
(RN) 593-47-5
(RR) 143-28-2 ((Z)-isomer)
(SY) Oleol
(SY) cis-9-octadecen-1-ol
(HM) *FATTY ALCOHOLS
(II) DETERGENTS
(NO) structure; RN given refers to cpd without isomeric designation

oleylanilide see oleoylanilide

oleyl-CoA see oleoyl-coenzyme A

oleyl-coenzyme A see oleoyl-coenzyme A

N-oleyl-DL-methionine see N-oleoylmethionine

olfactory marker protein
(HM) *NERVE TISSUE PROTEINS
(NO) appears during differentiation of olfactory sensory neurons in mice

oligo(A) see 2',5'-oligoadenylate

2',5'-oligo(A)-activated endoribonuclease see pppA(2'p5'A)n-dependent ribonuclease

oligoadenylate see 2',5'-oligoadenylate

2',5'-oligoadenylate-cellulose
(SY) 2-5A-cellulose
(HM) CELLULOSE/*analogs
(II) OLIGONUCLEOTIDES

2',5'-oligoadenylate cordycepin analog
(SY) oligomer 2',5'-phosphodiester 3'-deoxyriboadenylate 5'-triphosphate
(SY) cordycepin 2-5A
(HM) *OLIGODEOXYRIBONUCLEOTIDES

2'-5'-oligoadenylate phosphodiesterase see 2'-phosphodiesterase

2',5'-oligoadenylate
(SY) 2-5A
(SY) oligo(A)
(SY) oligoadenylate
(SY) 2',5'-linked triadenylic acid
(HM) *OLIGORIBONUCLEOTIDES
(HM) *ADENINE NUCLEOTIDES
(NO) inhibits protein synthesis in cell-free systems; see also adenosine triphosphate adenosine monophosphate adenosine monophosphate (65954-93-0)

(3'-5')oligoadenylate see 3'-5'-oligoadenylate

3'-5'-oligoadenylate
(SY) 3-5A
(SY) (3'-5')oligoadenylate
(HM) *OLIGORIBONUCLEOTIDES
(HM) *ADENINE NUCLEOTIDES
(NO) isomer of 2-5A

2',5'-oligoadenyl-5'-diphosphate
(SY) 2-5A core 5'-diphosphate
(SY) pp5'A2'p5'A2'p5'A
(HM) *OLIGORIBONUCLEOTIDES
(HM) *ADENINE NUCLEOTIDES

oligoclonal bands see oligoclonal immunoglobulins

oligoclonal IgG see oligoclonal immunoglobulins

oligoclonal immunoglobulins
(SY) oligoclonal bands
(SY) oligoclonal IgG
(HM) *IMMUNOGLOBULINS
(II) IGG
(NO) found in neurologic disorders that are accompanied by an inflammatory reaction within the central nervous system

oligo (dA) see oligodeoxyadenylic acid

oligo(dC) see oligodeoxycytidylic acid

oligodendrocyte O antigen
(SY) O antigen, oligodendrocyte surface
(HM) *ANTIGENS, SURFACE
(NO) different from bacterial O antigens

oligodeoxyadenylic acid
(SY) oligo (dA)
(HM) *OLIGODEOXYRIBONUCLEOTIDES
(NO) RN in Chemline is the same for oligo (dA) & poly (dA); RN in Chemline refers to poly (dA)

oligodeoxycytidylic acid
(SY) oligo(dC)
(HM) *OLIGODEOXYRIBONUCLEOTIDES

oligodeoxyguanylic acid
(SY) oligo(dG)
(HM) *OLIGODEOXYRIBONUCLEOTIDES

oligodeoxythymidylic acid see oligo (dT)

2'-5'-oligo(A)-dependent endonuclease
(RN) EC 3.1.-
(SY) 2-5A dep endonuclease
(SY) double-stranded RNA-dependent endonuclease
(SY) dsRNA-dep endonuclease
(HM) *ENDORIBONUCLEASES
(NO) acts on mRNA or rRNA

oligo A-dependent endoribonuclease see pppA(2'p5'A)n-dependent ribonuclease

oligo(dG) see oligodeoxyguanylic acid

oligo (dT)
(SY) oligodeoxythymidylic acid
(HM) *OLIGODEOXYRIBONUCLEOTIDES

oligo(dT)-cellulose
(HM) CELLULOSE/*analogs
(HM) *OLIGODEOXYRIBONUCLEOTIDES

oligo(G)
(SY) oligoguanylic acid
(HM) *GUANINE NUCLEOTIDES
(HM) *OLIGORIBONUCLEOTIDES

oligogalacturonate lyase
(RN) EC 4.2.2.-
(HM) *POLYSACCHARIDE-LYASES
(NO) forms monomer units in the breakdown of pectate

oligoguanylic acid see oligo(G)

(2'-5')oligo-isoadenylate synthetase
(RN) EC 6.5.1.-
(SY) 2-5-OIAS
(HM) *POLYNUCLEOTIDE SYNTHETASES

(2'-5')oligoisoadenylate
(HM) *OLIGORIBONUCLEOTIDES
(NO) formed in interferon-treated cells

oligomer 2',5'-phosphodiester 3'-deoxyriboadenylate 5'-triphosphate see 2',5'-oligoadenylate cordycepin analog

oligo(U+)mRNA see oligo(U+)RNA

oligomycin C
(RN) 11052-72-5
(HM) *OLIGOMYCINS

oligomycin sensitivity-conferring protein
(SY) oligomycin sensitivity conferring protein
(SY) OSCP protein
(SY) OS-ATPase complex
(HM) *MEMBRANE PROTEINS
(HM) *ADENOSINE TRIPHOSPHATASE
(II) OLIGOMYCINS
(II) CARRIER PROTEINS
(NO) one subunit of whole ATPase complex of mitochondria; binding F(1) sector of ATPase complex to membrane sector; see also ATPase-binding protein (26,500)

oligomycin sensitivity conferring protein see oligomycin sensitivity-conferring protein

oligonucleotide polymerase see ribonucleotide polymerase

oligopeptidase
(RN) EC 3.4.-
(HM) *PEPTIDE HYDROLASES
(NO) from Bacillus spaericus; acts on dipeptides & some tri- or tetrapeptides with Ala-Ala

oligopeptide-binding protein
(SY) E coli periplasmic oligopeptide-binding protein
(SY) OPBP
(HM) *CARRIER PROTEINS
(II) BACTERIAL PROTEINS
(II) OLIGOPEPTIDES
(NO) MW 60,000; released from E coli by mild osmotic shock

oligopeptide permease
(SY) dipeptide permease
(SY) tripeptide permease
(HM) *PERMEASES
(NO) bacterial; does not act on free amino acids; takes up dipeptides & oligopeptides of up to 5 amino acids

(2'-5')oligo(A)-2'-phosphodiesterase see 2'-phosphodiesterase

oligo(U+)RNA
(SY) oligo(U+)mRNA
(HM) *RNA, MESSENGER
(HM) *URACIL NUCLEOTIDES
(NO) oligo(uridylic acid)-containing messenger ribonucleic acid from HeLa cells

N-oligosaccharide glycopeptidase see glycopeptidase

oligosaccharide 2-O-sulfatase
(RN) EC 3.1.6.-
(SY) Flavobacterium heparinum 2-O-sulphatase
(HM) *SULFATASES
(NO) hydrolyzes the 2-O-sulfate of the disaccharide 4-deoxy-2-O-sulfato-alpha-L-threo-hex-4-enopyranosyluronic acid-(1-4)-2-deoxy-2-sulfamido-6-O-sulfato-D-glucose from heparin

oligosaccharide transferase
(RN) EC 2.4.1.119
(SY) dolichyldiphosphoryloligosaccharide-protein oligosaccharyltransferase
(SY) DDPOS-POS transferase
(SY) oligosaccharyltransferase
(HM) *TRANSFERASES
(NO) catalyzes transfer of oligosaccharides from exogenously supplied oligosaccharide lipids to the asparagine residue of synthetic Asn-X-Thr containing peptide acceptors

oligosaccharyltransferase see oligosaccharide transferase

oligostatin C
(RN) 78025-06-6
(SY) Oligostatin C
(SY) Antibiotic SF 1130X3
(HM) *AMINOGLYCOSIDES
(PA) ANTIBIOTICS
(PA) AMYLASES/antag
(NO) antibiotic from Streptomyces myxogenes nov. sp. SF-1130 with activity against Gram-negative bacteria & with amylase inhibitory activity; structure in first source

Oligostatin C see oligostatin C

oligostatin D
(RN) 80955-61-9
(RR) 80450-15-3 (former CAS registry number)
(SY) D-Glucose, O-4,6-dideoxy-4-((2,3,4,6-tetrahydroxy-5-(hydroxymethyl)cyclohexyl)amino)-alpha-D-glucopyranosyl-(1->4)-O-alpha-D-glucopyranosyl-(1->4)-O-alpha-D-glucopyranosyl-(1->4)-O-alpha-D-glucopyranosyl-(1->4)-, (1S-(1alpha,2alpha,3beta,4alpha,5beta,6beta))-
(HM) *AMINOGLYCOSIDES
(PA) ANTIBIOTICS
(PA) AMYLASES/antag
(NO) antibiotic from Streptomyces myxogenes nov. sp. SF-1130 with activity against Gram-negative bacteria & with amylase inhibitory activity; structure in first source; RN given refers to parent cpd

oligostatin E
(RN) 80955-60-8
(SY) Oligostatin E
(HM) *AMINOGLYCOSIDES
(PA) ANTIBIOTICS
(PA) AMYLASES/antag
(NO) antibiotic from Streptomyces myxogenes nov. sp. SF-1130 with activity against Gram-negative bacetria & with amylase inhibitory activity; structure in first source

Oligostatin E see oligostatin E

oligo(U)
(SY) oligouridylic acid
(HM) *OLIGORIBONUCLEOTIDES
(HM) *URACIL NUCLEOTIDES

oligouridylic acid see oligo(U)

oligoxyloglucan hydrolase
(RN) EC 3.2.1.-
(HM) *GLYCOSIDE HYDROLASES
(NO) from Aspergillus oryzae; highly specific for xyloglucan oligosaccharides; splits off isoprimeverose disaccharide units from non-reducing end

olitoriside
(RN) 13289-20-8
(HM) *CARDENOLIDES
(II) CARDIAC GLYCOSIDES
(NO) from Adonis mongolica Sim; RN given refers to (D-xylo)-isomer; see also erysimoside for (D-ribo)-isomer: 7082-34-0

olivacine
(RN) 484-49-1
(RR) 76201-89-3 (oxalate[1:1])
(HM) *CARBAZOLES
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(NO) alkaloid with antitumor & antileukemic activity isolated from Aspidosperma olivaceum; structure; RN given refers to parent cpd

olivanic acids
(SY) MM 4550
(SY) MM 13902
(SY) MM 17880
(SY) MM 22380
(SY) MM 22381
(SY) MM 22382
(SY) MM 22383
(SY) MM 27696
(HM) *ANTIBIOTICS, LACTAM
(NO) beta-lactam antibiotics produced by Streptomyces olivaceus ATCC 31365; all have carbapenum nucleus; structures in sixth source

olive oil
(RN) 8001-25-0
(HM) *OILS

olivetol
(RN) 500-66-3
(SY) 5-pentyl-1,3-dihydroxybenzene
(HM) *RESORCINOLS
(NO) from cannabidiol by pyrolysis; structure

olivine
(RN) 19086-72-7
(SY) magnesium iron silicate
(HM) *SILICA
(NO) sand of primarily magnesium iron silicate, containing low levels of free silica; suggested as a less injurious substitute for silica quartz in foundries; RN in Chemline for unspecified composition: 1317-71-1

olivoretin
(RN) 90297-52-2
(RR) 90599-27-2 (olivoretin B)
(RR) 90599-28-3 (olivoretin C)
(SY) olivoretin A
(SY) olivoretin B
(SY) olivoretin C
(HM) *LYNGBYA TOXINS
(NO) from Streptoverticillium olivoreticuli; olivoretin A,B,C are O-methylated teleocidin B isomers; biologically inactive; structure given in first source; RN given refers to olivoretin A; RN for olivoretin not available 3/85

olivoretin A see olivoretin

olivoretin B see olivoretin

olivoretin C see olivoretin

olmidine
(RN) 22693-65-8
(RR) 31105-14-3 ((DL)-isomer)
(RR) 31105-17-6 (HCl(+)-isomer)
(RR) 31105-16-5 (HCl(-)-isomer)
(RR) 24101-11-9 (HCl(+-)-isomer)
(RR) 22693-89-6 (mono-HCl(+-)-isomer)
(SY) DL-2-(3,4-methylenedioxyphenyl)-2-hydroxyacetamidine;
(HM) *DIOXOLES
(PA) ANTIHYPERTENSIVE AGENTS
(NO) RN given refers to cpd without isomeric designation; structure

oltipraz
(RN) 64224-21-1
(SY) RP 35972
(SY) 35 972 R.P.
(HM) *PYRAZINES
(PA) SCHISTOSOMICIDES
(NO) structure given in Unlisted Drugs

omadine see pyrithione

omadine disulfide see dipyrithione

omadine MDS see dipyrithione

OMBTS see octamethylene bis(methanethiosulfonate)

OMDTC see 3,7,11,15,18,22,26,30-octamethyldotriacontane-1,32- diol

omega-AC see omega-aminocaprylic acid

omega-amino acid pyruvate transaminase
(RN) EC 2.6.1.-
(SY) omega-amino acid transaminase
(HM) *AMINOTRANSFERASES

omega-amino acid transaminase see omega-amino acid pyruvate transaminase

omega-aminocaprylic acid
(SY) omega-AC
(HM) *OCTANOIC ACIDS

omega-aminohexyl-sepharose see aminohexyl-sepharose

omega CgTx see omega Conus geographus toxin

omega-conotoxin
(RN) 92078-76-7
(HM) *MOLLUSK VENOMS
(NO) from marine mollusk Conus geographus; 27 amino acid peptide with three disulfide bridges; amino acid sequence given in first source

omega Conus geographus toxin
(SY) omega CgTx
(HM) *MOLLUSK VENOMS
(PA) CALCIUM CHANNEL BLOCKERS
(NO) Conus geographus venom peptide with presynaptic blocking action; prevents Ca++ entry into nerve terminal during presynaptic action potential; irreversibly blocks nerve stimulus-evoked release of transmitter at frog skeletal neuromuscular junction

omega-cyclohexyldodecanoic acid
(RN) 18017-77-1
(SY) CHDDA
(HM) *CYCLOHEXANES

omega-(diazirinophenoxy)nonanoic acid
(RN) 85045-34-7
(SY) OAPUA
(HM) *FATTY ACIDS
(II) INDICATORS AND REAGENTS
(NO) photoreactive indicator of localization of membrane proteins

1-(omega-diethylaminopropylamide)-2-methoxy-4-hydroxy-9,10-anthracenedione
(RN) 87367-08-6
(SY) 1-(omega-diethylaminopropylamido)-2-methoxy-4-hydroxy-9,10-anthracenedione hydrochloride
(SY) 1-DPMHA
(HM) *ANTHRAQUINONES
(NO) weaker complexation ability to DNA than adriamycin; structure given in first source

1-(omega-diethylaminopropylamido)-4-hydroxy-9,10-anthracenedione hydrochloride see 1-(omega-diethylaminopropylamido)-4-hydroxy-9,10-anthracenedione

1-(omega-diethylaminopropylamido)-4-hydroxy-9,10-anthracenedione
(RN) 87367-07-5
(SY) 1-(omega-diethylaminopropylamido)-4-hydroxy-9,10-anthracenedione hydrochloride
(SY) 1-DPHA
(HM) *ANTHRAQUINONES
(NO) weaker complexation ability to DNA than adriamycin; structure given in first source

1-(omega-diethylaminopropylamido)-2-methoxy-4-hydroxy-9,10-anthracenedione hydrochloride see 1-(omega-diethylaminopropylamide)-2-methoxy-4-hydroxy- 9,10-anthracenedione

omega-9 HPAA see 12-HPETE

omega-9-hydroperoxyarachidonic acid see 12-HPETE

omega-hydroxyacetophenone
(RN) 582-24-1
(SY) 1-phenyl-2-hydroxyethanone
(HM) *ACETOPHENONES

omega-hydroxylase see alkane 1-monooxygenase

omega-1 hydroxylase see lauric acid monooxygenase

omega-N-hydroxyornithine
(HM) ORNITHINE/*analogs
(PA) ORNITHINE DECARBOXYLASE/antag

omega-IHDA see 16-iodo-9-hexadecenoic acid

omega-(p-iodophenyl)pentadecanoic acid see omega-(4-iodophenyl)pentadecanoic acid

omega-(4-iodophenyl)pentadecanoic acid
(RN) 80479-93-2
(RR) 74674-84-3 (131I-labeled cpd)
(RR) 86577-95-9 (125I-labeled cpd)
(RR) 74855-17-7 (123I-labeled cpd)
(SY) OIPPDA
(SY) omega-(p-iodophenyl)pentadecanoic acid
(SY) iodo-para-phenyldecanoic acid
(SY) IPPA
(SY) 4-(iodophenyl)pentadecanoic acid
(SY) 15-(4-iodophenyl)pentadecanoic acid
(SY) p-IPPA
(HM) *IODOBENZENES
(NO) imaging agent; RN given refers to parent cpd without isomeric designation

omega-N-methylarginine
(RN) 17035-90-4
(SY) N(G)-monomethylarginine
(SY) N(G)-methylarginine
(HM) ARGININE/*analogs

omega-muricholic acid see muricholic acid

omega-(3'-phenyl-1'-pyrrolidinyl)-6-butyrylbenzo(1,4)dioxane see butyroxan

omega-(3'-phenyl-1'-pyrrolidinyl)-6-propionylbenzo(1,4)dioxan see proroxan

7-OMEN see 7-(R)-O-methylnogarol

omeprazole
(RN) 73590-58-6
(SY) H 168-68
(HM) *BENZIMIDAZOLES
(PA) ANTI-ULCER AGENTS
(NO) gastric pump inhibitor; structure given in first source

omeprazole sulfide
(RN) 73590-85-9
(SY) omeprazole sulphide
(SY) H 168-22
(HM) *BENZIMIDAZOLES
(NO) omeprazole metabolite; structure given in first source

omeprazole sulfone
(RN) 88546-55-8
(SY) omeprazole sulphone
(HM) *BENZIMIDAZOLES
(NO) omeprazole metabolite; structure given in first source

omeprazole sulphide see omeprazole sulfide

omeprazole sulphone see omeprazole sulfone

omethoate see dimethoxon

2-F-3-OMG see 2-deoxy-2-fluoro-3-O-methylglucose

3-OMG see 3'-O-methylguanosine

omiderm
(HM) *POLYURETHANES
(II) ARTIFICIAL ORGANS
(II) MEMBRANES, ARTIFICIAL
(NO) synthetic temporary skin substitute; elastic membrane of polyurethane film with grafted monomers such as acrylamide and hydroxyethylmethacrylate

Omite
(RN) 2312-35-8
(SY) 2-(4-tert-butylphenoxy)cyclohexyl-2-propynyl sulfite
(HM) *CYCLOHEXANES
(PA) INSECTICIDES
(NO) structure

ommochrome
(HM) *PHENOTHIAZINES
(II) PIGMENTS
(NO) found in eye of mealmoth Ephestia Kuhniella

omnadin
(RN) 9014-03-3
(HM) *LIPOPROTEINS
(NO) minor descriptor (75-82); online & Index Medicus search LIPOPROTEINS (66-82)

Omnipaque see iohexol

OMPI
(RN) 32190-33-3
(RR) 59158-71-0 ((DL)-isomer)
(RR) 72105-84-3 ((-)-isomer)
(SY) 2-oxo-3-(2-mercaptoethyl)-5-phenylimidazolidine
(HM) *IMIDAZOLES
(NO) levamisole metabolite; RN given refers to cpd without isomeric designation

OMP 70 see yeast mitochondrial outer membrane protein

OMS 1998 see decamethrin

OMS-22 see OMS 22

OMS 22
(RN) 3566-09-4
(SY) 2-chloro-3-isopropylphenyl-N-methylcarbamate
(SY) OMS-22
(HM) *CARBAMATES
(PA) INSECTICIDES, CARBAMATE

OM 173
(RN) 88385-01-7
(SY) OM-173
(HM) NAPHTHOQUINONES
(PA) ANTIBIOTICS, ANTIFUNGAL
(NO) from Actinomycete strain OM-173; nanaomycin-type antibiotic

OM-173 see OM 173

OM-205 see OM 205

OM 205
(RN) 55381-73-2
(SY) N(alpha)-dansyl-L-arginine-4-ethylpiperidine amide
(SY) OM-205
(HM) ARGININE/*analogs
(PA) ANTITHROMBINS
(NO) structure

OM 704A see OM 704 A

OM 704 A
(RN) 84419-65-8
(RR) 87614-40-2 (duplicate RN)
(SY) OM-704 A
(SY) OM 704A
(HM) QUINONES
(PA) ANTIBIOTICS
(NO) from Streptomyces sp. OM-704, a soil isolate; quinoid cpd; MF C20-H22-N2-O4

OM-704 A see OM 704 A

oncodazole see nocodazole

oncofetal antigen gp87 see oncofetal antigens

oncofetal antigen I see oncofetal antigens

oncofetal antigens
(SY) oncofetal proteins
(SY) xenogenic oncofetal antigen
(SY) XOF antigen
(SY) pancreatic oncofetal antigen
(SY) pancreatic oncofoetal antigen
(SY) POA
(SY) oncofetal glial antigen
(SY) oncofetal antigen 1
(SY) oncofoetal antigen I
(SY) OFA-I
(SY) beta-oncofetal antigen
(SY) BOFA
(SY) OFA-I-1
(SY) gastrointestinal cancer-associated fetal antigen
(SY) oncofetal antigen gp87
(HM) *ANTIGENS, NEOPLASM
(NO) see also record for pancreas-specific antigen & pancreas cancer-associated antigen, which is different from oncofetal antigens

oncofetal glial antigen see oncofetal antigens

oncofetal proteins see oncofetal antigens

oncofoetal antigen I see oncofetal antigens

oncogene c-myc proteins, human see proto-oncogene c-myc proteins

oncomodulin
(HM) *CALCIUM-BINDING PROTEINS
(II) NEOPLASM PROTEINS
(NO) cytoplasmic calcium-binding protein found only in tumor cells; MW 11,500; not a fragment of calmodulin; stimulates liver cell DNA synthesis

onitin
(RN) 53823-02-2
(HM) *INDENES
(PA) PARASYMPATHOLYTICS
(II) MEDICINE, ORIENTAL TRADITIONAL
(NO) from Onychium siliculosum; structure given in first source; RN from Chem Abst Index Guide 1985; RN not in Chemline 9/85

onitinoside
(RN) 78415-48-2
(HM) *INDENES
(HM) *GLUCOSIDES
(PA) PARASYMPATHOLYTICS
(II) MEDICINE, ORIENTAL TRADITIONAL
(NO) from Onychium siliculosum; structure given in first source; RN from Chem Abst Index Guide 1985; RN not in Chemline 9/85

onitisin
(RN) 53823-03-3
(HM) *INDENES
(PA) PARASYMPATHOLYTICS
(II) MEDICINE, ORIENTAL TRADITIONAL
(NO) from Onychium siliculosum; structure given in first source; RN given refers to (-)-isomer; RN for cpd without isomeric designation not available 9/85; RN given from Chem Abst Index Guide 1985; RN not in Chemline 9/85

ONO 11105
(RN) 82402-81-1
(SY) ONO-11105
(SY) 9,11-dimethylmethano-11,12-methano-16-(4-ethylphenylthio)-13,14-dihydro-13-aza-15-tetranorthromboxane A2
(HM) THROMBOXANE A2/*analogs
(PA) THROMBOXANES/antag
(NO) structure given in first source

ONO-11105 see ONO 11105

ONO 11119
(RN) 82402-68-4
(SY) ONO-11119
(SY) 9,11-dimethylmethano-11,12-methano-13,14-dihydro-13-aza-15-trihomothromboxane A2
(HM) THROMBOXANE A2/*analogs
(PA) THROMBOXANE A2/antag
(NO) structure given in first source

ONO-11119 see ONO 11119

ONO 11120
(RN) 85798-84-1
(SY) ONO-11120
(SY) 9,11-dimethylmethano-11,12-methano-16-phenyl-13,14-dihydro-13-aza-15-tetranorthromboxane A2
(HM) THROMBOXANE A2/*analogs
(PA) THROMBOXANE A2/antag
(NO) structure givenin first source

ONO-11120 see ONO 11120

ONO-1206 see ONO 1206

ONO 1206
(RN) 74397-12-9
(SY) 17-S-methyl-omega-homo-trans-delta(2)-prostaglandin E1
(SY) OP 1206
(SY) 17-S-methyl-omega-homo-trans-delta(2)-PGE1
(SY) ONO-1206
(HM) ALPROSTADIL/*analogs
(PA) VASODILATOR AGENTS
(II) PLATELET AGGREGATION/drug eff
(II) PROSTAGLANDINS E, SYNTHETIC
(NO) tested as antianginal agent

ONO 2235
(RN) 82159-09-9
(SY) ONO-2235
(SY) 3-carboxymethyl-5-(methyl-3-phenylpropenylidene) rhodanine
(HM) *RHODANINE/analogs
(PA) ALDOSE REDUCTASE/antag

ONO-2235 see ONO 2235

ONO-3122 see ONO 3122

ONO 3122
(RN) 82632-79-9
(SY) 1-iodo-3-aminomethyl-5,6,7,8-tetrahydro-2-naphthol
(SY) ONO-3122
(SY) AI 122
(SY) AI-122
(HM) *NAPHTHOLS
(NO) accelerates PGI2 generation from endogenous arachidonic acid in vitro

ONO 3144
(RN) 75060-92-3
(SY) ONO-3144
(SY) 2-aminomethyl-4-tert-butyl-6-propionylphenol
(HM) *PROPIOPHENONES
(PA) ANTI-INFLAMMATORY AGENTS
(NO) structure given in first source

ONO-3144 see ONO 3144

ONO-41483 see ONO 41483

ONO 41483
(RN) 83997-19-7
(RR) 73996-62-0
(3aS-(3aalpha,4alpha(1E,3R*),5beta,6aalpha))-isomer)
(SY) 15-cyclopentyl-omega-pentanor-5(E)-carbacyclin
(SY) OP 41483
(SY) ONO-41483
(HM) *PROSTAGLANDINS X
(II) PROSTAGLANDINS, SYNTHETIC
(NO) inhibits platelet aggregation; structure given in first source; RN given refers to (3aS-(2E,3aalpha,4alpha(1E,3R*),5beta,6aalpha))-isomer; RN for cpd without isomeric designation not in Chemline 8/84

ONO-802 see 16,16-dimethyl-delta(2)-prostaglandin E1 methyl ester

ONO 802 see 16,16-dimethyl-delta(2)-prostaglandin E1 methyl ester

ONPSC see 2-nitrophenyl selenocyanic acid

ontosein see organstein

oocyte actin depolymerizing protein see actin depolymerizing proteins

oocyte maturation inhibitor
(HM) *PEPTIDES
(II) OOCYTES/drug eff
(NO) in porcine follicular fluid

OOE)3E see n-octyl(oxyethylene)(3)ethanol

12-OOHETE see 12-HPETE

13 OOH linoleic acid see linoleic acid hydroperoxide

OOIPB see 2-oxo-3-(4-(1-oxo-2-isoindolinyl)phenyl)butanamide

OOS-Et see O,O-dimethyl S-ethyl phosphorothioate

opacity factor
(SY) serum opacity factor
(SY) M protein serum opacity factor
(HM) *PEPTIDE HYDROLASES
(NO) cell bound lipoproteinase causing appearance of opacity in mammalian sera from generation of insoluble lipid moieties; group A strep produce it

OPBP see oligopeptide-binding protein

OPC desaturase see oleoyl phosphatidylcholine desaturase

OPC-13013 see cilostazol

OPC 13013 see cilostazol

OPC 13135
(RN) 89332-49-0
(SY) OPC-13135
(SY) N-phenyl-N-(2-hydroxybutyl)-5-((1,2,3,4-terahydro-2-oxoquinolyl)oxy)pentanamide
(HM) *QUINOLINES
(PA) 3',5'-CYCLIC AMP PHOSPHODIESTERASE/antag

OPC-13135 see OPC 13135

OPC-1427 see bometolol

OPC 2009 see procaterol

OPC-3689 see cilostamide

OPC 8212
(RN) 81840-15-5
(SY) OPC-8212
(SY) 3,4-dihydro-6-(4-(3,4-dimethoxybenzoyl)-1-piperazinyl)-2-1H-quinoline
(HM) *QUINOLINES
(PA) CARDIOTONIC AGENTS
(NO) structure given in first source

OPC-8212 see OPC 8212

OPEC
(HM) VINCRISTINE
(HM) CYCLOPHOSPHAMIDE
(HM) CISPLATIN
(HM) TENIPOSIDE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) for treatment of advanced neuroblastoma; chemotherapy protocol consisting of above 4 cpds

OPEC-D
(HM) VINCRISTINE
(HM) CYCLOPHOSPHAMIDE
(HM) CISPLATIN
(HM) TENIPOSIDE
(HM) DOXORUBICIN
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) for treatment of advanced neuroblastoma; chemotherapy protocol consisting of above 5 cpds

3-OPET see 3-(3-oxoprop-2-enyl)thymidine

OPGAN see 5-oxo-prolyl-glycyl-arginine-4-nitroanilide

ophiobolin see ophiobolin A

ophiobolin A
(RN) 4611-05-6
(SY) ophiobolin
(HM) *TERPENES
(PA) CALMODULIN/antag
(NO) phytotoxin produced by plant pathogen Helminthosporium maydis; natural product inhibitor of calmodulin; RN given refers to (18R)-isomer; RN for cpd without isomeric designation not in Chemline 4/84; structure given in first source

ophthaine see proxymetacaine

opiate lambda receptors see lambda opiate receptor

OPNU see N-(2-oxopropyl)-N-nitrosourea

OPP
(HM) VINCRISTINE
(HM) PROCARBAZINE
(HM) PREDNISONE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above 3 cpds

OPPA see DVPP

opromazine
(RN) 969-99-3
(RR) 316-07-4 (HCl)
(SY) chlorpromazine sulfoxide
(HM) CHLORPROMAZINE/*analogs
(NO) RN given refers to parent cpd; structure in 9th ed, Merck Index, #6657

opsin
(SY) retinylopsin
(HM) *EYE PROTEINS
(II) RETINAL PIGMENTS
(II) RODS AND CONES
(NO) rod protein which combines with retinal to form rhodopsin

Op-site see Opsiture

Opsiture
(SY) Op-site
(HM) *POLYURETHANES
(II) ADHESIVES
(NO) suture material adhesive; forms a transparent film of polyurethane

optimine see azatadine

Optisulin-Depot CR see insulin, des-Phe-

Optisulin-Long CR see insulin, des-Phe-

optivite
(HM) *FOOD ADDITIVES
(II) FOOD, FORMULATED
(NO) nutritional supplement high in vitamin B6, magnesium and other essential micronutrients

optochin see ethylhydrocupreine

optochine see ethylhydrocupreine

optocillin
(RN) 72539-76-5
(HM) *MEZLOCILLIN
(HM) *OXACILLIN
(HM) DRUG COMBINATIONS
(NO) combination of mezlocillin & oxacillin

optoquine see ethylhydrocupreine

Optosil see OV-225

Optosil Hard see OV-225

OPT-PGF1 ME see 5-oxa-17-phenyl-18,19,20-trinor prostaglandin F1 alpha methyl ester

OP 1206 see ONO 1206

OP 41483 see ONO 41483

OP-6
(RN) 73561-05-4
(SY) HP-6
(SY) 2-ethyl-6-methyl-3-hydroxypyridine HCl
(HM) *PYRIDINES
(PA) ANTI-ARRHYTHMIA AGENTS
(II) ANTIOXIDANTS
(NO) water soluble hydroxypyridine antioxidant

Oracon
(RN) 8015-19-8
(HM) *DIMETHISTERONE
(HM) *ETHINYL ESTRADIOL
(HM) CONTRACEPTIVES, ORAL, COMBINED
(II) CONTRACEPTIVES, ORAL, SYNTHETIC
(NO) combination of dimethisterone and ethinyl estradiol

Oraflex see benoxaprofen

oragallin see azintamid

oragest see medroxyprogesterone 17-acetate

ORALIT
(SY) NIMKOL
(SY) ORS
(HM) *ELECTROLYTES
(II) SOLUTIONS
(NO) oral dehydration solution; contains NaCl, KCl, sodium bicarbonate & glucose

oral lipase see pregastric esterase

oral turinabol see turinabol-oral

orange I azoreductase
(RN) EC 1.6.6.-
(SY) NAD(P)H 1-(4'-sulfophenylazo)-4-naphthol oxidoreductase
(HM) *NADH, NADPH OXIDOREDUCTASES

Orange G
(RN) 1936-15-8
(SY) Acid Orange 10
(SY) 1-phenylazo-2-naphthol-6,8-disulfonic acid,di- Na salt
(HM) *AZO COMPOUNDS
(II) DYES
(II) STAINS AND STAINING

orange GGN see E 111

Orange II
(RN) 633-96-5
(SY) beta-naphthol orange
(SY) C.I. Acid Orange
(SY) Tropaeolin
(SY) 2-naphthol orange
(HM) *BENZENESULFONATES
(HM) *AZO COMPOUNDS
(II) DYES
(NO) structure

orange II azoreductase
(RN) EC 1.6.6.-
(SY) NAD(P)H 1-(4'-sulfophenylazo)-2-naphthol oxidoreductase
(HM) *NADH, NADPH OXIDOREDUCTASES

orange I laurate
(RN) 70483-86-2
(SY) 4-(4-hydroxy-1-naphthylazo)benzenesulfonate sodium laurate
(HM) *AZO COMPOUNDS
(II) CHROMOGENIC COMPOUNDS
(NO) chromogenic substrate for serum lipase; structure given in first source

D.C. Orange No. 17 see C.I. 12075

orange no.1 see E 111

orange no.2 see FD & C Yellow No. 6

orange RN see acid orange 12

orange Zh see benzidine orange

L-orange 1 see E 111

L-orange 2 see FD & C Yellow No. 6

D Orange 3 see Disperse Orange 3

orasa see oraza

orase see oraza

oraza
(RN) 70315-83-2
(SY) orase
(SY) orasa
(HM) *GLYCOSIDE HYDROLASES
(HM) *PEPTIDE HYDROLASES
(HM) DRUG COMBINATIONS
(NO) enzymatic drug containing amylolytic & proteolytic enzymes; from Aspergillus oryzae

orazamid see orazamide

orazamide
(RN) 2574-78-9
(RR) 7425-69-6 (cpd with unspecified MF)
(SY) aicamine
(SY) orazamid
(SY) 4(5)-aminoimidazole-5(4)-carboxamide orotic acid salt
(SY) AICA orotate
(HM) *AMINOIMIDAZOLE CARBOXAMIDE/analogs
(NO) RN given refers to parent cpd

ORA5 see ORA 5

ORA 5
(SY) ORA-5
(SY) ORA5
(HM) *IODINE
(HM) *COPPER
(HM) DRUG COMBINATIONS
(II) DISINFECTANTS
(NO) disinfectant solution containing I2-KI, CuSO4 & ethanol

ORA-5 see ORA 5

ORBC see octadecyl Rhodamine B chloride

Orbenin D.C. see benzathine cloxacillin

3 (or 17)-beta-hydroxysteroid dehydrogenase
(RN) EC 1.1.1.51
(SY) 3 beta,17 beta-hydroxysteroid dehydrogenase
(SY) 3,17-beta-HSDase
(HM) *TESTOSTERONE DEHYDROGENASES
(NO) acts on both 3 beta or 17 beta hydroxysteroids

orcein
(RN) 1400-62-0
(HM) *OXAZINES
(II) DYES
(II) STAINS AND STAINING
(NO) structure

4 (or 5)-chloro-2-methylcyclohexanecarboxylic acid 1, 1-dimethylethyl ester see trimedlure

orcinol
(RN) 504-15-4
(RR) 5489-98-5 (14C-labeled cpd)
(SY) 5-methylresorcinol
(SY) orzin
(SY) 3,5-dihydroxytoluene
(HM) *RESORCINOLS
(II) INDICATORS AND REAGENTS
(NO) used as reagent for pentoses, lignin, beet sugar, saccharoses, arabinose & diastase; RN given refers to parent cpd; structure

orcinol hydroxylase see orcinol 2-monooxygenase

orcinol 2-monooxygenase
(RN) EC 1.14.13.6
(SY) orcinol hydroxylase
(HM) *HYDROXYLASES

orciprenaline-3-O-sulfate see metaproterenol-3-O-sulfate

orcomine
(RN) 53795-84-9
(HM) *TRACE ELEMENTS
(NO) geriatric preparation; Russian drug

ordram see molinate

ORF 13811
(RN) 83796-99-0
(RR) 83796-98-9 (L-arginine[1:1]salt)
(RR) 83796-97-8 (L-lysine[1:1]salt)
(SY) ORF-13811
(SY) 4-(5-hydroxy-4,8-dimethyl-7-nonenyl)-4-methyl-3,8-dioxabicyclo(3.2.1)octane-1-acetic acid
(HM) *DITERPENES
(PA) CONTRACEPTIVE AGENTS, FEMALE
(NO) structure given in first source; RN given refers to Ca[2:1]salt; RN for parent cpd not in Chemline 11/85

ORF-13811 see ORF 13811

ORF-18260 see LHRH, acetyl-2-(2-naphthyl)-Ala(1)-4-F-Phe(2)-Trp(3)- Arg(6)-

ORF 18260 see LHRH, acetyl-2-(2-naphthyl)-Ala(1)-4-F-Phe(2)-Trp(3)- Arg(6)-

ORF 3617 see Nonidet P-40

ORF 3858 see fenestrel

ORF-4563 see fenestrel

ORF 8063 see triflubazam

ORF-8063 see triflubazam

ORG 2058 affinity resin
(RN) 84013-72-9
(HM) *PREGNENEDIONES
(HM) *RESINS SYNTHETIC
(II) PROGESTATIONAL HORMONES, SYNTHETIC
(II) CHROMATOGRAPHY, AFFINITY
(NO) disulfide affinity adsorbant for purification of progesterone receptor; 17 beta-carboxyl analog of Org 2058 coupled to amino-cystamido deriv of Affigel 10; structure given in first source

organic anion transport proteins see anion transport proteins

Organon N.B.68 see dacuronium

organophosphate hydrolase see phosphorylphosphatase

Org GC 94
(RN) 22485-08-1
(RR) 40132-36-3 (maleate(Z)-isomer)
(HM) *DIBENZOXAZEPINES
(NO) serotonin antagonist; anti-migraine; RN given refers to parent cpd

ORG NC45 see ORG NC 45

ORG-NC 45 see ORG NC 45

ORG NC 45
(RN) 50700-72-6
(RR) 72254-12-7 (former CAS registry number)
(SY) 3 alpha,17 beta-diacetoxy-2 beta,16 beta-dipiperidino-5 alpha-androstane
(SY) NC 45
(SY) ORG-NC 45
(SY) ORG NC45
(SY) 3alpha,17beta-diacetoxyl-2beta,16beta-dipiperdino-5alpha-androstane 16beta-N-monomethobromide
(SY) norcuron
(SY) vecuronium
(HM) PANCURONIUM/*analogs
(PA) NEUROMUSCULAR BLOCKING AGENTS
(PA) NEUROMUSCULAR NONDEPOLARIZING AGENTS
(NO) monoquaternary homologue of pancuronium which produces neuromuscular blockade shorter than that produced by equi-potent dose of pancuronium; structure

Org OD 14 see tibolone

orgotein
(RN) 9016-01-7
(SY) palosein
(SY) ormetein
(SY) ontosein
(SY) peroxinorm
(HM) *METALLOPROTEINS
(PA) ANTI-INFLAMMATORY AGENTS
(II) SUPEROXIDE DISMUTASE
(NO) mainly alpha-helical partly divalent metal (Mg,Cu,Zn) chelated water soluble protein (MW-34000) from bovine liver; for treatment of cystitis; has superoxide dismutase activity

Org 10155
(RN) 81078-82-2
(SY) Org-10155
(SY) 4-(1-piperazinyl)-5-aza-6-methylbenzofuran maleate
(HM) *PIPERAZINES
(PA) SEROTONIN ANTAGONISTS
(NO) structure given in first source

Org-10155 see Org 10155

Org 10172 see ORG 10172

ORG 10172
(RN) 83513-48-8
(SY) ORG-10172
(SY) Org 10172
(HM) *GLYCOSAMINOGLYCANS
(PA) FIBRINOLYTIC AGENTS
(NO) mixture of sulfated glycosaminoglycorunans derived from hog intestinal mucosa

ORG-10172 see ORG 10172

ORG-10908 see methylnaloxonium

ORG 10908 see methylnaloxonium

ORG-2058 see ORG 2058

ORG 2058
(RN) 24320-06-7
(SY) 16 alpha-ethyl-21-hydroxy-19-nor-4-pregnene-3,20-dione
(SY) O-2058
(SY) ORG-2058
(HM) *PREGNENEDIONES
(II) PROGESTINS, SYNTHETIC

Org 2766
(RN) 50913-82-1
(RR) 70629-70-8 ((D-alpha-Glu)-isomer)
(RR) 83860-13-3 ((D-Phe)-isomer)
(RR) 80338-94-9 ((all-L)-isomer)
(SY) ACTH(4-9), methylsulfonylaminobutyryl-Lys(8)-(Phe(9)-
(SY) methylsulfonylaminobutyryl-8-lysyl-9-phenylalanine-ACTH (4-9)
(SY) methylsulfonylaminobutyryl-Lys(8)-Phe(9)-ACTH(4-9)
(SY) MSH-ACTH (4-9) analog
(HM) CORTICOTROPIN/*analogs
(HM) *PEPTIDE FRAGMENTS
(PA) ANTICONVULSANTS
(NO) ACTH 4-9 (H-Met(O)-Glu-His-Phe-D-Lys-Phe-OH) analog in which 4-Met position of fragment substituted by 4-Met sulfoxide, 8-Arg replaced by 8-D-Lys & 9-Trp replaced by 9-Phe; RN given refers to (D-Lys)-isomer; RN for cpd without isomeric designation not in Chemline 8/84

Org 2969 see desogestrel

ORG 30016
(SY) ORG-30016
(HM) HEPARIN/*analogs
(PA) ANTICOAGULANTS
(II) MUSSELS
(NO) low MW sulfated polysaccharide from mussel broth

ORG-30016 see ORG 30016

Org-30093 see LHRH, N-Ac-4-Cl-Phe(1,2)-Trp(3)-Phe(6)-AlaNH(2)(10)-

Org 30093 see LHRH, N-Ac-4-Cl-Phe(1,2)-Trp(3)-Phe(6)-AlaNH(2)(10)-

ORG-30276 see ORG 30276

ORG 30276
(SY) LHRH, N-Ac-4-Cl-Phe(1)(2)-Tryp(3)-Arg(6)-Ala(10) -(SY) N-Ac-4-Cl-Phe(1)(2)-Trp(3)-Arg(6)-Ala(10)-LHRH
(SY) LHRH-N-acetyl-1,2-(4-chlorophenylalanyl)-3-tryptophanyl-6-arginyl-10-alanine
(SY) N-acetyl-1,2-(4-chlorophenylalanyl)-3-tryptophanyl-6-arginyl-10-alanine-LHRH
(SY) ORG-30276
(SY) APTAA-LHRH
(HM) LH-FSH RELEASING HORMONE/*analogs
(PA) LH-FSH RELEASING HORMONE/antag

ORG-3770 see 6-azamianserin

ORG 3770 see 6-azamianserin

Org 4333
(RN) 71794-60-0
(SY) Org-4333
(SY) 11 beta-chloromethylestradiol
(HM) ESTRADIOL/*analogs
(II) ESTROGENS, SYNTHETIC

Org-4333 see Org 4333

ORG-6001 see ORG 6001

ORG 6001
(RN) 50588-47-1
(RR) 51740-76-2 (HCl)
(SY) 3 alpha-amino-5 alpha-androstan-2 beta-ol-17-one.HCl
(SY) ORG-6001
(HM) *ANDROSTANOLS
(PA) ANTI-ARRHYTHMIA AGENTS
(NO) RN given refers to parent cpd; NM refers to HCl

ORG-6216 see ORG 6216

ORG 6216
(RN) 49697-38-3
(SY) 11 beta-hydroxy-16 alpha,17 alpha,21-trimethylpregna-1,4-diene-3,20-dione
(SY) rimexolone
(SY) ORG-6216
(HM) *PREGNADIENES
(PA) ANTI-INFLAMMATORY AGENTS, TOPICAL

Org 6368
(RN) 58090-64-5
(SY) ORG-6368
(HM) PANCURONIUM/*analogs
(PA) NEUROMUSCULAR BLOCKING AGENTS
(NO) 3-monoacetate, while pancuronium is 3,17-diacetate

ORG-6368 see Org 6368

ORG-6582 see Org 6582

Org 6582
(RN) 59905-71-4
(SY) 8-chloro-11-anti-aminobenzo(b)bicyclo(3.3.1)nona-3,6a(10a)-diene.HCl
(SY) ORG-6582
(HM) *BICYCLO COMPOUNDS
(NO) inhibits 3-hydroxytryptamine reuptake; RN & NM refer to HCl; RN for parent cpd not in Chemline 7/12/83

ORH-3088 see OR H3088

OR H3088
(RN) 80024-83-5
(SY) OR-H3088
(SY) ORH-3088
(SY) 2-(4-(1-azacyclooctylcarbonyl)piperidin-1-yl)-4-amino-6,7-dimethoxyquinazoline HCl
(HM) *QUINAZOLINES
(PA) ANTIHYPERTENSIVE AGENTS
(NO) structure given in UD 35:19j

OR-H3088 see OR H3088

orientotoxin
(RN) 89699-91-2
(HM) *WASP VENOMS
(II) NEUROTOXINS
(NO) isolated from venom of the giant hornet Vespa orientalis

oripavine
(RN) 467-04-9
(RR) 6153-40-8 (HCl(5alpha)-isomer)
(SY) O(3)-dimethylthebaine
(SY) 6-demethoxythebaine
(HM) THEBAINE/*analogs
(NO) fro, Papaver orientale L. & P. bacterium Lindl; structure in Merck Index, 9th ed, #6707; RN given refers to (5alpha)-isomer; RN for cpd without isomeric designation not in Chemline 8/84

orkomin
(RN) 52441-02-8
(HM) *TRACE ELEMENTS
(NO) contains Mg, Fe, Cu, Co, Zn, Mn

orlon see polyacrylonitrile

ormetein see orgotein

ormetoprim
(RN) 6981-18-6
(SY) 2,4-diamino-5-(6-methylveratryl)pyrimidine
(HM) *PYRIMIDINES
(NO) proposed chemotherapeutic agent; minor descriptor (75-84); on-line & Index Medicus search PYRIMIDINES (75-84)

8-Orn- 1-(beta-mercapto-beta,beta-cyclopentamethylenepropionic acid)oxytocin see oxytocin, 1-(beta-mercapto-beta,beta- cyclopentamethylenepropionic acid)-8-ornithine-

8-Orn-1-(beta-mercapto-beta,beta-cyclopentamethylene) propionic acid)oxytocin see oxytocin, 1-(beta-mercapto-(beta,beta-cyclopentamethylene)propionic acid)-8-ornithine-

8-Orn-(1-deaminopenicillamine)oxytocin see oxytocin, 1-deaminopenicillamine-8-ornithine-

ornicetil
(RN) 37339-58-5
(SY) di-L-ornithine-alpha-ketoglutarate
(SY) ornithine alpha-ketoglutarate
(SY) ornithine 2-oxoglutarate
(HM) ORNITHINE/*analogs

ornithine acetyltransferase see glutamate acetyltransferase

ornithine alpha-ketoglutarate see ornicetil

8-ornithine-1-(beta-mercapto-(beta,beta-cyclopentamethylene)propionic acid)oxytocin see oxytocin, 1-(beta-mercapto-(beta,beta-cyclopentamethylene)propionic acid)-8-ornithine-

8-ornithine- 1-(beta-mercapto-beta,beta-cyclopentamethylenepropionic acid)oxytocin see oxytocin, 1-(beta-mercapto- beta,beta- cyclopentamethylenepropionic acid)-8-ornithine-

ornithine cyclase (deaminating) see ornithine cyclodeaminase

ornithine cyclodeaminase
(RN) EC 4.3.1.12
(SY) ornithine cyclase (deaminating)
(HM) *AMMONIA-LYASES

8-ornithine-(1-deaminopenicillamine)oxytocin see oxytocin, 1-deaminopenicillamine-8-ornithine-

ornithine decarboxylase antizyme
(SY) ODC inhibitor
(SY) ODC antizyme
(SY) antizyme, ornithine decarboxylase
(SY) acidic antizyme, ornithine decarboxylase
(HM) *PROTEINS
(PA) ORNITHINE DECARBOXYLASE/antag
(NO) non-competitive inhibitor of ornithine decarboxylase induced by millimolar concentrations of putrescine

ornithine decarboxylase antizyme inhibitor
(SY) ODC antizyme inhibitor
(HM) *PROTEINS
(NO) found in rat liver; specifically inactivates ornithine decarboxylase antizyme

ornithine 2-oxoglutarate see ornicetil

ornithine translocase see ornithine translocator

ornithine translocator
(SY) ornithine translocase
(HM) *CARRIER PROTEINS
(II) ORNITHINE

ornithylamphotericin methyl ester see SCH 28191

26(or 27)-norcholestane-3,7,12,24,25-pentol see 27-nor-5beta-cholestane-3alpha,7alpha,12alpha,24xi,25xi-pentol

orobronze see canthaxanthin

oroestron see diethylstilbestrol dipropionate

Oropon
(HM) *PANCREATIC EXTRACTS
(NO) powdered pancreatic enzymes

oroselol
(RN) 1891-25-4
(HM) *COUMARINS
(II) PLANT EXTRACTS
(NO) from roots of Heracleum sphondylium L.

orotic acid hydrazide
(RN) 26409-12-1
(HM) OROTIC ACID/*analogs

orotidine
(RN) 314-50-1
(RR) 59669-08-8 (NH4 salt)
(SY) 3-ribofuranosylorotic acid
(SY) 6-carboxyuridine
(HM) URIDINE/*analogs
(NO) RN given refers to parent cpd; structure

orotidine 5'-monophosphate see orotidylic acid

orotidylic acid
(RN) 2149-82-8
(SY) orotidine 5' monophosphate
(SY) 5-(dihydrogen phosphate)orotidine
(HM) *URIDINE MONOPHOSPHATE/analogs
(NO) structure

orotyl-His-Pro-NH2 see CG 3509

orotyl-histidyl-prolinamide see CG 3509

12-ORPA see 12-O-retinoylphorbol-13-acetate

ORS see ORALIT

Orsan
(HM) *DIETARY PROTEINS
(NO) fodder protein produced from carbohydrates by processes that utilize waste

orthene see acephate

ortho-acetylbenzaldehyde see 2-acetylbenzaldehyde

ortho-aminobenzamide see anthranilamide

ortho-aminodiphenyl see 2-aminodiphenyl

ortho-aminohippuric acid see 2-aminohippuric acid

ortho-aminophenol see 2-aminophenol

ortho-aminophenol oxidase see 2-aminophenol oxidase

ortho-aminopyridine see alpha-aminopyridine

orthoarsenic acid see arsenic acid

ortho-benzoquinone dioxime see 2-benzoquinone dioxime

ortho-benzoylbenzaldehyde see 2-benzoylbenzaldehyde

orthoboric acid see boric acid

ortho-bromohippuric acid see 2-bromohippuric acid

ortho-bromophenol see 2-bromophenol

ortho-CBSA see 2-chlorobenzylsulfonamide

ortho-chlorophenol see 2-chlorophenol

ortho-chlorophenyl phosphoro-p-anisidochloridate see 2-chlorophenyl phosphoro-4-anisidochloridate

ortho-chlorotoluene see 2-chlorotoluene

ortho-cresol see 2-cresol

ortho-cresolphthalexon see 2-cresolphthalexon

ortho-cymol see 1-methyl-2-isopropylbenzene

ortho-dinitrobenzene see 1,2-dinitrobenzene

ortho-fluorobenzoic acid see 2-fluorobenzoic acid

ortho-fluorocinnamate see 2-fluorocinnamic acid

ortho-HPPH see 5-(2-hydroxyphenyl)-5-phenylhydantoin

ortho-hydroxyhydroquinonephthalein see 2-hydroxyhydroquinonephthalein

ortho-hydroxymandelic acid see 2-hydroxymandelic acid

ortho-hydroxymercuribenzoate see 2-hydroxymercuribenzoate

ortho-hydroxyphenylacetic acid see 2-hydroxyphenylacetic acid

ortho-iodosobenzoic acid see 2-iodosobenzoic acid

ortho-iodo-sodium benzoate see 2-iodobenzoic acid

ortho-iodoxybenzoic acid see 2-iodoxybenzoic acid

ortho-mercaptobenzoic acid see 2-thiosalicylic acid

1-(ortho-methoxyphenyl)piperazine see 1-(2-methoxyphenyl)piperazine

ortho-methylhippuric acid see 2-methylhippuric acid

ortho-monochlorophenol see 2-chlorophenol

orthomyxovirus hemagglutinin see hemagglutinin glycoproteins, influenza virus

ortho-nitroanisole see 2-nitroanisole

ortho-nitrobenzaldehyde see 2-nitrobenzaldehyde

ortho-nitrobenzyl acetate see 2-nitrobenzyl acetate

ortho-nitrophenol see 2-nitrophenol

ortho-nitrophenyl butyrate see 2-nitrophenyl butyrate

ortho-nitrophenylmaltoside see 2-nitrophenylmaltoside

ortho-nitrophenyl selenocyanate see 2-nitrophenyl selenocyanic acid

ortho-nitrosotoluene see 2-nitrosotoluene

ortho-nitrotoluene see 2-nitrotoluene

Orthonovin see norinyl

ortho novum see norinyl

ortho novum 7-7-7 see Modicon

ortho-octopamine see 2-octopamine

ortho-phenanthroline see ferroin

ortho-phenylenediamine see 1,2-diaminobenzene

ortho-phenylphenate see 2-phenylphenol

orthophosphoric diester phosphohydrolase see phosphodiesterase I

orthoplast
(HM) *POLYMERS
(HM) *TERPENES
(NO) low temperature thermoplastic transpolyisoprene used for molded splints

Orthosan see clorophene

ortho-toluenesulphonamide see 2-toluenesulfonamide

ortho-toluidine see 2-toluidine

ortho-tolylbiguanide see 2-tolylbiguanide

orthovanadate see vanadate

orthoxine see methoxyphenamine

ortho-xylene see 2-xylene

Orth solution
(SY) Orth's solution
(HM) *FORMALDEHYDE
(HM) *POTASSIUM DICHROMATE
(II) FIXATIVES
(NO) solution of formaldehyde & Muller's fluid (potassium dichromate & sodium sulfate)

Orth's solution see Orth solution

oryzalin
(RN) 19044-88-3
(SY) 3,5-dinitro-N,N-di(n-propyl)sulfanilamide
(SY) surflan
(HM) *DINITROBENZENES
(PA) HERBICIDES
(NO) preemergence herbicide; structure

orzin see orcinol

osarsol see acetarsol

OS-ATPase complex see oligomycin sensitivity-conferring protein

OSB-Coa synthase see succinylbenzoyl-CoA synthetase

OSCN- see hypothiocyanite ion

OSCP protein see oligomycin sensitivity-conferring protein

oseine-mineral complex see hydroxyapatite

OsFeCN see osmium ferricyanide

osmium carmine
(RN) 91254-20-5
(HM) *OSMIUM
(HM) *CARMINE
(II) STAINS AND STAINING
(NO) intracellular fat stain

osmium ferricyanide
(SY) OsFeCN
(HM) *FERRICYANIDES
(II) FIXATIVES
(NO) improves microfilament preservation & membrane visualization in a variety of animal cell types

osmium zinc iodide
(RN) 39386-25-9
(SY) zinc iodide-osmium
(HM) *ZINC
(HM) *OSMIUM
(II) STAINS AND STAINING

ossamycin
(RN) 11015-84-2
(HM) AMINOGLYCOSIDES
(PA) ANTIBIOTICS, ANTIFUNGAL
(PA) ANTIBIOTICS

ossopan see hydroxyapatite

ostalloy
(RN) 76093-98-6
(HM) *ALLOYS
(II) RADIATION PROTECTION
(NO) protective shield to reduce scatter dose to the testicle outside of radiation treatment field; composed of 50% bismuth, 26.7% lead, 13.3% tin & 10% cadmium; density 9.38g/cm(3)

osteocalcin
(SY) calcium binding protein, vitamin K dependent
(SY) vitamin K-dependent bone protein
(SY) bone Gla protein
(SY) gla-protein
(SY) bone gamma-carboxyglutamic acid protein
(HM) *CALCIUM-BINDING PROTEINS
(II) VITAMIN K
(II) 1-CARBOXYGLUTAMIC ACID
(II) BONE AND BONES
(NO) rich in vit K dependent Ca-binding amino acid carboxyglutamate; extracted from developing chick bone; no mention of Vit D; contains 3 residues of vitamin K-dependent amino acid, 1-carboxyglutamic acid

osteoclast activating factor
(RN) 64060-24-8
(HM) *LYMPHOKINES
(II) OSTEOCLASTS
(II) BONE RESORPTION
(NO) found in supernatants of cultured human leukocytes; assayed by ability to stimulate bone resorption in organ culture in mechanism of localized bone loss

osteonectin
(HM) *CARRIER PROTEINS
(NO) bone-specific protein which binds selectively to hydroxyapatite & collagen

osteosarcoma-derived soluble bone morphogenetic protein see bone morphogenetic protein

osteoscan see technetium Tc 99m etidronate

osteoscan-HDP see technetium Tc 99m hydroxymethylene diphosphonate

osteum
(RN) 143-19-1
(SY) sodium oleate
(HM) *OLEIC ACIDS

ostodin
(RN) 85527-84-0
(SY) delta 5,6-7-hydroperoxy-12-O-undecadienoylphorbol-13-acetate
(SY) NSC 353862
(SY) NSC-353862
(HM) *PHORBOL ESTERS
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(NO) from Ostodes paniculata (Euphorbiaceae): structure given in first source

osto-zyme
(HM) *ENZYMES
(II) DEODORANTS
(NO) multienzyme biocatalytic odor eliminator

ostreogrycin see virginiamycin

OS-4742A(1) see vineomycin A1

OS-4742A1 see vineomycin A1

OS-4742B2 see vineomycin B2

OT-GKR see oxytocin, Gly-Lys-Arg-

otilonium bromide see octylonium

OTMCPA see
2-oxo-delta(3)-4,5,5-trimethylcyclopentenylacetic acid

OTMCPA CoA oxygenase see
2-oxo-delta(3)-4,5,5-trimethylcyclopentenylacetyl-CoA oxygenase

OTMPMMS see
1-oxyl-2,2,5,5-tetramethylpyrroline-3-methyl) methanethiosulfonate

OTOS see N-oxydiethylenethiocarbamoyl-N-oxydiethylene sulfenamide

Otosporin see Cortisporin

N-1-OTPM see
N-(1-oxyl-2,2,5,5-tetramethyl-3-pyrrolidinyl)maleimide

oTPN see 2',3'-dialdehyde NADP

oTPNH see 2',3'-dialdehyde NADP

otrivin see xylometazoline

OTS see 2-toluenesulfonamide

12-OTTPA see
12-O-tetradeca-2,4,6,8-tetranoylphorbol-13-acetate

L-2-OTZD-4-CXA see L-2-oxothiazolidine-4-carboxylate

ouabagenin
(RN) 508-52-1
(SY) g-strophanthidin
(SY) 1 beta,3 beta,5,11 alpha,14,19- hexahydroxy-5 beta-card-20(22)-enolide
(HM) OUABAIN/*analogs
(NO) inhibitor of ATPASE; structure

ouabain binding sites see cardiac glycoside receptor

ouabain receptor see cardiac glycoside receptor

ouabain receptors see cardiac glycoside receptor

oudemansin
(RN) 73341-71-6
(SY) oudemansin B
(SY) 5-Hexenoic acid, 4-methoxy-2-(methoxymethylene)-3-methyl-6-phenyl-, methyl ester, (2E,3R*,4R*, 5E)-(-)-
(HM) ACRYLATES
(PA) ANTIBIOTICS, ANTIFUNGAL
(NO) strong antifungal properties & inhibits respiration in fungi, cells of ascitic form of EHRLICH carcinoma & rat liver mitochondria; structure; biological activity depends on methoxyacrylate moiety

oudemansin B see oudemansin

oudenone
(RN) 31323-50-9
(SY) (S)-2-(4,5-dihydro-5-propyl-2(3H)- furylidene)-1,3-cyclopentanedione
(HM) *CYCLOPENTANES
(PA) HYDROXYLASES/antag
(NO) tyrosine hydroxylase inhibitor; structure

Outfox see cyprazine

ovalbumin galactosyltransferase see
UDPgalactose-ovalbumin galactosyltransferase

ovalicin
(RN) 19683-98-8
(HM) *SESQUITERPENES
(PA) IMMUNOSUPPRESSIVE AGENTS
(NO) sesquiterpene isolated from culture filtrate of fungus Pseudorotium ovalis; shows antitumor activity; structure

ovandrotone-albumin see polyandroalbumin

ovanon see Noracycline

Ovaras see bisecurin I

ovarian tumor associated antigen
(SY) antigen NB-70K
(HM) *ANTIGENS, NEOPLASM

ovex
(RN) 80-33-1
(SY) 4-chlorophenyl 4-chlorobenzenesulfonate
(SY) ovotran
(SY) chlorfenson
(HM) *BENZENESULFONATES
(PA) INSECTICIDES, ORGANOCHLORINE
(NO) structure

ovidol see oviol

ovidon see stediril

ovine pancreatic icosapeptide see pancreatic eicosapeptide

ovine trophoblastic protein see trophoblastin

oviol
(SY) ovidol
(HM) *ETHINYL ESTRADIOL
(HM) *NORPREGNENES
(HM) CONTRACEPTIVES, ORAL, COMBINED
(NO) contraceptive regimen; dosage: for 7 days 0.05 mg ethinyl estradiol, for 15 days combination of ethinyl estradiol & desogestrel

ovocyclin see estradiol dipropionate

ovoinhibitor
(RN) 62449-23-4
(SY) chicken ovoinhibitor
(HM) *EGG PROTEINS
(PA) PROTEASE INHIBITORS
(NO) prepared from chicken ovomucoid by salt fractionation; egg-white glycoprotein with MW of 48,000; multiheaded inhibitor of several mammalian serine pancreatic proteinases

ovomacroglobulin
(SY) hen egg white ovomacroglobulin
(HM) *MACROGLOBULINS
(PA) PROTEASE INHIBITORS
(II) EGG PROTEINS
(NO) macroglobulin from freshly laid egg white with protease inhib activity toward trypsin, papain, & thermolysin; contains 4 subunits of equal MW(175,000); subunit & amino acid comp related to human serum alpha-2 macroglobulin

ovomucin inhibitors see ovomucoid inhibitors

ovomucoid inhibitors
(SY) ovomucin inhibitors
(HM) *TRYPSIN INHIBITOR, KAZAL PANCREATIC
(PA) OVOMUCIN/antag
(NO) belong to pancreatic secretory trypsin inhibitor (Kazal) family

ovoresta M see Ministat

ovosiston
(RN) 8065-91-6
(SY) aconcen
(SY) C-quens
(SY) AK 103
(SY) estirona
(SY) sequens
(SY) gestranol
(SY) femigen
(SY) sequence-ovosiston
(HM) *MESTRANOL
(HM) *CHLORMADINONE
(HM) CONTRACEPTIVES, ORAL, COMBINED
(II) CONTRACEPTIVES, ORAL, SEQUENTIAL
(NO) combination of mestranol & chlormadinone

ovostatin
(RN) 86697-40-7
(HM) *EGG PROTEINS
(PA) PROTEASE INHIBITORS
(NO) found in chicken egg white; has strong anti-collagenase activity; MW 380,000; tetramer with identical subunits linked in pairs by disulfide bonds

ovotrax see ovex

ovral see stediril

ovulation hormone, Lymnaea
(SY) CDCH
(HM) *INVERTEBRATE HORMONES
(II) LYMNAEA

ovulen see bisecurin I

Ovulen-50 see SC-11800 EE

OV-225
(RN) 63148-53-8
(SY) Optosil
(SY) Optosil Hard
(SY) PMS-100
(HM) *SILICONES
(II) DENTAL IMPRESSION MATERIALS
(NO) RN given refers to cpd with unknown MF

oxa-1 beta-lactamase see oxacillin beta-lactamase

OXA-2 beta lactamase see oxacillin beta-lactamase

7-oxabicyclo(2.2.1)heptane PGH2 see SQ 24775

7-oxabicyclo(2.2.1)-5-heptene-2,3-dicarboxylic anhydride
(RN) 5426-09-5
(SY) 7-OHD
(HM) *BICYCLO COMPOUNDS
(PA) ANTINEOPLASTIC AGENTS
(NO) structure

3-oxabicyclo(10.3.0)pentadec-6-ene see muscogene

oxacephem 6315-S see S 6315

oxacillin beta-lactamase
(RN) EC 3.5.2.-
(SY) beta-lactamase OXA-2
(SY) OXA-2 beta lactamase
(SY) oxa-1 beta-lactamase
(HM) *BETA-LACTAMASES

oxadiazon
(RN) 19666-30-9
(SY) 2-(tert-butyl)-4-(2,4-dichloro-5-isopropyloxy-phenyl) delta(2)-1,3,4-oxadiazoline-5-one
(HM) *OXADIAZOLES
(PA) HERBICIDES
(NO) active ingredient of Ronstar, manufactured by the Societe Rhone-poulenc, France; structure

oxadilene
(HM) *PAPAVERINE
(HM) *BUTALAMINE
(HM) DRUG COMBINATIONS
(PA) VASODILATOR AGENTS
(NO) combination of above 2 cpds used in treating ulcers of arterial & venous origin

oxadine A
(RN) 51200-87-4
(SY) 4,4-dimethyl-1,3-oxazolidine
(HM) *OXAZOLES
(PA) ANTI-INFECTIVE AGENTS, LOCAL

oxaflozane
(RN) 26629-87-8
(RR) 26629-86-7 (HCl)
(SY) 1766 CERM
(SY) 2-(3-trifluoromethylphenyl)-4-isopropyltetrahydro-1,4-oxazine
(HM) *MORPHOLINES
(PA) ANTIDEPRESSIVE AGENTS
(NO) RN given refers to parent cpd; synonym 1766 CERM refers to HCl; structure

oxafun
(RN) 37244-87-4
(HM) *CARBOXIN
(HM) *THIRAM
(PA) FUNGICIDES, INDUSTRIAL
(NO) combination of carboxin and tiuram

oxalacetic acid
(RN) 328-42-7
(RR) 59866-27-2 (Mn(2+)[2:1] salt)
(RR) 59866-24-9 (Mn(2+)[1:1] salt)
(RR) 59866-22-7 (Mg[2:1] salt)
(RR) 59866-21-6 (mono-Mg salt)
(RR) 26995-89-1 (di-NH4 salt)
(RR) 24567-12-2 (Na salt)
(RR) 300-01-6 (di-Na salt)
(RR) 83607-27-6 (11C-labeled cpd)
(SY) oxaloacetic acid
(SY) oxaloacetate
(HM) *OXALOACETATES
(NO) RN given refers to unlabeled cpd

oxalate see oxalic acid

oxalate carboxy-lyase see oxalate decarboxylase

oxalate decarboxylase
(RN) EC 4.1.1.2
(SY) oxalate carboxy-lyase
(HM) *CARBOXY-LYASES

oxalate oxidase
(RN) EC 1.2.3.4
(HM) *OXIDOREDUCTASES

4-oxalcitramalate aldolase
(RN) EC 4.1.3.-
(SY) Pseudomonas ochraceae enzyme II
(HM) *ALDEHYDE-LYASES
(NO) cleaves 4-oxalcitramalate to pyruvate & oxalacetate in presence of MgCl2; also cleaves 4-hydroxy-4-methyloxoglutarate into pyruvate

oxalic acid
(RN) 144-62-7
(RR) 30737-19-0 (Cr(+3)[3:2] salt)
(RR) 6153-56-6 (dihydrate)
(RR) 814-90-4 (Cr(+2)[1:1] salt)
(SY) oxalate
(SY) sodium oxalate
(SY) chromium oxalate
(SY) potassium chromium oxalate
(SY) magnesium oxalate
(SY) ferric oxalate
(HM) *OXALATES
(NO) RN given refers to parent cpd; more than 12 isomers or salts available in Chemline

oxalic acid diamide see oxamide

4-oxalmesaconate hydro-lyase
(RN) EC 4.2.1.-
(SY) Pseudomonas ochraceae enzyme I
(HM) *HYDRO-LYASES
(NO) converts 4-oxalmesaconate ((E)-3-carboxy-5-oxo-2-hexenedioic acid) to 4-oxalcitramalate

4-oxalmesaconic acid
(RN) 85179-60-8
(SY) 3-carboxy-5-oxo-2-hexenedioic acid
(HM) *TRICARBOXYLIC ACIDS
(NO) structure given in first source

oxaloacetate see oxalacetic acid

oxaloacetate decarboxylase
(RN) EC 4.1.1.3
(HM) *CARBOXY-LYASES

oxaloacetic acid see oxalacetic acid

oxalocrotonate
(RN) 31540-68-8
(HM) *CROTONATES
(NO) RN given refers to 4-oxalocrotonate

oxalurate see oxaluric acid

oxaluric acid
(RN) 585-05-7
(SY) carbamoyloxamic acid
(SY) oxalurate
(HM) *OXAMIC ACID/analogs

oxalylaminoalanine see oxalyldiaminopropionic acid

2-oxalylamino-3-aminopropionic acid see beta-N-oxalylaminoalanine

3-oxalylamino-2-aminopropionic acid see oxalyldiaminopropionic acid

oxalylbis(methionyl-4-nitrophenyl ester)
(RN) 87498-79-1
(SY) oxalyl-(Met-ONP)2
(HM) *OXALATES
(II) CROSS-LINKING REAGENTS

oxalyldiaminopropionic acid
(RN) 7554-90-7
(RR) 58086-31-0 ((D-Ala)-isomer)
(RR) 5302-45-4 ((L-Ala)-isomer)
(SY) (2-amino-2-carboxymethyl)-L-oxamic acid
(SY) carboxycarbonyl-aminoalanine
(SY) lathyrus neurotoxin
(SY) ODAP
(SY) dencichine
(SY) dencichin
(SY) 3-oxalylamino-2-aminopropionic acid
(SY) oxalylaminoalanine
(HM) *AMINO ACIDS, DIAMINO
(PA) TOXINS
(NO) neurotoxin found in peas of certain vetches (legumes of genus Lathyrus); the causative factor in human & domestic animal neurolathyrism; minor descriptor (75-84); on-line & Index Medicus search AMINO ACIDS, DIAMINO (75-84); RN given refers to cpd without isomeric designation

oxalylglycine
(RN) 5262-39-5
(HM) *AMINO ACIDS, DICARBOXYLIC
(NO) structure given in first source

oxalyl-(Met-ONP)2 see oxalylbis(methionyl-4-nitrophenyl ester)

4-oxalysine
(RN) 997-44-4
(RR) 15219-97-3 ((L)-isomer)
(RR) 10367-17-6 ((DL)-isomer)
(SY) I-667
(SY) 3-(2-aminoethoxy)alanine
(HM) SERINE/*analogs
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) from Streptomyces reseoviridofuscus; RN given refers to cpd without isomeric designation

oxametacine see oxamethacin

oxamethacin
(RN) 27035-30-9
(SY) oxametacine
(SY) Flogar
(SY) 1-(4-chlorobenzoyl)-methyl-5-methoxy-3-indolylacetohydroxamic acid
(HM) INDOMETHACIN/*analogs
(PA) ANTI-INFLAMMATORY AGENTS
(NO) structure

oxamide
(RN) 471-46-5
(SY) oxalic acid diamide
(HM) *OXAMIC ACID/analogs
(NO) induces hydronephrosis in rat kidneys; structure

oxamyl
(RN) 23135-22-0
(RR) 68794-04-7 (Oxamyl 1211)
(RR) 53028-94-7 (Oxamyl 4509)
(SY) N',N'-dimethyl-N-((methylcarbamoyl)oxy)-1-thiooxamimidate
(SY) DPX 1410
(SY) Vydate
(HM) *CARBAMATES
(PA) INSECTICIDES, CARBAMATE
(PA) ANTINEMATODAL AGENTS
(NO) RN given refers to parent cpd; structure

oxanilic acid
(RN) 500-72-1
(RR) 35557-40-5 (mono-Na salt)
(HM) *OXAMIC ACID/analogs
(NO) RN given refers to parent cpd; structure

oxanol VI see oxonol VI

oxanosine
(RN) 80394-72-5
(SY)
5-amino-3-beta-D-ribofuranosyl-3H-imidazo(4,5-d)(1,3)oxazin-7-one
(HM) RIBONUCLEOSIDES
(PA) ANTIBIOTICS
(NO) from Streptomyces capreolus MG265-CF3; has weak anti-bacterial action; structure in first source

oxantel
(RN) 36531-26-7
(RR) 34834-86-1 (mono-HCl(E)-isomer)
(RR) 71865-30-0 (tartrate[1:1](R-(R*,R*))-isomer)
(RR) 26787-21-3 (tartrate)
(SY) CP-14,445
(SY) 1,4,5,6-tetrahydro-2-(3-hydroxy styryl)-1-methylpyrimidine
(SY) CP 14,445
(HM) PYRANTEL/*analogs
(PA) ANTHELMINTICS
(PA) ANTINEMATODAL AGENTS
(NO) oxyphenyl analog of pyrantel; RN given refers to (E)-isomer; cpd without isomeric designation not in Chemline 7/13/83; synonym CP-14,445-16 refers to oxantel pamoate

oxantel pamoate
(RN) 68813-55-8
(HM) PYRANTEL/*analogs
(PA) ANTINEMATODAL AGENTS
(PA) ANTHELMINTICS

oxanthromicin
(HM) ANTHRAQUINONES
(PA) ANTIBIOTICS, ANTIFUNGAL
(NO) from Actinomadura sp. SCC 1646; structure given in first source

oxapadol
(RN) 56969-22-3
(SY) MD 720111
(SY) 4,5-dihydro-1-phenyl-1,4-epoxy-1 H,3 H-(1,4) oxazepino(4,3-a)benzimidazole
(HM) *BENZIMIDAZOLES
(PA) ANALGESICS
(NO) structure given in first source

5-oxa-17-phenyl-18,19,20-trinor PGF1 alpha methyl ester see 5-oxa-17-phenyl-18,19,20-trinor prostaglandin F1 alpha methyl ester

5-oxa-17-phenyl-18,19,20-trinor prostaglandin F1 alpha methyl ester
(RN) 55444-88-7
(SY) 5-oxa-17-phenyl-18,19,20-trinor PGF1 alpha methyl ester
(SY) OPT-PGF1 ME
(HM) *PROSTAGLANDINS F, SYNTHETIC
(PA) ABORTIFACIENT AGENTS, NON-STEROIDAL
(NO) RN given refers to (1R-(1alpha,2beta(1E,3S*),3alpha,5alpha))-isomer; RN for cpd without isomeric designation not in Chemline 7/84

oxaprostynoic acids
(HM) *FATTY ACIDS, UNSATURATED
(PA) PROSTAGLANDIN ANTAGONISTS
(NO) oxaprostynoic acids, in which the oxa group & alkyne group maybe in any position. Inhibit prostaglandin biosynthesis from arachidonate by prostaglandin synthase preparation; also antagonize prostaglandin actions on smooth muscle; minor descriptor (75-85); on-line & Index Medicus search FATTY ACIDS, UNSATURATED (75-85)

oxaprotiline see hydroxymaprotilin

oxaprozin
(RN) 21256-18-8
(SY) Wy-21,743
(SY) 4,5-diphenyl-2-oxazolepropionic acid
(HM) *PROPIONIC ACIDS
(PA) ANTI-INFLAMMATORY AGENTS
(NO) structure

oxarbazole
(RN) 35578-20-2
(SY)
9-benzoyl-1,2,3,4-tetrahydro-6-methoxycarbazole-3-carboxylic acid
(HM) *CARBAZOLES
(PA) BRONCHODILATOR AGENTS
(NO) antagonist of slow-reacting substance of anaphylaxis; structure

oxathiol
(RN) 19872-36-7
(SY) 2-(2,3-dimercaptopropoxy)ethanesulfonate sodium
(SY) oxatiol
(HM) *SULFHYDRYL COMPOUNDS
(II) CHELATING AGENTS
(NO) reagent which complexes with polonium; used to remove absorbed doses of Po-210 in rats; structure

oxatimide
(RN) 60607-34-3
(SY) R 35443
(SY) oxatomide
(SY) R35443
(SY) KW 4354
(SY) KW-4354
(HM) *PIPERAZINES
(PA) HISTAMINE H1 RECEPTOR BLOCKADERS
(NO) structure

oxatiol see oxathiol

oxatomide see oxatimide

3-oxauracil
(RN) 34314-63-1
(SY) 2,3-dihydro-1,3-6H-oxazinedione
(SY) 1,3-oxazine-2,6-dione
(HM) *OXAZINES
(PA) ANTIMETABOLITES
(PA) ANTIVIRAL AGENTS
(NO) structure

oxazepam glucuronide
(RN) 6801-81-6
(RR) 70354-89-1 ((R)-isomer)
(RR) 70354-88-0 ((S)-isomer)
(HM) OXAZEPAM/*analogs
(NO) RN given refers to cpd without isomeric designation

1,3-oxazine-2,6-dione see 3-oxauracil

oxazinomycin see minimycin

oxazolam
(RN) 24143-17-7
(RR) 27167-30-2 ((trans)-isomer)
(SY) oxazolazepam
(SY) 10-chloro-2,3,7,11b-tetrahydro-2-methyl-11b-phenylbenzo(6,7)(1,4)diazepino(5,4-b) oxazol-6- one
(HM) *BENZODIAZEPINONES
(PA) BENZODIAZEPINE TRANQUILIZERS
(NO) RN given refers to cpd without isomeric designation

oxazolazepam see oxazolam

2,4-oxazolidenedione
(RN) 2346-26-1
(RR) 12770-97-7 (unspecified oxygen locants)
(HM) *OXAZOLES
(NO) structure given in first source

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oxcarbazepine
(RN) 28721-07-5
(SY) GP 47680
(HM) CARBAMAZEPINE/*analogs
(PA) ANTICONVULSANTS

oxdralazine
(RN) 17259-75-5
(RR) 27464-23-9 (di-HCl)
(SY) DL 150 IT
(SY) 3-hydrazino-6-(N,N-bis(2-hydroxyethyl)amino) pyridazine.di-HCl
(SY) L-6150
(SY) L 6150
(SY) hydrazinopyridazine
(SY) 3-(bis(2-hydroxyethyl)amino)-6-hydrazinopyridazine
(HM) *PYRIDAZINES
(HM) *ETHANOLAMINES
(PA) ANTIHYPERTENSIVE AGENTS
(PA) VASODILATOR AGENTS
(NO) RN & N1 given for parent; oxdralazine, L-6150, & DL 150 IT are for di-HCl; hydrazinopyridazine is used as shortened name for this cpd; named as 3-hydrazino- or 6-hydrazino- depending on which numbering system used; RN given refers to parent cpd; structure in Negwer, 5th ed, #862

oxendolone see TSAA 291

oxepinac
(RN) 55689-65-1
(RR) 66686-34-8 (mono-Na salt)
(SY) DD-3314
(SY) 6,7-dihydro-11-oxodibenz(b,e)oxepin-3-acetic acid
(HM) *DIBENZOXEPINS
(HM) *ACETIC ACIDS
(PA) ANTI-INFLAMMATORY AGENTS
(NO) non-steroidal anti-inflammatory drug; RN given refers to parent cpd; structure in first source & Negwer, 5th ed, #6399

2-Oxetanone, 3-ethyl-4-(8-hydroxy-1,3,5,7,9-pentamethyl-6-oxo-3-undecenyl)- see ebelactone B

2-Oxetanone, 4-(8-hydroxy-1,3,5,7,9-pentamethyl-6-oxo-3-undecenyl)-3-methyl- see ebelactone A

oxetin
(SY) 3-amino-2-oxetane carboxylic acid
(HM) ETHERS, CYCLIC
(PA) ANTIBIOTICS
(NO) isolated from Streptomyces sp. OM-2317; structure given in first source

oxetorone
(RN) 26020-55-3
(RR) 34522-46-8 (fumarate(E)-isomer)
(SY) Nocertone
(SY) 6-(3-dimethylamino-1-propylidene) benzofuro(2,3- e)-12H-benzo(b)oxepine fumarate
(SY) oxetorone fumarate
(HM) *BENZOXEPINS
(NO) treatment of migraine; RN given refers to parent cpd; structure

oxetorone fumarate see oxetorone

oxfendazole
(RN) 53716-50-0
(RR) 74759-05-0 (mono-HCl)
(SY) methyl 5(6)-phenylsulfinyl-2-benzimidazolecarbamate
(SY) RS 8858
(SY) synanthic
(HM) *BENZIMIDAZOLES
(PA) ANTHELMINTICS
(PA) NEMATOCIDES
(NO) structure; RN given refers to parent cpd

oxfeniciae see 4-hydroxyphenylglycine

4-OX-5-HY dehydrogenase see 4-oxo-5-hydroxyvalerate dehydrogenase

oxibendazole
(RN) 20559-55-1
(SY) methyl 5-n-propoxy-2-benzimidazolecarbamate
(HM) *BENZIMIDAZOLES
(PA) ANTHELMINTICS
(NO) structure

oxiconazole
(RN) 64211-45-6
(RR) 64211-46-7 (mono-nitrate(Z)-isomer)
(SY) Sgd 301-76
(SY) (Z)-1-(2,4-dichlorophenyl)-2-(1H-imidazol-1-yl)-O-(2,4-dichlorobenzyl) ethanone oxime nitrate
(SY) oxiconazole nitrate
(SY) oxyconazole
(SY) RO-13-8996
(HM) *IMIDAZOLES
(PA) ANTIFUNGAL AGENTS
(NO) RN given refers to parent cpd(Z)-isomer; RN for cpd without isomeric designation not in Chemline 7/84; structure given in first source

oxiconazole nitrate see oxiconazole

oxidized glutathione see glutathione disulfide

oxidized methionine enkephalin see enkephalin-Met, sulfoxide-

5(6)-oxido-7,9,11,14-eicosatetraenoic acid see leukotriene A

5(6)-oxidoeicosatrienoic acid see 5,6-epoxy-8,11,14-eicosatrienoic acid

5(6)-oxido-8,11,14-eicosatrienoic acid see 5,6-epoxy-8,11,14-eicosatrienoic acid

2,3-oxidosqualene-beta-amyrin-cyclase
(RN) EC 5.4.99.-
(SY) 2,3-oxidosqualene-beta-amyrin cyclase
(HM) *ISOMERASES

2,3-oxidosqualene-beta-amyrin cyclase see 2,3-oxidosqualene-beta-amyrin-cyclase

oxido-squalene cyclase see 2,3-oxidosqualene-lanosterol cyclase

2,3-oxidosqualene lanosterol cyclase see 2,3-oxidosqualene-lanosterol cyclase

2,3-oxidosqualene-lanosterol cyclase
(RN) EC 5.4.99.7
(RR) 9032-71-7 (CRN)
(SY) oxido-squalene cyclase
(SY) 2,3-oxidosqualene lanosterol cyclase
(HM) *ISOMERASES

2,3-oxidosqualene
(RN) 7200-26-2
(RR) 54910-49-5 ((all-E)-(+-)-isomer)
(RR) 55058-27-0 ((R)-isomer)
(RR) 54910-50-8 ((R-(all-E))-isomer)
(RR) 55058-26-9 ((S)-isomer)
(RR) 54910-48-4 ((S-(all-E))-isomer)
(SY) squalene-2,3-oxide
(SY) squalene-2,3-epoxide
(SY) 2,3-epoxy-2,3-dihydrosqualene
(SY) 2,3-EDSQ
(SY) squalene peroxide
(HM) SQUALENE/*analogs
(NO) RN given refers to (all-Z)-isomer; cpd without isomeric designation not in Chemline 7/12/83

4-(1-oxidothiomorpholino)-8-phenethylthio-5-piperazinylpyrimido(5,4-d)pyrimidine see RX-RA 85

oxiferriscarbon see oxyferriscorbone

oxilidine see benzoclidine

oxilofrin
(RN) 52671-39-3
(RR) 85482-66-2 ((R-(R*,S*))-isomer)
(RR) 74217-46-2 (HCl)
(RR) 67381-70-8 ((R*,R*)-(+-)-isomer)
(RR) 55098-94-7 (HCl(R*,S*)-(+-)-isomer)
(RR) 34597-44-9 ((R*,S*)-(+-)-isomer)
(RR) 7437-54-9 (HCl(R*,R*)-(+-)-isomer)
(RR) 942-51-8 (HCl(R*,S*)-isomer)
(RR) 365-26-4 ((R*,S*)-isomer)
(SY) oxilofrine
(SY) 1-(4-hydroxyphenyl)-2-methylaminopropanol
(SY) 4-hydroxyephedrine
(SY) para-hydroxyephedrine
(SY) 1-(4'-hydroxyphenyl)-2-methylaminopropanol
(SY) suprifen
(HM) EPHEDRINE/*analogs
(PA) SYMPATHOMIMETICS
(NO) RN given refers to cpd without isomeric designation; structure

oxilofrine see oxilofrin

oxilorphan
(RN) 42281-59-4
(RR) 52305-98-3 (HCl)
(RR) 55250-01-6 (HCl(9alpha,13alpha,14alpha)-isomer)
(RR) 84416-14-8 ((14alpha)-(+-)-isomer)
(RR) 58115-99-4 ((14alpha)-isomer)
(RR) 51491-04-4 ((+-)-isomer)
(RR) 42281-60-7 (tartrate(R-(R*,R*))-isomer)
(RR) 42281-48-1 (HCl(+-)-isomer)
(RR) 39695-17-5 (tartrate[2:1](R-(R*,R*))-isomer)
(SY) L-N-cyclopropylmethyl-3,14-dihydroxymorphinan
(HM) *CYCLORPHAN/analogs
(PA) NARCOTIC ANTAGONISTS
(NO) RN given refers to cpd without isomeric designation

2-oximinopropanoic acid
(RN) 2211-14-5
(RR) 20230-94-8 (ion(1-))
(SY) pyruvic oxime
(SY) pyruvatoxime
(HM) *PROPIONIC ACIDS
(NO) RN given refers to parent cpd

oxindolylalanine
(RN) 32999-55-6
(SY) oxindolyl-L-alanine
(HM) ALANINE/*analogs
(NO) RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 4/85; structure given in first source

oxindolyl-L-alanine see oxindolylalanine

oxine-5-sulfonic acid see 8-hydroxyquinoline-5-sulfonic acid

oxiperomide
(RN) 5322-53-2
(SY) 1-(1-(2-phenoxyethyl)-4-piperidyl)-2-benzimidazolone
(SY) R 4714
(SY) oxyperomide
(HM) *BENZIMIDAZOLES
(PA) TRANQUILIZING AGENTS, MAJOR
(NO) dopamine-blocking agent

oxipor VHC
(SY) oxipor VHC lotion
(HM) *COAL TAR
(HM) *POLYSORBATES
(HM) *SALICYLIC ACIDS
(HM) *BENZOCAINE
(HM) DRUG COMBINATIONS
(NO) non-prescription psoriasis lotion containing coal tar solution, polysorbate 80 in alcohol, salicylic acid & benzocaine

oxipor VHC lotion see oxipor VHC

oxiracetam
(RN) 62613-82-5
(SY) ISF 2522
(SY) ISF-2522
(HM) *PYRROLIDINES
(NO) structure in first source

1-oxiranylpyrene
(RN) 92078-74-5
(HM) *PYRENES
(NO) RN & structure given in first source; RN not in Chemline 1/85

oxirapentyn
(RN) 88205-90-7
(HM) ALKYNES
(PA) ANTIBIOTICS
(NO) from fungus Beauveria felina Sank 19682; RN from CA; structure given in first source

oxitol see 2-ethoxyethanol

oxitropium
(RN) 30286-75-0
(RR) 39949-53-6 (iodide(R)-isomer)
(RR) 17812-50-9 (iodide(S)-isomer)
(SY) (8r)-6 beta,7 beta-epoxy-8-ethyl-3 alpha((-)-tropoyl)-1 alpha H, 5 alpha H-tropanium bromide
(SY) Ba 253
(SY) oxytropium bromide
(SY) oxitropium bromide
(SY) Ba 253Br
(SY) Ba-253
(SY) Ba-253Br
(SY) Ventilat
(HM) *SCOPOLAMINE DERIVATIVES
(PA) PARASYMPATHOLYTICS
(NO) RN given refers to bromide; RN for parent cpd not in Chemline 7/12/83; structure

oxitropium bromide see oxitropium

oxmetidine
(RN) 72830-39-8
(RR) 63204-23-9 (di-HCl)
(SY) SK&F 92994
(HM) *IMIDAZOLES
(PA) HISTAMINE H2 RECEPTOR BLOCKADERS
(NO) specific histamine H2 receptor antagonist with MW around 1.8 times that of cimetidine; differs from cimetidine by carrying an isocytosine ring instead of a cyanoguanidine in side chain; RN given refers to parent cpd

3-oxo-acid CoA-transferase see 3-ketoacid CoA-transferase

2-oxo acid dehydrogenase see 2-oxoisovalerate dehydrogenase (lipoamide)

3-oxoacyl-(acyl-carrier-protein) reductase
(RN) EC 1.1.1.100
(SY) ketoacyl reductase
(SY) beta-ketoacyl reductase
(HM) *ALCOHOL OXIDOREDUCTASES

3-oxoadipate CoA-transferase
(RN) EC 2.8.3.6
(SY) beta-ketoadipate succinyl-CoA transferase
(HM) *SULFURTRANSFERASES

3-oxoadipate enol-lactonase
(RN) EC 3.1.1.24
(RR) 9031-04-3 (CRN)
(SY) beta-ketoadipate enol-lactone hydrolase
(HM) *CARBOXYLIC ESTER HYDROLASES

2-oxoadipic acid see alpha-ketoadipic acid

3-oxoadipic acid
(RN) 689-31-6
(RR) 24940-58-7 (di-Na salt)
(SY) beta-oxoadipic acid
(SY) beta-ketoadipic acid
(SY) 3-ketoadipic
(SY) beta-ketoadipate
(HM) *ADIPIC ACIDS
(NO) RN given refers to parent cpd

2-oxoaldehyde dehydrogenase
(RN) EC 1.2.1.23
(SY) alpha-ketoaldehyde dehydrogenase
(SY) 2-ketoaldehyde dehydrogenase
(HM) *ALDEHYDE OXIDOREDUCTASES

3-oxo-1,4-androstadiene-17-ol undecylenate see boldenone undecylenate

16-oxoandrostenediol see 3 beta,17 beta-dihydroxyandrost-5-en-16-one

oxo-ATP see 2',3'-dialdehyde ATP

3-(7-oxo-1-aza-4-oxabicyclo(3.2.0)hept-3-yl)alanine see Ro 22-5417

3-oxo-5 beta-cholan-24-oic acid see 3-oxocholan-24-oic acid

3-oxo-5 beta-steroid delta 4-dehydrogenase
(RN) EC 1.3.99.6
(RR) 9067-97-4 (CRN)
(SY) steroid 5 beta-reductase
(SY) testosterone 5 beta-reductase
(SY) 4-ene-5 beta-reductase
(SY) delta(4)-3-ketosteroid-5 beta-reductase
(HM) *OXIDOREDUCTASES
(NO) do not confuse with EC 1.3.1.23 (cholestenone 5 beta-reductase) which is also steroid 5 beta-reductase in Chemline

2-oxobutanoate see alpha-ketobutyric acid

1-(1-oxobutyl)-4-(3-phenyl-2-propenyl)piperazine.HCl see AP-237

2-oxo-3-butynoate see 2-keto-3-butynoic acid

oxobutyrate see acetoacetic acid

3-oxobutyric acid see acetoacetic acid

2-oxocarboxylate reductase
(RN) EC 1.1.1.-
(HM) *ALCOHOL OXIDOREDUCTASES
(NO) from various clostridia; acts on phenylpyruvate & 2-oxo-H-methylpentanoate

3-oxocholan-24-oic acid
(RN) 1553-56-6
(SY) dehydrolithocholic acid
(SY) 3-oxo-5 beta-cholan-24-oic acid
(HM) LITHOCHOLIC ACID/*analogs
(NO) RN given refers to (5beta)-isomer; RN for cpd without isomeric designation not in Chemline 9/85

3-oxo-cholanyl-delta 4-dehydrogenase
(RN) EC 1.3.99.-
(HM) *OXIDOREDUCTASES

3-oxochol-4-en-24-oic acid
(RN) 1452-29-5
(HM) LITHOCHOLIC ACID/*analogs

22-oxocholesterol see 22-ketocholesterol

7-oxocholesterol see 7-ketocholesterol

3-oxo-CoA transferase see 3-ketoacid CoA-transferase

18-oxocortisol
(RN) 2410-60-8
(SY) 11 beta,17 alpha,21-trihydroxy-3,20-diketo-4-pregnene-18-al
(HM) HYDROCORTISONE/*analogs
(NO) biosynthesized by aldosterone-producing adrenal tissue; structure given in first source

N-(2-oxo-3,5,7-cycloheptatrien-1-yl)aminooxoacetic acid ethyl ester see AY 25,674

2-(4-((2-oxocyclohexylidene)methyl) phenyl)propionic acid
(RN) 69956-77-0
(SY) 2-OCMPP
(HM) *PHENYLPROPIONATES
(PA) ANALGESICS, ANTI-INFLAMMATORY
(NO) RN & structure given in first source: RN not in Chemline 3/84

2-(4-((2-oxocyclopentyl)methyl)phenyl)propionic acid see loxoprofen

19-oxo-delta(4) androstene-3,17-dione
(RN) 968-49-0
(RR) 82183-68-4 ((18)O-labeled cpd)
(SY) 19-keto-delta(4) androstene-3,17-dione
(SY) 4-androstene-3,17-dione-19-al
(HM) ANDROSTENEDIONE/*analogs
(NO) RN given refers to unlabeled parent cpd

11-oxo-delta(8)-tetrahydrocannabinol
(RN) 53865-18-2
(SY) 11-oxo-THC
(HM) TETRAHYDROCANNABINOL/*analogs
(NO) metabolite of THC

2-oxo-delta(3)-4,5,5-trimethylcyclopentenylacetic acid
(RN) 1130-49-0
(SY) OTMCPA
(HM) *CYCLOPENTANES
(NO) structure given in first source

2-oxo-delta(3)-4,5,5-trimethylcyclopentenylacetyl-CoA oxygenase
(RN) EC 1.14.13.-
(SY) OTMCPA CoA oxygenase
(HM) *OXYGENASES
(NO) specific for NADPH as electron donor; incorporates single molecule of oxygen

7-oxodeoxycholic acid see 7-ketodeoxycholic acid

19-oxo-11-deoxycorticosterone acetate
(RN) 88378-35-2
(SY) 19-oxo-DOCA
(HM) DESOXYCORTICOSTERONE/*analogs

19-oxo-deoxycorticosterone
(RN) 75220-37-0
(SY) 21-hydroxy-4-pregnen-3,19,20-trione
(HM) DESOXYCORTICOSTERONE/*analogs
(NO) metabolite of deoxycorticosterone in rat adrenals

3-oxodesogestrel
(RN) 54048-10-1
(SY) 3-ketodesogestrel
(HM) *NORPREGNENES
(II) PROGESTATIONAL HORMONES, SYNTHETIC
(NO) metabolite of desogestrel; structure given in first source

4-oxo-1,3-dioxolane-5,5'-diacetic acid see methylenecitric acid

19-oxo-DOCA see 19-oxo-11-deoxycorticosterone acetate

1-oxo-estazolam see 1-oxoestazolam

1-oxoestazolam
(RN) 31262-82-5
(SY) 1-ketoestazolam
(SY) 1-oxo-estazolam
(HM) *ESTAZOLAM/analogs
(NO) metabolite of estazolam

16-oxoestradiol see 16-ketoestradiol

11-oxoetiocholanolone see 11-ketoetiocholanolone

oxoferin
(SY) tetrachlorodecaoxide
(SY) TCDO
(HM) *CHLORINE
(HM) *OXIDES
(II) WOUND HEALING/drug eff
(NO) stimulates wound healing; consists of chlorine, oxygen complexes

oxoformycin B
(RN) 19246-88-9
(HM) *FORMYCINS

17-oxogenic steroids
(SY) 17-ketogenic steroids
(HM) *17-HYDROXYCORTICOSTEROIDS

2-oxogluconate see 2-ketogluconate

2-oxoglutarate ferredoxin oxidoreductase see 2-oxoglutarate synthase

2-oxoglutarate ferredoxin reductase see 2-oxoglutarate synthase

2-oxoglutarate-glyoxylate carboligase see 2-hydroxy-3-oxoadipate carboxylase

2-oxoglutarate synthase
(RN) EC 1.2.7.3
(SY) alpha-ketoglutarate synthase
(SY) 2-oxoglutarate ferredoxin reductase
(SY) 2-oxoglutarate ferredoxin oxidoreductase
(HM) *KETONE OXIDOREDUCTASES

oxoglutarate translocator
(HM) *CARRIER PROTEINS
(II) KETOGLUTARIC ACIDS

2-oxoglutarate see alpha-ketoglutaric acid

2-oxoglutaric acid see alpha-ketoglutaric acid

8-oxo-2'-GMP see 8-oxoguanosine 2'-phosphate

2-oxo-5-guanidinovaleric acid see alpha-keto-delta-guanidinovaleric acid

8-oxoguanosine 2'-phosphate
(RN) 85775-41-3
(SY) 8-ketoguanosine 2'-phosphate
(SY) 8-oxo-2'-GMP
(HM) *GUANOSINE MONOPHOSPHATE/analogs

1-(5'-oxohexyl)-3-methyl-7-propylxanthine see HWA 285

2-oxo-5-hydroxycarbonylpentanoate pyridoxise see conductase

2-oxo-4-hydroxyglutarate aldolase see 4-hydroxy-2-oxoglutarate aldolase

4-oxo-6-hydroxyheptanoic acid
(RN) 85099-01-0
(SY) 4-keto-6-hydroxyheptanoic acid
(HM) *HEPTANOIC ACIDS
(NO) from urine of patients with hereditary tyrosinemia; structure given in first source

4-oxo-5-hydroxyvalerate dehydrogenase
(RN) EC 1.1.1.-
(SY) 4-OX-5-HY dehydrogenase
(HM) *ALCOHOL OXIDOREDUCTASES
(NO) uses NAD or NADP; involved in transamination route of porphyrin biosynthesis

2-oxoimidazolidine-1-carboxylic acid-leucyl-beta-alaninamide
(RN) 73717-77-8
(SY) EUC-Leu-beta-Ala-NH2
(HM) *IMIDAZOLES
(NO) RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 10/84

2-(2-oxo-4-imidazolin-4-yl)ethylamine
(SY) 2-OIEA
(HM) HISTAMINE/*analogs
(PA) HISTAMINE ANTAGONISTS

2-oxoisocaproic acid see alpha-ketoisocaproic acid

2-(4-(1-oxo-2-isoindolinyl)pheayl)butyric acid see indobufen

4-oxo-isotretinoin see 4-oxoretinoic acid

2-oxoisovalerate dehydrogenase (acylating)
(RN) EC 1.2.1.25
(RR) 37211-61-3 (CRN)
(SY) alpha-ketoisovalerate dehydrogenase
(HM) *KETONE OXIDOREDUCTASES
(NO) requires NAD; consider also lipoamide-dependent system (EC 1.2.4.4)

2-oxoisovalerate dehydrogenase (lipoamide)
(RN) EC 1.2.4.4
(RR) 9082-72-8 (CRN)
(SY) branched chain alpha-keto acid dehydrogenase complex
(SY) alpha-keto acid dehydrogenase
(SY) branched chain alpha-keto acid decarboxylase
(SY) BCKA decarboxylase
(SY) BCKA dehydrogenase complex
(SY) branched-chain 2-oxoacid dehydrogenase complex
(SY) 2-oxo acid dehydrogenase
(SY) branched-chain oxo-acid dehydrogenase
(SY) branched-chain 2-oxo acid dehydrogenase
(SY) branched chain ketoacid dehydrogenase
(HM) *MULTIENZYME COMPLEXES
(HM) *KETONE OXIDOREDUCTASES
(NO) 2-oxoisocaproate dehydrogenase was considered as a separate enzyme (EC 1.2.4.3) 1972-79

2-oxoisovalerate see alpha-ketoisovalerate

oxolamine
(RN) 959-14-8
(RR) 1949-20-8 (citrate)
(RR) 1219-20-1 (mono-HCl)
(SY) 5-diethylaminoethyl-3-phenyl-1,2,4-oxadiazole
(HM) *OXADIAZOLES
(PA) ANTI-INFLAMMATORY AGENTS
(PA) ANTITUSSIVE AGENTS
(PA) CARCINOGENS
(NO) RN given refers to parent cpd; structure

oxoline
(RN) 30266-58-1
(RR) 41869-96-9 (14C-labeled cpd)
(RR) 34333-95-4 (dihydrate)
(SY) oksolin
(SY) tetraoxotetrahydronaphthalene dihydrate
(HM) *TETRAHYDRONAPHTHALENES
(PA) ANTIVIRAL AGENTS
(NO) nasal ointment; contains 0.25% tetraoxotetrahydronaphthalene dihydrate; RN given refers to parent cpd; structure in Negwer, 5th ed, #1164

Oxolven
(RN) 27806-42-4
(SY) Sa 45249
(SY) Sa-45249
(HM) *ESTRENES
(II) PROGESTATIONAL HORMONES, SYNTHETIC
(NO) involved in synchronization of estrus in gilts of pigs

2-oxo-3-(2-mercaptoethyl)-5-phenylimidazolidine see OMPI

2-oxo-4-methylvaleric acid see alpha-ketoisocaproic acid

3-oxo-2-methylvaleric acid see 3-keto-2-methylvaleric acid

10-oxomorphine
(RN) 68254-48-8
(HM) *MORPHINE DERIVATIVES
(NO) decomposition product of morphine; structure given in first source; RN given refers to (5alpha,6alpha)-isomer; RN for cpd without isomeric designation not in Chemline 5/85

oxonin
(RN) 53669-98-0
(SY) 3,7-diaminophenoxazonium
(SY) 3,7-diaminophenoxazonium chloride
(HM) *OXAZINES
(II) DYES
(NO) structure given in first source; do not confuse with oxonin RN 293-59-4

oxonol dyes (isoxazole)
(HM) *ISOXAZOLES
(II) FLUORESCENT DYES
(NO) see also oxonol dyes which have a barbiturate group replacing the isoxazole group; see also record for oxonol V and oxonol VI

oxonol-V see oxonol V

oxonol V
(RN) 61389-30-8
(SY) ox-Vbis(3-phenyl-5-oxoisoxazol-4-yl) pentamethinoxonol
(SY) oxonol-V
(HM) *ISOXAZOLES
(II) INDICATORS AND REAGENTS
(II) FLUORESCENT DYES
(NO) fluorescent probe; see also record for oxonol dyes (isoxazole); structure

oxonol VI
(RN) 64724-75-0
(SY) bis(3-propyl-5-oxoisoxazol-4-yl) pentamethineoxonol
(SY) oxanol VI
(SY) bis(3-propyl-5-oxoisoxazol-4-yl)pentamethine oxanol
(HM) *ISOXAZOLES
(II) DYES
(II) INDICATORS AND REAGENTS
(II) FLUORESCENT DYES
(NO) structure given in first source; see also oxonol dyes (isoxazole)

oxonorfloxacin
(RN) 74011-42-0
(HM) NORFLOXACIN/*analogs
(PA) ANTI-INFLAMMATORY AGENTS
(NO) structure given in first source

N-(1-oxo-9-octadecenyl)tryptophan ethyl ester see compound 57-118

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2-oxo-3-(4-(1-oxo-2-isoindolinyl)phenyl) butanamide
(RN) 67358-82-1
(SY) OOIPB
(SY) GP 650
(HM) *INDOLES
(PA) ANTI-INFLAMMATORY AGENTS
(PA) ANALGESICS, ANTI-INFLAMMATORY
(II) PHARMACEUTICAL AIDS

2-oxopantoate reductase
(RN) EC 1.1.1.169
(SY) 2-ketopantoic acid reductase
(SY) alpha-ketopantoic acid reductase
(HM) *ALCOHOL OXIDOREDUCTASES

2-oxopantoyl lactone reductase
(RN) EC 1.1.1.168
(SY) ketopantoyl lactone reductase
(HM) *ALCOHOL OXIDOREDUCTASES
(HM) 4-BUTYROLACTONE/*analogs

2-oxopentenoic acid see 2-keto-4-pentenoic acid

15-oxo-PGE2 see 15-ketoprostaglandin E2

6-oxo-PGE1 see 6-ketoprostaglandin E1

7-oxo-PGI2-Na see 7-oxoprostaglandin I2

oxophenarsine
(RN) 306-12-7
(RR) 538-03-4 (mono-HCl)
(RR) 63951-03-1 (mono-Na salt)
(SY) arsphenoxidum
(SY) arsenoxide
(HM) *ARSENICALS
(PA) ANTINEOPLASTIC AGENTS
(PA) TRYPANOCIDAL AGENTS
(PA) ANTI-INFECTIVE AGENTS
(NO) obsolete toxic arsenical for treatment of syphilis; useful against some neoplasms; major descriptor (64-83); on-line search ARSENICALS (64-83); Index Medicus search OXOPHENARSINE (64-83); structure; RN given refers to parent cpd

oxophenylarsine
(RN) 637-03-6
(SY) phenylarsine oxide
(HM) *ARSENICALS

3-oxo-3-phenylpropene
(RN) 768-03-6
(SY) 1-phenyl-2-propen-1-one
(HM) *PROPIOPHENONES
(PA) ALDEHYDE-LYASES/antag
(NO) active-site directed irreversible hydroxynitrile lyase inhibitor

3-oxo-3-phenylpropyne
(RN) 3623-15-2
(SY) 1-phenyl-2-propyn-1-one
(HM) *PROPIOPHENONES
(PA) ALDEHYDE-LYASES/antag
(NO) active-site derived irreversible hydroxynitrile lyase inhibitor

oxoplatina see diamminedichlorodihydroxyplatinum IV

oxoplatinum see diamminedichlorodihydroxyplatinum IV

20-oxopregnacalciferol
(RN) 86120-56-1
(SY) 3 beta-hydroxy-9,10-secopregna-5,7,10(19)-triene-20-one
(HM) *PREGNATRIENES
(HM) *SECOSTEROIDS
(NO) side chain analog of vitamin D3; structure given in first source

5-oxo-Pro-Gly-Arg-4-nitroanilide see 5-oxo-prolyl-glycyl-arginine-4-nitroanilide

oxo-Pro-His-Trp-Ser-Tyr-Gly-Trp-Leu-Pro-GlyNH2 see LH-FSH releasing hormone, salmon

4-oxoproline see 4-ketoproline

4-oxo-L-proline see 4-ketoproline

5-oxo-L-prolylglycyl-L-arginine 4-nitroanilide see 5-oxo-prolyl-glycyl-arginine-4-nitroanilide

5-oxo-prolyl-glycyl-arginine-4-nitroanilide
(RN) 74661-31-7
(RR) 72194-52-6 (mono-HCl)
(SY) OPGAN
(SY) 5-oxo-Pro-Gly-Arg-4-nitroanilide
(SY) chromogenic substrate S-2444
(SY) S-2444
(SY) 5-oxo-L-prolylglycyl-L-arginine 4-nitroanilide
(HM) *OLIGOPEPTIDES
(NO) urokinase substrate; RN given refers to parent cpd

5-oxoprolyltryptophan
(RN) 35937-24-7
(SY) 5-oxo-L-prolyltryptophan
(SY) 5-O-Pro-Trp
(HM) *DIPEPTIDES
(NO) RN given refers to L-isomer in Chemline; RN without isomeric designation not in Chemline 10/18/83

5-oxo-L-prolyltryptophan see 5-oxoprolyltryptophan

3-(3-oxoprop-2-enyl)thymidine
(SY) 3-OPET
(HM) THYMIDINE/*analogs

5-oxo-Pro-Phe-Phe-Gly-Leu-Met-amide see Substance P(6-11), pGlu(6)-

7-(2'-oxopropyl)-1,3-di-n-butylxanthine see BRL 30892

N-(2-oxopropyl)-N-nitrosourea
(SY) OPNU
(HM) *NITROSOUREA COMPOUNDS
(PA) ALKYLATING AGENTS
(NO) structure given in first source

2-oxopropyl-n-propylnitrosamine
(RN) 39603-54-8
(SY) NOPPA
(SY) N-nitroso-(2-oxopropyl)propylamine
(HM) *NITROSAMINES

6-oxoprostaglandin E1 see 6-ketoprostaglandin E1

7-oxoprostaglandin I2
(RN) 79821-50-4
(RR) 79673-16-8 (mono-Na salt(5Z,9alpha,11alpha,13E,15S)-isomer)
(SY) 7-ketoprostaglandin I(2)
(SY) 7-oxo-PGI2-Na
(HM) *PROSTAGLANDINS X
(NO) stable prostacyclin mimic; structure given in first source; RN given refers to (5Z,9alpha,11alpha,13E,15S)-isomer; RN for cpd without isomeric designation not in Chemline 8/84

1-(2-oxo-1-pyrrolidino)-4-(2-chloroethylmethylamino) but-2-yne.HCl see DSO-16

2-oxoquazepam see SCH 15-725

4-oxoretinoic acid
(RN) 38030-57-8
(RR) 71748-58-8 ((13-cis)-isomer)
(SY) 4-ketoretinoic acid
(SY) 4-oxo-13-cis-retinoic acid
(SY) 4-oxo-isotretinoin
(HM) TRETINOIN/*analogs
(NO) RN given refers to cpd without isomeric designation; structure

4-oxo-13-cis-retinoic acid see 4-oxoretinoic acid

4-oxoretinol
(RN) 62702-55-0
(SY) 4-ketoretinol
(HM) VITAMIN A/*analogs

1'-oxosafrole
(RN) 30418-53-2
(HM) *SAFROLE/analogs
(NO) metabolite of safrole

3-oxosphinganine reductase see 3-dehydrosphinganine reductase

3-oxosteroid delta(1) dehydrogenase
(RN) EC 1.3.99.4
(RR) 9029-04-3 (CRN)
(SY) 4-ene-3-oxosteroid (acceptor)-1-ene-oxidoreductase
(SY) steroid 1,2-dehydrogenase
(SY) 4-en-3-oxosteroid-(acceptor)-1-en oxidoreductase
(SY) steroid-1-dehydrogenase
(SY) 3-ketosteroid delta(1) dehydrogenase
(HM) *OXIDOREDUCTASES
(NO) acts on both androstenedione & 9-alpha-hydroxyandrostenedione; substrate ANDROSTENEDIONE may be replaced by ANDROSTENEDIONE/analogs as appropriate; cytochrome c used in assay

3-oxosteroid delta 4-5 isomerase see steroid delta-isomerase

11-oxotestosterone see 11-ketotestosterone

4-(1-oxo-2,2,6,6-tetramethylpiperidyl)-3-isocyano-n-propyl ether
(SY) ICSL
(HM) *CYCLIC N-OXIDES
(II) SPIN LABELS
(NO) bound to active center of P-450; bound via the isocyanide group to the heme iron

11-oxo-THC see 11-oxo-delta(8)-tetrahydrocannabinol

2-oxothiazolidine-4-carboxylate see L-2-oxothiazolidine-4-carboxylate

L-2-oxothiazolidine-4-carboxylate
(RN) 19750-45-9
(RR) 77273-78-0 ((S)-isomer)
(SY) L-2-OTZD-4-CXA
(SY) 2-oxothiazolidine-4-carboxylate
(HM) *THIAZOLES
(NO) analog of 5-oxoproline in which the 4-methylene moiety is replaced by sulfur; acts as 5-oxo-L-prolinase substrate & therefore as potent inhibitor of the gamma-glutamyl cycle at step of 5-oxoprolinase; structure in first source; RN given refers to parent cpd without isomeric designation

4-oxo-thiazolidinehexanoic acid see mycobacidin

oxotremorine M
(RN) 63939-65-1
(HM) OXOTREMORINE/*analogs
(NO) structure given in first source

oxotremorine M-N-methylacetamide see N-methylacetamide-oxotremorine M

oxovanadium see vanadium oxide

oxovanadium (IV) see vanadyl

oxovinca
(RN) 54341-01-4
(SY) EL 485
(SY) vincamine alpha-ketoglutarate
(HM) *VINCAMINE/analogs
(PA) ANTICOAGULANTS

9-oxoxanthen-2-yl-alpha-propionic acid see Y-5554

Oxo-4 see N-methylacetamide-oxotremorine M

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oxpara
(SY) oxpara paste
(HM) *ROOT CANAL FILLING MATERIALS
(II) DISINFECTANTS

oxpara paste see oxpara

oxtriphylline see cholinophyllin

oxtripylline-SA see cholinophyllin

ox-Vbis(3-phenyl-5-oxoisoxazol-4-yl)pentamethinoxonol see oxonol V

5-oxyacetic acid 5'-UMP see uridine-5-oxyacetic acid 5'-monophosphate

oxyamylose
(SY) COAM
(SY) chlorite oxidized oxyamylose
(HM) AMYLOSE/*analogs
(PA) ANTIVIRAL AGENTS
(PA) ANTINEOPLASTIC AGENTS
(PA) INTERFERON INDUCERS

oxybenzone
(RN) 131-57-7
(SY) 2-hydroxy-4-methoxybenzophenone
(HM) *BENZOPHENONES
(II) SUNSCREENING AGENTS

4,4'-oxybis-2-butanol see 4,4'-oxydi-2-butanol

10,10'-oxybisphenoxarsine oxide see phenoxarsine oxide

oxybis(tributyl tin) see lastanox Q

oxybuprocaine see benoxinate

oxybutynin
(RN) 5633-20-5
(RR) 1508-65-2 (HCl)
(SY) 4-(diethylamino)-2-butynyl-alpha-phenylcyclohexaneglycolate
(SY) ditropan
(HM) *MANDELIC ACIDS
(PA) PARASYMPATHOLYTICS
(NO) RN given refers to parent cpd

oxycarboxin
(RN) 5259-88-1
(SY) 5,6-dihydro-2-methyl-1,4-oxathiin-3-carboxanilide 4,4-dioxide
(SY) plantvax
(HM) *CARBOXIN/analogs
(PA) FUNGICIDES, INDUSTRIAL
(NO) structure

Oxycardin
(RN) 67970-62-1
(HM) *ISOSORBIDE DINITRATE
(HM) *PROPANOLAMINES
(HM) DRUG COMBINATIONS
(NO) RN given refers to HCl; RN for parent cpd not in Chemline 7/12/83

oxychlordane
(RN) 27304-13-8
(SY) 1 alpha,2 beta,4 beta,5,6,7 beta,8,8-octachloro- 2,3 alpha-epoxy-3a alpha,4,7,7a alpha-tetrahydro-4,7-methanoindan
(HM) CHLORDAN/*analogs
(NO) metabolite of chlordan more toxic to mammals than parent cpd; structure

oxychlorosene
(RN) 8031-14-9
(RR) 52906-84-0 (Na salt)
(SY) clorpactin
(SY) Chlorpactin WCS 90
(SY) 4-tetradecylbenzenesulfonic acid hypochlorite
(HM) *BENZENESULFONATES
(PA) ANTI-INFECTIVE AGENTS
(II) SURFACE ACTIVE AGENTS
(NO) RN given refers to parent cpd with unknown MF; structure

oxycobalt myoglobin see oxymyoglobin

oxycobaltmyoglobin see oxymyoglobin

oxyconazole see oxiconazole

oxydemeton methyl see metasystox-R

4,4'-oxydianiline see di-(4-aminophenyl)ether

4,4'-oxydibenzamidine 2-hydroxyethanesulfonic acid see phenamidine isethionate

4,4'-oxydi-2-butanol
(RN) 821-33-0
(RR) 62064-80-6 (2-(14)C-labeled cpd)
(SY) Debutil
(SY) Dis-cinil
(SY) 3,3'-dihydroxydibutyl ether
(SY) dihydroxybutyl ether
(SY) DHDBE
(SY) dihydroxydibutylether
(SY) 4,4'-oxybis-2-butanol
(HM) *ETHERS
(PA) PARASYMPATHOLYTICS
(PA) CHOLAGOGUES AND CHOLERETICS
(PA) DIURETICS
(NO) RN given refers to unlabeled parent cpd; structure

N-oxydiethylene-2-benzothiazole sulfenamide
(RN) 102-77-2
(SY) OBTS
(HM) *OXAZINES
(NO) structure in first source

N-oxydiethylenethiocarbamoyl-N-oxydiethylene sulfenamide
(RN) 13752-51-7
(SY) OTOS
(HM) *OXAZINES
(NO) structure in first source

N,N'-oxydimethylenebis(pyridinium-2,4-aldoxime) dichloride see HS-3

N,N'-(oxydimethylene)dimaleimide see bis(N-maleimidomethyl)ether

1,1'-oxydimethylene(2-formyl-3-carbamyl)pyridinium chloride see HS 6

oxyethylated tertiary octylphenol formaldehyde polymer see tyloxapol

oxyethyltheophylline see etofylline

3-oxyfenazepam see 3-hydroxyphenazepam

oxyferriscorbone
(RN) 53681-73-5
(SY) sodium oxyferriscorbone
(SY) oxiferriscarbon
(HM) *2,3-DIKETOGULONIC ACID
(HM) *ALLOXAN
(HM) DRUG COMBINATIONS
(HM) *FERRIC COMPOUNDS
(NO) iron sodium complex of 2,3 diketo-1-gulonic acid & iron-sodium complex of alloxan used in ulcer therapy

oxygel see proxigel

oxygen-independent antimicrobial granule protein
(SY) O2-independent PMN protein
(SY) OIPMNP
(HM) *BLOOD PROTEINS
(II) BLOOD BACTERICIDAL ACTIVITY
(II) NEUTROPHILS
(II) ANAEROBIOSIS
(NO) MW 57 kDa antimicrobial protein from human polymorphonuclear granulocytes

oxygen oxidase see superoxide-forming enzyme

oxygen-producing enzyme see superoxide-forming enzyme

oxyglucocycline
(RN) 11140-93-5
(HM) OXYTETRACYCLINE/*analogs
(NO) carboxamido derivative of oxytetracycline

OXYHBA see oxyhemoglobin A

oxyHb-MME see oxyhemoglobin-bis(N-maleimidomethyl)ether

OXYHBS see oxyhemoglobin S

oxyhemoglobin A
(RN) 9062-91-3
(SY) OXYHBA
(HM) *OXYHEMOGLOBINS
(HM) *HEMOGLOBIN A

oxyhemoglobin-bis(N-maleimidomethyl) ether
(SY) oxyHb-MME
(HM) *OXYHEMOGLOBINS
(HM) *MALEIMIDES

oxyhemoglobin S
(RN) 37203-69-3
(SY) OXYHBS
(HM) *OXYHEMOGLOBINS
(HM) *HEMOGLOBIN, SICKLE

oxyhydroxyapatite
(HM) *HYDROXYAPATITES
(NO) no other info available 9/84

oxylidin see benzoclidine

1-oxyl-2,2,6,6-tetramethylpiperidino-4-hydrazine see 2,2,6,6-tetramethylpiperidino-1-oxyl-4-hydrazine

N-(1-oxyl-2,2,6,6-tetramethyl-4-piperidinyl)iodoacetamide
(RN) 25713-24-0
(SY) 4-(N-iodoacetamide)-2,2,6,6-tetramethylpiperidine-1-oxyl
(SY) IASL
(HM) *CYCLIC N-OXIDES
(II) SPIN LABELS
(NO) structure

N-(1-oxyl-2,2,6,6-tetramethyl-4-piperidinyl)maleimide see 4-maleimido-2,2,6,6-tetramethylpiperidinooxyl

N-(1-oxyl-2,2,5,5-tetramethyl-3-pyrrolidinyl)maleimide
(RN) 5389-27-5
(SY) N-1-OTPM
(SY) 3-(maleimidomethyl)-2,2,5,5-tetramethyl-1-pyrrolidinyloxyl
(SY) N-(3-(2,2,5,5-tetramethyl-1-pyrrolidinyloxy)) maleimide
(SY) MAL-5
(SY) 2,2',5,5'-tetramethyl-3-maleimidopyrrolidinyl-N-oxyl
(SY) MAL-3
(HM) *CYCLIC N-OXIDES
(II) SPIN LABELS
(NO) structure in first source

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1-oxyl-2,2,5,5-tetramethylpyrroline-3-carbonyl ethyl hydrazine see
2,2,5,5-tetramethylpyrroline-1-oxyl-3-carboxy ethylhydrazine

1-oxyl-2,2,5,5-tetramethylpyrroline-3-methyl)methanethiosulfonate

(RN) 81213-52-7
(SY) OTMPMMS
(HM) *CYCLIC N-OXIDES
(II) SPIN LABELS
(NO) thiol-specific spin label; structure given in first source

oxyma

(SY)
3-methoxy-6-formyl-3,5-pregnadien-17-acetate-20-one-oxyma
(HM) *PREGNADIENES
(PA) ANDROGEN ANTAGONISTS

oxymatrine

(RN) 16837-52-8
(HM) *ALKALOIDS
(NO) structure in first source

oxymethebanol see drotebanol

oxymetrin see syntometrine

oxymorphazone

(RN) 73697-35-5
(SY) oxymorphone hydrazone
(HM) OXYMORPHONE/*analogs
(NO) binds irreversibly to opiate receptor sites; structure given in first source

oxymorphonazine

(RN) 82824-00-8
(HM) OXYMORPHONE/*analogs
(NO) binds irreversibly to opiate receptors sites; structure given in first source

oxymorphone hydrazone see oxymorphazone

oxymyoglobin

(SY) oxycobaltmyoglobin
(SY) oxycobalt myoglobin
(SY) cobalt oxymyoglobin
(HM) *MYOGLOBIN

oxynide

(RN) 852-20-0
(RR) 51543-46-5 (di-Na salt)
(HM) *CHLOROPHENOLS
(PA) ANTHELMINTICS
(NO) structure in first source; RN given refers to parent cpd

oxynitrilase see mandelonitrile lyase

oxyocin receptors see oxytocin receptor

oxyperomide see oxiperomide

oxyphencyclimine

(RN) 125-53-1
(RR) 125-52-0 (mono-HCl)
(RR) 88245-08-3 ((+-)-isomer)
(RR) 21609-10-9 (HCl)
(HM) *PYRIMIDINES
(PA) PARASYMPATHOLYTICS
(NO) minor descriptor (65-85); on-line & Index Medicus search PYRIMIDINES (65-85); RN given refers to parent cpd without isomeric designation

oxyphylline see etofylline

oxyprogesterone caproate see 17 alpha-hydroxyprogesterone caproate

oxyprothepin decanoate

(RN) 41931-86-6
(HM) *OXYPROTHEPINE/analogs
(PA) TRANQUILIZING AGENTS, MAJOR
(NO) structure in Negwer, 5th ed, #5882

oxysophocarpine

(RN) 26904-64-3
(SY) sophocarpidine
(HM) *ALKALOIDS

oxystarch see dialdehyde starch

oxythioquinox see quinomethionate

oxytocin, 9 alpha-aminoacetonitrile-

(RN) 82031-30-9
(SY) 9 alpha-aminoacetonitrile-oxytocin
(SY) 9-GlyCN-oxytocin
(SY) oxytocin, 9-GlyCN-
(HM) OXYTOCIN/*analogs

oxytocin, 1,6-alpha-aminosuberic acid- see oxytocin, 1,6-alpha-Asu-

oxytocin, 1,6-alpha-Asu-

(RN) 14317-68-1
(SY) deaminodicarbaoxytocin
(SY) deamino-1,6-dicarba-oxytocin
(SY) 1,6-alpha-aminosuberic acid oxytocin
(SY) 1-butanoic acid-1,6-dicarbaoxytocin
(SY) oxytocin, 1,6-alpha-aminosuberic acid-
(SY) 1,6-alpha-Asu-oxytocin
(HM) OXYTOCIN/*analogs

oxytocin, 5-beta-cyanoalanine-

(RN) 87590-89-4
(SY) 5-beta-cyanoalanine oxytocin
(SY) oxytocin, 5-CN-Ala-
(SY) 5-CNAla-oxytocin
(HM) OXYTOCIN/*analogs

oxytocin, 1-(beta-mercapto-beta,beta-cyclopentamethylenepropionic acid)-8-ornithine-

(RN) 77327-42-5
(SY) vasotocin, 1-(beta-mercapto-beta,beta-cyclopentamethylenepropionic acid)-8-ornithine-
(SY) d(CH2)5OVT
(SY) oxytocin, 1-(beta-mercapto-beta,beta-cyclopentamethylenepropionic acid)-8-Orn-
(SY) 8-ornithine- 1-(beta-mercapto-beta,beta-cyclopentamethylenepropionic acid)oxytocin
(SY) 8-Orn- 1-(beta-mercapto-beta,beta-cyclopentamethylenepropionic acid)oxytocin
(HM) OXYTOCIN/*analogs
(PA) OXYTOCIN/antag

oxytocin, 1-(beta-mercapto-(beta,beta-cyclopentamethylene)propionic acid)-8-ornithine-

(RN) 77327-45-8
(SY) vasotocin, 1-(beta-mercapto-(beta,beta-cyclopentamethylene)propionic acid)-8-ornithine-
(SY) dET2Tyr(Me)-OVT
(SY) oxytocin, 1-(beta-mercapto-(beta,beta-cyclopentamethylene)propionic acid)-8-Orn-
(SY) 8-ornithine-1-(beta-mercapto-(beta,beta-cyclopentamethylene)propionic acid)oxytocin
(SY) 8-Orn-1-(beta-mercapto-beta,beta-cyclopentamethylene)propionic acid)oxytocin
(HM) OXYTOCIN/*analogs

oxytocin, 1-(beta-mercapto-(beta,beta-cyclopentamethylene)propionic acid)-8-Orn- see oxytocin, 1-(beta-mercapto-(beta,beta-cyclopentamethylene)propionic acid)-8-ornithine-

oxytocin, 1-(beta-mercapto-beta,beta-cyclopentamethylenepropionic acid)-8-Orn- see oxytocin, 1-(beta-mercapto-beta,beta- cyclopentamethylenepropionic acid)-8-ornithine-

oxytocin, 5-CN-Ala- see oxytocin, 5-beta-cyanoalanine-

oxytocin, 1-deamino-2-O-ethyl-

(RN) 77648-79-4
(SY) 1-deamino-2-O-ethyl-oxytocin
(SY) 1-(3-mercaptopropanoic acid)-2-(O-ethyl-tyrosine)oxytocin
(HM) OXYTOCIN/*analogs
(NO) inhibits vasopressin action on uterine activity

oxytocin, 1-deaminopenicillamine-2-leucine-

(SY) oxytocin, 1-deaminopenicillamine-2-Leu
(SY) 2-leucine-(1-deaminopenicillamine)oxytocin
(SY) 2-Leu-(1-deaminopenicillamine)oxytocin
(SY) dPLOT
(HM) OXYTOCIN/*analogs

oxytocin, 1-deaminopenicillamine-2-Leu see oxytocin, 1-deaminopenicillamine-2-leucine-

oxytocin, 1-deaminopenicillamine-8-ornithine-

(RN) 72915-18-5
(SY) vasotocin, 1-deaminopenicillamine-8-ornithine-
(SY) oxytocin, 1-deaminopenicillamine-8-Orn-
(SY) 8-ornithine-(1-deaminopenicillamine)oxytocin
(SY) dPOVT
(SY) 8-Orn-(1-deaminopenicillamine)oxytocin
(HM) OXYTOCIN/*analogs

oxytocin, 1-deaminopenicillamine-8-Orn- see oxytocin, 1-deaminopenicillamine-8-ornithine-

oxytocin, (1-desaminopenicillamine, 8-alpha-hydroxyisocaproic acid)-

(RN) 88508-87-6
(SY) (1-desaminopenicillamine, 8-alpha-hydroxyisocaproic acid)oxytocin
(SY) DAPHIO
(HM) OXYTOCIN/*analogs
(NO) structure given in first source

oxytocin, 9-desglycinamide- see oxytocin, 9-des-Gly-NH2-

oxytocin, 9-des-Gly-NH2-

(RN) 4294-07-9
(SY) oxytocin, 9-desglycinamide-
(SY) des-glycinamide-oxytocin
(SY) 9-desglycinamide-oxytocin
(SY) 9-des-Gly-NH2-oxytocin
(HM) OXYTOCIN/*analogs

oxytocin dodecapeptide see oxytocin, Gly-Lys-Arg-

oxytocin, 2-(4-ethylphenylalanine)- see oxytocin, 2-(4-ethyl-Phe)-

oxytocin, 2-(4-ethyl-Phe)-

(RN) 24870-58-4
(RR) 3714-58-7 (L-isomer)
(RR) 87206-46-0 ((D)-isomer)
(SY) oxytocin, 2-(4-ethylphenylalanine)-
(SY) 2-(4-ethyl-Phe)oxytocin
(SY) 2-(4-ethylphenylalanine)oxytocin
(HM) OXYTOCIN/*analogs
(NO) RN given refers to cpd without isomeric designation

oxytocin, 9-GlyCN- see oxytocin, 9 alpha-aminoacetonitrile-

oxytocin, glycyl-lysyl-arginine- see oxytocin, Gly-Lys-Arg-

oxytocin, Gly-Lys-Arg-

(SY) oxytocin, glycyl-lysyl-arginine-
(SY) OT-GKR
(SY) Gly-Lys-Arg-oxytocin
(SY) glycyl-lysyl-arginine-oxytocin
(SY) oxytocin dodecapeptide
(HM) OXYTOCIN/*analogs
(II) PROTEIN PRECURSORS

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oxytocin, 1-(L-2-hydroxy-3-mercaptopropionic acid)-4-threonine-7-glycine- see oxytocin, 1-(2-hydroxy-3-mercaptopropionic acid)-4- Thr-7-Gly-

oxytocin, 1-(2-hydroxy-3-mercaptopropionic acid)-4-Thr-7-Gly-

(RN) 60786-60-9
(RR) 61950-55-8 (mono-acetate(R)-isomer)
(SY) oxytocin, 1-(L-2-hydroxy-3-mercaptopropionic acid)-4-threonine-7-glycine-
(SY) 1-(2-hydroxy-3-mercaptopropionic acid)-4-threonine-7-glycine-oxytocin
(SY) 1-(2-hydroxy-3-mercaptopropionic acid)-4-Thr-7- Gly-oxytocin
(HM) OXYTOCIN/*analogs
(NO) RN given refers to parent cpd(R)-isomer; RN for cpd without isomeric designation not in Chemline 8/84

oxytocin, 8-Ile- see mesotocin

oxytocin, 8-isoleucine- see mesotocin

oxytocin PAMET see oxytocin, 1-penicillamine-2-O-MeTyr-

oxytocin, PA-meTyr- see oxytocin, 1-penicillamine-2-O-MeTyr-

oxytocin, 1-penicillamine-2-leucine- see oxytocin, 1-penicillamine-2-Leu-

oxytocin, 1-penicillamine-2-Leu-

(RN) 68974-28-7
(RR) 68178-66-5 ((D-Val)-isomer)
(SY) oxytocin, 1-penicillamine-2-leucine-
(SY) 1-penicillamine-2-leucine-oxytocin
(SY) 1-penicillamine-2-Leu-oxytocin
(HM) OXYTOCIN/*analogs
(PA) OXYTOCIN/antag
(NO) RN given refers to (L-Val)-isomer; RN for cpd without isomeric designation not in Chemline 8/84

oxytocin, 1-penicillamine-2-O-methyltyrosine see oxytocin, 1-penicillamine-2-O-MeTyr-

oxytocin, 1-penicillamine-2-O-MeTyr-

(RN) 89070-65-5
(RR) 88210-87-1 ((L)-isomer)
(SY) 1-penicillamine-2-O-methyltyrosine-oxytocin
(SY) oxytocin PAMET
(SY) oxytocin, PA-meTyr-
(SY) PA-meTyr-oxytocin
(SY) oxytocin, 1-penicillamine-2-O-methyltyrosine
(HM) OXYTOCIN/*analogs
(NO) RN given refers to (D-Val-L-Tyr)-isomer; RN for cpd without isomeric designation not in Chemline 12/84

oxytocin, 1-penicillamine-4-threonine- see oxytocin, 1-penicillamine-4-Thr-

oxytocin, 1-penicillamine-4-Thr-

(RN) 78578-24-2
(SY) (1-penicillamine-4-threonine)-oxytocin
(SY) 1-PT-oxytocin
(SY) 1-penicillamine-4-Thr-oxytocin
(SY) 1-penicillamine-4-threonine-oxytocin
(SY) oxytocin, 1-penicillamine-4-threonine-
(HM) OXYTOCIN/*analogs
(NO) oxytocin antagonist

oxytocin receptor

(SY) oxyocin receptors
(SY) receptor, oxytocin
(HM) *RECEPTORS, ANGIOTENSIN
(II) OXYTOCIN

oxytocin, 7-sarcosine- see oxytocin, 8-Sar-

oxytocin, 8-Sar-

(RN) 77225-24-2
(SY) oxytocin, 7-sarcosine-
(SY) 7-Sar-oxytocin
(SY) 7-sarcosine-oxytocin
(HM) OXYTOCIN/*analogs
(NO) memory-modulating neuropeptide

oxytocin, 4-Ser-8-Ile- see isotocin

oxytocin, 4-serine-8-isoleucine- see isotocin

oxytocin, 4-threonine-7-glycine- see oxytocin, 4-Thr-7-Gly-

oxytocin, 4-threonyl-7-N-methylalanine- see oxytocin, 4-Thr-7-N-MeAla-

oxytocin, 4-threonyl-7-sarcosine- see oxytocin, 4-Thr-7-Sar-

oxytocin, 4-Thr-7-Gly-

(RN) 60786-59-6
(RR) 61922-04-1 (monoacetate salt)
(SY) oxytocin, 4-threonine-7-glycine-
(SY) 4-Tnr-7-Gly-oxytocin
(SY) 4-threonine-7-glycine-oxytocin
(HM) OXYTOCIN/*analogs
(NO) RN given refers to parent cpd

oxytocin, 4-Thr-7-N-MeAla-

(RN) 86969-97-3
(SY) oxytocin, 4-threonyl-7-N-methylalanine-
(SY) 4-threonyl-7-N-methylalanine-oxytocin
(SY) 4-Thr-7-N-MeAla-oxytocin
(HM) OXYTOCIN/*analogs
(PA) OXYTOCICS
(NO) RN & structure given in first source; RN given refers to mono-acetate salt; RN not in Chemline 12/21/83

oxytocin, 4-Thr-7-Sar-

(SY) oxytocin, 4-threonyl-7-sarcosine-
(SY) 4-Thr-7-Sar-oxytocin
(SY) 4-threonyl-7-sarcosine-oxytocin
(HM) OXYTOCIN/*analogs
(PA) OXYTOCICS

oxytropium bromide see oxitropium

oxyvanadium see vanadium oxide

ozocerite

(RN) 12198-93-5
(SY) ozokerite
(HM) *WAXES

ozokerite see ozocerite

ozolinone

(RN) 56784-39-5
(RR) 67565-44-0 ((Z)-(+)-isomer)
(RR) 67565-42-8 ((Z)-(-)-isomer)
(SY) 3-methyl-4-oxo-5-piperidinothiazolidine-2-ylidine acetic acid
(HM) *THIAZOLES
(PA) DIURETICS
(NO) active metabolite of etozolin; structure; RN given refers to (Z)-isomer; RN for cpd without isomeric designation not in Chemline 8/84

ozothine

(RN) 8031-65-0
(SY) W1710L
(HM) *TERPENES
(PA) EXPECTORANTS
(NO) brand of water-soluble oxidation products of turpentine; the aqueous solution is used as solvent & adjuvant of antibiotics

O-129 see O 129

O 129

(RN) 3810-29-5
(SY) 2,4-diamino-6,7-diisopropylpteridine
(SY) O-129
(HM) *PTERIDINES
(PA) ANTI-INFECTIVE AGENTS
(NO) vibriostatic

O-2058 see ORG 2058

O 6553 see mezilamine

Pabapeptide see bentiromide

PABA-peptide see bentiromide

PABA synthase

(RN) EC 2.6.1.-
(SY) p-aminobenzoic acid synthase
(SY) p-aminobenzoic acid synthetase
(SY) 4-aminobenzoic acid synthase
(SY) 4-aminobenzoic acid synthetase
(HM) *AMINOTRANSFERASES

pABC see 4-azidobenzylcarazolol

PABGA see 4-aminobenzoylglutamic acid

pabialgin see wofapyrin

PABPGGA see 4-aminobenzoyl-poly-gamma-glutamate

PAB-phosphocholine see 1-palmitoyl-2-(2-azido-4-nitro)benzoyl-glycero-3-phosphocholine

6-PABT see 6'-N-4-azidobenzyltobramycin

PA-CA hydrolase see palmitoyl-L-carnitine hydrolase

PACCO see COPAC

PACHY see polyacrylamide-hydrazide polymer

pachycarpine

(RN) 492-08-0
(RR) 3599-17-5 (mono-HCl(7R-(7alpha,7aalpha,14ialpha,14abeta))-isomer)
(RR) 42808-46-8 (unspecified HCl(7R-(7alpha,7aalpha,14alpha,14abeta))-isomer)
(RR) 51799-26-9 (mono-HI(7R-(7alpha,7aalpha,14alpha,14abeta))-isomer)
(RR) 14703-10-7 (unspecified HI(7R-(7alpha,7aalpha,14alpha,14abeta))-isomer)
(RR) 6160-12-9 (sulfate[1:1].pentahydrate((7S-(7alpha,7aalpha,14alpha,14abeta))-isomer)
(RR) 299-39-8 (sulfate[1:1](7S-(7alpha,7aalpha,14alpha,14abeta))-isomer)
(RR) 72198-25-5 (unspecified HCl(7S-(7alpha,7aalpha,14alpha,14abeta))-isomer)
(RR) 52670-59-4 (sulfate[1:1](7S-(7alpha,7aalpha,14alpha,14aalpha))-isomer)
(RR) 492-06-8 ((7R-(7alpha,7abeta,14alpha,14abeta))-isomer)
(RR) 446-95-7 ((7S-(7alpha,7aalpha,14alpha,14aalpha))-isomer)
(SY) D-sparteine
(HM) *SPARTEINE
(II) STEREOISOMERS
(NO) RN given refers to (7R-7alpha,7aalpha,14alpha,14abeta)) isomer; RN for cpd without isomeric designation not in CHemline 8/84; structure

PAC-I see CISCA

PAC-V see CISCA

PADAC see pyridine-2-azo-4-dimethylaniline cephalosporin

padan see Cartap

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padimate A
(RN) 14779-78-3
(SY) amyl dimethylaminobenzoate
(HM) *P-AMINOBENZOIC ACID/analogs
(II) SUNSCREENING AGENTS

padimate-O
(RN) 21245-02-3
(HM) *AMINOBENZOIC ACIDS
(NO) active ingredient in sunscreen products

PADIT see MSH potentiating factor

PADP see phenylacetic dipalmitate

1,10-PAD see 1,10-phenanthroline-5,6-dione

1,7-PAD see 1,7-phenanthroline-5,6-dione

paederine see pederin

Paedosed
(HM) ANTIPYRINE/*analogs
(HM) *ACETAMINOPHEN
(HM) DRUG COMBINATIONS
(II) PREANESTHETIC MEDICATION
(NO) combination of dichlorophenazone & acetaminophen

PaeI endonuclease see endodeoxyribonuclease PaeI

paeoniflorigenone
(RN) 80454-42-8
(HM) *TERPENES
(PA) NEUROMUSCULAR BLOCKING AGENTS
(NO) monoterpene from paeony root; RN given refers to (2S-(2alpha,3abeta,5alpha,7abeta,8R*))-isomer; RN for cpd without isomeric designation not in Chemline 10/84

paeoniflorin see peoniflorin

paeonol
(RN) 552-41-0
(SY) 2-hydroxy-4-methoxyacetophenone
(HM) *ACETOPHENONES
(NO) structure

paeonon see peonon

PAES see phenyl-2-aminoethyl sulfide

PAF-acether, synthetic
(RN) 85733-91-1
(RR) 74389-69-8 ((R)-isomer)
(SY) 1-O-octadecyl 2-O-acetyl sn-glycero-3-phosphorylcholine
(SY) octadecyl PAF
(SY) octadecyl-AGPC
(HM) PLATELET ACTIVATING FACTOR/*analogs
(PA) ANTIHYPERTENSIVE AGENTS
(PA) VASODILATOR AGENTS
(NO) reported to have same biological activity as natural PAF-acether; RN given refers to parent cpd without isomeric designation

PAF 2-acylhydrolase
(RN) EC 3.1.1.-
(SY) AGEPC 2-acylhydrolase
(SY) platelet-activating factor hydrolase
(SY) serum acid labile factor
(HM) *PHOSPHOLIPASES A
(NO) hydrolyzes 1-O-alkyl-2-acetyl-sn-glycero-3-phosphocholine at the 2 position

pafencil
(RN) 53498-76-3
(RR) 18471-77-7 (mono-HCl)
(SY) paphencil
(SY) paphencyl
(SY) 4-di(2-chloroethyl)aminophenacetyl-4-aminobenzoic acid
(HM) *NITROGEN MUSTARD COMPOUNDS
(PA) ANTINEOPLASTIC AGENTS
(NO) paraphenacyl is pafencil amide; RN given refers to parent cpd

pafencil amide see paraphenacyl

pafenolol
(RN) 75949-61-0
(HM) *PROPANOLAMINES
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS
(NO) structure given in first source

PAF-PA see platelet activating factor phosphatidate

PAF receptors see platelet activating factor receptor

PAGAG see phosphatidyl N-acetylglucosaminylglycerol

PAGF see pregnancy-associated growth factor

pagoda red no. 9 see Dylon

PAHIDA see 4-((bis(carboxymethyl)aminomethyl)carbamino)hippuric acid

pAIBC see 4-azido-3-iodobenzylcarazolol

pakhtaron see fluometuron

PALA see NSC 224131

palacos see methylmethacrylate

Palaprin Forte see aloxiprin

palatinase
(RN) EC 3.2.1.-
(SY) maltulase
(HM) *DISACCHARIDASES

Palatinit
(RN) 64519-82-0
(SY) D-Glucitol, 6-O-alpha-D-glucopyranosyl-, mixture with 1-O-alpha-D-glucopyranosyl-D- mannitol
(HM) *DISACCHARIDES
(HM) *SUGAR ALCOHOLS
(II) SWEETENING AGENTS
(II) CARIOGENIC AGENTS
(NO) mixture of 1,6-mannitol glucopyranoside & 1,6-sorbitol glucopyranoside

palatinose see isomaltulose

palavit 55
(SY) palavit-55
(HM) *DENTAL MATERIALS
(NO) no other info available 8/85

palavit-55 see palavit 55

Palerol
(RN) 76515-03-2
(SY) Palerol comp.
(HM) *TROPANES
(HM) *DIPYRONE
(HM) *PYRAZOLES
(HM) DRUG COMBINATIONS
(PA) ANALGESICS
(PA) PARASYMPATHOLYTICS
(NO) each 1ml ampule contains 2mg tropenzilium bromide, 40mg piperylon, 0.4mg dipyrone

Palerol comp. see Palerol

palladium chloride
(RN) 7647-10-1
(RR) 10038-97-8 (dihydrate)
(SY) PdCl2
(HM) *PALLADIUM
(NO) RN given refers to parent cpd; structure

palladium hematoporphyrin
(RN) 32914-95-7
(SY) Pd-109-hematoporphyrin
(HM) *METALLOPORPHYRINS
(HM) *PALLADIUM
(II) RADIOISOTOPES
(NO) used with (109)Pd for short-term selective lymphoid irradiation; RN given refers to (109)Pd-labeled dihydrogen cpd; RN for parent cpd not in Chemline 7/84

palladium sulfonated alizarine
(SY) Pd(QS)2
(HM) *PALLADIUM
(NO) water soluble catalyst

palliag
(HM) *COMPOSITE RESINS
(II) DENTAL MATERIALS
(NO) no other information available 2/28/83

pallidin
(HM) *LECTINS
(II) MYXOMYCOTA
(NO) from Polysphondylium pallidum

palmatine
(RN) 3486-67-7
(RR) 4880-79-9 (iodide)
(RR) 131-04-4 (hydroxide)
(RR) 10605-02-4 (chloride)
(RR) 66295-06-5 (sulfate)
(HM) *BERBINES
(NO) RN given refers to parent cpd; structure

palm-HCys see palmitoyl-homocysteine

palmidrol
(RN) 544-31-0
(SY) Impulsin
(SY) palmitoylethanolamide
(SY) N-(2-hydroxyethyl)palmitate
(HM) *PALMITIC ACIDS
(PA) ANTI-INFLAMMATORY AGENTS
(PA) ANTIVIRAL AGENTS
(NO) used as prophylactic in helping to prevent respiratory viral infection; structure

palmitic acid
(RN) 57-10-3
(SY) calcium palmitate
(SY) sodium palmitate
(HM) *PALMITIC ACIDS
(NO) more than 12 salts of cpd available in Chemline

palmitic acid pentachlorophenyl ester see pentachlorophenyl palmitate

palmitoleate see palmitoleic acid

palmitoleic acid
(RN) 2091-29-4
(RR) 373-49-9 ((Z)-isomer)
(RR) 18175-44-5 (K salt(Z)-isomer)
(RR) 6610-24-8 (Na salt(Z)-isomer)
(RR) 10030-73-6 ((E)-isomer)
(SY) palmitoleate
(HM) *PALMITIC ACIDS
(NO) factor capable of converting CaATPase into MgATPase; RN given refers to cpd without isomeric designation

palmitoyl-acetyl-glycerol see 1-O-hexadecyl-2-acetyl-sn-glycerol

1-palmitoyl-2-acetyl-GPC see 1-palmitoyl-2-acetyl sn-glycero-3-phosphocholine

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1-palmitoyl-2-acetyl-sn-glycero-3-phosphocholine
(RN) 84062-61-3
(RR) 79512-78-0 ((R)-isomer)
(SY) 1-palmitoyl-2-acetyl-GPC
(HM) *PHOSPHATIDYLCHOLINES
(NO) RN given refers to (S)-isomer; RN for cpd without isomeric designation not in Chemline 11/84

palmitoyl alpha-bungarotoxin see monopalmitoyl alpha-bungarotoxin

1-palmitoyl-2-(9-(2-anthryl)nonanoyl) glycero-3-phosphocholine
(SY) Anthr-PC
(HM) *PHOSPHATIDYLCHOLINES
(II) FLUORESCENT DYES
(NO) fluorescent probe

palmitoyl-ara-C see palmitoyl cytarabine

1-palmitoyl-2-arachidonyl-GPC see 1-O-hexadecyl-2-arachidonyl-sn-glycero-3-phosphocholine

1-palmitoyl-2-(2-azido-4-nitro)benzoyl-glycero-3-phosphocholine
(RN) 71761-11-0
(SY) PAB-phosphocholine
(HM) *PHOSPHATIDYLCHOLINES
(NO) hydrophobic photoreactive label

N(4)-palmitoyl-(1-beta-D-arabinofuranosyl)cytosine see palmitoyl cytarabine

palmitoyl-L-carnitine hydrolase
(RN) EC 3.1.1.-
(SY) PA-CA hydrolase
(HM) *CARBOXYLESTERASES

3-palmitoylcatechin
(RN) 71634-82-7
(HM) *CATECHIN/analogs
(NO) RN given refers to (2R-trans)-isomer; RN for cpd without isomeric designation not in Chemline 8/1/83

palmitoyl chloride
(RN) 112-67-4
(HM) *PALMITATES

palmitoyl CoA-ACP-transacylase see palmityl-CoA-acyl-carrier-protein transacylase

palmitoyl-CoA dehydrogenase see acyl-CoA dehydrogenase

palmitoyl-CoA dependent dehydrogenase
(HM) *OXIDOREDUCTASES
(HM) *MULTIENZYME COMPLEXES
(NO) sum of reactions catalyzed by fatty acyl-CoA oxidase, enoyl-CoA hydratase (EC 4.2.1.17) & beta-hydroxyacyl-CoA dehydrogenase (EC 1.1.1.35)

palmitoyl-CoA desaturase
(RN) EC 1.14.99.-
(HM) *FATTY ACID DESATURASES

palmitoyl CoA glycoprotein acyltransferase
(RN) EC 2.3.1.-
(SY) mucus glycoprotein acyltransferase
(HM) *ACYLTRANSFERASES

2-palmitoyl-CoA monopalmitoyl-sn-glycerol 3-phosphate palmitoyltransferase see 2-acylglycerophosphate acyltransferase

palmitoyl CoA oxidase
(RN) EC 1.3.3.-
(SY) palmityl CoA oxidase
(HM) *OXIDOREDUCTASES
(NO) in peroxisomes; forms hydrogen peroxide

palmitoyl-CoA-L-serine C-palmitoyltransferase (decarboxylating) see serine palmitoyltransferase

palmitoyl CoA synthetase see palmityl CoA synthetase

palmitoyl cytarabine
(RN) 31088-06-9
(RR) 59465-83-7 (HCl)
(SY) Palmo ara-C
(SY) 1 beta-D-arabinofuranosylcytosine 5'-palmitate
(SY) palmitoyl-ara-C
(SY) PL-AC
(SY) N(4)-palmitoyl-(1-beta-D-arabinofuranosyl) cytosine
(HM) CYTARABINE/*analogs
(NO) RN given refers to parent cpd

1-palmitoyl-2-(11-m-diazirinophenoxy)undecanoyl)-sn-glycero-3-phosphocholine see 1-palmitoyl-2-(11-3-diazirinophenoxy)undecanoyl)-sn-glycero-3-phosphocholine

1-palmitoyl-2-(11-3-diazirinophenoxy) undecanoyl)-sn-glycero-3-phosphocholine
(RN) 65114-56-9
(SY) diazirino-PC
(SY) 1-palmitoyl-2-(11-m-diazirinophenoxy)undecanoyl) -sn-glycero-3-phosphocholine
(HM) *PHOSPHATIDYLCHOLINES
(NO) photosensitive phosphatidylcholine; structure in first source

1-palmitoyl-2-dihydrosterculoyl-sn-glycero-3-phosphocholine
(RN) 81004-53-7
(SY) PDSPC
(HM) *PHOSPHATIDYLCHOLINES

palmitoyl dihydroxyacetone phosphate
(RN) 17378-38-0
(SY) hexadecanoyl dihydroxyacetone phosphate
(HM) *DIHYDROXYACETONE PHOSPHATE/analogs

palmitoyldihydroxyacetone-phosphate reductase
(RN) EC 1.1.1.101
(SY) acyl dihydroxyacetone phosphate NADPH oxidoreductase
(SY) acyl-DHAP oxidoreductase
(SY) acyl-dihydroxyacetone phosphate oxidoreductase
(HM) *SUGAR ALCOHOL DEHYDROGENASES

palmitoylethanolamide see palmidrol

5'-O-palmitoyl-5-fluoro-2'-deoxyuridine
(SY) 5-palmitoyl-FUDR
(HM) FLUORODEOXYURIDINE/*analogs
(PA) ANTINEOPLASTIC AGENTS
(NO) structure given in first source

5-palmitoyl-FUDR see 5'-O-palmitoyl-5-fluoro-2'-deoxyuridine

N-palmitoylgalactosylsphingosine
(RN) 34324-89-5
(SY) NPGS
(HM) *GALACTOSYLCERAMIDES

1-palmitoylglycerol-3-phosphorylcholine see We 201

1-palmitoyl-2-heptadec-10-enylcarbamyloxy-sn-glycero-3-phosphorylcholine
(RN) 86161-89-9
(SY) 1-MPC
(HM) *PHOSPHATIDYLCHOLINES

palmitoyl-homocysteine
(RN) 76822-97-4
(SY) palm-HCys
(HM) HOMOCYSTEINE/*analogs
(II) LIPOSOMES
(NO) incorporated into liposomes; RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 9/85

1-palmitoyl-lysophosphatidic acid
(RN) 22002-85-3
(RR) 72737-06-5 (unspecified Na salt(R)-isomer)
(RR) 7220-34-0 ((R)-isomer)
(SY) PLPA
(HM) *PHOSPHATIDIC ACIDS
(NO) RN given refers to parent cpd without isomeric designation

palmitoyl lysophosphatidylcholine see We 201

1-palmitoyl-2-(6-(N-(7-nitroben z-2-oxa-1,3-diazol-4-yl)aminocaproyl) phosphatidylcholine
(SY) C6-NBD-PC
(HM) *PHOSPHATIDYLCHOLINES
(II) FLUORESCENT DYES

1-palmitoyl-2-oleoyl-lecithin see 1-palmitoyl-2-oleoylphosphatidylcholine

1-palmitoyl-2-oleoylphosphatidylcholine
(RN) 6753-55-5
(RR) 26853-31-6 ((R)-(Z)-isomer)
(SY) 1-palmitoyl-2-oleoyl-lecithin
(SY) 1-palmitoyl-2-oleoyl-sn-glycero-3-phosphocholine
(HM) *PHOSPHATIDYLCHOLINES
(NO) RN given refers to (Z)-isomer; cpd without isomeric designation not in Chemline 7/12/83

1-palmitoyl-2-oleoyl-sn-glycero-3-phosphocholine see 1-palmitoyl-2-oleoylphosphatidylcholine

1-palmitoyl-2-omega-(2-diazo-3,3,3-trifluoropropionyloxy)lauroyl-sn-glycero-3-phosphocholine
(RN) 65114-55-8
(SY) PC-II
(HM) *PHOSPHATIDYLCHOLINES
(II) CROSS-LINKING REAGENTS
(NO) structure given in first source

2-palmitoyl-3-phthioceranoyl-6,6'-bis hydroxyphthioceranoyl trehalose-2'-sulfate see sulfolipid I

1-palmitoyl-2-pyrenedecanoylphosphatidylcholine see pyrenelecithin

N-palmitoyl-seryl-seryl-asparaginyl-alanine
(SY) palmitoyl tetrapeptide
(SY) Pam-Ser-Ser-Asn-Ala
(HM) *OLIGOPEPTIDES
(II) MITOGENS
(NO) analog of N-terminal part of lipoprotein from outer membrane of E. coli

1-palmitoyl-sn-glycerol-3-phosphorylcholine see We 201

palmitoyl tetrapeptide see N-palmitoyl-seryl-seryl-asparaginyl-alanine

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1-palmitoyl-2-(10-(4-((trifluoromethyl) diazirinyl)phenyl)-8-oxadecanoyl)-sn-glycero-3-phosphocholine
(RN) 86013-84-5
(RR) 86013-83-4 ((R)-isomer)
(SY) PTPC
(HM) *PHOSPHATIDYLCHOLINES
(HM) *AZIRINES
(II) AFFINITY LABELS
(NO) RN given refers to parent cpd; RN given from first source

palmitoyl tuberactinamine N
(RN) 74240-44-1
(SY) PTAN
(HM) *ENVIOMYCIN/analogs
(NO) structure given in first source

palmityl-agarose see palmityl-sepharose

palmitylamine see hexadecylamine

palmityl-CoA-acyl-carrier-protein transacylase
(RN) EC 2.3.1.-
(SY) palmitoyl CoA-ACP-transacylase
(HM) *ACYLTRANSFERASES

palmityl CoA oxidase see palmitoyl CoA oxidase

palmityl CoA synthetase
(RN) EC 6.2.1.-
(SY) palmitoyl CoA synthetase
(HM) *COENZYME A SYNTHETASES

1-palmitylglycerol 3-phosphate acyltransferase see 1-acylglycerophosphate acyltransferase

palmityl-sepharose
(SY) sepharose-palmitic
(SY) palmityl-agarose
(HM) SEPHAROSE/*analogs
(II) INDICATORS AND REAGENTS

Palmo ara-C see palmitoyl cytarabine

palm oil
(RN) 8002-75-3
(HM) *OILS
(II) DIETARY FATS

palmotoxin Bo
(RN) 39450-10-7
(HM) *MYCOTOXINS
(NO) fluorescent metabolite of Aspergillus flavus Link; highly toxic

palmotoxin Go
(RN) 39450-11-8
(HM) *MYCOTOXINS
(NO) fluorescent metabolite of Aspergillus flavus Link; highly toxic

palosein see orgotein

PALP see pregnancy-associated leporine proteins

PALP-1 see pregnancy-associated leporine proteins

PALP-2 see pregnancy-associated leporine proteins

L-T3 PAL see N-2-diazo-3,3,3-trifluoropropionyl-3,5,3'-triiodothyronine

palygorskite see attapulgite

palytoxin
(RN) 11077-03-5
(HM) *COELENTERATE VENOMS
(NO) coelenterate toxin; composed of substituted N-(3-hydroxypropyl-trans-3-amidoacrylamides

pamamycin
(RN) 71892-94-9
(HM) *ANTIBIOTICS, ANTIFUNGAL
(NO) stimulator of aerial mycelia formation; elemental composition C36-H63-N-O7

pamaquine
(RN) 491-92-9
(RR) 63680-62-6 (mono-HCl)
(RR) 5463-14-9 (mono-HI)
(RR) 134-39-4 (citrate[1:1])
(SY) plasmocide
(SY) 8-((4-(diethylamino)-1-methylbutyl)amino)-6-methoxyquinoline
(HM) *AMINOQUINOLINES
(PA) ANTIMALARIALS
(NO) structure; RN given refers to parent cpd

pamatolol
(RN) 59110-35-9
(RR) 59954-01-7 (sulfate[2:1])
(RR) 35132-90-2 (HCl)
(SY) H104-08
(SY) Astra
(SY) methyl (4-(2-hydroxy-3-(isopropylamino)propoxy) phenylethyl)carbamate
(HM) *PROPANOLAMINES
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS
(NO) RN given refers to (+-)-isomer; cpd without isomeric designation not in Chemline 7/14/83

PAMBA see 4-aminomethylbenzoic acid

2-Pam bromide see pralidoxime

2-PAM chloride see pralidoxime

PAME see 1-phenyl-1-aminomethylethene

PA-meTyr-oxytocin see oxytocin, 1-penicillamine-2-O-MeTyr-

2-Pam iodide see pralidoxime

pamoic acid
(RN) 130-85-8
(RR) 68226-95-9 (di-K salt)
(RR) 68226-94-8 (di-Rb salt)
(RR) 68226-93-7 (di-Cs salt)
(RR) 59413-58-0 (di-Li salt)
(RR) 6640-22-8 (di-Na salt)
(SY) embonic acid
(SY) 4,4'-methylenebis(3-hydroxy-2- naphtoic acid) naphthalenecarboxylic acid)
(HM) *NAPHTHOLS
(NO) RN given refers to parent cpd; structure

PAMP-1 see pregnancy-associated murine protein 1

Pam-Ser-Ser-Asn-Ala see N-palmitoyl-seryl-seryl-asparaginyl-alanine

2-PAM see pralidoxime

panadiene see taluosil

panadiene compound see taluosil

Panatone see leucomethylene blue

panaxan A
(RN) 95032-31-8
(HM) *POLYSACCHARIDES
(PA) HYPOGLYCEMIC AGENTS
(II) GINSENG
(NO) MW 14,000 glycan from Panax ginseng roots

panaxynol see falcarinol

pancratistatin
(HM) *ISOQUINOLINES
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(NO) isocarbostyril from Amaryllidaceous genera

pancrealipase see Pancrease

pancreas cancer-associated antigen
(SY) PCAA
(SY) DU-PAN-2 antigen
(HM) *ANTIGENS, NEOPLASM
(NO) only found in pancreatic tumors; glycoprotein with MW of approximately 1,000,000 & consists of 20% carbohydrates & 80% peptides; isoelectric point of 4.7; migrates to alpha 2-beta region; sedimentation coefficient of 14S; different from oncofetal antigens & pancreas-specific antigen

Pancrease
(RN) 8049-47-6
(SY) pancrealipase
(HM) *PANCREATIN
(II) TABLETS, ENTERIC COATED
(NO) pancreatin coated with a pH-dependent polymer, liberating pancreatin as pH increases above 5

pancreas leukemia virus-related protein
(SY) PLV-gp70
(HM) *RETROVIRIDAE PROTEINS
(NO) MW 70,000; found in granules of islet cells in the murine pancrease

pancreas-specific antigen
(HM) *ANTIGENS, NEOPLASM
(NO) single peptide protein with MW of 44000 & pH of 4.9; not same as oncofetal antigens or pancreas cancer-associated antigen

pancreatic acidic phosphoprotein see stone protein

pancreatic eicosapeptide
(SY) human pancreatic eicosapeptide
(SY) pancreatic icosapeptide
(SY) ovine pancreatic icosapeptide
(HM) *PANCREATIC POLYPEPTIDE
(HM) *PEPTIDE FRAGMENTS
(II) PROTEIN PRECURSORS
(NO) COOH-terminal fragment of pancreatic polypeptide precursor; amino acid sequence given in first source

pancreatic icosapeptide see pancreatic eicosapeptide

pancreatic oncofetal antigen see oncofetal antigens

pancreatic oncofoetal antigen see oncofetal antigens

pancreatic polypeptide, avian
(RN) 58591-52-9
(SY) avian pancreatic polypeptide, avian polypeptide (chicken)
(HM) *PANCREATIC POLYPEPTIDE
(NO) postulated new hormone isolated from avian pancreas

pancreatic polypeptide hexapeptide
(SY) C-terminal hexapeptide-pancreatic polypeptide
(SY) hexapeptide, pancreatic polypeptide
(HM) *PANCREATIC POLYPEPTIDE
(HM) *PEPTIDE FRAGMENTS

pancreatic polypeptide receptor
(SY) receptor, pancreatic polypeptide
(SY) pancreatic polypeptide receptors
(SY) PPP receptor
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) PANCREATIC POLYPEPTIDE

pancreatic polypeptide receptors see pancreatic polypeptide receptor

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pancreatic secretory factor see pancreatic secretory factor, Gila monster venom

pancreatic secretory factor, Gila monster venom
(SY) PSF-GMW
(SY) pancreatic secretory factor
(HM) *PEPTIDES
(II) VENOMS
(II) LIZARDS
(NO) MW 17,500 protein from venom of Gila Heloderma monster with potent secretory effect on dispersed pancreatic acini

pancreatic spasmolytic polypeptide
(SY) PSPP
(HM) *PEPTIDES
(PA) PARASYMPATHOLYTICS
(NO) 106 amino acid peptide from porcine pancreas with MW 11700; spasmolytic activity & inhibitor of gastrointestinal motility & gastric acid secretion

pancreatic stone protein see stone protein

pancreatic thread protein
(HM) *PROTEINS
(II) PANCREAS
(NO) from bovine pancreas; MW 177,800 for monomer; partial amino acid sequence given in first source

pancrelipase
(RN) 53608-75-6
(SY) cotazyme
(SY) viokase
(SY) pancrenase
(HM) *LIPASE
(HM) *PANCREATIC EXTRACTS
(NO) preparation of hog pancreas containing lipolytic enzymes

pancrenase see pancrelipase

pancreolauryl see fluorescein dilaurate

pancreotone
(RN) 66231-66-1
(HM) *GASTROINTESTINAL HORMONES
(NO) peptide extract of ileal & colonic mucosa from cats & pigs

panfuran acetate see acetylfuratrizine

Panfuran S see dihydroxymethylfuratrizine

panodin
(RN) 65666-20-8
(SY) panodine
(HM) *PROTEINS
(PA) ANTI-INFLAMMATORY AGENTS
(NO) protein of animal origin

panodine see panodin

panogen 15
(RN) 502-39-6
(SY) methylmercurydicyandiamide
(SY) (3-cyanoguanidino)methylmercury
(SY) morsodren
(HM) *METHYLMERCURY COMPOUNDS
(PA) FUNGICIDES, INDUSTRIAL

panpur
(HM) *PANCREATIN
(HM) *TISSUE EXTRACTS
(HM) DRUG COMBINATIONS
(II) BILE
(NO) combination of pancreatin & purified dried ox bile

PAN reagent see 1-(2-pyridylazo)-2-naphthol

pansoral
(HM) *SALICYLATES
(PA) ANALGESICS, ANTI-INFLAMMATORY
(NO) combination containing choline salicylate & cetalkonium chloride as surface-active agents

pantetheinase
(RN) EC 3.5.1.-
(HM) *AMIDOHYDROLASES
(NO) catalyzes hydrolysis of pantethine to panothenic acid & cysteamine

pantetheinephosphate adenylyltransferase
(RN) EC 2.7.7.3
(RR) 9026-99-7 (CRN)
(SY) dephospho-CoA pyrophosphorylase
(HM) *NUCLEOTIDYLTRANSFERASES

pantetheine-3-pyruvate
(HM) *PANTETHEINE/analogs
(NO) substrate for determination of pantetheinase; structure given in first source

pantethine
(RN) 303-05-9
(RR) 16816-67-4 ((D)-(+)-isomer)
(RR) 75705-35-0 (14C-labeled cpd)
(HM) *PANTETHEINE/analogs
(NO) RN given refers to cpd without isomeric designation; structure

panthenol see dexpanthenol

panthenyl ethyl ether
(RN) 667-83-4
(HM) PANTOTHENIC ACID/*analogs
(NO) found in hair lotion; causes dermatitis; structure given in first source

p53 antigen see phosphoprotein pp53

p97 antigen see melanoma-specific protein

pantoate dehydrogenase
(RN) EC 1.1.1.106
(HM) *ALCOHOL OXIDOREDUCTASES

pantogab
(RN) 1977-33-9
(RR) 18679-90-8 ((R)-isomer)
(RR) 49831-65-4 ((S)-isomer)
(RR) 49831-64-3 ((+-)-isomer)
(RR) 1990-07-4 (Ca[2:1] salt)
(RR) 17097-75-5 (Na salt(R)-isomer)
(RR) 17097-76-6 (Ca[2:1] salt(R)-isomer)
(SY) GABA pantoate
(SY) hopantenic acid
(SY) GABA-pantoyl
(SY) homopantothenic acid
(SY) pantoyl-GABA
(SY) pantogam
(SY) calcium hopantenate
(HM) GABA/*analogs
(HM) PANTOTHENIC ACID/*analogs
(NO) RN given refers to cpd without isomeric designation; synonym hopantenic acid refers to (R)-isomer; synonym pantogam refers to Ca salt (2:1), ((R)-isomer

pantogam see pantogab

pantoic acid
(RN) 470-29-1
(RR) 1112-33-0 ((R)-isomer)
(RR) 60979-68-2 (mono-Na salt(R)-isomer)
(RR) 6332-70-3 (mono-Na salt)
(RR) 55289-50-4 (mono-Li salt(+-)-isomer)
(RR) 6150-40-9 ((+-)-isomer)
(HM) *HYDROXYBUTYRATES
(NO) RN given refers to cpd without isomeric designation

pantolactone
(RN) 79-50-5
(RR) 599-04-2 ((R)-isomer)
(RR) 5405-40-3 ((S)-isomer)
(RR) 75705-34-9 (2-(14)C-labeled cpd (+-)-isomer)
(SY) pantoyl lactone
(SY) 2,4-dihydroxy-3,3-dimethylbutyric acid gamma-lactone
(HM) *4-BUTYROLACTONE/analogs
(NO) degradation product of pantothenic acid in liver; RN given refers to (+-)-isomer; cpd without isomeric designation not in Chemline 7/12/83; structure

pantothenase
(RN) EC 3.5.1.22
(HM) *AMIDOHYDROLASES
(HM) PANTOTHENIC ACID

pantothenate kinase
(RN) EC 2.7.1.33
(RR) 9026-48-6 (CRN)
(HM) *PHOSPHOTRANSFERASES, ATP

pantothenate synthetase
(RN) EC 6.3.2.1
(HM) *PEPTIDE SYNTHETASES

pantothenol see dexpanthenol

pantoyl-GABA see pantogab

pantoyl lactone see pantolactone

pantripin
(RN) 9041-60-5
(SY) pantrypin
(HM) *PEPTIDES
(PA) ANTIFIBRINOLYTIC AGENTS
(PA) PROTEASE INHIBITORS
(NO) polypeptide from bovine pancreas

pantrypin see pantripin

panuramine
(RN) 80349-58-2
(SY) Wy 26002
(SY) Wy-26002
(SY) 1-benzoyl-3-(1-(2-naphthylmethyl)-4-piperidyl) urea
(HM) *PIPERIDINES
(PA) SEROTONIN ANTAGONISTS
(NO) RN given from USAN; RN not in Chemline 1/85

papaveraldine
(RN) 522-57-6
(HM) PAPAVERINE/*analogs
(NO) degradation product of papaverine

papaverine lauryl sulfate
(RN) 37933-68-9
(HM) *PAPAVERINE
(HM) *SODIUM DODECYL SULFATE
(HM) DRUG COMBINATIONS

papaverinol
(RN) 482-76-8
(HM) PAPAVERINE/*analogs
(NO) degradation product of papaverine

papaveroline
(RN) 574-77-6
(RR) 23740-74-1 (HBr)
(SY) 1-(3,4-dihydroxybenzyl)isoquinoline-6,7-diol
(HM) TETRAHYDROPAPAVEROLINE/*analogs
(PA) VASODILATOR AGENTS
(NO) RN given refers to parent cpd; structure

papaya peptidase see cysteine proteinase

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papaya peptidase A
(RN) EC 3.4.22.-
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) similar to papain; has very high content of lysine

PAPBL see 4-aminophenyl beta-lactoside

PAPETA see 4-aminophenethyltrimethylammonium

paphencil see pafencil

paphencyl see pafencil

1-PAPOP see
1-(N-piperidino)-3-(2-aminophenyl)-3-oxopropane

PAP-I-a protein see nerve tissue protein S 100a

PAP-I-b protein see nerve tissue protein S 100b

PAPS phosphohydrolase see
3'-phosphoadenosine-5'-phosphosulfate phosphohydrolase

PAPS sulfotransferase
(RN) EC 2.8.2.-
(SY) 3'-phosphoadenosine 5'-phosphosulfate sulfotransferase
(SY) adenosine 3'-phosphate 5'-phosphosulfate reductase
(SY) adenosine 3'-phosphate 5'-phosphosulfate sulfotransferase
(HM) *SULFURTRANSFERASES
(NO) sulfo group of PAPS transferred to a carrier; thioredoxin or glutaredoxin can act as cofactor

PAPTGA see 4-aminophenyl
1-thio-beta-glucopyranosiduronic acid

PAP toxin see phytolaccin

papulacandin A see papulacandins

papulacandin B
(RN) 61032-80-2
(SY) D-Glucopyranose, 1,16-anhydro-1-C-(2,4-dihydroxy-6-(hydroxymethyl)phenyl)-4-O-(6-O-(8-hydroxy-1-oxo-2,4,6-decatrienyl)-beta-D-galactopyranosyl)-, 3-(7-hydroxy-8,14-dimethyl-2,4,8,10-hexadecatetraenoate)
(HM) GLYCOSIDES
(PA) ANTIBIOTICS, ANTIFUNGAL
(NO) from Papularia sphaerosperma; inhibits growth of Candida albicans; structure

papulacandin C see papulacandins

papulacandin D see papulacandins

papulacandin E see papulacandins

papulacandins
(RN) 61036-45-1
(SY) papulacandin A
(SY) papulacandin C
(SY) papulacandin D
(SY) papulacandin E
(HM) GLYCOSIDES
(PA) ANTIBIOTICS, ANTIFUNGAL
(NO) isolated from Papularia sphaerosperma (Deutermycetes); see also papulacandin B; structures of papulacandins A,C & D in second source

papyriogenin A
(RN) 59076-79-8
(HM) *OLEANOLIC ACID/analogs
(PA) ANTI-INFLAMMATORY AGENTS
(II) PLANT EXTRACTS
(NO) isolated from Tetrapanax papyiferum; structure in first source

papyriogenin C
(RN) 72933-75-6
(HM) *OLEANOLIC ACID/analogs
(PA) ANTI-INFLAMMATORY AGENTS
(II) PLANT EXTRACTS
(NO) isolated from Tetrapanax papyiferum; structure in first source

PAR see 4-(2-pyridylazo)resorcinol

para-acetamidobenzoic acid see 4-acetamidobenzoic acid

para-acetamidophenyl 2'-acetoxybiphenyl-2-carboxylate see 4-acetamidophenyl 2'-acetoxybiphenyl-2-carboxylate

para-aminoacetophenone see 4-aminoacetophenone

para-aminobenzamide see 4-aminobenzamide

para-aminobenzamidine see 4-aminobenzamidine

para-aminobenzenesulfonic acid see 4-sulfanilic acid

para-aminobenzhydrazide see 4-aminobenzhydrazide

para-aminobenzoic acid-N-D-xyloside see 4-aminobenzoic acid-N-xyloside

para-aminobenzonitrile see 4-aminobenzonitrile

para-aminobenzoylglutamic acid see 4-aminobenzoylglutamic acid

para-aminobenzoylpoly-gamma-glutamic acid see 4-aminobenzoyl-poly-gamma-glutamate

para-aminobenzylcarazolol see 4-aminobenzylcarazolol

para-aminoclonidine see 4-aminoclonidine

para-aminodiphenylamine see 4-aminodiphenylamine

para-aminoheptanoylphenone see 4-aminoheptanoylphenone

para-aminohexanoylphenone see 4-aminohexanoylphenone

para-aminomethylbenzoic acid see 4-aminomethylbenzoic acid

para-aminopentanoylphenone see 4-aminopentanoylphenone

para-aminophenethyltrimethyammonium see 4-aminophenethyltrimethylammonium

para-aminophenol see 4-aminophenol

para-aminophenylalanine see 4-aminophenylalanine

para-aminophenyl alpha-fucopyranoside see 4-aminophenyl fucoside

para-aminophenyl-beta-D-galactopyranoside see 4-aminophenyl-beta-galactoside

para-aminopbenyl beta-lactoside see 4-aminophenyl beta-lactoside

para-aminophenylmercuriacetate see 4-aminophenylmercuriacetate

N-(para-aminophenyl)stearylamide see N-(4-aminophenyl)stearylamide

para-aminopropiophenone see 4-aminopropiophenone

para-aminosalicylic acid phenyl ester see phenyl 4-aminosalicylate

para-anisidine see 4-anisidine

para-azbenzenetrimethylammonium see 4-azobenzenetrimethylammonium

para-azidoatropine methiodide see 4-azidoatropine methiodide

para-azidobenzylcarazolol see 4-azidobenzylcarazolol

para-azido-m-iodobenzylcarazolol see 4-azido-3-iodobenzylcarazolol

para-azidophenylalanine(13)-alpha-MSH see MSH, 13-(4-azido-Phe)alpha-

para-azidophenylglyoxal see 4-azidophenylglyoxal

para-azidopuromycin see 4-azidopuromycin

para-azobenzoate see 4-azobenzoate

para-azophenylphosphorylcholine see 4-azophenylphosphorylcholine

parabactin
(RN) 74149-70-5
(SY) ferric parabactin
(HM) *OXAZOLES
(II) IRON CHELATES
(NO) RN given refers to (4S-trans)-isomer; RN for cpd without isomeric designation not in Chemline 12/84

parabens-choline see 4-hydroxybenzoylcholine

para-benzoquinone see benzoquinone

para-benzylaminesulfonic acid see 4-benzylaminesulfonic acid

2(para-biphenyl)propionic acid see 2(4-biphenyl)propionic acid

para-borono-L-phenylalanine see 4-boronophenylalanine

1-(para-bromoacetamidobenzyl)EDTA see 1-(4-bromoacetamidobenzyl)EDTA

para-(bromoacetamidyl)benzylcarazolol see 4-(bromoacetamido)benzylcarazolol

1-N-(para-bromobenzoyl)methyladamantylamine see 4-bromobenzoyl-methyladamantylamine

para-bromomethamphetamine see 4-bromomethamphetamine

para-bromophenol see 4-bromophenol

para-bromophenylboric acid see 4-bromophenylboric acid

1-(para-bromotetramisole) see 4-bromotetramisole

para-Br-PSH see 1-((4-bromophenyl)sulfonyl)hydantoin

N-(para-butoxybenzyl)formamide see N-(4-butoxybenzyl)formamide

para-butoxyphenylacetamide see 4-butoxyphenylacetamide

1-para-carboxamidophenyl-3,3-dimethyltriazene see 1-4-carboxamidophenyl-3,3-dimethyltriazene

para-carboxamidopiperidine-N-dithiocarboxylate see 4-carboxamidopiperidine-N-dithiocarboxylate

para-carboxybenzaldehyde see 4-carboxybenzaladehyde

paracelsin
(RN) 88526-44-7
(HM) PEPTIDES
(PA) ANTIBIOTICS
(NO) peptide antibiotic from Trichoderma reesei Simmons

paracetamol N-acetylmethionate see SUR 2647

para-chlorobenzoic acid see 4-chlorobenzoic acid

N-(para-chlorobenzyl)-L-phenylalanine see BRL 26314

parachloromercuribenzoate see 4-chloromercuribenzoic acid

para-chloro-meta-nitrobenzoate see 4-chloro-3-nitrobenzoic acid

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para-chloro-N-methylaniline demethylase see 4-chloro-N-methylaniline demethylase

parachlorophenol see 4-chlorophenol

para-chlorophenylalanine methyl ester see 4-chlorophenylalanine methyl ester

para-chlorophenyl methyl sulfide see 4-chlorophenyl methyl sulfide

para-chlorophenyl methyl sulfone see 4-chlorophenyl methyl sulfone

para-chlorotamoxifen see 4-chlorotamoxifen

paracoccidioidin
(HM) *COCCIDIOIDIN

para-coumaric acid see 4-coumaric acid

para-cresidine see cresidine

para-cresol see 4-cresol

paractol see asilone

para-cyano-N,N-dimethylaniline see 4-cyano-N,N-dimethylaniline

para-(1,2-dicarba-closo-dodecaboran-2-yl) benzenediazonium see 4-(1,2-dicarba-closo-dodecaboran-2-yl)benzenediazonium

2-(para-(dimethylamino)styryl)-1-methylpyridinium see 2-(4-(dimethylamino)styryl)-1-methylpyridinium

para-(3,3-dimethyl-1-triazenyl)benzoic acid see 1-4-(3,3-dimethyl-1-triazeno)benzoic acid

paraffin oils
(RN) 8012-95-1
(RR) 68553-92-4 (paraffin oils, reaction products with aluminum stearate)
(RR) 68514-77-2 (paraffin oils, sulfated, Na salts)
(RR) 68201-54-7 (paraffin oils, sulfurized)
(RR) 68188-18-1 (paraffin oils, sulfochlorinated, saponified)
(RR) 64742-71-8 (paraffin oils [petroleum], catalytic dewaxed light)
(RR) 64742-70-7 (paraffin oils [petroleum], catalytic dewaxed heacy)
(HM) *OILS
(NO) RN given refers to cpd with unknown MF

Parafilm
(HM) *WAXES
(NO) waxy strip, (Parafilm sealing tissue, Gallenkamp); stimulant of salivary secretion

paraflagellar rod proteins, Trypanosoma brucei
(SY) PRP-TBB
(HM) *ANTIGENS, PROTOZOAN
(II) TRYPANOSOMA BRUCEI BRUCEI
(NO) MW 70,000 to 80,000

para-fluoroamphetamine see 4-fluoroamphetamine

para-fluorobenzoic acid see 4-fluorobenzoic acid

para-fluorocinnamate see 4-fluorocinnamic acid

(2-parafluorophenyl-4-hydroxybutyl)-5-parafluorophenyl-8-fluoro-1,2,3,4-tetrahydro-gamma-carboline see fluvoxamine

5'-(para-fluorosulfonylbenzoyl)uridine see 5'-(4-fluorosulfonylbenzoyl)uridine

para-fluorotamoxifen see 4-fluorotamoxifen

paraform
(RN) 30525-89-4
(RR) 50659-38-6 (14C-labeled cpd with unspecified MF [homopolymer])
(SY) paraformaldehyde
(HM) *FORMALDEHYDE
(HM) *POLYMERS
(NO) polymerized formaldehyde; RN given refers to parent cpd

paraformaldehyde see paraform

para-Forssman glycolipid see Forssman glycolipid

paragloboside
(RN) 56573-54-7
(SY) Gal beta 1-4 GlcNA beta 1-3 Gal beta 1-4 Glc-Cer
(SY) neolactotetraosylceramide
(SY) NLTC
(HM) *GLOBOSIDES

paragracine
(RN) 57695-32-6
(SY) 2-(dimethylamino)-8-(methylamino)-6-methyl-1,3,7,9-tetraazacyclopent(e)azulene
(HM) *IMIDAZOLES
(II) COELENTERATE VENOMS
(NO) from Parazoanthus gracillis; selectively blocks Na channels of squid axon membranes in a frequency dependent manner; structure in first source

para-guanidinophenylalanine see 4-guanidinophenylalanine

parahexyl see synhexyl

para-hydroxybenzaldehyde see 4-hydroxybenzaldehyde

para-hydroxybenzoate polyprenyltransferase see 4-hydroxybenzoate polyprenyltransferase

para-hydroxybenzoic acid see 4-hydroxybenzoic acid

para-hydroxybenzoic acid hydrazide see 4-hydroxybenzoic acid hydrazide

para-hydroxybenzoylcholine see 4-hydroxybenzoylcholine

para-hydroxyephedrine see oxilofrin

para-hydroxymandelic acid see 4-hydroxymandelic acid

para-hydroxymephenytoin see 4-hydroxymephenytoin

para-hydroxymercuribenzoate see 4-hydroxymercuribenzoate

para-hydroxymerduribenzenesulfonate see 4-hydroxymercuribenzenesulfonate

para-hydroxymethylphenidate see 4-hydroxymethylphenidate

para-hydroxymexiletine see 4-hydroxymexiletine

para-hydroxyphenethyleneglycol see 4-hydroxyphenethylene glycol

para-hydroxyphenobarbital see 4-hydroxyphenobarbital

para-hydroxyphenylacetaldoxime see 4-hydroxyphenylacetaldoxime

para-hydroxyphenylacetic acid see 4-hydroxyphenylacetic acid

para-hydroxyphenylethanol see 4-hydroxyphenylethanol

para-hydroxyphenylglyoxal see 4-hydroxyphenylglyoxal

N-(para-hydroxyphenyl)-1-isopropyladenosine see N-(4-hydroxyphenyl)-1-isopropyladenosine

para-hydroxyphenylisopropylarterenol see 4-hydroxyphenylisopropylarterenol

para-hydroxyphenyllactic acid see 4-hydroxyphenyllactic acid

para-hydroxyphenylpyruvic acid see 4-hydroxyphenylpyruvic acid

para-hydroxypiperidine-N-dithiocarboxylate see 4-hydroxypiperidine-N-dithiocarboxylate

para-hydroxyprimidone see 4-hydroxyprimidone

para-hydroxytamoxifen see 4-hydroxytamoxifen

para-hydroxytriamterene see 4-hydroxytriamterene

para-iodoamphetamine see 4-iodoamphetamine

15-(para-iodophenyl)-6-telluropentadecanoic acid see 15-(4-iodophenyl)-6-telluropentadecanoic acid

para-isothiocyanatobenzenesulfonate see 4-isothiocyanatobenzenesulfonate

Paramax
(RN) 73802-00-3
(HM) *ACETAMINOPHEN
(HM) *METOCLOPRAMIDE
(HM) DRUG COMBINATIONS
(NO) used in migraine therapy

Paramecium i-antigen see immobilization antigens

para-mercuribenzene sulfonate see 4-mercuribenzene sulfonate

para-mercuribenzoate see 4-mercuribenzoate

paramethadione
(RN) 115-67-3
(SY) 5-ethyl-3,5-dimethyloxazolinedione
(HM) *OXAZOLES
(PA) ANTICONVULSANTS
(NO) structure

para-methoxybenzeneselenol see 4-methoxybenzeneselenol

para-methoxyphenol see 4-hydroxyanisole

para-methoxy-L-tyrosine see 4-methoxytyrosine

para-methylhippuric acid see 4-methylhippuric acid

para-methyltamoxifen see 4-methyltamoxifen

para-methylumbelliferyl-alpha-D-mannopyranoside see 4-methylumbelliferyl-alpha-D-mannopyranoside

para-methylumbelliferyl-beta-D-mannopyranoside see 4-methylumbelliferyl-beta-D-mannopyranoside

paramol 118 see dihydrocodeine

para-monochlorophenol see 4-chlorophenol

paramunity inducer PIND-AVI see PIND-AVI

paramunity inducer PIND-ORF see PIND-ORF

paramylon
(RN) 51052-65-4
(SY) beta-1,3-glucan reserve polysaccharide
(HM) *GLUCANS

Paramyxovirus fusion protein see virus fusion proteins

paranaric acid see parinaric acid

paranemin
(HM) *MUSCLE PROTEINS
(NO) high mol wt protein associated with desmin & vimentin filaments from avian embryonic skeletal muscle

para-nitroaniline see 4-nitroaniline

para-nitroanisole see 4-nitroanisole

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para-nitroanisole O-demethylase see 4-nitroanisole O-demethylase

para-nitrobenzaldehyde see 4-nitrobenzaldehyde

para-nitrobenzenesulfonyl fluoride see 4-nitrobenzenesulfonyl fluoride

para-nitrobenzoate reductase see 4-nitrobenzoate reductase

para-nitrobenzoic acid see 4-nitrobenzoic acid

para-nitrobenzyloxyamine see 4-nitrobenzyloxyamine

para-nitrobiphenyl see 4-nitrobiphenyl

para-nitrocatechol sulfate see 4-nitrocatechol sulfate

para-nitrophenetol see 4-nitrophenetol

para-nitrophenetole-O-dealkylase see 4-nitrophenetole-O-dealkylase

para-nitrophenoxycarbonyl methyl disulfide see 4-nitrophenoxycarbonyl methyl disulfide

para-nitrophenyl acetate see 4-nitrophenyl acetate

para-nitrophenyl-N-acetyl-beta-D-galactosaminide see 4-nitrophenyl-N-acetyl-beta-D-galactosaminide

para-nitrophenyl 2-O-alpha-L-fucopyranosyl-beta-D-fucopyranoside see 4-nitrophenyl 2-fucopyranosyl-fucopyranoside

para-nitrophenyl-alpha-glucosidase see 4-nitrophenyl-alpha-glucosidase

para-nitrophenyl alpha-glucoside see 4-nitrophenyl alpha-glucoside

para-nitrophenyl-alpha-D-maltotetraose see 4-nitrophenyl-alpha-maltotetraose

para-nitrophenyl-alpha-D-mannopyranoside see 4-nitrophenyl-alpha-D-mannopyranoside

para-nitrophenyl anthranilate see 4-nitrophenyl anthranilate

para-nitrophenyl beta-D-cellobioside see 4-nitrophenyl beta-cellobioside

para-nitrophenyl beta-D-glucoside see 4-nitrophenyl beta-D-glucoside

para-nitrophenyl-beta-D-mannopyranoside see 4-nitrophenyl-beta-D-mannopyranoside

para-nitrophenyl beta-D-xyloside see 4-nitrophenyl beta-D-xyloside

para-nitrophenyl butyrate see 4-nitrophenyl butyrate

para-nitrophenyldiazonium see 4-nitrophenyldiazonium

para-nitrophenylethylamine see 4-nitrophenethylamine

para-nitrophenylglucuronide see 4-nitrophenylglucuronide

para-nitrophenylglycerol see 4-nitrophenylglycerol

para-nitrophenyl p'-guanidinobenzoate see 4-nitrophenyl 4'-guanidinobenzoate

para-nitrophenylhydroxylamine see 4-nitrophenylhydroxylamine

para-nitrophenyl maltoheptaoside see 4-nitrophenyl maltoheptaoside

para-nitrophenylmaltoside see 4-nitrophenylmaltoside

para-nitrophenylphosphorylcholine see 4-nitrophenylphosphorylcholine

para-nitrophenylserinal see 1-(4'-nitrophenyl)-2-aminopropane-1,3-diol

para-nitrophenyl sulfate see 4-nitrophenyl sulfate

para-nitrosodimethylaniline see 4-nitrosodimethylaniline

para-nitrosophenetol see 4-nitrosophenetole

para-nitrostyrene oxide see 4-nitrostyrene oxide

para-nitrothiophenol see 4-nitrothiophenolate

para-nonylphenol see 4-nonylphenol

paraoxonase see arylesterase

paraoxon hydrolyzing enzyme see arylesterase

parapenzolate bromide
(RN) 5634-41-3
(RR) 38528-48-2 (iodide)
(SY) 4-benzyloxy-1,1-dimethylpiperidinium bromide
(SY) Relanol
(HM) *PIPERIDINES
(PA) PARASYMPATHOLYTICS
(NO) RN given refers to bromde; RN for parent cpd not in Chemline 7/12/83

paraphenacyl
(RN) 17173-85-2
(SY) pafencil amide
(HM) *NITROGEN MUSTARD COMPOUNDS
(NO) Russian drug

para phenyl benzoic acid see 4-phenylbenzoic acid

para-phenylene-N,N'-bis(maleimide) see N,N'-4-phenylenedimaleimide

para-phenylenediamine see 4-phenylenediamine

parasphenylenediamine see 4-phenylenediamine

para-propylanisole see 4-propylanisole

pararosaniline
(RN) 479-73-2
(RR) 569-61-9 (mono-HCl)
(RR) 61467-66-1 (mono-HI)
(RR) 61467-65-0 (monoperchlorate)
(RR) 61467-64-9 (mononitrate)
(RR) 61467-59-2 (phosphate[3:1])
(RR) 61467-63-8 (sulfate[2:1])
(RR) 6035-94-5 (monoacetate)
(SY) alpha-(4-aminophenyl)-alpha-(4-imino-2,5-cyclohexadien-1-ylidene)-4-toluidine monohydrochloride
(HM) *TOLUIDINES
(II) ROSANILINE DYES
(NO) RN given refers to parent cpd; structure

parasicyonis toxin
(SY) PaTX
(HM) *COELENTERATE VENOMS
(II) NEUROTOXINS
(NO) sea anemone toxin; small proteinous neurotoxin

para-sulfonylphenylglyoxal see 4-sulfonylphenylglyoxal

para-tert-butylbenzoic acid see 4-tert-butylbenzoic acid

para-tert-butylphenolformaldehyde resin see CKM-1634

para-tert-butyltoluene see 4-tert-butyltoluene

para-tertiary-amyl-phenol see p-tert-amylphenol

para-TFAP-MRG see 4-trifluoroacetamidophenyl-beta-mannopyranosyl(1-4)-alpha-rhamnopyranosyl(1-3)-alpha-galactopyranoside

parathymosin alpha
(RN) 95328-48-6
(HM) THYMOSIN/*analogs
(NO) polypeptide isolated from rat thymus; contains approx. 105 amino acids

parathyrin (53-84) see parathyroid hormone (53-84)

parathyroid hormone (7-34) amide, 34-Tyr- see bovine parathyroid hormone (7-34) amide, 34-Tyr-

parathyroid hormone (1-34) amide
(SY) human pathathyroid hormone (1-34) amide
(SY) hPTH (1-34)-NH2
(SY) PTH (1-34) amide
(HM) *PARATHYROID HORMONES
(HM) *PEPTIDE FRAGMENTS
(NO) tetratricontapeptide amide corresponding to positions 1 to 34 of human parathyroid hormone

parathyroid hormone fragment (1-34) see parathyroid hormone peptide (1-34)

parathyroid hormone peptide (1-34)
(RN) 52232-67-4
(SY) human parathyroid hormone peptide
(SY) 1-34 h PTH
(SY) parathyroid hormone fragment (1-34)
(SY) PTH peptide (1-34)
(HM) *PEPTIDE FRAGMENTS
(HM) *PARATHYROID HORMONES
(NO) synthetic hormone peptide fragment 1-34; has different amino acid configuration than same hormone from cows

parathyroid hormone receptor
(SY) parathyroid hormone receptors
(SY) receptor, parathyroid hormone
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) PARATHYROID HORMONES

parathyroid hormone receptors see parathyroid hormone receptor

parathyroid hormone (42-55), 55-Tyr-
(SY) hPTH (42-55), 55-Tyr-
(SY) 55-Tyr-PTH (42-55)
(SY) 55-tyrosyl-parathyroid hormone (42-55)
(HM) *PARATHYROID HORMONES
(HM) *PEPTIDE FRAGMENTS

parathyroid hormone (43-68), 68-Tyr-
(SY) hPTH (43-68), 68-Tyr-
(SY) 68-tyrosyl-parathyroid hormone (43-68)
(SY) 68-Tyr-PTH (43-68)
(HM) *PARATHYROID HORMONES
(HM) *PEPTIDE FRAGMENTS

parathyroid hormone (44-68), 43-Tyr-
(SY) hPTH (44-68), 43-Tyr-
(SY) 43-tyrosyl-parathroid hormone (44-68)
(SY) 43-Tyr-PTH (44-68)
(HM) *PARATHYROID HORMONES
(HM) *PEPTIDE FRAGMENTS

parathyroid hormone (1-30)
(RN) 71512-77-1
(SY) PTH (1-30)
(SY) bPTH (1-30)
(HM) *PARATHYROID HORMONES
(HM) *PEPTIDE FRAGMENTS

parathyroid hormone(1-38)
(SY) human parathyroid hormone(1-38)
(SY) hPTH (1-38)
(SY) PTH (1-38)
(HM) *PARATHYROID HORMONES
(HM) *PEPTIDE FRAGMENTS
(NO) synthetic octatriacontapeptide corresponding to positions 1-38 of human parathyroid hormone

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parathyroid hormone (37–84)
(RN) 85188-69-8
(SY) PTH (37-84)
(HM) *PARATHYROID HORMONES
(HM) *PEPTIDE FRAGMENTS

parathyroid hormone (44–68)
(SY) hPTH (44-68)
(HM) *PARATHYROID HORMONES
(HM) *PEPTIDE FRAGMENTS

parathyroid hormone (46–84)
(RN) 84069-06-7
(SY) PTH (46-84)
(HM) *PARATHYROID HORMONES
(HM) *PEPTIDE FRAGMENTS
(NO) used in PTH radioimmunoassay kit

parathyroid hormone (53–84)
(SY) parathyrin (53-84)
(SY) PTH (53-84)
(HM) *PARATHYROID HORMONES
(HM) *PEPTIDE FRAGMENTS

parathyroid hormone (68–84)
(SY) hPTH (68-84)
(HM) *PARATHYROID HORMONES
(HM) *PEPTIDE FRAGMENTS

parathyroidin
(SY) parathyroidine
(HM) *PARATHYROID HORMONES

parathyroidine see parathyroidin

parathyroid secretory protein
(SY) secretory protein I, parathyroid gland
(HM) *CALCIUM-BINDING PROTEINS
(II) PARATHYROID GLANDS/secret
(NO) Ca-dependent protein; has higher MW than parathyroid hormone

para-toluenesulfonamide see 4-toluenesulfonamide

para-toluenesulphonamide see 4-toluenesulfonamide

para-toluidine see 4-toluidine

para-tolyl isocyanate see 4-tolyl isocyanate

para-trifluoromethylaniline see 4-trifluoromethylaniline

paraxanthine see 1,7-dimethylxanthine

para-xylene see 4-xylene

pardachirus toxin see pardaxin

pardaxin
(RN) 67995-63-5
(SY) pardachirus toxin
(HM) *FISH VENOMS
(NO) acidic protein from flatfish Pardachirus marmoratus

paregoric
(RN) 8029-99-0
(HM) *OPIUM
(PA) PARASYMPATHOLYTICS
(PA) ANTIDIARRHEALS
(NO) camphorated opium tincture

Paresabol see boldenone undecylenate

Parepectolin
(HM) *OPIUM
(HM) *KAOLIN
(HM) DRUG COMBINATIONS
(HM) *PECTINS
(PA) PARASYMPATHOLYTICS
(PA) ANTIDIARRHEALS
(NO) contains paregoric, pectin & kaolin

pareptide
(RN) 61484-38-6
(RR) 60016-91-3 ((L-Leu)-isomer)
(RR) 63236-22-6 (HCl(L-Leu)-isomer)
(RR) 63236-23-7 (HCl(D-Leu)-isomer)
(RR) 61484-39-7 (sulfate[2:1])
(HM) MSH RELEASE INHIBITING HORMONE/*analogs
(NO) synthetic analog of MIF; RN given refers to (D-Leu)-isomer

pargolol
(RN) 47082-97-3
(RR) 36902-82-6 (HCl(+-)-isomer)
(SY) 1-(tert-butylamino)-3-((2-propynyloxy)phenoxy)-2-propanol.HCl
(SY) Ko 1400
(SY) RU 21824
(HM) ALPRENOLOL/*analogs
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS
(NO) RN given refers to cpd without isomeric designation; NM refers to HCl; structure

pargyropiranone see pargyropyranone

pargyropyranone
(RN) 72543-53-4
(SY) pargyropiranone
(SY) 8-methoxy-3-phenyl-5-methylpropargylaminomethyl-1,2-benzopyrone
(SY) FR 54
(SY) FR-54
(HM) *COUMARINS
(PA) ANTICONVULSANTS

PARHAC see pentaammineruthenium azurin(histidine-83) complex

parinaric acid
(RN) 18427-44-6
(RR) 25448-06-0 (cpd with unspecified unsaturated acid)
(RR) 593-38-4 ((Z,Z,E,E)-isomer)
(RR) 18841-21-9 ((all-E)-isomer)
(SY) paranaric acid
(SY) octadecatetraenoic acid
(HM) *FATTY ACIDS, UNSATURATED
(II) FLUORESCENT DYES
(NO) long-chain polyenoic fatty acid; RN given refers to cpd without isomeric designation

2-parinarolyllecithin
(RN) 77518-34-4
(SY) 2-all trans-parinoyllecithin
(SY) 2-PRNL
(HM) *PHOSPHATIDYLCHOLINES
(II) FLUORESCENT DYES
(NO) fluorescent probe

Paris green
(RN) 12002-03-8
(HM) *ARSENIC
(PA) INSECTICIDES

Parker's fluid
(HM) *FORMALDEHYDE
(HM) *ALCOHOLS
(NO) hardening fluid composed of formaldehyde & alcohol

Parmetol A23
(RN) 61840-41-3
(HM) *FORMALDEHYDE
(NO) formaldehyde release biocide produced by condensation of formaldehyde & amines to give cpd which is hydrolytically unstable

paromomycin phosphotransferase
(RN) EC 2.7.1.-
(HM) *PHOSPHOTRANSFERASES, ATP

parotid gland hypocalcemic factor see hypocalcemic protein (bovine parotid gland)

parotid gland hypocalcemic protein see hypocalcemic protein (bovine parotid gland)

parotid secretory protein
(SY) PSP protein
(HM) *SALIVARY PROTEINS
(NO) MW 20 kd; from mouse parotid saliva

paroven see troxerutin

paroxetine
(RN) 61869-08-7
(RR) 63952-24-9 (former CAS registry number)
(RR) 78246-49-8 (HCl(trans)-(-)-isomer)
(RR) 72473-27-9 (acetate)
(RR) 72471-80-8 (acetate(trans)-(-)-isomer)
(RR) 64006-44-6 (maleate(trans)-(-)-isomer)
(SY) FG 7051
(SY) trans-4-(4-fluorophenyl)-3-((3,4-(methylenedioxy)phenoxy)methyl)piperidine
(HM) *PIPERIDINES
(PA) SEROTONIN ANTAGONISTS
(PA) ANTIDEPRESSIVE AGENTS
(NO) serotonin uptake inhibitor; RN given refers to parent cpd(trans)-(-)-isomer; RN for cpd without isomeric designation not in Chemline 8/84; structure

paroxonase see arylesterase

parthenin
(RN) 508-59-8
(RR) 20555-04-8 (3aS-(3aalpha,6beta,6abeta,9beta,9balpha))-isomer)
(HM) *SESQUITERPENES
(II) ALLERGENS
(NO) sesquiterpene lactone from Parthenium hysterophorus; structure; RN given refers to 3aS-(3aalpha,6beta,6abeta,9abeta,9balpha))-isomer; RN for cpd without isomeric designation not in Chemline

parthenolide
(RN) 29552-41-8
(RR) 20554-84-1 ((1aR-(1aR*,4E,7aS*,10aS*,10bR*))-isomer)
(HM) *SESQUITERPENES
(II) PLANTS, MEDICINAL
(NO) isolated from petroleum ether extract of Magnolia grandiflora L; RN given refers to cpd without isomeric designation; structure

particular estrogen-binding protein see 3,5s-androgen receptor protein

parvaquone see 993C

parylene
(RN) 25722-33-2
(RR) 9052-19-1 (parylene C)
(SY) parylenes
(HM) *POLYMERS
(HM) *XYLENES
(NO) available from Union Carbide as Parylene-N (poly para-xylene) & Parylene-C(polydichloro-p-xylylene); cpd not in Chemline 7/13/83; RN given refers to parylene

parylenes see parylene

PASP see 4-S-(propionic acid)sulfidocyclophosphamide

Paspat
(HM) *ANTIGENS, BACTERIAL
(NO) antigenic mixture from autolysate of varous bacteria; used in treatment of hay fever

pasresin A see cyacrin

patatin
(HM) *PLANT PROTEINS
(NO) glycoprotein isolated from potato tubers; MW 40,000

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patent blue violet
(RN) 129-17-9
(SY) (4-(alpha-(p-(diethylamino)phenyl)-2,4-disulfobenzylidene)-2,5-cyclohexadien-1-ylidene) diethylammonium hydroxide inner salt sodium salt
(SY) sulphan blue
(SY) acid blue 1
(SY) alphazurine 2G
(SY) Blue URS
(SY) Blue VRS
(SY) C.I. acid blue 1
(SY) disulphine blue
(SY) disulfine blue
(SY) sulfan blue
(SY) bleu patent V
(HM) *ROSANILINE DYES
(II) DYES
(II) STAINS AND STAINING
(NO) widely used to visualize lymph vessels for lymphography; structure

Pathilon see tridihexethyl

patoran see metobromuron

PA toxin see Pseudomonas aeruginosa exotoxin A

PA toxin receptor see Pseudomonas exotoxin receptor

PATP see N-(4-pyridylcarbonylamino)-1,2,3,6-tetrahydropyridine

PAT-Pt complex see pyruvic acid thiosemicarbazone-platinum complex

patrinoside
(RN) 53962-20-2
(RR) 27004-24-6 (patrinoside C)
(RR) 25510-16-1 (patrinoside D)
(RR) 24581-07-5 (patrinoside C(1))
(RR) 25503-33-7 (patrinoside D(1))
(HM) *GLUCOSIDES
(NO) obtained from Patrina scabiosaefolia; RN given refers to (1S-(1 alpha,4a alpha,6 alpha,7 alpha,7a alpha))-isomer; cpd without isomeric designation not in Chemline 7/13/83; structure in 9th CI Form Index

PaTX see parasicyonis toxin

Paul-Bunnell antibodies
(SY) P-B antibodies
(HM) *ANTIBODIES, HETEROTYPIC

Paul-Bunnell antigens
(HM) *ANTIGENS, HETEROGENETIC
(II) MEMBRANE PROTEINS
(NO) glycoside-associated membrane protein

paulomycin A
(RN) 81988-77-4
(HM) *ANTIBIOTICS
(NO) from Streptomyces paulus strain 273; MF C34-H46-N2-O17-S; no other information available 6/16/82; see also paulomycin B

paulomycin B
(RN) 81988-76-3
(HM) *ANTIBIOTICS
(NO) from Streptomyces paulus strain 273; MF C33-H44-N2-O17-S; no other information available 6/16/82; see also paulomycin A

Pauly's reagent see diazobenzenesulfonic acid

PAV
(HM) BLEOMYCINS
(HM) NITROSOUREA COMPOUNDS
(HM) VINCRISTINE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of peplomycin, ACNU & vincristine

P105 avian sarcoma virus transforming protein see phosphoprotein pp60(src)

P110 avian sarcoma virus transforming protein see phosphoprotein pp60(src)

PA 114 A see virginiamycin

pBABC see 4-(bromoacetamido)benzylcarazolol

PBAB-EDTA see 1-(4-bromoacetamidobenzyl)EDTA

PBAZ see phloretinyl-3'-benzylazide

PBA-1
(RN) 82190-89-4
(HM) ISOTHIURONIUM/*analogs
(NO) accelerator used in photolaboratory; based on isothiouronium salt; impurity in cpd may be sensitizer; no other information available 5/7/82

PBB-Asp see poly-beta-benzyl-aspartate

PbCl2 see lead chloride

PBC-3-C see propyl beta-carboline-3-carboxylate

PBGAG see 1-propyl-4-O-beta galactopyranosyl-alpha galactopyranoside

P1,P2-bis(DMRP) see P(1),P(2)-bis(O(2'),O(3')-dibutyryl-6-mercaptopurine- 9 beta-ribofuranoside)-5'-pyrophosphate

PBM see phytobacteriomycin

pBMBA see 5'-(4-bromomethylbenzoyl)adenosine

PBMF protocol
(HM) CISPLATIN
(HM) BLEOMYCINS
(HM) METHOTREXATE
(HM) CITROVORUM FACTOR
(HM) FLUOROURACIL
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above 5 cpds

PBML protocol
(HM) CISPLATIN
(HM) BLEOMYCINS
(HM) METHOTREXATE
(HM) CITROVORUM FACTOR
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

PBMPF see pyrenebutylmethylphosphonofluridate

PBMPP see pentafluorobenzyl 2-methyl-3-acetyl-4-(3-propionate) pyrrole

1-PBMU see 1-(2-phenylbutyryl)-3-methylurea

3-PBOEA see 3-phenylbicyclo(3.2.1)oct-3-en-2-amine

PBP see penicillin-binding protein

PBPAB see 4-bromophenacyl bromide

PBPBA see 4-bromophenylboric acid

PBP-1b see peptidoglycan synthetase

PBSuc-50 see flushing solution PBSuc 50

PBTA see 2-phosphonobutane-1,2,4-tricarboxylic acid

PB-27 see gastrin releasing peptide

PB 27 see gastrin releasing peptide

PCAA see pancreas cancer-associated antigen

PCAGEO see 1-phenyl-2-carbamoylethylgermanium sesquioxide

PCAGES see 1-phenyl-2-carbamoylethyl-germanium sesquisulfide

PCA-Lys-Trp-Ala-Pro see bradykinin potentiating factors

PCA-Trp-Pro-Arg-Pro-Gln-Ile-Pro-Pro see bradykinin potentiating factors

6-M-3-PCA see 6-mercapto-3-pyridinecarboxylic acid

PC-3-BAC see pentachloro-3-butenoic acid chloride

PC-3-BA see 2,2,3,4,4-pentachloro-3-butenoic acid

PCBC see S-pentachlorobuta-1,3-dien-yl-cysteine

PC binding protein see phosphatidylcholine exchange protein

PCC4 embryonic antigen
(SY) embryonic PCC4 antigen
(HM) *ANTIGENS, NEOPLASM

PCEAL see proclotting enzyme activator, Limulus

PC13 ECDGF see embryonal carcinoma-derived growth factor

PCFR see ferritin receptor

5-PCHAP see 5-(N-(1'-phenylcyclohexyl)amino)pentanoic acid

P700-chlorophyll(a)-protein complex see reaction-center protein, plant

PCHO see 1,3,4,5,6-pentachlorocyclohexene-1-oxide

PCHTP see N-(1-phenylcyclohexyl)-1,2,3,4-tetrahydropyridine

PC-II see 1-palmitoyl-2-omega-(2-diazo-3,3,3-trifluoropropionyloxy)lauroyl-sn-glycero-3-phosphocholine

PCL 700 see aquaplast, caprolactone

PCL-700 see aquaplast, caprolactone

PCMADase see 4-chloro-N-methylaniline demethylase

PCMB see 4-chloromercuribenzoic acid

PCMP see 1-(1-phenylcyclohexyl)-3-methylpiperidine

PCMX see chloroxylenol

PCM 4
(SY) PCM-4
(HM) *PLANT EXTRACTS
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(II) CHLORELLA
(NO) water-soluble substance extracted from Chlorella regulararis S-50; contains 25.7% sugar, 51.5% protein & 18.7% nucleic acid

PCM-4 see PCM 4

PCNA see cyclin

PCNB see quintozene

PCNU
(RN) 13909-02-9
(SY) 1-(2-chloroethyl)-3-(2,6-dioxo-3-piperidyl-1-nitrourea
(HM) *NITROSOUREA COMPOUNDS
(PA) ANTINEOPLASTIC AGENTS
(PA) ALKYLATING AGENTS
(NO) structure

PCPH-Cu see (pyridine-2-carboxaldehyde-2'-pyridylhydrazonato) copper(II)

PCPM see poly(bis(4-carboxyphenoxy)methane)

PCP-3-OH see 3-hydroxyphencyclidine

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PC-porphyrinogen see pentacarboxylic porphyrinogen

PCPP see polybis(carbophenoxypropane)

PCP-4-Ph-4-OH see
1-(1-phenylcyclohexyl)-4-phenyl-4-piperidinol

1-PCP-PP see
1-(1-phenylcyclohexyl)-4-phenyl-4-piperidinol

PCP receptor see phencyclidine receptor

PCRH see pro-corticotropin releasing hormone

PCR 3787
(RN) 94188-83-7
(SY) PCR-3787
(SY) 5-(2-chlorobenzyl)-5,6,7,7a-tetrahydro-4H-thieno(3,2-C)pyridine-2-one HCl
(HM) *THIOPHENES
(NO) ticlopidine metabolite; RN given from Toxline; RN not in Chemline 4/85

PCR-3787 see PCR 3787

PCR 5332 see ticlopidine

PCSO see alliin

PCT-protein see purine-cytosine transporter

PCV
(HM) PROCARBAZINE
(HM) LOMUSTINE
(HM) VINCRISTINE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above three cpds

1M-2S-PC see 1-myristoyl-2-stearoylphosphatidylcholine

1S-2M-PC see 1-stearoyl-2-myristoylphosphatidylcholine

PC 904 see apalcillin

PC-904 see apalcillin

PDAST see poly(deoxy(adenylic acid-thymidine 5'-O-phosporothioate))

PDA synthase see pyrimidodiazepine synthase

PDBu see phorbol 12,13-dibutyrate

2-PDCA hydrolase see 2-pyrone-4,6-dicarboxylic acid hydrolase

PDC-component X see pyruvate dehydrogenase complex component X

PDCL see
5-(2'-naphthyl)-7-4-chlorophenyl-(2,3,6,8-tetrahydro) pyrrolo-(3,4-e)(1,4)-diazepine-6-thioxo-8-(1H,7H)one

PdCl2 see palladium chloride

PDCoA see pyrenedodecanoyl coenzyme A

PDCP see 4-phenyl-5,5-dicarbethoxy-2-pyrrolidinone

PDCPS see
3'-O-(5'-phosphoryldeoxycytidyl)phosphorothioate

PDCPS-bimane see 3'-O-(5'-phosphoryldeoxycytidyl) S-bimane phosphorothioate

PDC-109 see seminal plasma proteins

12-PDDA see 12-(1-pyrene)dodecanoic acid

PDDC see pyrenedodecanoylcarnitine

PDDF see N(10)-propargyl-5,8-dideazafolate

PDD-2 see peritoneal dialysate depressor II

P448-dependent monooxygenase see cytochrome P448-dependent mono-oxygenase

PDETP see progestagen-dependent endometrial protein

PDGF receptor see platelet-derived growth factor receptor

PDGMDC see poly(dG-m(5)dC).poly(dG-m(5)dC)

2-PDG see 2-piperidinoethyl dibenzylglycolate

Pd-109-hematoporphyrin see palladium hematoporphyrin

PDLP see phenylalanyl-lysyl-phenylalanine

PDMase see phosphodiesterase-phosphomonoesterase

PDMEA methyltransferase see phosphatidyl-N-methylethanolamine methyltransferase

PD-NPT see
5-(2'-naphthyl)-7-phenyl-(2,3,6,8-tetrahydro)pyrrolo-(3,4-e)(1,4)-diazepine-6-thioxo-8-(1H,7H)one

PDP-CaM see 3-(2-pyridyldithio)propionylcalmodulin

5-PDPG see pyridoxal(5')diphospho(1)-glucose

PDP-SA see N-(3-(2-pyridyldithio)propionyl)stearylamine

PDPT see 3-(2-pyridyl)-5,6-diphenyl-1,2,4-triazine

Pd(QS)2 see palladium sulfonated alizarine

PDSPC see 1-palmitoyl-2-dihydrosterculoyl-sn-glycero-3-phosphocholine

2,2-PDS see 2,2'-dipyridyl disulfide

PDT see 1-phenyl-3,3-dimethyltriazene

PDTPI see 3-(phenyldithio)propionimidate

PDTSA see poly(deoxy(thymidylic acid-adenosine 5'-O-phosphorothioate))

PDX chloride see polidexide

PD-109,452-2 see CI 906

PD 109452-2 see CI 906

PD-109,763-2 see SCH 31846

PD 109,763-2 see SCH 31846

PD-110,161 see PD 110161

PD 110161
(SY) CI 920
(SY) CI-920
(SY) PD-110,161
(HM) ALKENES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) from Streptomyces pulveraceus; structure given in second source

PD 113270
(SY) PD-113,270
(HM) ALKENES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) from Streptomyces pulveraceus; structure given in second source

PD-113,270 see PD 113270

PD 113271
(SY) PD-113,271
(HM) ALKENES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) from Streptomyces pulveraceus; structure given in second source

PD-113,271 see PD 113271

PD 113,325 see PD 113325

PD 113325
(SY) PD-113325
(SY) PD 113,325
(HM) TRICHOTHECENES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) structure given in first source

PD-113325 see PD 113325

PD-113326 see satratoxin H

PD 113326 see satratoxin H

PD-113,876 see guanine 7-oxide

PD 113876 see guanine 7-oxide

PD-114,720 see elactocin

PD 114720 see elactocin

PD-114721 see kazusamycin

PD 114,721 see kazusamycin

PD 114759
(RN) 95078-68-5
(SY) PD-114,759
(HM) *ANTIBIOTICS, ANTINEOPLASTIC
(NO) from Actinomaduro sp.; no other information available 3/85

PD-114,759 see PD 114759

PD 115028
(RN) 95078-69-6
(SY) PD-115,028
(HM) *ANTIBIOTICS, ANTINEOPLASTIC
(NO) from Actinomadura sp; no other information available 3/85

PD-115,028 see PD 115028

PD 25681
(RN) 87936-24-1
(SY) PD-25681
(SY) 6-methyl-2-aminopyridine palladium dichloride
(HM) *PICOLINES
(HM) *PALLADIUM
(PA) ANTINEOPLASTIC AGENTS
(PA) BETA LACTAMASES/antag

PD-25681 see PD 25681

pea lectin
(SY) pea seed lectin
(SY) Pisum sativum lectin
(HM) *LECTINS

pea lectin-binding protein
(SY) lectin-binding protein, peas
(HM) *CARRIER PROTEINS
(HM) *LECTINS
(II) PEAS
(NO) glycoprotein composed of 4 subunits of about 50,000 Da; amino acid composition given in first source

PEA-P-lyase see O-phosphorylethanolamine phospho-lyase

peanut agglutinin
(SY) peanut lectin
(HM) *LECTINS
(II) PEANUTS

peanut agglutinin receptor
(SY) receptor, peanut agglutinin
(SY) peanut agglutinin receptors
(HM) *RECEPTORS, MITOGEN

peanut agglutinin receptors see peanut agglutinin receptor

peanut B III trypsin-chymotrypsin inhibitor see trypsin-chymotrypsin inhibitor B-III peanut

peanut lectin see peanut agglutinin

peanut-lectin-ferritin conjugate see ferritin-peanut agglutinin conjugate

peanut oil see arachis oil

pea seed lectin see pea lectin

PEBA see phenylethane boronic acid

2-PEB see phosphoenol-2-ketobutyrate

pecazin see mepazine

pectate see polygalacturonic acid

pectate lyase
(RN) EC 4.2.2.2
(RR) 9015-75-2 (CRN)
(SY) pectate transeliminase
(SY) polygalacturonic acid transeliminase
(SY) polygalacturonate lyase
(SY) pectin transeliminase
(HM) *POLYSACCHARIDE-LYASES

pectate transeliminase see pectate lyase

pectic acid see polygalacturonic acid

pectin
(RN) 9000-69-5
(SY) methoxypectin
(SY) methoxy pectin
(SY) pectinic acid
(SY) methoxylpectin
(HM) *PECTINS
(NO) used in drug therapy of dumping syndrome

pectinesterase
(RN) EC 3.1.1.11
(RR) 9025-98-3 (CRN)
(SY) pectin methylesterase
(HM) *CARBOXYLIC ESTER HYDROLASES

pectinic acid see pectin

pectin methylesterase see pectinesterase

pectin transeliminase see pectate lyase

PEDAP see 2-(4-methoxyphenyl)-4'-(2-(1-pyrrolidinyl)ethoxy) deoxybenzoin

pederin
(RN) 27973-72-4
(SY) N-((6-(2,3-dimethoxypropyl)tetrahydro-4-hydroxy-5,5-dimethyl-2H-pyran-2-yl)methoxymethyl) tetrahydro-alpha-hydroxy-2-methoxy-5,6-dimethyl-4-methylene-2H-pyran-2-acetamide
(SY) paederine
(SY) pederine
(HM) *PYRANS
(PA) TOXINS
(NO) isolated from beetles, Paedrus fuscipes; minor descriptor (75-84); on-line & Index Medicus search PYRANS (75-84); RN given refers to (2S-(2alpha(R*(R*(2S*,5S*,6S*))),4beta,6beta(R*)))-isomer; RN for cpd without isomeric designation not in Chemline 8/84

pederine see pederin

pediazole see MK 0641

Pedix PE 50 see butonate

2-PEDMA see (2-(2-pyridyl)ethyl)diethylmethylammonium

4-PEDMA see (2-(4-pyridyl)ethyl)diethylmethylammonium

10-PED see 10-propargylestr-4-ene-3,17-dione

PE-EGF conjugate see Pseudomonas exotoxin-epidermal growth factor conjugate

pefloxacin see pefloxacine

pefloxacine
(RN) 70458-92-3
(RR) 70458-95-6 (mono-mesylate)
(SY) 1-ethyl-6-fluoro-1,4-dihydro-7-(4-methyl-1-piperazinyl)-4-oxo-3-quinolinecarboxylic acid
(SY) 1589 R.B.
(SY) pefloxacin
(SY) silver pefloxacin
(HM) NORFLOXACIN/*analogs
(PA) ANTI-INFECTIVE AGENTS
(NO) RN given refers to parent cpd

PEG-asparaginase see polyethyleneglycol-asparaginase

PEG-L-glutaminase-L-asparaginase see polyethylene glycol-glutaminase-asparaginase

PEG insulin see insulin, polyethylene glycol B1-

PEG 20 oleyl ether see polyethylene glycol oleyl ether

PEG-palmitate see polyethyleneglycol palmitate

PEG-stearate see polethylene glycol monostearate

Pekilo
(HM) *DIETARY PROTEINS
(NO) fodder protein produced from carbohydrates by processes that utilize waste

pelargonic acid
(RN) 112-05-0
(RR) 29813-38-5 (Ca salt)
(RR) 23282-34-0 (K salt)
(RR) 14047-60-0 (Na salt)
(RR) 7640-78-0 (Zn salt)
(RR) 5112-16-3 (Cd salt)
(RR) 7580-33-8 (Al salt)
(SY) nonanoic acid
(SY) potassium nonanoate
(HM) *FATTY ACIDS
(NO) K salt acts as cariostatic agent; RN given refers to parent cpd; structure

pelletierine see isopelletierine

Pellit
(RN) 84750-08-3
(HM) *DIPHENHYDRAMINE
(HM) *DEET
(HM) *PHTHALIC ACIDS
(HM) DRUG COMBINATIONS
(PA) HISTAMINE H1 RECEPTOR BLOCKADERS
(NO) combination of diphenhydramine, deet & dimethylphthalate in hydrogel with antihistaminic effect

Pelluvit
(HM) *PANCREATIC EXTRACTS
(NO) powdered pancreatic enzymes

PEMOBP see 4-(beta(N-pyrrolidinyl)ethoxy)-4'-methoxybenzophenone

penamaldate see penamaldic acid

penamaldic acid
(RN) 81040-68-8
(SY) penamaldate
(HM) *DIPEPTIDES
(NO) structure given in first source

penamecillin
(RN) 983-85-7
(SY) benzylpenicillin acetoxymethyl ester
(HM) PENICILLIN G/*analogs

PENATFASE see phosphatidylethanolamine N-acyltransferase

Penberol
(RN) 24740-92-9
(RR) 42241-78-1 ((E)-isomer)
(RR) 32663-97-1 ((Z)-isomer)
(SY) beta-4-n-pentoxybenzoyl-beta-bromacrylic acid
(HM) *ACRYLATES
(PA) ANTINEOPLASTIC AGENTS
(NO) RN given refers to cpd without isomeric designation; structure

pencycuron
(RN) 66063-05-6
(SY) 1-(4-chlorobenzyl)-1-cyclopentyl-3-phenylurea
(HM) *PHENYLUREA COMPOUNDS
(PA) FUNGICIDES, INDUSTRIAL
(NO) structure given in first source

Pen-Cys-enkephalin see enkephalin, Pen(2)-Cys(5)-

D-Pen(2)-L-Cys(5)-enkephalin see enkephalin, Pen(2)-Cys(5)-

pendecamain see pendecamaine

pendecamaine
(RN) 32954-43-1
(SY) pendecamain
(SY) Tegobetain
(SY) Tego-Betaines
(HM) BETAINE/*analogs
(PA) ANTI-INFECTIVE AGENTS, LOCAL
(II) SURFACE-ACTIVE AGENTS

P1 endonuclease see endonuclease S1 (Aspergillus)

penfenate
(RN) 21757-82-4
(SY) 2,2,2-trichloro-1-(3,4-dichlorophenyl)ethyl acetate
(HM) DDT/*analogs
(PA) INSECTICIDES, ORGANOCHLORINE

penfenon see penphenone

penfluron
(RN) 35367-31-8
(SY) AI 3-63223
(HM) *BENZAMIDES
(II) JUVENILE HORMONES
(II) CHEMOSTERILANTS

penfluzide
(RN) 1766-91-2
(SY) 3-n-pentyl-6-trifluoromethyl-7-sulfamyl-3,4-dihydro-1,2,4-benzothiadiazine-1,1-dioxide
(SY) FT-124
(HM) *BENZOTHIADIAZINES
(PA) DIURETICS, THIAZIDE
(NO) structure

pengitoxin see pentaacetylgitoxin

penicillamine cysteine see penicillamine cysteine disulfide

penicillamine cysteine disulfide
(RN) 18840-45-4
(SY) penicillamine cysteine
(SY) cysteine-penicillamine disulfide
(HM) PENICILLAMINE/*analogs
(HM) CYSTEINE/*analogs
(NO) structure in Merck Index, 9th ed. #6881

2-penicillamine-5-cysteine enkephalinamide see enkephalinamide, Pen(2)-Cys(5)-

2-penicillamine-5-cysteine enkephalin see enkephalin, Pen(2)-Cys(5)-

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penicillamine disulfide
(RN) 312-10-7
(RR) 20902-45-8 ((D)-isomer)
(SY) penicillamine-penicillamine disulfie
(HM) PENICILLAMINE/*analogs
(NO) penicillamine metabolite; RN given refers to cpd without isomeric designation; structure in first source

2,5-penicillamine enkephalin see enkephalin, Pen(2)-Pen(5)-

1-penicillamine-2-leucine-oxytocin see oxytocin, 1-penicillamine-2-Leu-

1-penicillamine-2-Leu-oxytocin see oxytocin, 1-penicillamine-2-Leu-

1-penicillamine-2-O-methyltyrosine-oxytocin see oxytocin, 1-penicillamine-2-O-MeTyr-

penicillamine-penicillamine disulfie see penicillamine disulfide

1-penicillamine-4-threonine-oxytocin see oxytocin, 1-penicillamine-4-Thr-

(1-penicillamine-4-threonine)-oxytocin see oxytocin, 1-penicillamine-4-Thr-

1-penicillamine-4-Thr-oxytocin see oxytocin, 1-penicillamine-4-Thr-

penicillanic acid sulfone see sulbactam

penicillin V benzathine see benzathine penicillin V

penicillin-binding protein
(SY) penicillin binding protein
(SY) penicillin-binding proteins
(SY) penicillin-binding protein-4
(SY) penicillin binding protein 6
(SY) penicillin-binding protein 5
(SY) PBP
(HM) *CARRIER PROTEINS
(HM) *CARBOXYPEPTIDASE
TRANSPEPTIDASE
(II) PENICILLINS
(NO) see also record for penicillin binding protein 1b, (PBP-1b), 1A, 2, 3 of E. coli which catalyzes the polymerization steps of the biosynthesis of peptidoglycan in vitro; until 3/5/84 PBP 1A, 2, 3 were synonyms to penillin-binding protein

penicillin binding protein see penicillin-binding protein

penicillin binding protein 1Bs see peptidoglycan synthetase

penicillin-binding proteins see penicillin-binding protein

penicillin-binding protein 1A see peptidoglycan synthetase

penicillin-binding protein 1b see peptidoglycan synthetase

penicillin-binding protein 2 see peptidoglycan synthetase

penicillin-binding protein 3 see peptidoglycan synthetase

penicillin-binding protein-4 see penicillin-binding protein

penicillin-binding protein 5 see penicillin-binding protein

penicillin binding protein 6 see penicillin-binding protein

penicillin N
(RN) 525-94-0
(RR) 58678-43-6 ((2S-(2alpha,5alpha,6beta(R*)))-isomer)
(RR) 18991-54-3 (unspecified K salt((2S-(2alpha,5alpha,6beta(R*)))-isomer)
(RR) 52589-48-7 (mono-K salt((2S-(2alpha,5alpha,6beta(R*)))-isomer)
(RR) 18991-53-2 (unspecified K salt(2S-(2alpha,5alpha,6beta(S*)))-isomer)
(SY) cephalosporin N
(SY) adicillin
(SY) D-4-amino-4-carboxybutyl penicillanic acid
(SY) isopenicillin N
(HM) *PENICILLINS
(NO) RN given refers to (2S-(2alpha,5alpha,6beta(S*)))-isomer; RN for cpd without isomeric designation not in Chemline 8/84; structure in Merck, 9th ed, #6887

penicillin, phenoxyethyl see phenethicillin

penicillin V sulfoxide
(RN) 4888-90-8
(HM) PENICILLIN, PHENOXYMETHYL/*analogs

penicillin N synthetase system
(SY) Pen N synthetase
(HM) *MULTIENZYME COMPLEXES

penicillin X
(RN) 525-91-7
(RR) 5985-13-7 (mono-Na salt(2S-(2alpha,5alpha,6beta))-isomer)
(SY) 4-hydroxybenzylpenicillin
(HM) PENICILLIN G/*analogs
(NO) RN given refers to (2S-(2alpha,5alpha,6beta))-isomer; RN for cpd without isomeric designation not in Chemline 8/84

Penicillium citrium nuclease P1 see endonuclease S1 (Aspergillus)

Penicillium janthinellum carboxyl proteinase
(RN) EC 3.4.23.-
(SY) penicillopepsin
(SY) peptidase A
(SY) PepA
(SY) proteinase A
(SY) protease A
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) included in the group of microbial carboxyl proteinases (EC 3.4.23.6); formerly EC 3.4.23.7; peptidase A has also been used to refer to a dipeptidase; inactivates uridine nucleosidase in yeast

penicilloic acid
(RN) 11039-68-2
(RR) 56093-57-3 (di-Na salt)
(HM) *PENICILLANIC ACIDS
(NO) metabolites of penicillins obtained by alkaline cleavage; RN given refers to cpd with unknown MF; structure

penicillopepsin see Penicillium janthinellum carboxyl proteinase

penicilloyl-bovine gamma globulin see bovine gamma globulin-penicilloyl

penicilloyl polylysine
(RN) 53608-77-8
(HM) POLYLYSINE/*analogs
(HM) *PENICILLANIC ACIDS

penilloic acid
(RN) 501-34-8
(SY) benzylpenilloic acid
(HM) PENICILLIN G/*analogs
(NO) formed from decarboxylation of penicilloic acid; structure

penimocycline
(RN) 16259-34-0
(SY) Intraxium
(HM) *TETRACYCLINES
(HM) AMPICILLIN/*analogs
(NO) obtained by Mannich reaction between tetracycline & ampicillin; structure

penitrem A see tremortin

penitrem B see tremortin

penitrem E see tremortin

penitrems see tremortin

penitricin
(SY) Ro 09-0804
(SY) Ro-09-0804
(SY) penitricin A
(HM) CYCLOPROPANES
(PA) ANTIBIOTICS
(NO) from Penicillium aculeatum; structure given in second source

penitricin A see penitricin

penitricin B
(SY) 4-hydroxycrotonaldehyde
(HM) *ALDEHYDES
(NO) metabolite of penitricin; structre given in first source

penitricin C
(RN) 110-64-5
(RR) 29733-86-6 (cpd with unspecified ene locant)
(RR) 6117-80-2 ((Z)-isomer)
(RR) 821-11-4 ((E)-isomer)
(RR) 12542-32-4 (cpd with unspecified locants)
(SY) 2-butene-1,4-diol
(HM) *BUTANEDIOLS
(NO) metabolite of penitricin; structure given in first source

pennyroyal oil
(RN) 8007-44-1
(HM) *OILS, VOLATILE
(HM) *CYCLOHEXANONES
(PA) ABORTIFACIENT AGENTS, NON-STEROIDAL
(NO) volatile oil from leaves of Mentha pulegium & Hedeoma pulegioifed herbs; contains 85% pulegone (a cyclohexanone); RN given refers to cpd with unknown MF; RN in Chemline for terpenes & terpenoids, pennyroyal-oil: 68917-60-2

Pen(2),Pen(5)-enkephalin see enkephalin, Pen(2)-Pen(5)-

penphenone
(RN) 148-19-6
(RR) 21210-35-5 (Na salt)
(SY) 2-phenyl-3-methyl-3-hydroxypentanoic acid
(SY) 3-methyl-2-phenyl-3-hydroxypentanoic acid
(SY) penfenon
(HM) *PENTANOIC ACIDS
(PA) ANTILIPEMIC AGENTS
(PA) ANTI-ARRHYTHMIA AGENTS
(NO) RN given refers to parent cpd

PENS-CL see 2-(N-piperidine)ethylamine-1-naphthyl-5-sulfonylchloride

Pen N synthetase see penicillin N synthetase system

pentaacetyldigitoxin
(HM) ACETYLDIGITOXINS/*analogs

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pentaacetylgitoxin
(RN) 7242-04-8
(RR) 51943-32-9 ((3beta,5beta,16alpha)-isomer)
(RR) 26707-62-0 ((3beta,5beta,12beta)-isomer)
(SY) pengitoxin
(SY) pentagit
(HM) *ACETYLDIGOXINS
(II) ISOMERISM
(NO) structure; RN given refers to (3beta,5beta,16beta)-isomer; RN for cpd without isomeric designation not in Chemline 8/84

pentaammineaquaruthenium
(RN) 21393-88-4
(SY) ruthenium aquapentaammine ion
(HM) *RUTHENIUM

pentaamminechlororuthenium
(RN) 18532-87-1
(RR) 78713-16-3 (103Ru-labeled cpd dichloride)
(SY) ruthenium chloropentaammine dichloride
(SY) (Ru(NH3)5Cl)Cl2
(HM) *RUTHENIUM
(NO) RN given refers to dichloride; RN for parent cpd not in Chemline 11/4/83

pentaammine histidinato-N(3)ruthenium(3+) see pentaammineruthenium(III)histidine complex

pentaammineruthenium azurin(histidine-83) complex
(SY) PARHAC
(SY) (NH3)5-Ru(+3)-His(83)-Az
(SY) pentaammineruthenium(III) azurin complex
(HM) *RUTHENIUM
(HM) *AZURIN
(NO) (NH3)5Ru(+3) is bound to His-83 residue in Pseudomonas aeruginosa azurin

pentaammineruthenium(III) azurin complex see pentaammineruthenium azurin(histidine-83) complex

pentaammineruthenium(III)histidine complex
(RN) 77760-96-4
(RR) 50726-52-8 (HCl.dichloride (DL-histidinato-N(3))-isomer)
(SY) pentaammine histidinato-N(3)ruthenium(3+)
(SY) PRu-Hi
(HM) *RUTHENIUM
(HM) *HISTIDINE
(NO) paramagnetic complex between pentaammineruthenium (III) & N-3 nitrogen of a single histidine residue; RN given refers to hydride, (L-histidinato-N(3))-isomer; RN for parent cpd not in Chemline 7/14/83

1,4,5,6,8-pentaazaacenaphthylene-3-amino-1,5-dihydro-5-methyl-1-beta-D-ribofuranosyl 5'-phosphate ester see triciribine phosphate

pentaborane
(RN) 19624-22-7
(HM) *BORANES

2,4,5,3',4'-pentabromobiphenyl
(RN) 67888-97-5
(HM) *POLYBROMOBIPHENYL COMPOUNDS

pentacaine
(RN) 76875-69-9
(RR) 38198-35-5 (HCl)
(SY) K 1902
(SY) 2-(1-pyrrolidinyl)cyclohexyl 3-pentyloxycarbanilic acid ester
(HM) *CARBAMATES
(PA) ANESTHETICS, LOCAL
(NO) RN given refers to parent cpd; structure

pentacarboxylic porphyrin
(RN) 28100-78-9
(RR) 65292-65-1 (cpd with unspecified locants for the carboxymethyl & trimethyl moieties)
(RR) 77656-22-5 (mono-HCl(trans)-(+)-isomer)
(RR) 77656-21-4 (mono-HCl(trans)-(+-)-isomer)
(RR) 38198-36-6 (mono-HCl(cis)-isomer)
(SY) pentacarboxyporphyrin
(HM) *PORPHYRINS
(NO) RN given refers to 3-carboxymethyl 8,13,17-trimethyl cpd

pentacarboxylic porphyrinogen
(SY) PC-porphyrinogen
(HM) *PORPHYRINOGENS

pentacarboxyporphyrin see pentacarboxylic porphyrin

pentachloroanisole
(RN) 1825-21-4
(HM) *ANISOLES

pentachlorobenzene
(RN) 608-93-5
(HM) *CHLOROBENZENES
(PA) FUNGICIDES, INDUSTRIAL
(PA) INSECTICIDES, ORGANOCHLORINE
(NO) structure

2',3',4',5,5'-pentachloro-2-biphenylol
(RN) 67651-36-9
(SY) 2-hydroxy-2',3',4',5,5'-pentachlorobiphenyl
(HM) *POLYCHLOROBIPHENYL COMPOUNDS

3,4,5,3',4'-pentachlorobiphenyl
(RN) 57465-28-8
(RR) 25429-29-2 (cpd with unspecified chlorine locants)
(HM) *POLYCHLOROBIPHENYL COMPOUNDS
(NO) RN given refers to parent cpd

S-pentachlorobuta-1,3-dien-yl-cysteine
(RN) 87619-82-7
(SY) PCBC
(HM) CYSTEINE/*analogs
(HM) *BUTADIENES
(NO) nephrotoxic; structure given in first source

pentachloro-3-butenoic acid chloride
(SY) PC-3-BAC
(HM) *HYDROCARBONS, CHLORINATED
(PA) MUTAGENS
(NO) structure given in first source

2,2,3,4,4-pentachloro-3-butenoic acid
(RN) 85743-61-9
(SY) PC-3-BA
(HM) *HYDROCARBONS, CHLORINATED
(PA) MUTAGENS
(NO) structure in first source

pentachlorocyclohexene
(RN) 28903-24-4
(HM) BENZENE HEXACHLORIDE/*analogs
(NO) lindane metabolite of E coli; structure

1,3,4,5,6-pentachlorocyclohexene-1-oxide
(SY) PCHO
(HM) BENZENE HEXACHLORIDE/*analogs

2,3,4,7,8-pentachlorodibenzofuran
(RN) 57117-31-4
(RR) 30402-15-4 (cpd with unspecified chlorine locants)
(HM) *BENZOFURANS
(NO) structure given in first source

pentachloroethane
(RN) 76-01-7
(HM) *HYDROCARBONS, CHLORINATED
(HM) ETHANE/*analogs

pentachloromethylthiobenzene
(RN) 1825-19-0
(SY) methylthiopentachlorobenzene
(SY) pentachlorothioanisole
(HM) *CHLOROBENZENES

pentachloronitrobenzene see quintozene

pentachlorophenol glucuronide
(RN) 25631-33-8
(HM) *PENTACHLOROPHENOL/analogs
(NO) metabolite of pentachlorophenol; RN given refers to (beta-D)-isomer; RN for cpd without isomeric designation not in Chemline 7/85

pentachlorophenylmercapturic acid
(RN) 68503-98-6
(RR) 68671-92-1 ((DL)-isomer)
(SY) N-acetyl-S-(pentachlorophenyl)cysteine
(HM) ACETYLCYSTEINE/*analogs
(NO) RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 8/84

pentachlorophenyl palmitate
(SY) palmitic acid pentachlorophenyl ester
(HM) *PALMITATES
(HM) *PENTACHLOROPHENOL/analogs
(NO) structure given in first source

pentachlorothioanisole see pentachloromethylthiobenzene

pentacide see resin-triiodide

3-pentadecacatechol
(RN) 492-89-7
(SY) hydrourushiol
(SY) 3-pentadecylpyrocatechol
(SY) 3-n-pentadecylcatechol
(HM) *CATECHOLS
(PA) ADENOSINE TRIPHOSPHATASE/antag
(NO) structure

pentadecan-2-one
(RN) 2345-28-0
(HM) *KETONES

3-n-pentadecylcatechol see 3-pentadecacatechol

3-pentadecylpyrocatechol see 3-pentadecacatechol

3,4-pentadienoyl-CoA see 3,4-pentadienoyl-coenzyme A

3,4-pentadienoyl-coenzyme A
(SY) 3,4-pentadienoyl-CoA
(SY) coenzyme A, 3,4-pentadienoyl-
(HM) *ACYL COENZYME A
(PA) FATTY ACID DESATURASES/antag
(NO) acyl-CoA dehydrogenase 'suicide' inhibitor

pentaerythritol
(RN) 115-77-5
(RR) 56521-03-0 (Na salt)
(RR) 52185-75-8 (Ca salt.Zn salt)
(HM) *PROPANEDIOLS
(NO) RN given refers to parent cpd; structure in Merck Index, 9th ed, #6904

penta-erythritol triacrylate see pentaerythrityl triacrylate

pentaerythritol triacrylate see pentaerythrityl triacrylate

pentaerythritol trinitrate
(RN) 1607-17-6
(SY) petrin
(SY) pentaerythrityl trinitrate
(SY) 2,2-bis-(hydroxymethyl)propane-1,3-diol trinitrate
(SY) pentrinitrol
(HM) *PROPANEDIOLS
(PA) VASODILATOR AGENTS
(NO) coronary vasodilator agent; minor descriptor (75-85); on-line & Index Medicus search PROPANEDIOLS (75-85)

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pentaerythrityl tetrachloride
(RN) 3228-99-7
(HM) *HYDROCARBONS, CHLORINATED
(NO) RN from CA Index Guide 1984, p.1032G; RN not in Chemline 8/84; structure given in first source

pentaerythrityl triacrylate
(RN) 3524-68-3
(SY) tetramethylolmethane triacrylate
(SY) PETA
(SY) penta-erythritol triacrylate
(SY) pentaerythritol triacrylate
(HM) *ACRYLATES
(NO) acrylate derivative found in ultraviolet curing inks; causes contact dermatitis

pentaerythrityl trinitrate see pentaerythritol trinitrate

2,2,4,4,6-pentaethyleneimino-6-morpholinocyclotriphosphazatriene see fotrin

pentafluorobenzenesulfonyl chloride
(RN) 832-53-1
(SY) PFBSC
(HM) *SULFONES
(II) INDICATORS AND REAGENTS
(NO) RN given from first source; RN not in Chemline 1/85

pentafluorobenzoyl chloride
(RN) 2251-50-5
(RR) 67924-15-6 (unspecified acetate)
(HM) *BENZOATES
(NO) RN given refers to parent cpd

N-pentafluorobenzoyl-di-n-butylamide taurine
(SY) PFDB-taurine
(HM) TAURINE/*analogs
(II) INDICATORS AND REAGENTS
(NO) used in the electron-capture gas chromatographic analysis of taurine; structure given in first source

pentafluorobenzyl bromide
(RN) 1765-40-8
(SY) PFBBr
(HM) *FLUOROBENZENES

O-(2,3,4,5,6-pentafluorobenzyl)hydroxylamine.HCl see Florox Reagent

pentafluorobenzyl 2-methyl-3-acetyl-4-(3-propionate)pyrrole
(SY) 2-methyl-3-acetyl-4-(3-propionic acid pentafluorobenzyl ester)pyrrole
(SY) PBMPP
(HM) *PYRROLES
(NO) used for determination of aminolevulinic acid in body fluids; structure given in first source

pentafluorobenzyloxylamine see Florox Reagent

pentafluorobenzyloxylammonium see Florox Reagent

1,1,1,2,2-pentafluorohexane
(RN) 94099-50-0
(HM) *HYDROCARBONS, FLUORINATED
(NO) structure given in first source

pentafluorostannite sodium
(RN) 22578-17-2
(HM) *TIN FLUORIDES
(II) CARIOSTATIC AGENTS

pentaformylgitoxin
(RN) 10176-39-3
(SY) formiloxin
(SY) AC 2770
(SY) gitoformate
(SY) 3 beta,14 beta- dihydroxy-16 beta-formyloxy-5 beta-card-20(22)- enolide 3- tetraformyltridigitoxoside
(HM) DIGOXIN/*analogs
(II) ISOMERISM
(NO) structure

pentagit see pentaacetylgitoxin

1,2,3,10,11a-pentahydro-2,8-dihydroxy-7,11-dimethoxy-5H-pyrrolo(2,1-c)(1,4)-benzodiazepin-5-one see chicamycin A

1-epi-3',4',5',5,7-pentahydroxyflavan-3-ol see vitamin C2 (flavan derivative)

2,3,4,5,7-pentahydroxyflavone see morin

pentakis(aziridino)thiatriazadiphosphorine oxide see pentazirinocyclodiphosphathiazene

pentalenolactone see arenaemycin E

pentalenolactone F
(RN) 85416-36-0
(HM) SESQUITERPENES
(PA) ANTIBIOTICS
(NO) from Streptomyces; structure given in first source

pentalenolactone G
(RN) 67055-57-6
(HM) SESQUITERPENES
(PA) ANTIBIOTICS
(NO) from Streptomyces ; structure given in first source

pentalenolactone O
(RN) 93361-64-9
(HM) SESQUITERPENES
(PA) ANTIBIOTICS
(NO) from Streptomyces omiyaensis; structure given in first source; RN given refers to (1R-(1,alpha,4a.alpha,6a.beta,7alpha,9aS*))-isomer; RN for cpd without isomeric designation not in Chemline 1/85

pentalenolactone P
(RN) 93361-68-3
(HM) SESQUITERPENES
(PA) ANTIBIOTICS
(NO) from Streptomyces omiyaensis; structure given in first source

pentamethylbenzene
(RN) 700-12-9
(SY) pentamethylenebenzene
(HM) *BENZENE DERIVATIVES
(NO) induces hepatic microsomal cytochrome P-450 & associated monooxygenases

2,2,5,7,8-pentamethyl-6-chromanol see 2,2,5,7,8-pentamethyl-1-hydroxychroman

1,1,3,3,5-pentamethyl-4,6-dinitroindan see moskene

3,7,11,15,19-pentamethyleicosa-2,6,10,14,18-pentaenol see geranylfarnesol

pentamethylenebenzene see pentamethylbenzene

2,2,5,7,8-pentamethyl-1-hydroxychroman
(RN) 950-99-2
(SY) PMHCR
(SY) 6-hydroxy-2,2,5,7,8-pentamethylchroman
(SY) 2,2,5,7,8-pentamethyl-6-chromanol
(HM) *CHROMANS

pentamethylmelamine
(RN) 16268-62-5
(RR) 35832-09-8 (mono-HCl)
(RR) 16268-63-6 (unspecified HCl)
(HM) *HEXAMETHYLMELAMINE/analogs
(PA) ANTINEOPLASTIC AGENTS
(NO) RN given refers to parent cpd

pentamethylmonomethylolmelamine
(RN) 16269-01-5
(RR) 41657-52-7 (mono-HCl)
(SY) N-methylolpentamethylmelamine
(SY) N-hydroxymethylpentamethylmelamine
(SY) N-HMPMM
(HM) *HEXAMETHYLMELAMINE/analogs
(NO) RN given refers to parent cpd

penta-N-methylpyrrolecarboxamide-EDTA-Fe (II)
(RN) 88411-60-3
(SY) P5E-Fe
(HM) EDTA/*analogs
(HM) *PYRROLES
(NO) sequence-specific DNA-cleaving molecule

pentamin see pentamine

pentamine
(RN) 60-30-0
(RR) 306-53-6 (dibromide)
(RR) 3220-77-7 (dichloride)
(SY) pentamin
(SY) azamethonium bromide
(HM) *AMMONIUM COMPOUNDS
(PA) GANGLIONIC BLOCKADERS
(NO) RN given refers to parent cpd; structure in Merck

pentamycin see fungichromin

pentanal
(RN) 110-62-3
(SY) valeraldehyde
(SY) valeric acid aldehyde
(HM) *ALDEHYDES

pentane
(RN) 109-66-0
(SY) n-pentane
(HM) *PENTANES

n-pentane see pentane

2,3-pentanedione
(RN) 600-14-6
(HM) *PENTANONES

n-pentanoic acid
(RN) 109-52-4
(RR) 70268-41-6 (Mn(+2) salt)
(RR) 60345-75-7 (11C-labeled cpd)
(RR) 50961-12-1 (11C-labeled cpd Na salt)
(RR) 42739-38-8 (NH4 salt)
(RR) 19455-21-1 (K salt)
(RR) 6106-41-8 (Na salt)
(RR) 556-38-7 (Zn salt)
(SY) valeric acid
(HM) *PENTANOIC ACIDS
(NO) RN given refers to unlabeled parent cpd

n-pentanol
(RN) 71-41-0
(RR) 10092-89-4 (Al salt)
(RR) 37411-25-9 (Ba salt)
(RR) 37411-23-7 (Ca salt)
(RR) 37411-22-6 (Mg salt)
(RR) 18983-02-3 (K salt)
(RR) 1941-84-0 (Na salt)
(RR) 10585-24-7 (Ti(4+) salt)
(RR) 58454-11-8 (1-(13)C-labeled cpd)
(HM) *ALCOHOLS, AMYL
(NO) RN given refers to parent cpd

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pentanoylcholine
(RN) 16597-24-3
(RR) 2963-75-9 (iodide)
(SY) pentanoylcholine iodide
(HM) CHOLINE/*analogs
(PA) CHOLINERGIC AGENTS
(NO) RN given refers to parent cpd

pentanoylcholine iodide see pentanoylcholine

pentazirinocyclodiphosphathiazene
(RN) 77680-87-6
(SY) pentazirino-cyclo-diphosphathiazene
(SY) SOAZ
(SY) 1,3,3,5,5-pentazridino-1-thia-2,4,6-triaza-3,5-diphosphorine-1-oxide
(SY) pentakis(aziridino)thiatriazadiphosphorine oxide
(HM) *AZIRINES
(PA) ANTINEOPLASTIC AGENTS
(NO) structure given in first source

pentazirino-cyclo-diphosphathiazene see pentazirinocyclodiphosphathiazene

1,3,3,5,5-pentazridino-1-thia-2,4,6-triaza-3,5-diphosphorine-1-oxide see pentazirinocyclodiphosphathiazene

pent-4-enoate see 4-pentenoic acid

4-pentenoate see 4-pentenoic acid

pent-2-enoic acid
(RN) 626-98-2
(RR) 13991-37-2 ((E)-isomer)
(HM) *FATTY ACIDS, UNSATURATED
(NO) RN given refers to cpd without isomeric designation; structure

4-pentenoic acid
(RN) 591-80-0
(RR) 25350-31-6 (Na salt)
(RR) 21748-45-8 (K salt)
(SY) 4-pentenoate
(SY) pent-4-enoate
(HM) *FATTY ACIDS, UNSATURATED
(NO) inhibitor of fatty acid oxidation; RN given refers to parent cpd

1-penten-3-ol
(RN) 616-25-1
(HM) *ALCOHOLS, AMYL

pentenomycin I
(RN) 49644-25-9
(SY) 4,5-dihydroxy-5-hydroxymethyl-(4:S,5:S) cyclopent- 2-en-1-one
(HM) CYCLOPENTANES
(PA) ANTIBIOTICS
(NO) structure

pentifylline
(RN) 1028-33-7
(RR) 12041-92-8 (cpd with unspecified locant for hexyl moiety)
(SY) hexyltheobromine
(SY) SK-7
(SY) pentiphylline
(HM) THEOBROMINE/*analogs
(NO) RN given refers to 1-hexyl cpd; structure

pentiphylline see pentifylline

penton base
(SY) adenovirus penton base protein
(HM) *CAPSID
(NO) human adenovirus capsid component

pentostatin see 2'-deoxycoformycin

7-pentoxyphenoxazone see pentoxyresorufin

pentoxyresorufin
(RN) 87687-03-4
(SY) 7-pentoxyphenoxazone
(HM) *OXAZINES

pentoxyresorufin O-dealkylase
(RN) EC 1.-
(SY) PTR O-dealkylase
(HM) *OXIDOREDUCTASES
(II) CYTOCHROME P-450
(NO) used as an assay of cytochrome P-450 activity

pentraxin see amyloid P component

pentrinitrol see pentaerythritol trinitrate

DL-erythro-pentulose see ribulose

pentyl acetate see amyl acetate

n-pentylamine see n-amylamine

2-n-pentylaminoacetamide see milacemide

2-pentylcinnamaldehyde
(RN) 122-40-7
(SY) alpha-amylcinnamic aldehyde
(HM) *ALDEHYDES
(II) PERFUME
(NO) jasmine-like odor, widely used synthetic fragrance & suspected allergen; structure given in first source

2-pentylcinnamic alcohol
(RN) 101-85-9
(SY) alpha-amylcinnamic alcohol
(HM) *ALCOHOLS
(II) PERFUME
(NO) synthetic fragrance & allergen; structure given in first source

5-pentyl-1,3-dihydroxybenzene see olivetol

3-pentyl-2-(dimethylcyclopropylcarboxoxamido) propenoate see MK 789

pentyl nitrate see amyl nitrate

pentyl-TEA see pentyltriethylammonium

pentyltriethylammonium
(RN) 21735-68-2
(RR) 21735-95-5 (iodide)
(RR) 13028-70-1 (bromide)
(SY) PTEA
(SY) pentyl-TEA
(HM) *AMMONIUM COMPOUNDS

3-n-pentyl-6-trifluoromethyl-7-sulfamyl-3,4- dihydro-1,2,4-benzothiadiazine-1,1-dioxide see penfluzide

3-pentynoylpantetheine
(RN) 50304-43-3
(HM) *PANTETHEINE/analogs

1-penylalanine-N-epsilon-acetimidoglucagon see N-epsilon-acetimidoglucagon-Phe(1)

peoniflorin
(RN) 23180-57-6
(SY) paeoniflorin
(HM) *GLUCOSIDES
(PA) ANTI-INFLAMMATORY AGENTS
(II) PLANTS, MEDICINAL
(NO) structure in second source

peonon
(RN) 84808-29-7
(SY) paeonon
(HM) *GLUCOSIDES
(HM) *TERPENES
(PA) ANTI-INFLAMMATORY AGENTS
(II) PLANTS, MEDICINAL
(NO) structure given in first source

PepA see Penicillium janthinellum carboxyl proteinase

1A-2-PEPA see 1-amino-2-phenylethylphosphonic acid

PEPCK ferroactivator see phosphoenolpyruvate carboxykinase ferroactivator

PEP-DAP see phosphoenolpyruvate-dihydroxyacetone phosphotransferase

PEP-dihydroxyacetone phosphotransferase see phosphoenolpyruvate-dihydroxyacetone phosphotransferase

PEPH see propylparaben

pepleomycin
(RN) 68247-85-8
(RR) 69856-23-1 (unspecified HCl)
(RR) 73228-94-1 (unspecified sulfate)
(RR) 70384-29-1 (sulfate[1:1)
(SY) NK 631
(SY) 3-((S)-1'-phenylethylamino)propylaminobleomycin
(SY) peplomycin
(SY) peplomycin sulfate
(HM) *BLEOMYCINS
(NO) structure; RN given refers to (S)-isomer; RN for cpd without isomeric designation not in Chemline

peplomycin see pepleomycin

peplomycin sulfate see pepleomycin

PEP-mannitol phosphotransferase see phosphoenolpyruvate-mannitol phosphotransferase

peppermint oil
(RN) 8006-90-4
(HM) *PLANT EXTRACTS
(HM) *OILS, VOLATILE

PEPS see peptidase S

pepsin C see gastricsin

pepsin II see gastricsin

pepsinogen, urinary see uropepsinogen

pepsinogen (1-12)
(HM) *PEPSINOGEN
(HM) *PEPTIDE FRAGMENTS

Pep 5 staphylococcin see staphylococcin

pepstatin
(RN) 39324-30-6
(SY) pepstatin A
(HM) *PEPSTATINS

pepstatin A see pepstatin

pepstatin arginine methyl ester see pepstatyl-arginine methyl ester

pepstatin ketone analog
(SY) isovaleryl-valyl-3-oxo-4-amino-6-methylheptanoyl-alanyl-isoamylamide
(HM) *PEPSTATINS
(NO) aspartyl protease inhibitor; structure given in first source

pepstatinyl arginine methyl ester see pepstatyl-arginine methyl ester

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pepstatyl-arginine methyl ester
(RN) 70706-82-0
(RR) 70444-29-0 (duplicate RN)
(SY) pepstatyl-Arg-OMe
(SY) isovaleryl-L-valyl-L-valylstatyl-L-alanylstatyl-L-arginine methyl ester
(SY) pepstatin arginine methyl ester
(SY) pepstatinyl arginine methyl ester
(HM) *PEPSTATINS
(PA) RENIN/antag
(NO) formed from coupling of C-terminus of natural pentapeptide with arginine methyl ester; statine is (3S,4S)-4-amino-3-hydroxy-6-methylheptanoic acid; RN given refers to parent cpd

pepstatyl-Arg-OMe see pepstatyl-arginine methyl ester

pepstatyl-glycyl-lysyl-lysine
(RN) 83487-84-7
(SY) pepstatyl-Gly-Lys-Lys
(SY) isovaleryl-valyl-valylstatyl-alanylstatyl-glycyl-lysyl-lysine
(HM) *PEPSTATINS

pepstatyl-Gly-Lys-Lys see pepstatyl-glycyl-lysyl-lysine

PEPT see
1,10-phenanthroline-platinum(II)-ethylenediamine

peptidase A see Penicillium janthinellum carboxyl proteinase

peptidase E, aspartate-specific see aspartyl peptidase E

peptidase B see peptidyl dipeptidase B

peptidase C
(RN) EC 3.4.-
(SY) peptidase LA2
(HM) *PEPTIDE HYDROLASES
(NO) from Rana Pipiens; is sex-linked to superoxide dismutase gene

peptidase D see proline dipeptidase

peptidase LA2 see peptidase C

peptidase N
(RN) EC 3.4.11.-
(HM) *AMINOPEPTIDASES
(NO) E coli cytosolic enzyme; hydrolyzes alanine-containing peptides

peptidase S
(RN) EC 3.4.11.-
(SY) PEPS
(HM) *AMINOPEPTIDASES

peptidase T
(RN) EC 3.4.11.-
(HM) *AMINOPEPTIDASES
(NO) tripeptidase

peptidase 7
(RN) EC 3.4.-
(HM) *PEPTIDE HYDROLASES
(NO) mouse gene pep-7 controlling this enzyme is associated with lymphoproliferative disease-inducer gene Arp

peptide-N4-(acetyl-beta-glucosaminyl)asparagine amidase see glycopeptidase

peptide acetyltransferase
(RN) EC 2.3.1.-
(SY) ACTH acetyltransferase
(SY) beta-endorphin acetyltransferase
(SY) alpha-MSH acetyltransferase
(HM) *ACETYLTRANSFERASES

peptide E (adrenal medulla)
(RN) 78355-50-7
(SY) peptide E proenkephalin
(HM) *PEPTIDES
(II) PROTEIN PRECURSORS
(NO) kappa opiate receptor agonist

peptide N-alpha acetyltransferase
(RN) EC 2.3.1.-
(HM) *ACETYLTRANSFERASES
(NO) pituitary enzyme; acetylates peptide hormones including ACTH

peptide amide synthetase see amide synthetase

peptide Bbeta (30-43) see fibrinogen Bbeta (30-43)

peptide B-3142 see gliadin peptide B 3142

peptide B 3142 see gliadin peptide B 3142

peptide chain elongation factor-1 see elongation factor 1

peptide chain termination release factor 1
(SY) ribosomal release factor 1
(SY) E coli ribosomal relase factor 1
(SY) termination factor RF-1
(HM) *PEPTIDE TERMINATION FACTORS
(NO) from E coli; purified & characterized in 1971

peptide chain termination release factor 2
(SY) ribosomal release factor 2
(SY) E coli ribosomal release factor 2
(HM) *PEPTIDE TERMINATION FACTORS
(NO) from E coli; purified & characterized in 1971

peptide elongation factor EF-3 see peptide elongation factor 3

peptide elongation factor G see elongation factor G

peptide elongation factor Ts see eIF-2 stimulating protein

peptide elongation factor 2 see elongation factor 2

peptide elongation factor 3
(SY) peptide elongation factor EF-3
(SY) EF3
(SY) EF-3
(HM) *PEPTIDE ELONGATION FACTORS
(NO) required by yeast ribosomes for phenylalanine synthesis

peptide 6A, fibrinogen see fibrinogen peptide 6A

peptide N-glycosidase see glycopeptide N-glycosidase

peptide N-glycosidase F see glycopeptide N-glycosidase

peptide head activator see head activator peptide

peptide HI see PHI peptide

peptide histidine isoleucine see PHI peptide

peptide histidine methionine see PHM neuropeptide

peptide initiation factor 2 see eIF-2

peptide initiation factor 3
(SY) IF 3
(SY) IF-3
(SY) initiation factor IF-3
(SY) protein synthesis initiation factor eIF-3
(SY) ribosome dissociation factor
(SY) EIF-3
(HM) *PEPTIDE INITIATION FACTORS
(II) BACTERIAL PROTEINS
(II) RIBOSOMAL PROTEINS
(NO) affects association equilibrium between 30S & 50S ribosomal subunits; from E coli

peptide initiation factor 5 see eIF-5

peptide NP-1 see microbicidal cationic proteins

peptide NP-2 see microbicidal cationic proteins

peptide NP-3a see microbicidal cationic proteins

peptide NP-3b see microbicidal cationic proteins

peptide NP-4 see microbicidal cationic proteins

peptide NP-5 see microbicidal cationic proteins

peptide P-C see proline-rich polypeptide

peptide permease
(SY) peptide transport system
(HM) *PERMEASES
(II) BIOLOGICAL TRANSPORT, ACTIVE
(NO) in Candida albicans

peptide E proenkephalin see peptide E (adrenal medulla)

peptide P-E (saliva) see proline-rich polypeptide

peptide transport system see peptide permease

peptide YY
(SY) polypeptide YY
(SY) PYY peptide
(HM) *PEPTIDES
(II) GASTROINTESTINAL HORMONES
(NO) porcine intestinal peptide with 36 amino acid residues; has both C-terminal & N-terminal tyrosine; inhibits both secretin- & cholecystokinin-stimulated pancreatic secretion

peptide 401 see mast cell degranulating peptide

peptide 84 see interleukin-2 (59-72)

peptido-aminobenzophenone see
2-(2-chlorobenzoyl)-4-chloro-N-methyl-N'-glycylglycinanilide

peptidoglycan-associated lipoprotein
(SY) PGALP
(HM) *LIPOPROTEINS
(HM) *PEPTIDOGLYCAN
(NO) from cell envelope of Proteus mirabilis; MW 18,000; palmitic acid & glycerol are incorporated into the protein; associated with lipopolypeptide

peptidoglycan monomer
(RN) 73715-37-4
(SY)
N-acetylglucosaminyl-N-acetylmuramyl-L-alanyl-D-isogutaminyl-meso-diaminopimelic acid-D-alanyl-D-alanine
(SY)
N-acetylglucosaminyl-N-AcMu-Ala-iso-Gln-meso-diaminopimelic acid-Ala-Ala
(HM) ACETYLMURAMYL-ALANYL-ISOGLUTAMINE/*analogs
(II) ADJUVANTS, IMMUNOLOGIC

peptidoglycan peptidyltransferase see peptidoglycan transpeptidase

peptidoglycan synthetase
(SY) PBP-1b
(SY) penicillin binding protein 1Bs
(SY) penicillin-binding protein 1A
(SY) penicillin-binding protein 1b
(SY) penicillin-binding protein 2
(SY) penicillin-binding protein 3
(HM) *MULTIENZYME COMPLEXES
(HM) *HEXOSYLTRANSFERASES
(HM) *PEPTIDYL TRANSFERASES
(NO) contains peptidoglycan transglycosylase & peptidoglycan transpeptidase; see also record for penicillin-binding protein; until 3/5/84 PBP 1A, 2, 3 were synonyms to penicillin-binding protein

peptidoglycan transglycosylase
(RN) EC 2.4.1.-
(SY) glycan polymerase
(HM) *HEXOSYLTRANSFERASES

peptidoglycan transpeptidase
(RN) EC 2.3.2.-
(SY) peptidoglycan peptidyltransferase
(HM) *PEPTIDYL TRANSFERASES

peptidoglycolipids
(HM) *GLYCOLIPIDS
(HM) *GLYCOPEPTIDES

peptidyl-D-amino acid hydrolase
(RN) EC 3.4.-
(HM) *CARBOXYPEPTIDASES
(NO) hydrolyzes D-amino acid peptides from the brain of cephalopods

peptidylarginine deiminase see arginine deiminase

peptidyl-arginyl-chloromethanes
(HM) *AMINO ACID CHLOROMETHYL KETONES

peptidyl diazomethyl ketones
(HM) DIAZOMETHANE/*analogs
(HM) *KETONES

peptidyl dipeptidase B
(RN) EC 3.4.15.-
(SY) peptidase B
(SY) enkephalinase B
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) cleaves Gly2-Gly3 bond of enkephalin; not inhibited by phosphate,secobarbital or thiorphan, all of wihic inhibit enkephalinase A

peptidyl dipeptidase-3
(RN) EC 3.4.15.-
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) brain enzyme; distinct from angiotensin converting enzyme & enkephalinase; cleaves Hip-His-Leu; inhibited by captopril & thiorphan, but not by longer peptides

peptidyl glycine alpha-amidase
(RN) EC 1.14.99.-
(HM) *OXYGENASES
(NO) cleaves the amino group from peptidyl glycine to give a peptide-amide plus glyoxylate; requires copper, molecular oxygen and reduced ascorbate

peptidyl-glycine alpha-amidating monooxygenase see amide synthetase

peptidyl-prolyl cis-trans-isomerase
(RN) EC 5.2.1.-
(SY) PP-cis-trans-isomerase
(HM) *AMINO ACID ISOMERASES
(NO) catalyzes the cis-trans interconversion of proline-containing peptides

peptidyl-puromycin
(SY) peptidylpuromycin
(SY) puromycinyl-peptide
(HM) PUROMYCIN/*analogs

peptidylpuromycin see peptidyl-puromycin

peptidyl-tRNA
(HM) *AMINO ACYL T RNA
(II) RNA, TRANSFER

peptidyl-tRNA hydrolase see aminoacyl-tRNA hydrolase

Pepto-bismol see bismuth subsalicylate

peptocoagulase see plasmocoagulase

PEP-UDP-GlcNAc transferase
(RN) EC 2.4.1.-
(SY) phosphoenolpyruvate-UDP-N-acetylglucosaminyltransferase
(HM) *GLUCOSYLTRANSFERASES
(NO) forms UDP-N-acetylglucosaminyl-enolpyruvate

PEP-xylitol phosphotransferase see phosphoenolpyruvate-xylitol phosphotransferase

PEP 971
(RN) 66173-66-8
(SY) PEP-971
(HM) *EPOXIDES

PEP-971 see PEP 971

Peracon see isoaminile

Perandren M see testosterone isobutyrate

perbenzoic acid see peroxybenzoic acid

perchlorate see sodium perchlorate

perchloric acid
(RN) 7601-90-3
(HM) *PERCHLORIC ACIDS
(NO) more than 12 salts of cpd available in Chemline

perchloroethane see hexachloroethane

perchlorylchloramphenicol
(RN) 70487-35-3
(HM) CHLORAMPHENICOL/*analogs

percodan
(RN) 64336-56-7
(HM) *OXYCODONE
(HM) *ASPIRIN
(HM) *PHENACETIN
(HM) *CAFFEINE
(HM) DRUG COMBINATIONS
(NO) combination of aspirin, phenacetin, oxycodone & caffeine; Merck Index, 9th ed. & Negwer 5th ed. both list percodan only as synonym to oxycodone; in USAN 1980, p.248 as combination

Percoll
(RN) 65455-52-9
(HM) *SILICA
(HM) *POVIDONE
(II) COLLOIDS
(NO) colloidal silica (Ludox HS) with polyvinylpyrrolidone

percutatrine
(HM) *ESTRONE
(HM) *DIETHYLSTILBESTROL
(HM) *TISSUE EXTRACTS
(HM) DRUG COMBINATIONS
(II) OINTMENTS
(NO) ointment for development of breasts; causes prepubertal gynecomastia & hyperpigmentation of skin; contains estrogen, diethylstilbestrol & extracts of ovaries

perdormal see tuinal

Perenox see cuprous oxide

Perfilcon A
(RN) 37017-46-2
(SY) Permalens
(HM) *METHYLMETHACRYLATES
(HM) *POVIDONE
(NO) consists of 26% terpolymer of 2-hydroxymethylmethacrylate, vinylpyrrolidone & other methacrylates; used as hydrogel lenticular implant

perfluidone
(RN) 37924-13-3
(SY) MBR-8251
(SY) Destun
(SY) Destun 50WP
(HM) *SULFONES
(PA) HERBICIDES
(NO) structure

perfluorobutyrate see perfluorobutyric acid

perfluorobutyric acid
(RN) 375-22-4
(RR) 3794-64-7 (Ag(1+) salt)
(RR) 2966-54-3 (K salt)
(RR) 2218-54-4 (Na salt)
(SY) perfluorobutyrate
(SY) heptafluorobutyric acid
(HM) *FLUOROCARBONS
(II) INDICATORS AND REAGENTS
(NO) ion pairing reagent; RN given refers to parent cpd

perfluoroctylbromide see L 1913

perfluorodecalin
(RN) 306-94-5
(RR) 60433-12-7 ((trans)-isomer)
(RR) 60433-11-6 ((cis)-isomer)
(SY) fluosol-DC
(HM) *FLUOROCARBONS
(II) PLASMA SUBSTITUTES
(II) BLOOD SUBSTITUTES
(NO) RN given refers to parent cpd without isomeric designation

perfluorodecanoic acid
(RN) 335-76-2
(SY) perfluoro-n-decanoic acid
(HM) *DECANOIC ACIDS
(HM) *FLUOROCARBONS

perfluoro-n-decanoic acid see perfluorodecanoic acid

perfluorodimethyladamantane-perfluorotrimethylbicyclononane
(SY) DMA-NONANE
(HM) *FLUOROCARBONS
(PA) RADIATION-SENSITIZING AGENTS
(NO) used in cancer therapy

perfluorohexylbromide
(RN) 335-56-8
(HM) *FLUOROCARBONS
(II) CONTRAST MEDIA
(NO) 6-carbon perfluorocarbon radiopaque compound

perfluoromethane see carbon tetrafluoride

perfluoromethyldecalin
(RN) 51294-16-7
(HM) *FLUOROCARBONS
(NO) used to prepare synthetic surfactant with pulmonary surfactant

perfluorooctanoic acid
(RN) 335-67-1
(RR) 68141-02-6 (Cr(3+) salt)
(RR) 335-93-3 (mono-Ag(1+) salt)
(RR) 2395-00-8 (mono-K salt)
(RR) 3825-26-1 (mono-NH4 salt)
(RR) 335-95-5 (mono-Na salt)
(RR) 33496-48-9 (anhydride)
(RR) 17125-60-9 (Cs salt)
(RR) 35965-01-6 (Co(2+) salt)
(RR) 17125-58-5 (Li salt)
(SY) APFO
(SY) ammonium perfluorooctanoate
(HM) *FLUOROCARBONS
(HM) *OCTANOIC ACIDS
(NO) RN given refers to parent cpd

perfluorooctylbromide see L 1913

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perfluoropropane see octafluoropropane

perfluorotributylamine
(RN) 311-89-7
(SY) FC-43(47)
(SY) fluosol-43
(SY) FC 43
(HM) *FLUOROCARBONS
(II) BLOOD SUBSTITUTES
(II) CULTURE MEDIA
(NO) perfluorochemical (3M Co) artificial O(2) carrier

perfluorotripropylamine
(RN) 338-83-0
(HM) *FLUOROCARBONS
(II) BLOOD SUBSTITUTES

perforin
(HM) *PROTEINS
(II) T-LYMPHOCYTES, CYTOTOXIC
(NO) lytic, pore-forming protein from cytolytic T-lymphocytes. MW 66kDa; has important role during cytolytic T-cell-mediated target cell lysis

performic acid see peroxyformic acid

perfringolysin O
(RN) 71329-60-7
(SY) Clostridium perfringens theta-toxin
(SY) theta hemolysin
(HM) *BACTERIAL TOXINS
(PA) HEMOLYSINS
(II) CLOSTRIDIUM PERFRINGENS

pergolide
(RN) 66104-22-1
(RR) 66104-23-2 (mesylate)
(RR) 66104-23-2 ((8beta)-isomer)
(RR) 77784-46-4 ((8alpha)-isomer)
(SY) pergolide mesylate
(HM) *ERGOLINES
(PA) ANTIPARKINSON AGENTS
(NO) affects dopaminergic function; RN given refers to (8beta)-isomer; RN for cpd without isomeric designation not in Chemline 8/84; structure

pergolide mesylate see pergolide

pergolide sulfone
(RN) 72822-03-8
(HM) *ERGOLINES
(NO) pergolide microbial metabolite; structure given in first source

pergolide sulfoxide
(RN) 72822-01-6
(HM) *ERGOLINES
(NO) pergolide microbial metabolite; structure given in first source

perhexiline maleate
(RN) 6724-53-4
(HM) PERHEXILINE/*analogs

perhydroazocin-2-ylmethylguanidine see guanazodine

perhydrohistrionicotoxin
(RN) 40709-29-3
(RR) 55254-30-3
((6alpha(S*),7beta,8alpha)-(+-)-isomer)
(SY) H(12)-HTX
(HM) *AMPHIBIAN VENOMS
(PA) PARASYMPATHOLYTICS
(II) NEUROTOXINS
(NO) RN given refers to (6R-(6 alpha(R*),7 beta,8 alpha))-isomer; cpd without isomeric designation not in Chemline 7/15/83; structure

perhydromonoeneretinyl phosphate
(RN) 85733-82-0
(SY) pRet-P
(HM) VITAMIN A/*analogs
(NO) comparative structure to retinyl phosphate given in first source

perhydrosqualene see squalane

pericalline
(RN) 3463-93-2
(SY) apparicine
(HM) *ALKALOIDS
(PA) ANTINEOPLASTIC AGENTS
(NO) alkaloid isolated from Catharanthus trichophyllus roots; active against experimental neoplasm; RN in Chemline for (-)-isomer: 2122-36-3

pericel see flavodic acid

perichromin
(HM) *CHROMOSOMAL PROTEINS, NON-HISTONE
(NO) MW 33,000; tightly bound to both interphase & metaphase chromosomes; nuclear envelope protein

pericine
(RN) 84638-28-8
(HM) *ALKALOIDS
(NO) CNS-active indole alkaloid from Picralima nitida cell suspension culture; structure given in first source

peri-colace see dioctyl sulfosuccinic acid

pericyclocamphanone see beta-pericyclocamphanone

peridinin
(RN) 33281-81-1
(HM) *CAROTENOIDS
(NO) structure

perilla ketone
(RN) 553-84-4
(HM) *TERPENES
(II) TOXINS
(NO) potent lung toxin from Perilla frutescens; structure

perillartine
(RN) 138-91-0
(RR) 30950-27-7 ((E)-isomer)
(RR) 40600-50-8 ((E)-(-)-isomer)
(RR) 40600-49-5 ((E)-(+)-isomer)
(RR) 28305-56-8 ((E)-(+-)-isomer)
(RR) 71806-45-6 ((S)-isomer)
(HM) *OXIMES
(II) SWEETENING AGENTS
(NO) RN given refers to cpd without isomeric designation

perimetazine
(RN) 13093-88-4
(RR) 13093-78-2 (unspecified HCl)
(SY) 1-(3-(2-methoxyphenothiazin-10-yl)-2-methylpropyl)-4-piperidinol
(SY) leptryl
(HM) *PHENOTHIAZINES
(PA) PHENOTHIAZINE TRANQUILIZERS
(NO) structure; RN given refers to parent cpd

periodate see sodium metaperiodate

periodate-lysine-paraformaldehyde
(SY) PLPF
(HM) *PERIODIC ACIDS
(HM) *LYSINE
(HM) *FORMALDEHYDE
(II) FIXATIVES
(NO) combination of periodate, lysine and paraformaldehyde; used as a fixative for the study of duodenal mucosa

periodate-oxidized adenosine
(RN) 34240-05-6
(RR) 39798-19-1 ((R-(R*,R*))-isomer)
(SY) PI-adenosine
(SY) adenosine dialdehyde
(HM) ADENOSINE/*analogs
(NO) RN given refers to cpd without isomeric designation

periodate-oxidized adenosine 5'-triphosphate see ATP-PI

periodate-oxidized ATP see ATP-PI

Perio-Vidans
(HM) *DENTAL CAVITY LINING
(NO) no other info available

Peripac
(RN) 81603-60-3
(HM) *PERIODONTAL DRESSINGS
(NO) viscous paste; no other information available 2/16/82

Peripac Improved
(RN) 81603-61-4
(HM) *ACRYLIC RESINS
(II) PERIODONTAL DRESSINGS
(NO) contains polyacrylic acid & butyl phthalate as plasticizer

peripherin
(HM) *INTERMEDIATE FILAMENT PROTEINS
(II) NERVE TISSUE PROTEINS
(NO) found on neurons in the rodent & human peripheral nervous system; MW 56,000, isoelectric pt. 5.6

periplasmic D-xylose-binding protein see xylose-binding protein

perisoxal
(RN) 2055-44-9
(RR) 2139-25-5 (citrate[2:1])
(RR) 14838-45-0 (citrate[1:1])
(RR) 40671-46-3 (unspecified citrate)
(RR) 81129-93-3 ((S)-isomer)
(RR) 81129-92-2 ((R)-isomer)
(RR) 81048-38-6 ((+-)-isomer)
(SY) 3-(1-hydroxy-2-piperidinoethyl)-5-phenylisoxazole
(SY) 31252-S
(HM) *ISOXAZOLES
(PA) ANALGESICS, ANTI-INFLAMMATORY
(NO) RN given refers to parent cpd; structure

peritoneal dialysate depressor II
(SY) PDD-2
(HM) *LIPIDS
(PA) ANTIHYPERTENSIVE AGENTS
(NO) phosphorus-free antihypertensive lipid from dog peritoneal dialysate

Peritrast 400 comp
(RN) 78371-64-9
(SY) LK 312
(HM) DIATRIZOATE/*analogs
(HM) LYSINE/*analogs
(II) CONTRAST MEDIA
(NO) combination of lysine amidotrizoate & Na salt of amidotrizoic acid; RN given refers to Na salt; RN for parent cpd not in Chemline 7/14/83; see also LK 312: 64358-79-8

perlapine
(RN) 1977-11-3
(RR) 64603-98-1 (mono-HCl)
(SY) 6-(4-methylpiperazin-1-yl)-11H-dibenzazepine
(SY) 6-(4-methyl-1-piperazinyl)morphanthridine
(SY) HUF-2333
(SY) PLP 100-127
(HM) *DIBENZAZEPINES
(PA) HYPNOTICS AND SEDATIVES
(NO) structure; RN given refers to parent cpd

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Perlite
(RN) 12427-27-9
(HM) *SILICA
(NO) siliceous volcanic rock composed of silicon dioxide & aluminum oxide

perlon see nylon 6

perlutex see medroxyprogesterone 17-acetate

Permalens see Perfilcon A

Permethol
(RN) 52814-39-8
(RR) 53285-61-3 (Na salt)
(SY) ((7-hydroxy-4-methyl-2-oxo-2H-1-benzopyran-6-yl) oxy)acetic acid
(HM) *COUMARINS
(II) TOOTHPASTE
(NO) structure given in first source

cis-permethrin see permethrin

trans-permethrin see permethrin

permethrin
(RN) 52645-53-1
(RR) 61949-77-7 ((trans)-isomer)
(RR) 61949-76-6 ((cis)-isomer)
(RR) 54774-47-9 ((1S-trans)-isomer)
(RR) 54774-46-8 ((1S-cis)-isomer)
(RR) 54774-45-7 ((1R-cis)-isomer)
(RR) 52341-33-0 ((cis-(+-))-isomer)
(RR) 52341-32-9 ((trans-(+-))-isomer)
(RR) 51877-74-8 ((1R-trans)-isomer)
(SY) NRDC 143
(SY) PP 557
(SY) S-3151
(SY) FMC 33297
(SY) NIA 33297
(SY) ambush
(SY) NRDC-147
(SY) ester of 3-phenoxybenzyl-(+-)-cis,trans-2,2-dichlorovinyl-2,2-dimethyl- cyclopropylcarboxylic acid
(SY) (m-phenoxybenzyl)-cis,trans-3-(2,2-dichlorovinyl)-2,2- dimethylcyclopropanecarboxylate
(SY) cis-(1RS)-permethrin
(SY) 3-phenoxybenzyl-cis,trans-(1RS)-3-(2,2-dichlorovinyl)-2,2- dimethylcyclopropanecarboxylate
(SY) trans-(1RS)-permethrin
(SY) cis-permethrin
(SY) trans-permethrin
(HM) *PYRETHRINS
(PA) INSECTICIDES, BOTANICAL
(NO) synthetic pyrethroid; RN given refers to cpd without isomeric designation; structure

Permixon
(HM) *PLANT EXTRACTS
(PA) ANDROGEN ANTAGONISTS
(NO) liposterolic extract of Serenoa Repens B; significantly improves symptoms of benign prostatic hypertrophy

Perneurin see dimethylamphetamine

peroxidase see hydroperoxidase II

peroxinorm see orgotein

peroxisome-proliferation-associated polypeptide see polypeptide PPA-80

peroxyacetyl nitrate
(RN) 2278-22-0
(HM) *PERACETIC ACID/analogs
(NO) important air pollutant; structure

peroxybenzoic acid
(RN) 93-59-4
(RR) 71427-18-4 (duplicate RN)
(SY) perbenzoic acid
(SY) Dentavon
(HM) *BENZOATES
(PA) ANTIVIRAL AGENTS
(II) DISINFECTANTS
(NO) dentavon forms perbenzoic acid in water; RN given refers to parent cpd; structure

peroxyformic acid
(RN) 107-32-4
(SY) performic acid
(HM) *FORMIC ACIDS
(NO) structure

peroxymonosulfate
(RN) 22047-43-4
(RR) 12188-01-1 (ion(1-))
(HM) *PEROXIDES
(NO) oxidizing agent in prevention of tooth discoloration; RN given refers to ion(2-)

peroxynitric acid
(RN) 26404-66-0
(HM) *NITRATES

peroxyoxalate
(RN) 5796-84-9
(HM) *OXALATES
(NO) RN not in Chemline 4/85; RN from Chem Abst. Index Guide 1984

peroxyphenylacetic acid
(RN) 19910-09-9
(HM) *PHENYLACETATES
(NO) similar to phenoxyacetic acid, could be the same cpd; see also phenoxyacetic acid: 122-59-8

peroxysuccinic acid
(RN) 2279-96-1
(SY) persuccinic acid
(SY) persuccinate
(HM) *SUCCINATES
(PA) ANTIVIRAL AGENTS
(II) DISINFECTANTS

perphenazintrimethoxybenzoate see metofenazate

perrhenate
(RN) 14333-24-5
(RR) 13598-65-7 (NH4 salt)
(RR) 13472-33-8 (Na salt)
(RR) 10466-65-6 (K salt)
(SY) rhenium oxide
(HM) *RHENIUM
(NO) RN given refers to cpd with MF of O4-Re

Persedon see pyrithyldione

Perspex see methylmethacrylate

Persteril
(RN) 8066-16-8
(HM) *PERACETIC ACID
(HM) *HYDROGEN PEROXIDE
(HM) *SULFURIC ACIDS
(HM) DRUG COMBINATIONS
(II) DISINFECTANTS
(NO) combination of peracetic acid, hydrogen peroxide & sulfuric acid

persuccinate see peroxysuccinic acid

persuccinic acid see peroxysuccinic acid

perthane
(RN) 72-56-0
(SY) 1,1-dichloro-2,2-bis(p-ethylphenyl)ethane
(HM) DDD/*analogs
(PA) ANTINEOPLASTIC AGENTS
(NO) structure

Peruvian balsam
(RN) 8007-00-9
(HM) *BALSAMS
(NO) used in treatment of radiation skin injuries in USSR; RN given refers to cpd with unknown MF; see also Peru balsam white: 8023-64-1

peruvoside see cannogenin thevetoside

PE-SE see piperidine-ethyl-selenophene

pestalotan
(HM) *GLUCANS
(NO) highly (1-6)-branched (1-3)-beta-D-glucan from newly isolated fungus Pestalotia sp. 815; structure given in first source

Pesticin
(RN) 37203-44-4
(RR) 56573-58-1 (pesticin I)
(RR) 12767-22-5 (pesticin II)
(RR) 12767-23-6 (pesticin III)
(SY) pesticin I
(SY) pesticin II
(SY) pesticin III
(HM) *BACTERIOCINS
(II) YERSINIA PESTIS
(NO) produced by certain strains of plague bacillus; the pesticin-fibrinolysin--coagulase system is an important genetic marker & its properties depend on the character of the genetic apparatus or genome of the bacteria isolated in different natural foci of the plague; RN given refers to cpd with unknown MF

pesticin I see Pesticin

pesticin II see Pesticin

pesticin III see Pesticin

PETA see pentaerythrityl triacrylate

petasitenine
(RN) 60102-37-6
(HM) *PYRROLIZIDINE ALKALOIDS
(PA) CARCINOGENS
(NO) structure

Pethema protocol see CCG-141

petrin see pentaerythritol trinitrate

petroleum ether see naphtha

PETX see Pseudomonas aeruginosa exotoxin A

PE type B see Staphylococcal pyrogenic exotoxin type B

PE type C see Staphylococcal pyrogenic exotoxin C

Pevikon
(RN) 9003-22-9
(HM) *POLYVINYLS
(NO) copolymer of polyvinyl chloride & polyvinylacetate; supporting medium used in electrophoresis

PEV-01 see polyvalent pseudomonas vaccine

PE 60 see polyelectrolyte 60

PFBBr see pentafluorobenzyl bromide

PFBOA see Florox Reagent

PFBSC see pentafluorobenzenesulfonyl chloride

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PFDB-taurine see N-pentafluorobenzoyl-di-n-butylamide taurine

PFETM see S-phenethylformamidino-4-(N-ethylisothioamide) morpholine

PSE-Fe see penta-N-methylpyrrolecarboxamide-EDTA-Fe(II)

PFHG1 see human X polypeptides

PFHG2 see human X polypeptides

PFHG3 see human X polypeptides

34.089 Pfizer see sulprostone

PFK-inactivating enzyme see phosphofructokinase phosphatase

PFK regulatory subunit see phosphofructokinase regulatory subunit

PFK-RF see phophofructokinase regulatory factors

PF-lyase activating enzyme see pyruvate formate-lyase activating enzyme

PFR antigen see Plasmodium falciparum protein

PF-257

(RN) 52237-22-6
(SY) 1,2-benzisoxazole-3-acetamidoxime.HCl
(HM) *ISOXAZOLES
(PA) ANTIDEPRESSIVE AGENTS
(NO) new psychotropic agent possessing potent antireserpine activity but exerting its effect via different modes of action from those of existing pyschotropics including antidepressants; does not act as MAO inhibitor; retards rate of catecholamine turnover in brain; RN & NM refer to HCl; RN for parent cpd not in Chemline 7/14/83; structure

PF-26 see mepramidil

PF4 (59-70) see platelet factor 4 (59-70)

PGAE see propylene glycol alginate ester

PGAG see phosphatidylglucosaminylglycerol

P140gag-Fps protein see gag viral proteins

P85 gag-mos protein see gag viral proteins

p200 gag-pol-myc see gag viral proteins

PGA1 hydroxylase see prostaglandin omega hydroxylases

PGAL see poly(glutamic acid-lysine)

PGALP see peptidoglycan-associated lipoprotein

PGA1 see prostaglandin A1

PGA2 see prostaglandin A2

PGBx see prostaglandin Bx

PGB1 see prostaglandin B1

PGB2 see prostaglandin B2

PG-chloramphenicol see 2-(phenylalanylglycyl)amino-3-(4-nitrophenyl)-1,3-propanediol

PGCMK see pyroglutamic acid chloromethyl ketone

PG converter see polygalacturonase converter

PGD2 dehydrogenase see prostaglandin D 15-dehydrogenase (NADP+)

PGD2 isomerase see prostaglandin R2 D-isomerase

PGD2 11-keto reductase see prostaglandin D2 11-keto reductase

PGD-M see 9 alpha-hydroxy-11,15-dioxo-2,3,18,19-tetranorprost-5-ene-1,20-dioic acid

PGDMK see pyroglutamyl diazomethyl ketone

PGDNP see proteoglycan-degrading neutral proteases

1,2-PGDN see propylene glycol dinitrate

PGD2 receptor see prostaglandin D2 receptor

PGD2 see prostaglandin D2

PGD3 see prostaglandin D3

PGE2alpha see prostaglandin E2

PGE1-CD see prostaglandin E1-alpha-cyclodextrin

PGE1-hexyl-agarose see prostaglandin E1-hexyl-sepharose

PGE2 isomerase see prostaglandin R2 E-isomerase

PGE2 9-ketoreductase see 9-hydroxyprostaglandin dehydrogenase

PGE 9-ketoreductase see 9-hydroxyprostaglandin dehydrogenase

PGEM see 15-keto-13,14-dihydroprostaglandin E2

PGE2 methyl ester see prostaglandin E2 methyl ester

PGEM-II see 11-deoxy-15-keto-13,14-dihydro-11 beta,16-cycloprostaglandin E2

PGE receptor see prostaglandins E receptor

PGE2 receptors see prostaglandins E receptor

PGE1 receptor see prostaglandins E receptor

PGE2 receptor see prostaglandins E receptor

PGE2 see prostaglandin E2

PGE2-M see 11-deoxy-15-keto-13,14-dihydro-11 beta,16-cycloprostaglandin E2

PGE3 see prostaglandin E3

PGF2alpha ethyl ester see prostaglandin F2 ethyl ester

PGF2alpha isopropyl ester see prostaglandin F2 isopropyl ester

PGF2alpha methyl ester see prostaglandin F2 methyl ester

PGF2alpha 15-methyl ether see prostaglandin F2alpha 15-methyl ether

PGF2alpha receptors see prostaglandin F2alpha receptor

PGF2alpha receptor see prostaglandin F2alpha receptor

PGF2alpha tromethamine see dinoprost tromethamine

PGF2alpha UM see prostaglandin F-main urinary metabolite

PGF1 alpha see prostaglandin F1

PGF1alpha see prostaglandin F1

PGF2 alpha see prostaglandin F2

PGF2alpha see prostaglandin F2

PGF1beta see prostaglandin F1beta

PGF2beta see prostaglandin F2beta

PGF-main urinary metabolite see prostaglandin F-main urinary metabolite

PGF-MUM see prostaglandin F-main urinary metabolite

PGF synthetase see prostaglandin D2 11-keto reductase

PGF1 see prostaglandin F1

15-F PGF2 see 15-fluoro-15-deoxyprostaglandin F2alpha

PGF2 see prostaglandin F2

PGGFA see prostaglandin-generating factor of anaphylaxis

PGGG see propyl O-beta galactopyranosyl-(1-4)-O-beta galactopyranosyl-(1-4)-alpha galactopyranoside

PGGP see poly(galactosylglycerol phosphate)

PGG(2) see prostaglandin G2

PGG2 see prostaglandin G2

PGH2 methyl ester see prostaglandin H2 methyl ester

PGH2 receptors see prostaglandin H2 receptor

PG-hydroperoxidase see prostaglandin hydroperoxidase

PGH2 see prostaglandin H2

PGH(2) see prostaglandin H2

PGI isomerase see prostacyclin isomerase

PGI2 methyl ester see prostaglandin I2 methyl ester

PGI2 receptor see prostacyclin receptor

PGI2 synthase see prostacyclin synthetase

PGI2 synthetase see prostacyclin synthetase

PGI2-M see 2,3-dinor-6-ketoprostaglandin F1alpha

PGI2-7-F see 7-fluoroprostacyclin

PGI3 see prostaglandin I3

PGJ2 see 9-deoxy-delta-9-prostaglandin D2

PGL(a)

(SY) PGLA
(SY) PYL(a), 4-24-
(SY) (4-24)-PLY(a)
(HM) *PEPTIDES
(II) XENOPUS LAEVIS
(NO) 21-amino acid peptide from skin secretion of Xenopus laevis; amino acid sequence given in first source

PGLA see PGL(a)

PGLPN see poly(Glu(56)-Lys(35)-Phe(9))n

pGLTAVGGSLM see phyllolitorin, Leu-8-

pGLTAVGSPM see phyllolitorin

pGlu-chloromethyl ketone see pyroglutamic acid chloromethyl ketone

pGlu-Glu-Asp-Cys-Lys-OH see hemoregulatory peptide 5b

pGlu-Glu-Asp-GlyOH see pyroglutamyl-glutamyl-asparaginyl-glycine

pGlu-His-Ala see pyroglutamyl-histidyl-alanine

pGlu-His-Ala-OH see pyroglutamyl-histidyl-alanine

pGlu-His-EA see pyroglutamylhistidyl-N-ethylamide

pGlu-His-Gly see pyroglutamyl-histidyl-glycine

pGlu-His-Gly-OH see pyroglutamyl-histidyl-glycine

pGlu-His-Pro-Gly see TRH-Gly

pGlu-His-Pro-Gly-Lys-Arg see TRH-Gly-Lys-Arg

pGlu-His-Pro-GlyOH see pyroglutamyl-histidyl-prolyl-glycine

pGlu-Leu see pyroglutamylleucine

pGlu-Leu-Trp-Ala-Thr-Gly-His-Phe-Met-NH2 see Rohdei-litorin

pGlu-Leu-Trp-Ala-Val-Gly-Ser-Leu-Met-NH2 see phyllolitorin, Leu-8-

pGlu-Leu-Trp-Ala-Val-Gly-Ser-Phe-Met-NH2 see phyllolitorin

pGlu-Leu-Tyr-Glu-Asn-Lys-Pro-Arg see neurotensin(1-8)

pGlu-Leu-Tyr-Glu-Asn-Lys-Pro-Arg-Arg-Pro see neurotensin(1-10)

pGlu-3-Me-His-Gly-OH see pyroglutamyl-3-methylhistidyl-glycine

pGlu-3-Me-His-Gly see pyroglutamyl-3-methylhistidyl-glycine

pGlu(5)-MePhe(8)-MeGly(9)-SP(5-11) see substance P(5-11), pGlu(5)-MePhe(8)-MeGly(9)-

pGlu-Phe-Gly see pyroglutamyl-phenylalanyl-glycine

pGlu-Phe-Gly-OH see pyroglutamyl-phenylalanyl-glycine

pGlu-Phe-Leu-pNA see pyroglutamyl-phenylalanyl-leucine-4-nitroanilide

pGlu-Phe-Trp-Ser-Lys(6)-N-epsilon-azidob...yl-GNRH see LHRH, pGlu-Phe-Trp-Ser-Lys(6)-N-epsilon-azidobenzoyl-

pGlu-Pro-Arg-pNA see S 2366

pGlu-Pro-Pro-Gly-Gly-Ser-Lys-Val-Ile-Leu-Phe see head activator peptide

pGlu SPH see substance P, des-Arg(1)-des-Pro(2)-des-Lys(3)-des-Pro (4)-des-Gln(5)-

(pGlu(6))SP(6-11) see Substance P(6-11), pGlu(6)-

pGlu(6)-substance P(6-11) see Substance P(6-11), pGlu(6)-

pGly-Arg-Leu-Gly-Thr-Gln-Trp-Ala-Val-Gly-His-Leu-Met-NH2 see alytesin

PG ONO 802 see 16,16-dimethyl-delta2-prostaglandin E1

Pgp-1 antigens
(SY) Pgp-1 glycoproteins
(HM) *ANTIGENS, SURFACE
(NO) cell-surface molecule expressed on bone marrow cells of T & B-lineage, but not found on the surface of most thymocytes of adult mice

Pgp-1 antigen see differentiation antigens, T lymphocyte

d(pGpG) see deoxydiguanosine diphosphosphate

Pgp-1 glycoproteins see Pgp-1 antigens

PGP synthetase see glycerophosphate phosphatidyltransferase

PGPTSLA-GNRH see LHRH, pGlu-Phe-Trp-Ser-Lys(6)-N-epsilon-azidobenzoyl-

PGP 9.5 see neuron-specific protein 9.5

p(S)pg see 6-thioguanosine 5'-diphosphate

PG-501 see mazaticol

PG802 see 16,16-dimethyl-delta(2)-prostaglandin E1 methyl ester

phacolin see phacolysin

phacolysin
(SY) phacolin
(SY) Quinax
(SY) 5,12-dihydroazapeptasen sodium disulfonate
(HM) *ACRIDINES
(II) OPHTHALMIC SOLUTIONS
(NO) cpd not in Chemline 7/14/83; RN in 9th CI Form Index for 5,12-dihydroquinoxalino(2,3-b)phenazine-2,9-disulfonic acid (phacolysin in Negwer, 5th ed, #3514; MF=C18H12N4O6S2): 1790-56-3; different structure given for phacolysin in UD 24:43a (C21H17NO6S2) than in Negwer, 5th ed, #3514

phaeanthrine
(RN) 27670-80-0
(HM) *ALKALOIDS
(PA) INSECTICIDES, BOTANICAL
(NO) isoquinoline alkaloid from Phillipine medicinal tree Phaeanthus ebracteolatus (kalimatas tree); structure given in first source

phaeomelanin
(RN) 12627-61-1
(HM) *MELANINS

phage lambda N protein see viral N protein

phage lambda receptor protein see lambda phage receptor

phage lambda repressor see lambda repressor

phage lambda tail proteins see viral tail proteins

phage Mu gene B product see gene proteins, viral

phage T7 0.3 protein see bacteriophage T7 0.3 protein

phage repressor proteins
(SY) Ner proteins
(HM) *VIRAL PROTEINS
(HM) *REPRESSOR PROTEINS
(NO) see also record for lambda repressor

phagocytosis receptor
(SY) receptor, phagocytosis
(SY) phagocytosis receptors
(HM) *RECEPTORS, IMMUNOLOGIC
(II) PHAGOCYTOSIS

phagocytosis receptors see phagocytosis receptor

Phakan
(RN) 88254-06-2
(HM) *AMINO ACIDS
(HM) *INOSITOL
(HM) *PYRIDOXINE
(HM) *ASCORBIC ACID
(HM) DRUG COMBINATIONS
(NO) anticataract combination; oral ampules containing glycine, glutamic acid, arginine, inositol & pyridoxine & gelules containing cysteine & ascorbic acid

phallacidin
(RN) 26645-35-2
(HM) *AMANITINS
(NO) bicyclic heptapeptide from Amanita (along with phalloidin)

phalloidine-FTIC see FL-phalloidin

phalloin
(RN) 28227-92-1
(HM) *ALKALOIDS
(NO) oligopeptide similar to phalloidin; structure given in first source & 9th CI Chem Subs Index

phallolysin see phallolysine

phallolysine
(RN) 39412-56-1
(RR) 56590-72-8 (phallolysin A)
(RR) 56590-73-9 (phallolysin B)
(SY) phallolysin
(HM) *AMANITINS
(PA) HEMOLYSINS
(PA) ANTINEOPLASTIC AGENTS
(II) CYTOLYSINS
(NO) high MW hemolysin from Amanita phalloides; RN given refers to cpd with unknown MF

phallotoxin
(RN) 54351-96-1
(HM) *AMANITINS

Phaltan see folpet

phanquinone
(RN) 84-12-8
(SY) entobex
(SY) phanquone
(SY) c 14574
(HM) *PHENANTHROLINES
(PA) AMEBICIDES
(PA) ANTI-INFECTIVE AGENTS
(II) CHELATING AGENTS
(NO) structure

phanquone see phanquinone

PHA-P see phytohemagglutinin-P

Pharmalgen
(HM) *VENOMS
(NO) venom extracts from bees, wasps and mites

pharmasia TB see farmazin TB

pharodoran
(HM) *ASPIRIN
(HM) *HYDROXYBENZOIC ACIDS
(HM) DRUG COMBINATIONS
(PA) ANTIFIBRINOLYTIC AGENTS
(NO) contains aspirin & methyl- & propylhydroxybenzoates

phaseafil
(RN) 76363-92-3
(HM) *COMPOSITE RESINS
(NO) composite resin from Phasealloy Inc., El Cajon, CA

phasealloy
(RN) 66418-59-5
(HM) *DENTAL AMALGAM

phaseolamin
(SY) Amylex
(HM) *PLANT PROTEINS
(PA) ALPHA AMYLASE/antag
(NO) from red kidney beans, phaseolus vulgaris

phaseolin
(RN) 13401-40-6
(SY) phaseolin
(HM) *BENZOPYRANS
(II) TOXINS
(NO) structure

phaseollin see phaseolin

phaseolotoxin see phaseotoxin

phaseotoxin
(RN) 59299-63-7
(RR) 62249-77-8 (phaseolotoxin)
(SY) phaseolotoxin
(HM) *EXOTOXINS
(NO) exotoxin from Pseudomonas phaseolicola

S phase-related p55 nuclear antigen see nuclear antigen p53

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PHCA see poly(hexyl-2-cyanoacrylate)

PHDAT see 1-(3-phenyl)-3,3-diethyltriazene

Ph DZ 59B see meglumine iozomate

PHEA
(RN) 26022-14-0
(SY) poly(2-hydroxyethyl acrylate)
(HM) *POLYHYDROXYETHYL METHACRYLATE/analogs

Phe(7)-ACTH(4-10) see ACTH(4-10), Phe(7)-

2'-Phe-Ado see 2'-O-L-phenylalanyladenosine

3'-Phe-Ado see 3'-O-L-phenylalanyladenosine

PHEAG see N-epsilon-acetimidoglucagon-Phe(1)

Phe-Ala see phenylalanylalanine

Phe-Ala-Arg-chloromethyl ketone see phenylalanyl-alanyl-arginine chloromethyl ketone

Phe-Ala-Arg-CK see phenylalanyl-alanyl-arginine chloromethyl ketone

Phe-AMP anhydride see phenylalanyl-AMP anhydride

4-Phe-AP see 4-phenylalanylaminoantipyrine

Phe-Arg-Trp-Gly see ACTH(7-10)

2-Phe-8-Arg-vasopressin see phenypressin

PHEA-Tyr see alpha, beta-poly((2-hydroxyethyl)aspartamide-co-(4-hydroxyphenethyl)aspartamide)

Phe-azido-tRNA(Phe) see tRNA, azidophenylalanine-

Phe-Cys-Phe-Trp-Lys-Thr-Cys-NH-CH(CH2OH)=CHOHCH3 see SMS 201 995

Phe-diiodo-Tyr see MSH potentiating factor

Phe(1)-N-epsilon-acetimidoglucagon see N-epsilon-acetimidoglucagon-Phe(1)

PHEG see poly(N(5)-(2-hydroxyethyl)-L-glutamine)

Phe-Glu see phenylalanylglutamate

Phe-GLy see phenylalanylglycine

Phe-Gly-Gly see phenylalanyl-glycyl-glycine

Phe-His see histidylphenylalanine

Phe (B24)insulin see insulin, supernormal

Phe-Leu-Glu-Glu-Ile see phenylalanyl-leucyl-glutamyl-glutamyl-isoleucine

Phe-Leu-4-MeGlu-Glu-Val see phenylalanyl-leucyl-gamma-methylglutamyl-glutamyl-valine

Phe-Leu-Pro-Ile-Tyr-Arg-Arg-Pro-Ala-Ser-amide see granuliberin R

Phe-Leu-Pro-Leu-Ile-Leu-Arg-Lys-Ile-Val-Thr-Ala-LeuNH2 see crabrolin

Phe-D-Lys-Phe see phenylalanyl-lysyl-phenylalanine

Phe-Met-Arg-Phe-amide see FMRFamide

Phe-Met-Arg-Phe-NH2 see FMRFamide

phenacaberan see fenicoberan

phenacein
(SY) 3,6-dihydroxy-1-phenazinecarboxylic acid
(HM) *PHENAZINES
(PA) KININASE II/antag
(NO) isolated from Streptomyces tanashiensis-zaomyceticus; structure given in first source

phenacemide
(RN) 63-98-9
(SY) phenuron
(SY) (phenylacetyl)urea
(HM) UREA/*analogs
(PA) ANTICONVULSANTS
(NO) anti-epileptic drug; structure

phenacetin N-deacetylase see aryl acylamidase

phenacetin O-dealkylase
(RN) EC 1.-
(SY) phenacetin O-deethylase
(HM) *OXIDOREDUCTASES

phenacetin O-deethylase see phenacetin O-dealkylase

phenaceturic acid see phenylacetylglycine

phenacid
(RN) 10477-72-2
(RR) 40068-28-8 (Na salt)
(SY) p-(N,N-bis'2-chloroethyl)amino)phenylacetic acid
(SY) phenylaceti: mustard
(SY) 4-(N,N-bis(2-chloroethyl)amino)phenylacetic acid
(HM) *NITROGEN MUSTARD COMPOUNDS
(NO) RN given refers to parent cpd; structure

phenacylamine
(RN) 613-89-8
(RR) 5468-37-1 (mono-HCl)
(RR) 37394-53-9 (HBr)
(SY) alpha-aminoacetophenone
(HM) *ACETOPHENONES
(NO) RN given refers to parent cpd; structure in Merck Index, 9th ed, #6990

phenacyl bromide
(RN) 70-11-1
(SY) bromoacetophenone
(HM) *ACETOPHENONES
(NO) structure

phenalen-1-one
(RN) 548-39-0
(HM) *POLYCYCLIC HYDROCARBONS
(PA) MUTAGENS
(NO) fossil fuel combustion product

phenamidine
(RN) 101-62-2
(RR) 5421-89-6 (di-HCl)
(SY) di(4-amidinophenyl)ether
(HM) *BENZAMIDINES
(PA) ANTIPROTOZOAL AGENTS
(NO) RN given refers to parent cpd; structure

phenamidine isethionate
(RN) 620-90-6
(SY) phenamidine isothionate
(SY) 4,4'-oxydibenzamidine 2-hydroxyethanesulfonic acid
(HM) *BENZAMIDINES
(HM) *PHENYL ETHERS
(PA) ANTIPROTOZOAL AGENTS
(PA) TRYPANOCIDAL AGENTS
(NO) used in babesia infections of cattle, horses, and dogs; systematic treatment of demodectic mange in dogs; structure

phenamidine isothionate see phenamidine isethionate

phenamiphos see fenamiphos

9,10-phenanthraquinone see phenanthrenequinone

phenanthrene
(RN) 85-01-8
(HM) *PHENANTHRENES

phenanthrenequinone
(RN) 84-11-7
(SY) 9,10-phenanthraquinone
(SY) 9,10-phenanthrenequinone
(HM) *PHENANTHRENES
(NO) structure

9,10-phenanthrenequinone monoxime
(RN) 14140-04-6
(SY) 9,10-PQM
(HM) *PHENANTHRENES
(II) INDICATORS AND REAGENTS
(NO) selective sensitive reagent for iron in environmental samples

9,10-phenanthrenequinone see phenanthrenequinone

phenanthridone
(RN) 1015-89-0
(HM) *PHENANTHRENES
(NO) coal tar derivative; structure given in first source

o-phenanthroline see 2-phenanthroline

1,10-phenanthroline-2-carboxylic acid
(RN) 1891-17-4
(SY) 2-carboxy-1,10-phenanthroline
(HM) *PHENANTHROLINES
(II) CHELATING AGENTS

(o-phenanthroline) cupric see bis(1,10-phenanthroline)copper(2+) ion

1,10-phenanthroline-5,6-dione
(RN) 27318-90-7
(SY) 1,10-PAD
(HM) *PHENANTHROLINES
(PA) ANTINEOPLASTIC AGENTS
(NO) structure given in first source

1,7-phenanthroline-5,6-dione
(RN) 82701-91-5
(SY) 1,7-PAD
(HM) *PHENANTHROLINES
(PA) ANTINEOPLASTIC AGENTS
(NO) structure given in first source

1,10-phenanthroline-platinum(II)-ethylenediamine
(RN) 54831-91-3
(SY) PEPT
(HM) *ORGANOPLATINUM COMPOUNDS
(II) INTERCALATING AGENTS
(NO) forms crystalline product with 3'-CMP; structure given in first source

1,10-phenanthroline see 2-phenanthroline

2-phenanthroline
(RN) 66-71-7
(RR) 22802-96-6 (HCl)
(RR) 21532-74-1 (monoperchlorate)
(RR) 16561-55-0 (Zn salt)
(RR) 3829-86-5 (mono-HCl)
(RR) 37108-74-0 (unspecified hydrate)
(SY) copper phenanthroline
(SY) o-phenanthroline
(SY) 1,10-phenanthroline
(HM) *PHENANTHROLINES
(II) IRON CHELATES
(II) CROSS-LINKING REAGENTS
(NO) RN given refers to parent cpd

phenaphthazine see nitrazine yellow

phenazacillin see hetacillin

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phenazepam
(RN) 51753-57-2
(RR) 70030-06-7 (2-(14)C-labeled cpd)
(SY) 7-bromo-5-(2-chlorphenyl)-1,2-dihydro-3H-1,4-benzodiazepin-2-one
(SY) fenazepam
(SY) 7-bromo-5-(2-chlorophenyl)-1,3-dihydro-2H-1,4-benzodiazepin-2-one
(HM) *BENZODIAZEPINONES
(PA) BENZODIAZEPINE TRANQUILIZERS
(PA) ANTICONVULSANTS
(NO) RN given refers to parent cpd

1-phenazinecarboxylic acid
(RN) 2538-68-3
(RR) 1144-02-1 (Na salt)
(HM) PHENAZINES
(PA) ANTIBIOTICS
(NO) from Streptomyces cinnamonensis; RN given refers to parent cpd; structure given in first source

phenazine ethosulfate
(RN) 10510-77-7
(SY) 5-ethylphenazinium ethyl sulfate
(HM) *PHENAZINES

phenbenicillin
(RN) 1926-48-3
(RR) 1177-30-6 (mono-K salt(2S-(2alpha,5alpha,6beta)-isomer)
(SY) phenoxybenzyl penicillin
(HM) PENICILLIN G/*analogs
(NO) structure; RN given refers to (2S-(2alpha,5alpha,6beta))-isomer; RN for cpd without isomeric designation not in Chemline 8/84

Phencarol
(RN) 10447-39-9
(RR) 10447-38-8 (HCl)
(RR) 35929-35-2 (HBr(+-)-isomer)
(SY) fenatin
(SY) quinuclidinyl-3-diphenylcarbinol
(SY) fencarol
(HM) *BENZHYDRYL COMPOUNDS
(PA) ANTIHISTAMINICS
(PA) HISTAMINE H1 RECEPTOR BLOCKADERS
(NO) Russian drug; RN given refers to parent cpd without isomeric designation; NM refers to HCl; structure

phencyclidine-3-azide see 3-azidophencyclidine

phencyclidine N-oxide
(RN) 82413-33-0
(RR) 82413-34-1 (HCl)
(HM) PHENCYCLIDINE/*analogs

phencyclidine receptor
(SY) PCP receptor
(SY) phencyclidine receptors
(SY) receptor, phencyclidine
(HM) *SYNAPTIC RECEPTORS
(II) PHENCYCLIDINE

phencyclidine receptors see phencyclidine receptor

phendal see phenthoate

phenesterin
(RN) 3546-10-9
(SY) fenesterine
(SY) NSC 104469
(SY) phenesterine
(HM) *NITROGEN MUSTARD COMPOUNDS
(PA) ANTINEOPLASTIC AGENTS
(NO) alkylating agent; major descriptor (73-83); on-line search NITROGEN MUSTARD COMPOUNDS (73-83); Index Medicus search PHENESTERIN (73-83); structure

phenesterine see phenesterin

phenestrol
(RN) 19659-38-2
(SY) fenestrol
(HM) HEXESTROL/*analogs
(PA) ALKYLATING AGENTS

phenethicillin
(RN) 147-55-7
(RR) 34378-72-8 ((2S-(2alpha,5alpha,6beta,(S*)))-isomer)
(RR) 30302-52-4 (mono-Na salt(2S-(2alpha,5alpha,6beta))-isomer)
(RR) 20676-17-9 (mono-K salt(2S-(2alpha,5alpha,6beta(S*)))-isomer)
(RR) 7177-41-5 (mono-K salt(2s-(2alpha,5alpha,6beta(R*)))-isomer)
(RR) 1752-26-7 ((2S-(2alpha,5alpha,6beta))-isomer)
(RR) 1914-69-8 ((2S-(2alpha,5alpha,6beta(R*)))-isomer)
(SY) potassium phenethicillin
(SY) penicillin, phenoxyethyl
(SY) 3,3-dimethyl-7-oxo-6-(2-phenoxypropionamido)-4-thia-1-azabicyclo(3.2.0)heptane-2-carboxylate
(SY) Chemipen
(SY) Syncillin
(SY) Maxipen
(HM) PENICILLIN, PHENOXYMETHYL/*analogs
(NO) minor descriptor (85); major descriptor (63-84); on-line search PENICILLIN, PHENOXYMETHYL/AA (66-85); Index Medicus search PHENETHICILLIN (63-84); RN given refers to (2S-(2alpha,5alpha,6beta))-isomer; RN for cpd without isomeric designation not in Chemline 7/85

phenethylamine
(RN) 64-04-0
(RR) 71750-39-5 (sulfate)
(RR) 53916-94-2 (HBr)
(RR) 156-28-5 (HCl)
(RR) 53916-95-3 (mesylate)
(RR) 53050-54-7 (tosylate)
(RR) 38225-29-5 (mono-Li salt)
(RR) 54930-41-5 (perchlorate)
(RR) 42006-59-7 (beta-(14)C-labeled cpd)
(RR) 41498-55-9 (15N-labeled cpd)
(RR) 32218-88-5 (conjugate acid)
(RR) 5471-08-9 (sulfate[2:1])
(SY) beta-phenethylamine
(SY) 2-phenethylamine
(SY) beta-phenylethylamine
(SY) 2-phenylethylamine
(HM) *PHENETHYLAMINES
(NO) RN given refers to parent cpd; structure in Merck Index, 9th ed, #7016

1-phenethylamine
(RN) 98-84-0
(RR) 20938-48-1 (HCl)
(RR) 13437-79-1 (HCl(+-)-isomer)
(RR) 3886-69-9 ((R)-isomer)
(RR) 2627-86-3 ((S)-isomer)
(RR) 618-36-0 ((+-)-isomer)
(SY) alpha-phenylethylamine
(SY) alpha-methylbenzylamine
(HM) *PHENETHYLAMINES
(NO) RN given refers to cpd without isomeric designation

2-phenethylamine see phenethylamine

2-phenethylamino-4-phenylthiazole see fanetizole

S-phenethylformamidino-4-(N-ethylisothioamide)morpholine
(RN) 91112-39-9
(SY) PFETM
(HM) *MORPHOLINES
(PA) RADIATION-PROTECTIVE AGENTS

3-phenethyl-PP see 3-(3-hydroxyphenyl)-N-(2-phenethyl)piperidine

phenetolcarbamide see dulcin

pheneturide see ethylphenacemide

Phe(11)-neurotensin see neurotensin, Phe(11)-

phenglutarimide
(RN) 1156-05-4
(RR) 1674-96-0 (HCl)
(SY) phenylglutarimide
(SY) 2-(2-(diethylamino)ethyl)-2-phenylglutarimide
(HM) GLUTETHIMIDE/*analogs
(PA) PARASYMPATHOLYTICS
(PA) ANTIPARKINSON DRUGS
(NO) RN given refers to parent cpd; structure

phenhomazine
(RN) 262-99-7
(HM) *DIBENZAZEPINES
(PA) ANTIPSYCHOTIC AGENTS
(NO) structure given in first source

phenibut see 4-amino-3-phenylbutyric acid

phenicaberan see fenicoberan

phenicoberan2-phenyl-3-carboxy-4-dimethylamino-methyl-5-oxybenzofuran.HCl see fenicoberan

phenidone
(RN) 92-43-3
(RR) 14776-33-1 (mono-HCl)
(HM) *PYRAZOLES
(NO) photographic developer; RN given refers to parent cpd; structure

phenindamine
(RN) 82-88-2
(RR) 5503-08-2 (HCl)
(RR) 569-59-5 (tartrate)
(SY) thephorin
(HM) *PYRIDINES
(PA) PARASYMPATHOLYTICS
(PA) ANTIHISTAMINICS
(NO) RN given refers to parent cpd; structure

phenithionate
(RN) 83538-74-3
(SY) phenyl-4-nitrodiphenylamine-4'-thiocarbamate
(SY) 7720
(HM) *DIPHENYLAMINE/analogs
(HM) *THIOCARBAMATES
(PA) SCHISTOSOMICIDES
(NO) structure given in first source

phenitrone
(RN) 3670-65-3
(RR) 13492-21-2 (mono-HCl)
(SY) 3-(hexahydro-1H-azepin-1yl)-3' nitropropiophenone hydrochloride
(HM) *PROPIOPHENONES
(PA) HYPNOTICS AND SEDATIVES
(NO) RN given refers to parent cpd

Phe(2)-Nle(4)-ACTH(1-24) see ACTH(1-24), Phe(2)-Nle(4)-

Phe-Nle-Arg-Phe-NH2 see phenylalanyl-norleucyl-arginyl-phenylalaninamide

phenmedipham
(RN) 13684-63-4
(SY) fenmedifam
(HM) *CARBAMATES
(PA) HERBICIDES, CARBAMATE
(NO) minor descriptor (72-84); on-line search CARBAMATES (72-84); Index Medicus search HERBICIDES, CARBAMATE (75-84), CARBAMATES (72-75)

phenobamate see febarbamate

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phenobarbital-N-glucoside
(RN) 72209-10-0
(HM) PHENOBARBITAL/*analogs
(NO) RN given refers to (beta-D)-isomer; RN for cpd without isomeric designation not in Chemline 1/85

phenobarbital propylhexedrine salt see maliasin

phenobarbital receptor see barbiturate receptor

phenobarbitone receptor see barbiturate receptor

phenoclor
(RN) 55945-68-1
(RR) 11096-50-7 (phenoclor DP 6)
(RR) 56730-94-0 (phenoclor DP 5)
(RR) 56730-93-9 (phenoclor DP 4)
(RR) 56730-92-8 (phenoclor DP 3)
(SY) Phenoclor DP6
(HM) *POLYCHLOROBIPHENYL COMPOUNDS
(NO) RN given refers to cpd with unknown MF

Phenoclor DP6 see phenoclor

phenol
(RN) 108-95-2
(RR) 139-02-6 (Na salt)
(SY) carbolic acid
(SY) sodium phenoxide
(HM) *PHENOLS
(NO) RN given refers to parent cpd

phenol-3,6-dibromophthalein disulfonate see dibromosulphthalein

Phenol, 3-((dimethylamino)(2-hydroxycyclohexyl)methyl) -, hydrochloride, (1alpha(R*),2alpha)-(-)- see ciramadol

phenolformaldehyde foam see phenol-formaldehyde resin

phenol-formaldehyde resin
(RN) 9003-35-4
(SY) phenolic resin
(SY) VIAM-B
(SY) phenolformaldehyde foam
(HM) *FORMALDEHYDE
(HM) *PHENOLS
(HM) *POLYMERS
(II) MEMBRANES, ARTIFICIAL
(II) RESINS, SYNTHETIC
(NO) mixtures & polymers of phenols & formaldehyde

phenol hydroxylase see phenol 2-monooxygenase

phenolic acid
(RN) 29656-58-4
(HM) *HYDROXYBENZOIC ACIDS
(NO) RN given refers to cpd with unspecified locant for hydroxyl group

phenolic glycolipid I, Mycobacterium leprae
(SY) glycolipid I, M leprae
(HM) *GLYCOLIPIDS
(II) ANTIGENS, BACTERIAL
(II) MYCOBACTERIUM LEPRAE
(NO) triglycosyl diacylphthiocerol M. leprae-specific glycolipid antigen; distinguished by species-specific trisaccharide

phenolic resin see phenol-formaldehyde resin

phenolic steroid sulfotransferase see steroid sulfotransferase

phenol ion see phenoxy radical

phenol O-methyltransferase
(RN) EC 2.1.1.25
(RR) 37256-94-3 (CRN)
(HM) *METHYLTRANSFERASES
(NO) substrate phenols may be replaced by specific phenol as appropriate

phenol 2-monooxygenase
(RN) EC 1.14.13.7
(RR) 37256-84-1 (CRN)
(SY) phenol hydroxylase
(HM) *HYDROXYLASES
(NO) substrate phenols may be replaced by specific phenol

phenolphthalein
(RN) 77-09-8
(RR) 518-51-4 (di-Na salt)
(HM) *PHENOLPHTHALEINS
(NO) RN given refers to parent cpd

phenolphthalein diphosphate
(RN) 2090-82-6
(RR) 69815-55-0 (tetra-K salt)
(RR) 2090-82-6 (tetra-Na salt)
(HM) *PHENOLPHTHALEINS
(II) STAINS

phenolphthalein glucuronide
(RN) 15265-26-6
(RR) 6820-54-8 (Na salt)
(HM) *PHENOLPHTHALEINS
(NO) RN given refers to parent cpd

phenol sulfokinase see aryl sulfotransferase

phenol sulfotransferase see aryl sulfotransferase

phenol sulfotransferase M see aryl sulfotransferase

phenol sulfotransferase P see aryl sulfotransferase

phenopyrazone
(RN) 3426-01-5
(SY) venopyronum
(HM) PHENYLBUTAZONE/*analogs
(NO) structure

phenoro
(RN) 54650-04-3
(SY) Ro 8-8427
(SY) Ro-8-8427
(HM) *CAROTENE
(HM) CAROTENE/*analogs
(HM) DRUG COMBINATIONS
(NO) combination of canthaxanthin & beta-carotene

phenosafranine
(RN) 81-93-6
(SY) 3,7-diamino-5-phenylphenazinium chloride
(HM) *PHENAZINES
(II) DYES
(II) INDICATORS AND RECEPTORS
(NO) structure

phenothiazine
(RN) 92-84-2
(HM) *PHENOTHIAZINES
(NO) structure in Merck Index, 9th ed, #7052

phenothiazine-calmodulin complex
(SY) calmodulin-phenothiazine complex
(SY) CAPP(1)-calmodulin
(HM) *PHENOTHIAZINES
(HM) CALMODULIN/*analogs
(NO) covalent adduct of phenothiazine & calmodulin; has selective effect on its target proteins

phenothiazine receptor
(SY) phenothiazine receptors
(SY) thioproperazine receptors
(SY) receptor, phenothiazine
(HM) *RECEPTORS, DOPAMINE
(II) PHENOTHIAZINES
(II) THIOPROPERAZINE
(NO) thioproperazine (neuroleptic of phenothiazine family) used as ligand for neuroleptic receptors

phenothiazine receptors see phenothiazine receptor

d-phenothrin see phenothrin

phenothrin
(RN) 26002-80-2
(RR) 66036-31-5 ((1S-trans)-isomer)
(RR) 51186-88-0 ((1R-cis)-isomer)
(RR) 51186-87-9 ((cis-(+-))-isomer)
(RR) 51186-86-8 ((trans-(+-))-isomer)
(RR) 51134-88-4 ((1S-cis)-isomer)
(RR) 26046-85-5 ((1R-trans)-isomer)
(SY) S-2539
(SY) d-phenothrin
(SY) sumitrin
(SY) (3-phenoxyphenyl)methyl cis,trans-(+)-2,2-dimethyl-3-(2-methylpropenyl) cyclopropanecarboxylate
(HM) *PYRETHRINS
(PA) INSECTICIDES, BOTANICAL
(NO) RN given refers to cpd without isomeric designation; structure

phenoxarsine oxide
(RN) 58-36-6
(SY) 10,10'-oxybisphenoxarsine oxide
(HM) *ARSENICALS
(NO) structure

phenoxazine
(RN) 135-67-1
(RR) 261-77-8 (3H-phenoxazine)
(HM) *OXAZINES
(NO) RN given refers to 10H-phenoxazine

phenoxazinone
(RN) 1916-63-8
(SY) phenoxazone
(HM) *OXAZINES

phenoxazinone synthetase see 2-aminophenol oxidase

phenoxazone see phenoxazinone

phenoxethol see 2-phenoxyethanol

phenoxyacetic acid activating enzyme see phenylacetic acid activating enzyme

3-phenoxybenzoic acid
(RN) 3739-38-6
(HM) *BENZOATES

3-phenoxybenzyl 3-(2,2-dibromovinyl)-2,2-dimethylcyclopropanecarboxylate see NRDC 157

(m-phenoxybenzyl)-cis,trans-3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate see permethrin

phenoxybenzyl penicillin see phenbenicillin

3-phenoxybenzyl-cis,trans-(1RS)-3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate see permethrin

2-phenoxyethanol
(RN) 122-99-6
(SY) erisept
(SY) phenoxethol
(HM) *ETHYLENE GLYCOLS
(PA) ANTI-INFECTIVE AGENTS, LOCAL
(NO) structure

1-(2-phenoxyethyl)-2-nitroimidazole see RGW 609

N-(4-phenoxyethyl-1-piperazinomethyl)-1,4-benzodioxane-2-carboxamide dihydrochloride see MS 1-2

1-(1-(2-phenoxyethyl)-4-piperidyl)-2-benzimidazolone see oxiperomide

6-phenoxyhex-1-ene
(RN) 74972-56-8
(SY) 6-PHE
(HM) *PHENYL ETHERS
(NO) structure given in first source

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N-(6-phenoxyindan-5-yl) methanesulfonamide
(RN) 75370-30-8
(SY) 6-PIMS
(HM) *INDANS
(PA) ANTI-INFLAMMATORY AGENTS
(NO) structure given in first source

phenoxy ion see phenoxy radical

3-phenoxy-N-methylmorphinan
(SY) (-)-3-phenoxy-N-methylmorphinan
(HM) LEVORPHANOL/*analogs
(PA) ANALGESICS
(NO) new synthetic codeine substitute; structure in first source

(-)-3-phenoxy-N-methylmorphinan see 3-phenoxy-N-methylmorphinan

16-phenoxy-omega-17,18,19,20-tetranor-PGE2 methylsulfonylamide see sulprostone

(3-phenoxyphenyl)methyl cis,trans-(+)-2,2-dimethyl-3-(2-methylpropenyl)cyclopropanecarboxylate see phenothrin

4-phenoxy-3-pyrrolidin-1-yl-5-sulfamoylbenzoic acid see piretanide

phenoxy radical
(RN) 3229-70-7
(SY) phenoxy ion
(SY) phenol ion
(HM) *PHENOLS
(II) FREE RADICALS

5-phenoxysulfonyl-1-methyl-4-nitroimidazole see NSC 38087

16-phenoxytetranor-PGE2 methylsulfonylamide see sulprostone

phenprobamate
(RN) 673-31-4
(SY) 3-phenylpropylcarbamate
(SY) gamaquil
(HM) *CARBAMATES
(PA) MUSCLE RELAXANTS, CENTRAL
(NO) structure

phensuccimide see phensuximide

phensuximide
(RN) 86-34-0
(RR) 34367-67-4 ((+-)-isomer)
(SY) phensuccimide
(HM) *SUCCINIMIDES
(PA) ANTICONVULSANTS
(NO) major descriptor (73-84); on-line search SUCCINIMIDES (73-84); Index Medicus search PHENSUXIMIDE (73-84); RN given refers to cpd without isomeric designation

phenthoate
(RN) 2597-03-7
(RR) 61391-87-5 ((+)-isomer)
(RR) 61362-00-3 ((-)-isomer)
(RR) 61361-99-7 ((+-)-isomer)
(SY) O,O-dimethyl S-alpha-ethoxycarbonylbenzylphosphorodithioate
(SY) cidial
(SY) cidiale
(SY) phendal
(SY) elsan
(HM) *ORGANOTHIOPHOSPHORUS COMPOUNDS
(PA) INSECTICIDES, ORGANOTHIOPHOSPHATE
(NO) RN given refers to cpd without isomeric designation; structure

phenthoate oxon
(RN) 3690-28-6
(RR) 61361-96-4 ((+)-isomer)
(RR) 61361-95-3 ((-)-isomer)
(RR) 61392-24-3 ((+-)-isomer)
(HM) *ORGANOTHIOPHOSPHORUS COMPOUNDS
(PA) INSECTICIDES, ORGANOTHIOPHOSPHATE
(NO) RN given refers to cpd without isomeric designation

phentin acetate
(RN) 900-95-8
(SY) triphenyltin acetate
(SY) fentin acetate
(SY) tinestan
(HM) *ORGANOTIN COMPOUNDS
(PA) FUNGICIDES, INDUSTRIAL
(PA) TERATOGENS
(NO) see also triphenyltin hydroxide.; structure

phentolamine mesylate
(RN) 65-28-1
(SY) phentolamine methanesulfonate
(HM) PHENTOLAMINE/*analogs

phentolamine methanesulfonate see phentolamine mesylate

phentonium see fentonium

phentyrin
(RN) 857-95-4
(RR) 56348-18-6 (di-HCl)
(SY) Fentirin
(SY) O-4-di(2-(chloroethyl)aminophenyl)-D,L-tyrosine
(HM) *NITROGEN MUSTARD COMPOUNDS
(NO) Russian drug; RN given refers to parent cpd; structure

phenuron see phenacemide

phenybut see 4-amino-3-phenylbutyric acid

phenylacetaldehyde
(RN) 122-78-1
(HM) ACETALDEHYDE/*analogs
(II) OILS, VOLATILE

7-phenylacetamidodeacetoxycephalosporanic acid
(RN) 27910-29-8
(SY) delta(3)-7 alpha-phenylacetamidodesacetoxycephalosporanic
(SY) 7-phenylacetamidodesacetoxycephalosporanic acid
(HM) *CEPHALOSPORINS

7-phenylacetamidodesacetoxycephalosporanic acid see 7-phenylacetamidodeacetoxycephalosporanic acid

phenylacetate see phenylacetic acid

phenylacetic acid
(RN) 103-82-2
(RR) 52009-49-1 (Ca salt)
(RR) 50961-23-4 (carboxy-(11)C-labeled cpd Na salt)
(RR) 19851-15-1 (Rb salt)
(RR) 19851-14-0 (Cs salt)
(RR) 19287-75-3 (Hg salt)
(RR) 15082-44-7 (Li salt)
(RR) 13005-36-2 (K salt)
(RR) 7188-16-1 (NH4 salt)
(RR) 114-70-5 (Na salt)
(SY) phenylacetate
(SY) sodium phenylacetate
(HM) *PHENYLACETATES
(NO) RN given refers to parent cpd

phenylacetic acid activating enzyme
(RN) EC 6.2.1.-
(SY) phenoxyacetic acid activating enzyme
(HM) *COENZYME A SYNTHETASES

phenylacetic dipalmitate
(RN) 83800-25-3
(SY) PADP
(HM) *PHENYLACETATES
(NO) used in test for exocrine pancreatic function

phenylacetic mustard see phenacid

phenylacetone see 1-phenyl-2-propanone

phenylacetyl-CoA see phenylacetyl-coenzyme A

phenylacetyl-coenzyme A
(RN) 7532-39-0
(SY) phenylacetyl-CoA
(SY) coenzyme A, phenylacetyl
(HM) ACETYL COENZYME A/*analogs

phenylacetylene
(RN) 536-74-3
(HM) ACETYLENE/*analogs

N-(phenylacetyl)fumaramide see fumaramidmycin

phenylacetylglutamine
(RN) 28047-15-6
(HM) GLUTAMINE/*analogs

phenylacetylglycine
(RN) 500-98-1
(SY) phenaceturic acid
(HM) GLYCINE/*analogs

N-phenylacetylphenylalanine
(RN) 738-75-0
(RR) 54076-39-0 ((D)-isomer)
(SY) N-phenylacetyl-L-phenylalanine
(HM) PHENYLALANINE/*analogs
(NO) potentially useful in treatment of sickle cell anemia; RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 7/84

N-phenylacetyl-L-phenylalanine see N-phenylacetylphenylalanine

(phenylacetyl)urea see phenacemide

phenyladamantylpiperidine
(RN) 72241-99-7
(RR) 84279-47-0 (HCl)
(HM) PHENCYCLIDINE/*analogs
(HM) ADAMANTANE/*analogs
(NO) rigid adamantanyl analog of phencyclidine; RN given refers to parent cpd; structure given in first source

phenyl agarose see phenyl-sepharose

7-phenylalanine-ACTH(4-10) see ACTH(4-10), Phe(7)-

L-phenylalanine amide
(RN) 5241-58-7
(HM) PHENYLALANINE/*analogs
(NO) inhibits an isoenzyme of alkaline phosphatase; RN in Chemline for HCl: 65864-22-4; RN for D-(R)-isomer: 5241-59-8; RN for unspecified isomer: 60058-39-1

phenylalanine aminotransferase
(RN) EC 2.6.1.-
(SY) phenylalanine transaminase
(HM) *AMINOTRANSFERASES

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phenylalanine O-benzyl ester
(RN) 962-39-0
(RR) 1738-78-9 (4-toulenesulfonate)
(RR) 25282-*3-5 ((DL)-isomer)
(RR) 58780-66-8 (HCl(DL)-isomer)
(HM) PHENYLALANINE/*analogs
(PA) ANTISICKLING AGENTS
(NO) RN given refers to cpd without isomeric designation

phenylalanine deaminase see L-amino acid oxidase

phenylalanine desaminase see phenylalanine oxidase

phenylalanine (histidine) aminotransferase
(RN) EC 2.6.1.58
(RR) 72560-98-6 (CRN)
(SY) pyruvate aminotransferase
(SY) phenylalanine-pyruvate aminotransferase
(HM) *AMINOTRANSFERASES

phenylalanine hydroxylase cofactor see 5,6,7,8-tetrahydrobiopterin

phenylalanine (B24)insulin see insulin, supernormal

phenylalanine methyl ester
(RN) 2577-90-4
(RR) 21685-51-8 ((D)-isomer)
(RR) 15028-44-1 ((DL)-isomer)
(RR) 13033-84-6 (HCl(D)-isomer)
(RR) 7524-50-7 (HCl(L)-isomer)
(SY) methyl phenylalanine
(SY) L-phenylalanyl methyl ester
(HM) PHENYLALANINE/*analogs
(NO) RN given refers to (L)-isomer; cpd without isomeric designation not in Chemline 7/15/83

11-phenylalanine-neurotensin see neurotensin, Phe(11)-

phenylalanine p-nitroanilidase
(RN) EC 3.4.11.-
(HM) *AMINOPEPTIDASES

L-phenylalanine oxidase see phenylalanine oxidase

phenylalanine oxidase
(RN) EC 1.4.3.-
(SY) phenylalanine desaminase
(SY) L-phenylalanine oxidase
(HM) *AMINO ACID OXIDOREDUCTASES
(NO) forms phenylpyruvate in the presence of air

L-phenylalanine, N-(N-phosphono-L-leucyl)- see phosphorylleucylphenylalanine

D-phenylalanine-proline-arginine methyl chloride see phenylalanyl-prolyl-arginine methyl chloride

phenylalanine-pyruvate aminotransferase see phenylalanine (histidine) aminotransferase

phenylalanine racemase see phenylalanine racemase (ATP-hydrolyzing)

phenylalanine racemase (ATP-hydrolyzing)
(RN) EC 5.1.1.11
(SY) phenylalanine racemase
(SY) gramicidin S synthase 1
(HM) *AMINO ACID ISOMERASES

phenylalanine-rich acidic protein I-a see nerve tissue protein S 100a

phenylalanine-rich acidic protein I-b see nerve tissue protein S 100b

4-phenylalanine somatostatin see somatostatin, 4-Phe-

phenylalanine transaminase see phenylalanine aminotransferase

phenylalanine transfer RNA see tRNA, phenylalanine-

phenylalanine-tRNA see tRNA, phenylalanine-

phenylalaninol
(RN) 16088-07-6
(RR) 5267-64-1 ((R)-isomer)
(RR) 3182-95-4 ((S)-isomer)
(RR) 13893-59-9 (HBr)
(HM) PHENYLALANINE/*analogs
(NO) inhibits intestinal absorption of phenylalanine; RN given refers to cpd with unspecified stereochemistry

2'-O-L-phenylalanyladenosine
(RN) 26545-82-4
(SY) 2'-Phe-Ado
(HM) ADENOSINE/*analogs
(NO) RN given refers to 2'(or 3')-cpd; structure in first source

3'-O-L-phenylalanyladenosine
(RN) 5956-81-0
(SY) 3'-Phe-Ado
(HM) ADENOSINE/*analogs
(NO) structure in first source

phenylalanyl adenylate
(RN) 35874-27-2
(RR) 54515-51-4 (3H-labeled cpd)
(SY) Phe-pA
(HM) ADENOSINE MONOPHOSPHATE/*analogs
(NO) RN given refers to (L)-isomer; cpd without isomeric designation not in Chemline 7/18/83

phenylalanylalanine
(RN) 3918-87-4
(RR) 76612-31-2 ((D-Ala-Phe)-isomer)
(SY) Phe-Ala
(SY) L-phenylalanyl-L-alanine
(HM) *DIPEPTIDES
(PA) ANALGESICS
(NO) RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 11/30/83

L-phenylalanyl-L-alanine see phenylalanylalanine

2-D-phenylalanyl-6-D-alanine-LHRH see LHRH, Phe(2)-Ala(6)-

phenylalanyl-alanyl-arginine chloromethyl ketone
(RN) 65319-55-3
(SY) Phe-Ala-Arg-chloromethyl ketone
(SY) Phe-Ala-Arg-CK
(HM) *AMINO ACID CHLOROMETHYL KETONES
(NO) urokinase active site inhibitor

4-phenylalanylaminoantipyrine
(RN) 62989-74-6
(RR) 62723-88-0 ((S)-isomer)
(SY) 4-Phe-AP
(HM) AMINOPYRINE/*analogs
(NO) RN given refers to (+-)-isomer; RN for cpd without isomeric designation not in Chemline 12/84

N-L-phenylalanyl-L-2-amino-1-phenylpropane
(RN) 61925-94-8
(HM) PHENYLALANINE/*analogs
(NO) RN given refers to (S-(R*,R*))-isomer; RN for cpd without isomeric designation not in Chemline 7/15/83; structure in first source

phenylalanyl-3-aminopyridine
(SY) L-phenylalanyl-3-aminopyridine
(HM) PHENYLALANINE/*analogs
(NO) potentially useful in treatment of sickle cell anemia

L-phenylalanyl-3-aminopyridine see phenylalanyl-3-aminopyridine

phenylalanyl-AMP anhydride
(SY) Phe-AMP anhydride
(HM) ADENOSINE MONOPHOSPHATE/*analogs

2-phenylalanyl-8-arginine vasopressin see phenypressin

phenylalanyl-arginyl-tryptophyl-glycine see ACTH(7-10)

2-phenylalanyl-3-(4-azido)phenylalanyl-arginine vasopressin see vasopressin, 2-Phe-3-(4-azido)Phe-Arg-

7-phenylalanyl-corticotropin (4-10) see ACTH(4-10), Phe(7)-

phenylalanyldiiodotyrosine see MSH potentiating factor

phenylalanyl-diiodotyrosine see MSH potentiating factor

phenylalanylglutamate
(RN) 3617-45-6
(SY) Phe-Glu
(HM) *DIPEPTIDES
(NO) RN given refers to all L-isomer; RN for cpd without isomeric designation not in Chemline 7/84

L-phenylalanylglycine see phenylalanylglycine

phenylalanylglycine
(RN) 4294-26-2
(RR) 721-90-4 ((L)-isomer)
(SY) Phe-GLy
(SY) L-phenylalanylglycine
(HM) *DIPEPTIDES
(NO) RN given refers to (DL)-isomer; RN for cpd without isomeric designation not in Chemline 4/84

2-(phenylalanylglycyl)amino-3-(4-nitrophenyl)-1,3-propanediol
(SY) PG-chloramphenicol
(HM) CHLORAMPHENICOL/*analogs
(NO) structure given in first source

phenylalanyl-glycyl-glycine
(RN) 23576-42-3
(SY) Phe-Gly-Gly
(HM) *OLIGOPEPTIDES
(NO) RN given refers to (L-PHe)-isomer; RN for cpd without isomeric designation not in Chemline 2/85

phenylalanylhistidine see histidylphenylalanine

phenylalanyl-leucyl-gamma-methylglutamyl- glutamyl-valine
(SY) Phe-Leu-4-MeGlu-Glu-Val
(SY) PLMGGV
(HM) *OLIGOPEPTIDES

phenylalanyl-leucyl-glutamyl-glutamyl-isoleucine
(SY) Phe-Leu-Glu-Glu-Ile
(SY) PLGGI
(HM) *OLIGOPEPTIDES
(NO) exogenous substrate of vitamin K-dependent carboxylase

phenylalanyl-leucyl-prolyl-isoleucyl-tyrosyl-arginyl-arginyl-prolyl-alanyl-serylamide see granuliberin R

phenylalanyl-lysyl-phenylalanine
(RN) 63472-64-0
(RR) 83753-50-8 ((D-Phe-L-Lys)-isomer)
(SY) Phe-D-Lys-Phe
(SY) PDLP
(HM) *OLIGOPEPTIDES
(NO) COOH-terminal tripeptide of ORG 2766; RN given refers to (L-Phe-L-Phe-D-Lys)-isomer; RN for cpd without isomeric designation not in Chemline 8/1/83

phenylalanyl-methionyl-arginyl-phenylalaninamide see FMRFamide

L-phenylalanyl methyl ester see phenylalanine methyl ester

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2-phenylalanyl-4-norleucine-ACTH(1-24) see ACTH(1-24), Phe(2)-Nle(4)-

phenylalanyl-norleucyl-arginyl-phenylalaninamide
(SY) Phe-Nle-Arg-Phe-NH2
(SY) FNLRF amide
(HM) *OLIGOPEPTIDES

phenylalanylphenylalanine
(RN) 2577-40-4
(RR) 58607-69-5 ((D,D)-isomer)
(RR) 68800-30-6 (mono-HCl(L,L)-isomer)
(SY) Phe-Phe
(HM) *DIPEPTIDES
(NO) RN given refers to (L,L)-isomer; RN for cpd without isomeric designation not in Chemline 7/18/83

phenylalanyl-phenylalanine-tRNA see tRNA, phenylalanylphenylalanine-

phenylalanyl-phenylalanyl-glycine
(RN) 75539-83-2
(RR) 67412-80-0 (all L-isomers)
(SY) Phe-Phe-Gly
(HM) *OLIGOPEPTIDES
(PA) ANTIVIRAL AGENTS
(NO) RN given refers to (D-Phe-L-Phe)-isomer; RN for cpd without isomeric designation not in Chemline 5/85

phenylalanyl-phenylalanyl-phenylalanine
(RN) 2578-81-6
(SY) Phe-Phe-Phe
(SY) tri-L-phenylalanine
(HM) *OLIGOPEPTIDES
(NO) RN given refers to all (L)-isomer; RN for cpd without isomeric designation not in Chemline 5/84

D-phenylalanyl-prolyl-arginine see GYKI 14,166

phenylalanyl-prolyl-arginine-5-amidoisophthalic acid dimethyl see phenylalanyl-prolyl-arginyl-5-amidoisophthalic acid dimethyl ester

D-phenylalanyl-prolyl-arginine-5-aminoisophthalic acid dimethyl ester see phenylalanyl-prolyl-arginyl-5-amidoisophthalic acid dimethyl ester

phenylalanyl-prolyl-arginine chloromethyl ketone
(RN) 65149-23-7
(SY) FPRMeCl
(SY) D-Phe-Pro-Arg-chloromethyl ketone
(HM) *AMINO ACID CHLOROMETHYL KETONES
(PA) THROMBIN/antag

phenylalanyl-prolyl-arginine methyl chloride
(RN) 71142-71-7
(SY) D-Phe-Pro-Arg CH2Cl
(SY) D-phenylalanine-proline-arginine methyl chloride
(SY) Phe-Pro-Arg-methyl chloride
(HM) *OLIGOPEPTIDES
(II) AFFINITY LABELS
(NO) selective affinity label for thrombin

phenylalanyl-prolyl-arginyl-5-amidoisophthalic acid dimethyl ester
(RN) 74503-72-3
(SY) dimethyl phenylalanine-proline-arginine-5-amidoisophthalate
(SY) PPAAP
(SY) DPPAAP
(SY) D-phenylalanyl-prolyl-arginine-5-aminoisophthalic acid dimethyl ester
(SY) Phe-Pro-Arg-5-amidoisophthalic acid dimethyl ester
(SY) phenylalanyl-prolyl-arginine-5-amidoisophthalic acid dimethyl
(HM) *PHTHALIC ACIDS
(II) FLUORESCENT DYES
(NO) fluorogenic synthetic peptide substrate for thrombin; used to determine heparin levels in human plasma

phenylalanyl-prolyl-arginyl-3-carboxy-4-hydroxyaniline see PS 915

2-phenylalanyl-3-prolyl-6-phenylalanine-GnRH see LHRH, Phe(2)-Pro(3)-Phe(6)-

2-phenylalanyl-3-prolyl-6-phenylalanine-LHRH see LHRH, Phe(2)-Pro(3)-Phe(6)-

phenylalanyl-prolyl-prolyl-tryptophanyl-methioninamide see Met(5)-pentatryptophyllin-5-amide

phenylalanyl relaxin
(SY) Phe relaxin
(SY) phenylalanyl-A relaxin
(HM) RELAXIN/*analogs
(NO) isolated from pig ovaries

phenylalanyl-A relaxin see phenylalanyl relaxin

phenylalanyl-tRNA see tRNA, phenylalanine-

phenylalanyl-tRNA(Phe) see tRNA, phenylalanylphenylalanine-

5-phenylalanyl-7,9-tryptophanyl-11-leucine-substance P see substance P, Phe(5)-Trp (7,9)-Leu(11)-

2-phenylalanyl-3-tryptophanyl-6-phenylalanine-LHRH see LHRH, Phe(2)-Trp(3)-Phe(6)-

phenylalanyl-tryptophyl-lysyl-threonine see somatostatin(7-10)

4-phenylalanyl-6-valine-antamanide see antamanide, Phe(4)-Val(6)-

phenyl-alpha-L-iduronide
(RN) 39031-71-5
(SY) PLIDN
(HM) *IDURONIC ACID/analogs
(NO) substrate for alpha-L-iduronidase

2-phenylaminoadenosine
(RN) 53296-10-9
(SY) CV 1808
(SY) CV-1808
(HM) ADENOSINE/*analogs
(PA) VASODILATOR AGENTS
(NO) has coronary & cardiohemodynamic effects

7-(3-((2-((phenylamino)carbonyl)hydrazino)methyl)-7-oxabicyclo(2.2.1)hept-2-yl)-5-heptenoic acid see SQ 29,548

1-phenyl-1-aminoethylamine see 1-phenyl-1-aminomethylethene

phenyl-2-aminoethyl sulfide
(RN) 2014-75-7
(RR) 35164-88-6 (conjugate acid)
(SY) PAES
(SY) phenylthioethylamine
(HM) *ETHYLAMINES
(PA) ANTINEOPLASTIC AGENTS
(NO) dopamine-beta-hydroxylase substrate; structure given in first source

1-phenyl-1-aminomethylethene
(RN) 28144-67-4
(SY) PAME
(SY) 1-phenyl-1-aminoethylamine
(HM) *PHENETHYLAMINES
(PA) DOPAMINE BETA-HYDROXYLASE/antag
(NO) structure given in first source

5-phenyl-2-aminopyridine see 5-phenyl-2-pyridinamine

phenyl 4-aminosalicylate
(RN) 133-11-9
(SY) 4-aminosalicylic acid phenyl ester
(SY) para-aminosalicylic acid phenyl ester
(HM) *P-AMINOSALICYLIC ACID/analogs

phenylarsine oxide see oxophenylarsine

phenylazide
(RN) 622-37-7
(SY) azidobenzene
(HM) *AZIDES
(II) INDICATORS AND REAGENTS
(NO) photosensitive hydrophobic non-polar probe; photolabeling agent

4-phenylazo-carbobenzoxyprolyl-leucyl-glycyl-prolyl-arginine see PZ-peptide

1-phenylazo-2-naphthol-6,8-disulfonic acid,di-Na salt see Orange G

1-phenylazo-2-naphthol-6-sulfonic acid see acid orange 12

1-phenylazo-2-naphthol
(RN) 842-07-9
(RR) 52882-77-6 (cpd with unspecified locant for phenylazo moiety)
(RR) 40339-35-3 ((E)-isomer)
(RR) 56465-63-5 (1-(phenylazo)-2-(15)N-labeled cpd)
(RR) 42862-31-7 (cpd with unspecified locant for phenylazo moiety)
(RR) 66757-53-7 (Na salt)
(RR) 68930-64-3 (1-(phenylazo-1-(15)N)-labeled cpd)
(RR) 71351-99-0 ((Z)-isomer)
(RR) 71884-91-8 (ion(1-))
(SY) Sudan I
(SY) CI 12055
(SY) Solvent Yellow 14
(HM) *NAPHTHOLS
(PA) CARCINOGENS
(II) ALLERGENS
(NO) RN given refers to cpd without isomeric designation

1-phenylazo-2-naphthylamine
(RN) 85-84-7
(HM) *AZO COMPOUNDS

N-p-phenylazophenylcarbamylcholine iodide see EW-1

2-phenylbenzimidazole-5-sulfonic acid
(RN) 27503-81-7
(RR) 5997-53-5 (mono-Na salt)
(SY) novantisol
(HM) *BENZIMIDAZOLES
(II) SUNSCREENING AGENTS
(NO) structure given in first source

3-phenyl-5,6-benzocoumarin
(HM) *COUMARINS
(PA) ANTICOAGULANTS
(II) FLUORESCENT DYES

4-phenylbenzoic acid
(RN) 92-92-2
(RR) 62698-50-4 (K salt)
(RR) 51317-27-2 (cpd with unspecified locant for carboxylic moiety)
(RR) 66642-03-3 (cpd with unspecified locant for carboxylic moiety Na salt)
(SY) para phenyl benzoic acid
(HM) *BIPHENYL COMPOUNDS
(PA) ANTI-INFLAMMATORY AGENTS
(NO) RN given refers to 4-carboxylic cpd

2-phenyl-1,2-benzoisoselenazol-3(2H)-one see PZ 51

phenylbenzoquinone
(RN) 363-03-1
(RR) 25483-71-0 (ion(1-))
(SY) phenylquinone
(SY) phenyl-4-quinone
(SY) phenyl-1,4-quinone
(HM) *QUINONES
(NO) RN given refers to parent cpd

1-(D-3-phenyl-beta-alanine)edeine A1 see edeine D

1-(D-3-phenyl-beta-alanine)edeine B1 see edeine F

phenyl beta-naphthylamine see Neozone

2-phenyl-3-p-(beta-pyrrolidinoethoxy)phenyl-6-methoxybenzofuran hydrochloride see 2-phenyl-3-4-(beta-pyrrolidinoethoxy)phenyl-6-methoxybenzofuran

2-phenyl-3-p-(beta-pyrrolidinoethoxy)phenyl-6-methoxybenzofuran see 2-phenyl-3-4-(beta-pyrrolidinoethoxy)phenyl-6-methoxybenzofuran

2-phenyl-3-4-(beta-pyrrolidinoethoxy) phenyl-6- methoxybenzofuran
(RN) 3333-85-5
(SY) 2-phenyl-3-p-(beta-pyrrolidinoethoxy)phenyl-6-methoxybenzofuran hydrochloride
(SY) 2-phenyl-3-p-(beta-pyrrolidinoethoxy)phenyl-6-methoxybenzofuran
(HM) *BENZOFURANS
(II) CONTRACEPTIVES, ORAL
(II) CONTRACEPTIVES, POSTCOITAL
(NO) RN given refers to HCl; RN for parent cpd not in Chemline 7/19/83

2-phenyl-3-p-(beta-pyrrolidinoethoxy)phenyl-(2-1,b)-naphthofuran see 2-phenyl-3-4-(beta-pyrrolidinoethoxy)phenyl-(2-1,b)-naphthofuran

2-phenyl-3-4-(beta-pyrrolidinoethoxy) phenyl-(2-1,b)-naphthofuran
(SY) PPEPNF
(SY) 2-phenyl-3-p-(beta-pyrrolidinoethoxy)phenyl-(2-1,b)-naphthofuran
(HM) *FURANS
(II) CONTRACEPTIVES, ORAL
(II) CONTRACEPTIVES, POSTCOITAL
(NO) structure

3-phenylbicyclo(3.2.1)oct-3-en-2-amine
(RN) 75590-28-2
(SY) exo-3-phenylbicyclo(3.2.1)oct-3-en-2-amine
(SY) 3-PBOEA
(HM) *BICYCLO COMPOUNDS
(PA) ANALGESICS
(NO) structure given in first source

phenyl biguanide
(RN) 102-02-3
(RR) 55-57-2 (mono-HCl)
(RR) 40297-38-9 (di-HCl)
(RR) 38482-60-9 (HCl)
(SY) phenyldiguanide
(SY) N-phenyl-N'-guanylguanidine
(SY) phenyl diguanide
(HM) *BIGUANIDES
(PA) ANTIDIABETICS
(NO) RN given refers to parent cpd

phenylboronate see benzeneboronic acid

phenylboronic acid see benzeneboronic acid

phenylboronic acid see benzeneboronic acid

phenylboronic acid-agarose see phenylboronic acid-sepharose

phenylboronic acid-sepharose
(RN) 74188-11-7
(SY) benzeneboronic acid-agarose
(SY) phenylboronic acid-agarose
(HM) SEPHAROSE/*analogs
(NO) used in affinity chromatography of membrane proteins

1-phenyl-1-butene
(RN) 824-90-8
(RR) 1005-64-7 ((trans)-isomer)
(HM) *ALKENES
(NO) RN given refers to parent cpd without isomeric designation

4-phenylbutenone see benzylideneacetone

1-phenyl-4-n-butyl-3,5-dioxopyrazolidine see monophenylbutazone

2-phenylbutyrate-ethanolamine salt see cetamiphen

2-phenylbutyric acid
(RN) 1009-67-2
(HM) *PHENYLBUTYRATES

1-(2-phenylbutyryl)-3-methylurea
(SY) 1-PBMU
(HM) *METHYLUREA COMPOUNDS
(NO) induces cytochrome P-450-dependent fatty acid monooxygenase in Bacillus megaterium; structure given in first source

(2-phenylbutyryl)urea see ethylphenacemide

N-phenylcarbamoyl-3-(beta-phenylisopropyl)sydnonimine see sidnocarb

1-phenyl-2-carbamoylethylgermanium sesquioxide
(SY) PCAGEO
(HM) *ORGANOMETALLIC COMPOUNDS
(HM) *GERMANIUM
(PA) ANTINEOPLASTIC AGENTS
(NO) structure given in first source

1-phenyl-2-carbamoylethyl-germanium sesquisulfide
(SY) PCAGES
(HM) *ORGANOMETALLIC COMPOUNDS
(HM) *GERMANIUM
(PA) ANTINEOPLASTIC AGENTS
(NO) structure given in first source

5-(N-phenylcarboxamido)-2-thiobarbituric acid see NSC 336628

phenyl chloroformate
(RN) 1885-14-9
(HM) *CHLOROBENZOATES

2-phenyl-4-(p-chlorophenyl)thiazol-5-ylacetic acid see fentiazac

phenylcyclohexene see 1-phenylcyclohex-1-ene

1-phenylcyclohex-1-ene
(RN) 771-98-2
(SY) phenylcyclohexene
(HM) *CYCLOHEXANES
(NO) RN in Chemline for cpd without designation of unsaturation: 31017-40-0

5-(1-phenylcyclohexylamine valeraldehyde)
(RN) 77160-51-7
(HM) PHENCYCLIDINE/*analogs
(NO) phencyclidine metabolite

1-phenylcyclohexylamine
(RN) 2201-24-3
(RR) 66568-90-9 (3H-labeled cpd)
(RR) 1934-71-0 (HCl)
(HM) *CYCLOHEXYLAMINES
(NO) RN given refers to parent cpd

5-(N-(1'-phenylcyclohexyl)amino) pentanoic acid
(RN) 77160-83-9
(SY) 5-PCHAP
(SY) 5-(1-phenylcyclohexylamino)valeric acid
(HM) PHENCYCLIDINE/*analogs
(NO) major metabolite of phencyclidine in dog with little, if any, association with effect of phencyclidine on locomotor activity; structure in first source

5-(1-phenylcyclohexylamino)valeric acid see 5-(N-(1'-phenylcyclohexyl)amino)pentanoic acid

1-(1-phenylcyclohexyl)-4-methylpiperidine hydrochloride see 1-(1-phenylcyclohexyl)-4-methylpiperidine

1-(1-phenylcyclohexyl)-3-methylpiperidine
(RN) 2201-41-4
(RR) 79923-53-8 ((+)-isomer)
(RR) 79923-54-9 ((-)-isomer)
(RR) 2185-94-6 (HCl)
(SY) PCMP
(HM) PHENCYCLIDINE/*analogs
(PA) SYMPATHOMIMETICS
(NO) RN given refers to cpd without isomeric designation 7/29/83

1-(1-phenylcyclohexyl)-4-methylpiperidine
(RN) 2201-42-5
(RR) 1934-50-5 (HCl)
(SY) 1-(1-phenylcyclohexyl)-4-methylpiperidine hydrochloride
(HM) PHENCYCLIDINE/*analogs
(II) STREET DRUGS
(NO) RN given refers to parent cpd

1-(1-phenylcyclohexyl)-4-phenyl-4-piperidinol
(RN) 77179-39-6
(SY) 1-PCP-PP
(SY) PCP-4-Ph-4-OH
(HM) PHENCYCLIDINE/*analogs
(PA) ANALGESICS
(NO) structure given in first source

1-(1-phenylcyclohexyl)pyrrolidine
(RN) 2201-39-0
(RR) 1934-48-1 (HCl)
(SY) PHP
(HM) PHENCYCLIDINE/*analogs
(PA) HALLUCINOGENS
(NO) pyrrolidine analog of phencyclidine; RN given refers to parent cpd; structure

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N-(1-phenylcyclohexyl)-1,2,3,4-tetrahydropyridine
(RN) 85089-73-2
(SY) PCHTP
(HM) PHENCYCLIDINE/*analogs
(NO) phencyclidine metabolite; structure given in first source

N-(cis-2-phenylcyclopentyl)azacyclotridecan-2-imine. HCl see RMI 12330 A

1-phenylcyclopropylamine
(RN) 73930-39-9
(RR) 95216-83-4 (14C-labeled cpd HCl)
(HM) *CYCLOPROPANES
(PA) MONOAMINE OXIDASE INHIBITORS
(NO) RN given refers to HCl; RN for parent cpd not available 7/85

S-phenylcysteine see beta-phenylcysteine

3-phenylcysteine see beta-phenylcysteine

phenyldiazene
(RN) 931-55-5
(SY) p-phenylenediimine
(SY) 4-phenylenediimine
(HM) *IMINES
(NO) structure

phenyldicarbaundecaborane
(RN) 51434-88-9
(HM) *BORON COMPOUNDS
(NO) penetrating anion probe which does not bind potassium; used in study of membrane potentials; minor descriptor (75-83); on-line & Index Medicus search BORON COMPOUNDS (75-83)

4-phenyl-5,5-dicarbethoxy-2-pyrrolidinone
(RN) 13992-75-1
(SY) PDCP
(HM) *PYRROLIDINONES
(NO) structure given in first source

1-(3-phenyl)-3,3-diethyltriazene
(RN) 13056-98-9
(SY) PHDAT
(HM) *TRIAZENES
(PA) CARCINOGENS
(NO) structure given in first source

1,4-phenyldiglyoxal
(RN) 2673-16-7
(HM) *PHENYLGLYOXAL/analogs
(NO) structure

phenyl diguanide see phenyl biguanide

phenyldiguanide see phenyl biguanide

phenyl dimethicone
(RN) 9005-12-3
(SY) phenyl simethicone
(HM) *SIMETHICONE/analogs
(NO) vehicle in sunscreening agent; can cause contact dermatitis

1-phenyl-2,3-dimethyl-4-(2'-phenyl-3'-methylmorpholinomethyl)pyrazolone see morazone

phenyl N,N'-dimethylphosphorodiamidate see diamidfos

2-phenyl-5,5-dimethyltetrahydro-1,4-oxazine see GP 130

1-phenyl-3,3-dimethyltriazene
(RN) 7227-91-0
(SY) PDT
(SY) 3,3-dimethyl-1-phenyltriazene
(HM) *TRIAZENES
(PA) ANTINEOPLASTIC AGENTS
(PA) MUTAGENS
(PA) CARCINOGENS
(NO) structure

3-phenyl-1,1-dimethylurea see fenuron

2-phenyl-5,7-dioxyacetate-benzo- gamma-pyrone see flavodic acid

3-(phenyldithio)propionimidate
(SY) PDTPI
(HM) *DISULFIDES
(II) INDICATORS AND REAGENTS
(NO) reagent for introducing sulfhydryl groups into proteins; structure given in first source

2-phenylene-bis-dimethylarsine
(RN) 13246-32-7
(SY) diArs
(HM) *ARSENICALS

o-phenylene bismaleimide see N,N'-2-phenylenedimaleimide

p-N,N'-phenylenebismaleimide see N,N'-4-phenylenedimaleimide

4,4'-(p-phenylenebis(methyleneimino))bis-3- isoxazolidone see terizidone

o-phenylenediamine see 1,2-diaminobenzene

p-phenylenediamine see 4-phenylenediamine

phenylenediamine mustard
(RN) 2067-58-5
(RR) 945-68-6 (mono-HCl)
(HM) *NITROGEN MUSTARD COMPOUNDS
(PA) ANTINEOPLASTIC AGENTS
(NO) RN given refers to parent cpd

p-phenylenediamine oxidase see 4-phenylenediamine oxidase

4-phenylenediamine oxidase
(RN) EC 1.4.-
(SY) polyphenylenediamine oxidase
(SY) PPD oxidase
(SY) p-phenylenediamine oxidase
(HM) *AMINE OXIDOREDUCTASES
(NO) when used as assay for ceruloplasmin, index *CERULOPLASMIN

4-phenylenediamine
(RN) 106-50-3
(RR) 62654-17-5 (monooxalate)
(RR) 16245-77-5 (monosulfate)
(RR) 624-18-0 (di-HCl)
(RR) 540-24-9 (mono-HCl)
(RR) 11069-42-4 (ion(1+))
(RR) 24827-80-3 (diperchlorate)
(RR) 56502-46-6 (mono-HI)
(RR) 19217-44-8 (mono-HBr)
(RR) 22755-08-4 (monoperchlorate)
(RR) 60904-43-0 (ion(1+).bromide)
(RR) 50994-40-6 (sulfate)
(SY) paraphenylenediamine
(SY) p-phenylenediamine
(SY) ursol-D
(SY) para-phenylenediamine
(HM) *PHENYLENEDIAMINES
(NO) agent hair dye responsible for contact dermatitis; RN given refers to parent cpd

p-phenylenediimine see phenyldiazene

4-phenylenediimine see phenyldiazene

phenylene diisothiocyanate see bitoscanate

1,4-phenylenediisothiocyanate
(RN) 104-49-4
(HM) *THIOCYANATES

N,N'-o-phenylenedimaleimide see N,N'-2-phenylenedimaleimide

N,N'-p-phenylenedimaleimide see N,N'-4-phenylenedimaleimide

N,N'-2-phenylenedimaleimide
(RN) 13118-04-2
(RR) 35465-54-4 (cpd with unspecified locant for phenylene moiety)
(RR) 35283-96-6 (homopolymer)
(SY) N,N'-o-phenylenedimaleimide
(SY) o-phenylene bismaleimide
(HM) *MALEIMIDES
(II) CROSS-LINKING REAGENTS
(NO) RN given refers to 2-phenylene-cpd

N,N'-4-phenylenedimaleimide
(RN) 3278-31-7
(SY) p-N,N'-phenylenebismaleimide
(SY) para-phenylene-N,N'-bis(maleimide)
(SY) N,N'-p-phenylenedimaleimide
(HM) *MALEIMIDES
(II) CROSS-LINKING REAGENTS

N,N'-(p- phenylenedimethylene)-bis(2,2-dichloro-N- (2-ethoxyethyl)acetamide see teclozan

1-phenyl-1,2-epoxybutane see beta-ethylstyrene oxide

phenylethane boronic acid
(RN) 34420-17-2
(SY) PEBA
(HM) *BORONIC ACIDS

phenylethanediol see styrene glycol

1-phenyl-1,2-ethanediol see styrene glycol

phenylethanolamine see N-phenylethanolamine

N-phenylethanolamine
(RN) 122-98-5
(SY) 2-anilinoethanol
(SY) phenylethanolamine
(HM) *ETHANOLAMINES

1-phenylethanol see methylphenyl carbinol

phenyl ether
(RN) 101-84-8
(SY) diphenyl ether
(HM) *PHENYL ETHERS

2-phenyl-(6-ethoxybenzothiazolyl-2-thio)propionic acid see EMD 34853

1-(2-phenyl-2-ethoxy)ethyl-4-(2-benzyloxy) propylpiperazine see eprazinone

1-(2-phenyl-2-ethoxy)ethyl-4-(3-phenyl-2-methyl-3-propanone)piperazine see eprazinone

phenylethylacetylurea see ethylphenacemide

2-phenylethylamine see phenethylamine

3-((S)-1'-phenylethylamino)propylaminobleomycin see pepleomycin

N-phenylethylanthranilic acid see Tromaril

2-(phenylethylhydrazono)propionic acid
(RN) 66700-68-3
(HM) PHENELZINE/*analogs
(PA) HYPOGLYCEMIC AGENTS
(NO) structure

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phenylethyl isocyanate
(RN) 1943-82-4
(HM) *CYANATES

3-(2-(N-phenylethyl)-N-((propyl)amino)ethyl)phenol. HCl see RU 24213

N-phenylformamide
(RN) 103-70-8
(SY) formanilide
(HM) *FORMAMIDES

phenyl formate see benzoic acid

phenyl-GABA see 4-amino-3-phenylbutyric acid

2-phenyl-gamma-benzopyrone-5,7-dioxyacetate see flavodic acid

phenylglucuronide
(RN) 16063-67-5
(HM) *GLUCURONATES

phenylglutarimide see phenglutarimide

phenylglycidyl ether
(RN) 122-60-1
(HM) *PHENYL ETHERS
(NO) structure

N-phenylglycine
(RN) 103-01-5
(RR) 19525-59-8 (K salt)
(RR) 10265-69-7 (Na salt)
(HM) GLYCINE/*analogs
(NO) RN given refers to parent cpd

N-phenylglycine-glycidyl methacrylate adduct see NPG-GMA

2-phenylglycine
(RN) 69-91-0
(RR) 2935-35-5 ((L)-isomer)
(RR) 875-74-1 ((D)-isomer)
(RR) 2835-06-5 ((DL)-isomer)
(HM) GLYCINE/*analogs
(PA) ANTI-INFLAMMATORY AGENTS
(NO) RN given refers to cpd without isomeric designation; structure

phenyl glycol see styrene glycol

phenylglyoxylate carboxy-lyase see benzoylformate decarboxylase

phenylglyoxylic acid
(RN) 611-73-4
(RR) 64790-50-7 (HCl)
(SY) benzoylformic acid
(HM) *GLYOXYLATES
(NO) styrene metabolite; RN given refers to parent cpd

phenylglyoxylonitrile oxime O,O-diethylphosphoro - thioate see phoxim

N-phenyl-N'-guanylguanidine see phenyl biguanide

phenylheptatriyne
(RN) 4300-27-0
(HM) *ALKYNES
(NO) structure

phenyl hippurate
(RN) 2979-54-6
(HM) *HIPPURATES

phenylhydrargyri boras see phenylmercury borate

phenylhydrazine
(RN) 100-63-0
(RR) 27140-08-5 (HCl)
(RR) 2545-79-1 (monosulfate)
(RR) 59-88-1 (mono-HCl)
(HM) *PHENYLHYDRAZINES
(NO) RN given refers to parent cpd

phenylhydrazone
(HM) *HYDRAZONES

N-phenyl-N-(2-hydroxybutyl)-5-((1,2,3,4-terahydro-2-oxoquinolyl)oxy)pentanamide see OPC 13135

1-phenyl-2-hydroxyethanone see omega-hydroxyacetophenone

phenylhydroxylamine
(RN) 100-65-2
(RR) 22755-09-5 (HCl)
(HM) *HYDROXYLAMINES
(NO) RN given refers to parent cpd

1-phenyl-1-hydroxypentane see fenipentol

1-phenyl-1-hydroxy-n-pentane see fenipentol

5-phenyl-5-(4-hydroxyphenyl)hydantoin glucuronide
(RN) 53819-79-7
(SY) HPPH glucuronide
(HM) PHENYTOIN/*analogs
(NO) metabolite of phenytoin

N-phenyl-N'-3-hydroxyphenylthiourea see PTU 23

N-phenylimidazole see 1-phenylimidazole

1-phenylimidazole
(RN) 7164-98-9
(SY) N-phenylimidazole
(HM) *IMIDAZOLES
(NO) ligand for cytochrome P-450 & inhibitor of microsomal oxidation

4-phenylimidazole see 4(5)-phenylimidazole

4(5)-phenylimidazole
(RN) 670-95-1
(RR) 40864-48-0 (mono-HCl)
(SY) 4-phenylimidazole
(SY) 5-phenylimidazole
(HM) *IMIDAZOLES
(NO) tautomeric cpd; RN given refers to parent cpd

5-phenylimidazole see 4(5)-phenylimidazole

5-phenylimidazoline
(HM) *IMIDAZOLES

3-phenylindole
(RN) 1504-16-1
(HM) *INDOLES

2-phenylisatogen
(RN) 1969-74-0
(HM) *ISATIN/analogs
(NO) inhibitor of mitochondrial oxidative phosphorylation; structure

phenyl isocyanate
(RN) 103-71-9
(RR) 38345-85-6 (14C-labeled cpd)
(HM) *CYANATES
(NO) RN given refers to parent cpd; structure in Merck, 9th ed, #7101

phenyl isocyanide dichloride
(RN) 622-44-6
(HM) *NITRILES

phenylisopropyl-p-phenylenediamine see N-isopropyl-N-phenyl-4-phenylenediamine

phenylisothiocyanate
(RN) 103-72-0
(HM) *THIOCYANATES
(NO) structure

Phenyllac-Phe-tRNA see tRNA, phenyllactylphenylalanine-

3-phenyllactate see 3-phenyllactic acid

2-phenyllactic acid see atrolactic acid

3-phenyllactic acid
(RN) 156-05-8
(RR) 57618-26-5 (Ca salt)
(RR) 57618-25-4 (mono-Na salt)
(RR) 828-01-3 ((DL)-isomer)
(RR) 20312-36-1 ((L)-isomer)
(RR) 7326-19-4 ((D)-isomer)
(SY) 3-phenyllactate
(HM) *LACTATES
(NO) alpha-hydroxy analog of phenylalanine; RN given refers to cpd without isomeric designation

phenyllactyl-phenylalanine-tRNA see tRNA, phenyllactylphenylalanine-

phenyllactyl-phenylalanyl-tRNA see tRNA, phenyllactylphenylalanine-

phenyllactyl-tRNA(Phe) see tRNA, phenyllactylphenylalanine-

N-phenylmaleimide
(RN) 941-69-5
(HM) *MALEIMIDES
(NO) structure in Merck Index, 9th ed, #7104

phenyl mercuric borate see phenylmercury borate

phenylmercuric nitrate, basic
(RN) 6509-33-7
(SY) phenylmercurinitrate
(SY) merphene
(SY) nitratophenylmercury compd. with hydroxyphenylmercury (1:1)
(HM) *PHENYLMERCURY COMPOUNDS
(PA) ANTI-INFECTIVE AGENTS, LOCAL
(PA) FUNGICIDES, INDUSTRIAL
(II) DISINFECTANTS
(NO) structure

phenylmercurinitrate see phenylmercuric nitrate, basic

phenylmercury borate
(RN) 102-98-7
(SY) phenyl mercuric borate
(SY) (dihydrogen borato)phenylmercury
(SY) merfen
(SY) phenylhydrargyri boras
(SY) exomycol
(SY) Surgilube
(HM) *PHENYLMERCURY COMPOUNDS
(PA) ANTI-INFECTIVE AGENTS, LOCAL
(NO) structure

phenylmethanesulfonic acid
(RN) 100-87-8
(RR) 57267-76-2 (Na salt)
(SY) benzylsulfonic acid
(HM) *METHANESULFONATES
(PA) PROTEASE INHIBITORS
(NO) RN given refers to parent cpd

8-(phenylmethyl)amino-cyclic adenosine monophosphate see 8-benzylamino-cyclic AMP

8-(phenylmethyl)amino-cyclic AMP see 8-benzylamino-cyclic AMP

2-phenyl-5-methyl-benzoxazole see witisol

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N-phenylmethyl-1,2-dihydro-4-hydroxy-1-methyl-2-oxoquinoline-3-carboxamide see LS 2616

2-phenyl-3-methyl-3-hydroxypentanoic acid see penphenone

3-phenyl-5-methylisoxazole-4-carbonic acid chloranhydride see 3-phenyl-5-methylisoxazole-4-carbonyl chloride

3-phenyl-5-methylisoxazole-4-carbonyl chloride

(RN) 16883-16-2
(SY) 3-phenyl-5-methylisoxazole-4-carbonic acid chloranhydride
(SY) PMICC
(HM) *ISOXAZOLES

phenylmethylnitrosamine see N-methyl-N-nitrosoaniline

phenylmethyloxadiazole

(RN) 1198-98-7
(HM) *OXADIAZOLES
(PA) ANTI-INFLAMMATORY AGENTS
(NO) structure

phenylmethylpyrazolone

(RN) 89-25-8
(SY) 3-methyl-1-phenyl-2-pyrazolin-5-one
(SY) norantipyrine
(SY) norphenazone
(HM) ANTIPYRINE/*analogs
(NO) structure in second source

1-phenyl-3-methyltriazene see 3-methyl-1-phenyltriazene

phenylmorphan

(RN) 91190-14-6
(RR) 91190-15-7 ((-)-isomer)
(HM) *MORPHINANS
(NO) RN & structure given in first source ; RN not in Chemline 10/84; RN given refers to (+)-isomer; RN for cpd without isomeric designation not available 10/84

N-phenyl-1-naphthylamine

(RN) 90-30-2
(RR) 28258-64-2 (cpd with unspecified naphthylamine locant)
(HM) *1-NAPHTHYLAMINE/analogs
(PA) CARCINOGENS
(II) FLUORESCENT DYES
(NO) RN given refers to 1-naphthylamine cpd; structure

N-phenyl-2-naphthylamine see Neozone

1-phenyl-2-nitro-1,3-diacetoxypropane

(RN) 77834-86-7
(RR) 87810-43-3 ((R*,R*)-(+-)-isomer)
(RR) 65934-94-3 ((R*,R*)-isomer)
(SY) PNDP
(HM) *PROPANEDIOLS
(PA) ANTIFUNGAL AGENTS
(PA) FUNGICIDES, INDUSTRIAL
(NO) RN given refers to cpd without isomeric designation

phenyl-4-nitrodiphenylamine-4'-thiocarbamate see phenithionate

phenylone-2s

(RN) 26876-90-4
(SY) fenilon-2c
(SY) fenilon-2s
(HM) *PHTHALIC ACIDS
(HM) *POLYMERS
(II) MEMBRANES, ARTIFICIAL
(NO) copolymer of m-phenylenediaminoisophthalic & terephthalic acids

2-phenyloxazolone

(RN) 1199-01-5
(HM) *OXAZOLONE/analogs
(II) HAPTENS
(NO) RN given refers to 2-phenyl-5-oxazolone

phenyloxirane see styrene oxide

3-phenyl-2-oxo-5-(2-(4-methylpiperazin-1-yl)acetyl)-1H-tetrahydropyrido(2,3b)(1,4)diazepine

(RN) 90059-52-2
(SY) 3-POMPD
(HM) *AZEPINES
(PA) ANTI-ULCER AGENTS
(NO) structure given in first source

4-phenyl-2-oxo-5-(2-(4-methylpiperazin-1-yl)acetyl)-1H-tetrahydropyrido(2,3-b)(1,4-)diazepine

(RN) 90059-59-9
(SY) 4-POMPD
(HM) *AZEPINES
(PA) ANTI-ULCER AGENTS
(NO) structure given in first source

5-phenyl-2,4-pentadionate daphnetoxin see mezerein

N-(4'-phenylphenacyl)hyoscyamine see fentonium

o-phenylphenate see 2-phenylphenol

o-phenylphenol see 2-phenylphenol

p-phenylphenol see 4-phenylphenol

2-phenylphenol

(RN) 90-43-7
(RR) 132-27-4 (Na salt)
(SY) Dowicide
(SY) 2-hydroxybiphenyl
(SY) o-phenylphenate
(SY) ortho-phenylphenate
(SY) o-phenylphenol
(SY) lyorthol
(SY) sodium ortho-phenylphenol
(SY) sodium ortho-phenylphenate
(HM) *BIPHENYL COMPOUNDS
(PA) FUNGICIDES, INDUSTRIAL
(II) DISINFECTANTS
(NO) RN given refers to parent cpd; structure

4-phenylphenol

(RN) 1322-20-9
(SY) p-phenylphenol
(SY) 4-hydroxybiphenyl
(HM) *BIPHENYL COMPOUNDS
(NO) RN given refers to cpd without isomeric designation

N-phenyl-p-phenylenediamine see 4-aminodiphenylamine

phenyl phosphate see triphenyl phosphate

phenylphosphonic acid

(RN) 1571-33-1
(RR) 4297-94-3 (mono-Na salt)
(RR) 25148-85-0 (di-Na salt)
(RR) 36461-87-7 (Al salt)
(RR) 36461-85-5 (Ca salt)
(RR) 24391-19-3 (mono-Ca salt)
(RR) 38349-52-9 (Ce(3+)[3:2] salt)
(RR) 24400-76-8 (di-K salt)
(RR) 38349-59-6 (Dy(3+) salt)
(RR) 51161-95-6 (Dy(3+)[3:2] salt.dihydrate)
(RR) 38349-61-0 (Er(3+)[3:2] salt)
(RR) 51161-96-7 (Er(3+)[3:2] salt.dihydrate)
(RR) 38349-56-3 (Eu(3+)[3:2] salt)
(RR) 38349-57-4 (Gd(3+)[3:2] salt)
(RR) 38349-60-9 (Ho(3+)[3:2] salt)
(RR) 38349-51-8 (La(3+)[3:2] salt)
(RR) 59044-27-8 (mono-Pb(2+) salt)
(RR) 38349-64-3 (Lu(3+)[3:2] salt)
(RR) 36461-86-6 (Mg salt)
(RR) 24414-82-2 (mono-Mg salt)
(RR) 38349-54-1 (Nd(3+)[3:2] salt)
(RR) 51161-93-4 (Nd(3+)[3:2] salt.monohydrate)
(RR) 16085-28-2 (K salt)
(RR) 38349-53-0 (Pr(3+)[3:2] salt)
(RR) 51161-92-3 (Pr(3+)[3:2] salt.dihydrate)
(RR) 38349-55-2 (Sm(3+)[3:2] salt)
(RR) 51161-94-5 (Sm(3+)[3:2] salt.dihydrate)
(RR) 25726-15-2 (unspecified Na salt)
(RR) 38349-58-5 (Tb(3+)[3:2] salt)
(RR) 38349-62-1 (Tm(3+)[3:2] salt)
(RR) 38349-63-2 (Yb(3+)[3:2] salt)
(RR) 38349-50-7 (Y(3+)[3:2] salt)
(RR) 50862-86-7 (Zn salt)
(RR) 16263-39-1 (Cu salt)
(RR) 69031-88-5 (Zr(1+)[2:1] salt)
(SY) benzenephosphonic acid
(HM) *ORGANOPHOSPHORUS COMPOUNDS
(NO) RN given refers to parent cpd; NM same as N1

N-phenylphthalimide

(RN) 520-03-6
(HM) *PHTHALIMIDES
(PA) ANTILIPEMIC AGENTS
(NO) structure given in first source

N-phenylpiperazine see phenylpiperazine

phenylpiperazine

(RN) 92-54-6
(RR) 70849-66-0 (HCl)
(RR) 36596-75-5 (di-HBr)
(RR) 2210-93-7 (mono-HCl)
(RR) 4004-95-9 (di-HCl)
(SY) 1-phenylpiperazine
(SY) N-phenylpiperazine
(HM) *PIPERAZINES
(PA) ADRENERGIC ALPHA RECEPTOR BLOCKADERS
(NO) RN given refers to parent cpd

1-phenylpiperazine see phenylpiperazine

2-(4-phenylpiperidino)cyclohexanol see AH 5183

4-phenyl-4-piperidinocyclohexanol

(RN) 60756-83-4
(SY) cis-4-phenyl-4-piperidinocyclohexanol
(SY) 4-phenyl-4-(1-piperidinyl)cyclohexanol
(HM) PHENCYCLIDINE/*analogs
(NO) metabolite of phencyclidine; structure given in first source

cis-4-phenyl-4-piperidinocyclohexanol see 4-phenyl-4-piperidinocyclohexanol

4-phenyl-4-(1-piperidinyl)cyclohexanol see 4-phenyl-4-piperidinocyclohexanol

2-phenyl-4(2-(4-piperidinyl)ethyl)quinoline see PK 8165

4-phenylpiracetam

(RN) 77472-70-9
(HM) *PIRACETAM/analogs

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20-phenyl-5-pregnene-3 beta,20-diol
(HM) *PREGNENES
(NO) 20-aryl analog of 20-hydroxycholesterol; structure

3-phenylpropanolaminoguanidine HCl see SaH 43-522

2-phenylpropanol-1
(RN) 1123-85-9
(RR) 37778-99-7 ((S)-isomer)
(RR) 19141-40-3 ((R)-isomer)
(HM) ALCOHOL, PROPYL/*analogs
(NO) RN given refers to cpd without isomeric designation

2-phenyl-2-propanol
(RN) 617-94-7
(SY) 2-phenylpropanol-2
(SY) dimethylphenylcarbinol
(HM) ALCOHOL, PROPYL/*analogs
(II) WATER POLLUTANTS, CHEMICAL

2-phenylpropanol-2 see 2-phenyl-2-propanol

1-phenyl-2-propanone
(RN) 103-79-7
(SY) phenylacetone
(SY) benzyl methyl ketone
(HM) ACETONE/*analogs
(NO) analog of propiophenone where carbonyl group is on the 2 carbon atom instead of the 1 carbon atom of the side chain

1-phenyl-2-propen-1-one see 3-oxo-3-phenylpropene

3-phenyl-2-propenyl-2-aminobenzoate see cinnamyl anthranilate

1-(3-phenyl-2-propenyl)-1H-imidazole see SQ 80,338

3-phenylpropionate see 3-phenylpropionic acid

3-phenylpropionic acid
(RN) 501-52-0
(RR) 114-84-1 (Na salt)
(SY) beta-phenylpropionate
(SY) 3-phenylpropionate
(HM) *PHENYLPROPIONATES
(NO) RN given refers to parent cpd

N-(3-phenylpropionyl)glycine methylthio ester
(SY) NPPGMTE
(SY) N-(beta-phenylpropionyl)glycine methylthio ester
(HM) GLYCINE/*analogs
(NO) contains C=S at the ester function

(N6)-1-phenyl-2-propyladenosine
(SY) N6-PPA
(HM) ADENOSINE/*analogs

3-phenylpropylcarbamate see phenprobamate

1-phenyl-1-propyne
(RN) 673-32-5
(HM) *ALKYNES
(PA) DOPAMINE BETA-HYDROXYLASE/antag

1-phenyl-2-propyn-1-one see 3-oxo-3-phenylpropyne

N-phenylprotoporphyrin IX
(RN) 80367-89-1
(HM) *PROTOPORPHYRINS

2-phenylpyrazolo(4,3-c)quinolin-3(5H)-one see CGS 8216

5-phenyl-2-pyridinamine
(RN) 33421-40-8
(SY) 5-phenyl-2-aminopyridine
(HM) *AMINOPYRIDINES
(PA) CARCINOGENS
(NO) structure given in first source

7-phenylpyrido(3',2'-4,5)-thieno(3,2-d)-1,2,3-triazine-4(3H)-one see RHC 3414

6-(D-2-phenyl-2-(N-4-pyridylformimidyl aminoacetamido) acetamido)penicillanic acid see pirbenicillin

phenylpyrrolidinylpentan see prolintane

3-phenylpyruvate aminotransferase
(RN) EC 2.7.1.-
(HM) *AMINOTRANSFERASES
(NO) L-glutamate is amino-donor

phenylpyruvate oxidase
(RN) EC 1.-
(HM) *OXIDOREDUCTASES
(NO) phenylpyruvate is converted to o-hydroxyphenyl-acetic acid

3-phenylpyruvate see phenylpyruvic acid

phenylpyruvic acid
(RN) 156-06-9
(RR) 51828-93-4 (Ca salt)
(RR) 114-76-1 (Na salt)
(SY) 3-phenylpyruvate
(HM) *PHENYLPYRUVIC ACIDS
(NO) RN given refers to parent cpd

phenylquinone see phenylbenzoquinone

phenyl-1,4-quinone see phenylbenzoquinone

phenyl-4-quinone see phenylbenzoquinone

N-phenylretinamide
(RN) 33631-48-0
(HM) TRETINOIN/*analogs
(NO) does not inhibit nitrosamine induced carcinogenesis

phenyl salicylate see salol

17-(phenylseleno)progesterone
(RN) 74137-00-1
(SY) 17 alpha(phenylseleno)progesterone
(HM) PROGESTERONE/*analogs
(NO) RN given from first source refers to (17alpha)-isomer; RN not in Chemline 9/28/83

21-(phenylseleno)progesterone
(RN) 74136-99-5
(HM) PROGESTERONE/*analogs
(NO) RN given from first source; RN not in Chemline 9/28/83

phenyl-sepharose
(RN) 71822-39-4
(SY) phenylsepharose
(SY) phenyl agarose
(HM) SEPHAROSE/*analogs

phenylsepharose see phenyl-sepharose

phenyl simethicone see phenyl dimethicone

phenylsuccinate see 2-phenylsuccinate

2-phenylsuccinate
(RN) 635-51-8
(SY) phenylsuccinate
(HM) *SUCCINATES

phenylsulfate
(RN) 937-34-8
(RR) 1733-88-6 (K salt)
(RR) 14276-99-4 (Na salt)
(HM) *SULFURIC ACID ESTERS
(NO) RN given refers to parent cpd

phenyl-tert-butylnitrone see phenyl-N-tert-butylnitrone

phenyl-N-tert-butylnitrone
(RN) 3376-24-7
(RR) 52392-70-8 ((Z)-isomer)
(SY) N-tert-butylphenylnitrone
(SY) phenyl-tert-butylnitrone
(SY) N-benzylidene-2-methylpropylamine n-oxide
(SY) alpha-phenyl-t-butyl nitrone
(HM) *NITROGEN OXIDES
(II) SPIN LABELS
(NO) RN given refers to cpd without isomeric designation

3-phenyl-6-(1,2,3,4-tetrahydro-2-isoquinolinyl)methyl-4H-5,6-dihydro-1,2,4-oxadiazine see CH 141

3-phenyl-6-(1,2,3,4-tetrahydro-2-isoquinolyl)methyl-4H-5,6-dihydro-1,2,4-oxadiazine
(SY) PTHIQDO
(HM) *OXAZINES
(PA) VASODILATOR AGENTS
(NO) structure given in first source

4-phenyl-1,2,3,6-tetrahydropyridine
(RN) 10338-69-9
(RR) 43064-12-6 (HCl)
(HM) *PYRIDINES
(NO) RN given refers to parent cpd

3-(4-(4-phenyl-1,2,3,6-tetrahydropyridyl-1)-butyl) indole see EMD 23448

8-phenyltheophylline
(RN) 961-45-5
(HM) THEOPHYLLINE/*analogs

2-phenylthiazolidine
(RN) 4569-82-8
(HM) *THIAZOLES
(PA) RADIATION PROTECTIVE AGENTS

phenylthioethylamine see phenyl-2-aminoethyl sulfide

phenylthiolato-(2,2',2"-terpyridine) platinum II
(SY) PhS(terpy)Pt
(HM) *ORGANOPLATINUM COMPOUNDS
(NO) structure given in first source

2-((phenylthio)methyl)pyridine
(RN) 71897-63-7
(SY) 2-PTMP
(HM) *PYRIDINES
(PA) ANTI-INFLAMMATORY AGENTS

phenylthio-4-phenylamino-2-nicotinic acid
(RN) 75910-22-4
(SY) PTPAN
(HM) *NICOTINIC ACIDS
(NO) inhibit prostaglandin synthesis by inhibiting prostaglandin synthase

phenylthiopropylamine
(RN) 2015-09-0
(RR) 78540-47-3 (HCl)
(HM) *PROPYLAMINES
(PA) ANTINEOPLASTIC AGENTS
(NO) structure in first source

phenyltoloxamine
(RN) 92-12-6
(RR) 6152-43-8 (HCl)
(SY) N,N-dimethyl-2-(alpha-phenyl-o-tolyloxy) ethylamine
(HM) *BENZHYDRYL COMPOUNDS
(PA) ANTIHISTAMINICS
(NO) RN given refers to parent cpd; structure

phenyltrimethylamino hapten
(HM) *METHYLAMINES
(II) HAPTENS

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phenyltrimethylammonium
(RN) 3426-74-2
(RR) 4207-56-1 (tribromide)
(RR) 16093-66-6 (benzenesulfonate)
(RR) 51931-01-2 (tosylate)
(RR) 17310-97-3 (acetate)
(RR) 16056-11-4 (bromide)
(RR) 1899-02-1 (hydroxide)
(RR) 98-04-4 (iodide)
(RR) 58457-95-7 (tri(methyl-3(2)H)-labeled cpd)
(RR) 138-24-9 (chloride)
(SY) X-TractElute
(SY) trimethylphenylammonium hydroxide
(SY) trimethyl-d9-anilinium hydroxide
(SY) trimethylanilinium iodide
(SY) trimethylphenylammonium iodide
(SY) trimethylanilinium
(HM) *AMMONIUM COMPOUNDS
(II) INDICATORS AND REAGENTS
(NO) d9-cpd suppresses methylation artifacts in gas chromatography of serum extracts; RN given refers to parent cpd

1-phenyluracil
(RN) 21321-07-3
(HM) URACIL/*analogs
(PA) COCCIDIOSTATS
(NO) structure given in first source

phenylurethane
(RN) 101-99-5
(SY) ethylcarbanilate
(SY) ethyl N-phenylcarbamate
(HM) *CARBAMATES

phenylvalerate esterase see neurotoxic esterase

1-phenyl-5-vinyl-2-imidazolidinethione
(SY) PV-IZT
(HM) *ETHYLENETHIOUREA/analogs
(NO) structure given in first source

phenypressin
(RN) 30635-27-9
(SY) 2-Phe-8-Arg-vasopressin
(SY) vasopressin, 2-phenylalanyl-8-arginine-
(SY) vasopressin, 2-Phe-8-Arg-
(SY) 2-phenylalanyl-8-arginine vasopressin
(HM) ARGIPRESSIN/*analogs
(NO) found in marsupials

phenytoin receptor
(SY) phenytoin receptors
(SY) receptor, phenytoin
(HM) *RECEPTORS, DRUG
(II) PHENYTOIN

phenytoin receptors see phenytoin receptor

pheomelanin
(HM) *MELANINS
(NO) red-brown polymeric pigment in skin & hair of redheaded humans

pheophorbide a
(RN) 15664-29-6
(SY) 2-deacetyl-2-vinylbacteriopheophorbide
(HM) CHLOROPHYLL/*analogs
(NO) split product of chlorophyll obtained by saponification of pheophytin

Phe-pA see phenylalanyl adenylate

Phe-Phe see phenylalanylphenylalanine

2-Phe-3-(4-N3)Phe-Arg-vasopressin see vasopressin, 2-Phe-3-(4-azido)Phe-Arg-

Phe(2)-Phe(p-N(3))(3)-AVP see vasopressin, 2-Phe-3-(4-azido)Phe-Arg-

Phe-Phe-Gly see phenylalanyl-phenylalanyl-glycine

PHEP-HEIZ see denzimol

Phe-Phe-Phe see phenylalanyl-phenylalanyl-phenylalanine

Phe-Phe-tRNA see tRNA, phenylalanylphenylalanine-

phepracet see fepracet

prepraxet see fepracet

D-Phe-Pro-Arg see GYKI 14,166

Phe-Pro-Arg-5-amidoisophthalic acid dimethyl ester see phenylalanyl-prolyl-arginyl-5-amidoisophthalic acid dimethyl ester

Phe-Pro-Arg-CHA see PS 915

D-Phe-Pro-Arg CH2Cl see phenylalanyl-prolyl-arginine methyl chloride

D-Phe-Pro-Arg-chloromethyl ketone see phenylalanyl-prolyl-arginine chloromethyl ketone

Phe-Pro-Arg-methyl chloride see phenylalanyl-prolyl-arginine methyl chloride

phepromaron
(RN) 15620-34-5
(SY) 3-(alpha-phenyl-beta-propionylethyl)-4-oxycoumarin
(SY) fepromaron
(HM) *4-HYDROXYCOUMARINS
(PA) ANTICOAGULANTS
(NO) Russian drug

Phe(2)-Pro(3)-Phe(6)-GnRH see LHRH, Phe(2)-Pro(3)-Phe(6)-

Phe(2)-Pro(3)-Phe(6)-LHRH see LHRH, Phe(2)-Pro(3)-Phe(6)-

Phe-Pro-Pro-Trp-Met-NH2 see Met(5)-pentatryptophyllin-5-amide

phepyron see fepiron

Phe relaxin see phenylalanyl relaxin

pheromone alpha-factor see mating factor

4-Phe-somatostatin see somatostatin, 4-Phe-

PHET methyltransferase II see phosphatidylethanolamine-methyltransferase II

Phe-tRNA see tRNA, phenylalanine-

Phe(5)-Trp(7,9)-Leu(11)-substance P see substance P, Phe(5)-Trp (7,9)-Leu(11)-

Phe-Trp-Lys-Thr see somatostatin(7-10)

Phe(2)-Trp(3)-Phe(6)-LHRH see LHRH, Phe(2)-Trp(3)-Phe(6)-

Phe(4)-Val(6)-antamanide see antamanide, Phe(4)-Val(6)-

6-PHE see 6-phenoxyhex-1-ene

7-PHHNO see 4-propyl-7-hydroxy-1,2,3,4a,5,6-hexahydronaphthoxazine

phialidin
(HM) *LUMINESCENT PROTEINS
(NO) coelenterate photoprotein; calcium indicator in biological systems

Phillips Corona Ointment
(HM) *OINTMENTS
(PA) DERMATOLOGIC AGENTS
(NO) caused precocious puberty in 8.5 month-old girl; probably due to cummulative effect of the low level of estridiol content

phimA see gene proteins, viral

PHI peptide
(SY) PI-HIA-27
(SY) peptide HI
(SY) porcine intestinal heptacosapeptide
(SY) peptide histidine isoleucine
(HM) *PEPTIDES
(II) GASTROINTESTINAL HORMONES
(II) HYPOTHALAMIC HORMONES
(NO) C-terminal isoleucine amide peptide & NH2-terminal histidine; from porcine duodenum; 27 amino acid residues; also found in hypothalamus

PHI peptide-GLn-24
(SY) GLn-24-PHI
(SY) glutamine-24-PHI
(SY) GLn-24-PHI
(HM) *PEPTIDES
(II) GASTROINTESTINAL HORMONES
(NO) synthetic PHI in which glutamic acid in position 24 is substituted with glutamine

PHI peptide receptor
(SY) receptor, PHI peptide
(SY) PHI peptide receptors
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) PEPTIDES

PHI peptide receptors see PHI peptide receptor

phi 29 terminal protein see Bacillus subtilis bacteriophage phi 29 terminal protein

phlebodril
(HM) *HESPERIDIN/analogs
(HM) *CHALCONE/analogs
(HM) *PLANT EXTRACTS
(HM) DRUG COMBINATIONS
(NO) combination of trimethylhesperidinchalcone & Ruscus extract

phleomycin D1
(RN) 11031-11-1
(HM) BLEOMYCINS
(PA) ANTIBIOTICS, ANTINEOPLASTIC

phlogosam see sulfosalicylic acid

phlogosol see sulfosalicylic acid

phloretic acid
(RN) 501-97-3
(SY) 4-hydroxyphenylpropionic acid
(SY) 3-(4-hydroxyphenyl)propanoic acid
(HM) *PHENYLPROPIONATES
(NO) structure

phloretinyl-3'-benzylazide
(RN) 80860-95-3
(SY) PBAZ
(HM) *AZIDES
(II) AFFINITY LABELS
(NO) affinity probe for sugar transposrter in erythrocytes

phlorizin-binding protein
(HM) *CARRIER PROTEINS
(NO) MW approx 110,000; found in renal brush-border membrane

PHM neuropeptide
(SY) peptide histidine methionine
(HM) *PEPTIDES
(PA) NEUROREGULATORS
(NO) related to PHI (peptide histidine isoleucine); relaxes smooth muscle in guinea pig colon

PHMPS see 4-hydroxymercuribenzenesulfonate

PHM 27 see pro-vasoactive intestinal peptide

PHM-27 see pro-vasoactive intestinal peptide

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PHNO see
4-propyl-9-hydroxy-1,2,3,4a,5,6-hexahydronaphthoxazine

1-PHNP see fenipentol

phoazlone see phosalone

pholcodine
(RN) 509-67-1
(SY) 7,8-didehydro-4,5 alpha-epoxy-17-methyl-3-(2-morpholinoethoxymorphinan-6 alpha-ol)
(HM) CODEINE/*analogs
(HM) *MORPHOLINES
(PA) ANALGESICS
(PA) ANTITUSSIVE AGENTS
(NO) structure

pholcolix
(RN) 90326-84-4
(HM) CODEINE/*analogs
(HM) *ACETAMINOPHEN
(HM) *PHENYLPROPANOLAMINE
(HM) DRUG COMBINATIONS
(PA) ANTITUSSIVE AGENTS
(NO) contains pholcodine, acetaminophen & phenylpropanolamine

pholedrine
(RN) 370-14-9
(RR) 6114-26-7 (sulfate[2:1])
(RR) 37718-01-7 (sulfate[2:1](+-)-isomer)
(RR) 953-38-8 (sulfate[1:1])
(RR) 3546-34-7 (sulfate[1:1](+-)-isomer)
(SY) veritol
(SY) 4-hydroxy-N-methylamphetamine
(HM) METHAMPHETAMINE/*analogs
(PA) SYMPATHOMIMETICS
(PA) ANALEPTICS
(NO) RN given refers to cpd without isomeric designation; structure

phomopsin
(RN) 64925-80-0
(RR) 64925-80-0 (phomopsin A)
(HM) *MYCOTOXINS
(NO) RN for cpd not in Chemline 7/18/83

phophofructokinase regulatory factors
(SY) PFK-RF
(SY) phosphofructokinase regulatory factor A
(SY) phosphofructokinase regulatory factor B
(HM) *PEPTIDES
(II) PHOSPHOFRUCTOKINASE
(NO) factor A and factor B have been isolated; MW for factor A 13,800; MW for factor B 39,000

phoratoxon
(RN) 2600-69-3
(HM) *PHORATE/analogs

phorboid receptor see phorbol ester receptor

phorbol
(RN) 17673-25-5
(RR) 26241-63-4 ((1aR-(1aalpha,1bbeta,4aalpha,7aalpha,7balpha,8alpha,9beta,9 = bbeta))-isomer)
(SY) isophorbol
(HM) *PHORBOLS
(NO) RN given refers to (1aR-(1a alpha,1b beta,4a beta,7a alpha,7b alpha,8 alpha,9 beta,9b beta))-isomer; RN for cpd without isomeric designation not in Chemline 7/18/83; synonym isophorbol refers to (4a alpha)-isomer; structure in Merck Index, 9th ed, #7143

phorbol-12,13-diacetate
(RN) 24928-15-2
(RR) 35608-68-5 ((1aR-(1aalpha,1bbeta,4abeta,7abeta,7balpha,8alpha,9beta,9aal = pha))-isomer)
(HM) *PHORBOL ESTERS
(NO) RN given refers to (1aR-(1a alpha,1b beta,4a beta,7a alpha,7b alpha,8 alpha,9 beta,9a alpha))-isomer; RN for cpd without isomeric designation not in Chemline 7/18/83

phorbol 13,20-diacetate
(RN) 41621-85-6
(HM) *PHORBOL ESTERS
(NO) RN given refers to ((1aR-(1aalpha,1bbeta,4abeta,7aalpha,7balpha,8alpha,9beta,9a = alpha))-isomer); RN for cpd without isomeric designation not in Chemline 11/84

phorbol-12,13-dibenzoate
(RN) 25405-85-0
(HM) *PHORBOL ESTERS
(PA) CARCINOGENS

phorbol 12,13-dibutyrate
(RN) 37558-16-0
(RR) 61557-88-8 (cpd with unspecified locants for dibutyrate moiety)
(SY) PDBu
(HM) *PHORBOL ESTERS
(PA) CARCINOGENS
(NO) RN given refers to (1aR-(1a alpha,1b beta,4a beta,7a alpha,7b alpha,8 alpha,9 beta,9a alpha))-isomer; RN for cpd without isomeric designation not in Chemline 7/18/83

phorbol-12,13-didecanoate
(RN) 24928-17-4
(RR) 27536-56-7 ((1aR-(1aalpha,1bbeta,4aalpha,7aalpha,7balpha,8alpha,9beta,9 = aalpha))-isomer)
(SY) 4 alpha-PDD
(HM) *PHORBOL ESTERS
(PA) CARCINOGENS
(NO) RN given refers to (1aR-(1a alpha,1b beta,4a beta,7a alpha,7b alpha,8 alpha,9 beta,9a alpha))-isomer; RN for cpd without isomeric designation not in Chemline 7/18/83

phorbol-12,13-dipropionate
(RN) 51821-33-1
(HM) *PHORBOL ESTERS
(NO) inhibitor of tumor promotion by TPA

phorbol ester binding protein see phorbol ester receptor

phorbol ester receptor
(SY) receptor, phorbol esters
(SY) phorbol ester receptors
(SY) tetradecanoyl phorbol receptor
(SY) phorbol myristate acetate receptor
(SY) phorbol ester binding protein
(SY) phorboid receptor
(HM) *RECEPTORS, IMMUNOLOGIC
(II) PHORBOL ESTERS

phorbol ester receptors see phorbol ester receptor

phorbol myristate acetate receptor see phorbol ester receptor

phorbolol myristate acetate
(RN) 56937-68-9
(HM) *TETRADECANOYLPHORBOL ACETATE/analogs

phorbol-12-retinoate-13-acetate see
12-O-retinoylphorbol-13-acetate

phorone
(RN) 504-20-1
(SY) diisopropylideneacetone
(HM) *KETONES
(II) SOLVENTS
(NO) industrial solvent; structure

phorphin
(RN) 88847-78-3
(HM) ENKEPHALIN, LEUCINE/*analogs
(NO) fourth repeating peptide in prodinorphin

phosalacine
(RN) 92567-89-0
(HM) *DIPEPTIDES
(PA) ANTIBIOTICS
(PA) HERBICIDES
(NO) contains phosphinothricin; isolated from Kitasatosporia phosalacinea; structure given in second source

phosalone
(RN) 2310-17-0
(SY) Zolone
(SY) phoazlone
(SY) fozalone
(SY) fosalon
(HM) *ORGANOTHIOPHOSPHORUS COMPOUNDS
(PA) INSECTICIDES, ORGANOTHIOPHOSPHATE
(PA) CHOLINESTERASE INHIBITORS
(NO) structure

phosfolan
(RN) 947-02-4
(SY) Cyolane
(SY) phospholan
(HM) *ORGANOTHIOPHOSPHORUS COMPOUNDS
(PA) INSECTICIDES, ORGANOTHIOPHOSPHATE
(NO) structure

phosmethylan
(SY) O,O-dimethyl-S-(N-((2-chlorophenyl)butyramido) methyl)dithiophosphate
(HM) *THIOPHOSPHORIC ACID ESTERS
(PA) INSECTICIDES, ORGANOTHIOPHOSPHATE

phosphapyrimidine nucleoside 1 see phosphapyrimidine ribonucleoside 1

phosphapyrimidine ribonucleoside 1
(SY) phosphapyrimidine nucleoside 1
(HM) *PYRIMIDINE NUCLEOSIDES
(PA) CYTIDINE DEAMINASE/antag
(NO) structure given in first source

phosphatase inhibitor 1 see protein phosphatase inhibitor-1

phosphatase inhibitor 2 see protein phosphatase inhibitor-2

phosphatase-1 kinase
(RN) EC 3.7.1.-
(SY) phosphoprotein phosphatase kinase
(HM) *PROTEIN KINASES

phosphate binding proteins see phosphate-binding proteins

phosphate-binding proteins
(SY) phosphate transporter
(SY) phosphate transport proteins
(SY) phosphate binding proteins
(SY) phosphate carrier
(HM) *CARRIER PROTEINS
(II) PHOSPHATES
(NO) from bovine heart mitochondria & rat liver mitochondria

phosphate binding proteolipid see phosphate-binding proteolipid

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phosphate-binding proteolipid
(SY) proteolipid, phosphate binding
(SY) phosphate binding proteolipid
(SY) phosphorin
(HM) *PROTEOLIPIDS
(HM) *CARRIER PROTEINS
(II) PHOSPHATES, INORGANIC
(NO) MW appx 3000; binds inorganic phosphate with high affinity & specificity; from rabbit kidney brush border membranes

phosphate-buffered sucrose see sucrose phosphate

phosphate carrier see phosphate-binding proteins

phosphate transporter see phosphate-binding proteins

phosphate transport proteins see phosphate-binding proteins

phosphatidal ethanolamine see phosphatidal ethanolamines

phosphatidal ethanolamines
(SY) ethanolamine plasmalogen
(SY) phosphatidal ethanolamine
(SY) ethanolamine plasmalogens
(SY) plasmenylethanolamine
(HM) *PLASMALOGENS
(NO) structure

phosphatidalserine
(SY) plasmenylserine
(HM) *PLASMALOGENS

phosphatidate cytidylyltransferase
(RN) EC 2.7.7.41
(RR) 9067-83-8 (CRN)
(SY) CDPdiglyceride pyrophosphorylase
(SY) CDP-diglyceride synthetase
(SY) CTP-phosphatidic acid cytidylyltransferase
(HM) *NUCLEOTIDYLTRANSFERASES

phosphatidyl N-acetylglucosaminylglycerol
(SY) PAGAG
(HM) *PHOSPHATIDYLGLYCEROLS
(II) GLYCOLIPIDS
(NO) polar lipid from radiation-resistant bacterium Deinococcus radiodurans

phosphatidylcholine exchange protein
(SY) phosphatidylcholine transfer protein
(SY) lecithin transfer protein
(SY) PC binding protein
(HM) *CARRIER PROTEINS
(II) PHOSPHATIDYLCHOLINES
(NO) catalyze the exchange of phosphatidylcholine between membrane structures in vitro; found in lung, liver, heart & brain

phosphatidylcholine HDL see high density lipoprotein phosphatidylcholine

phosphatidylcholine transfer protein see phosphatidylcholine exchange protein

phosphatidyl-dCMP
(HM) *DEOXYCYTIDINE MONOPHOSPHATE/analogs

phosphatidyl-N,N-dimethylaminoethanol see phosphatidyldimethylethanolamine

phosphatidyldimethylethanolamine
(SY) phosphatidyl-N,N-dimethylaminoethanol
(HM) *PHOSPHATIDYLETHANOLAMINES

phosphatidyldimethylethanolamine methyltransferase see phosphatidyl-N-methylethanolamine methyltransferase

phosphatidylethanolamine N-acyltransferase
(RN) EC 2.3.1-
(SY) PENATFASE
(HM) *ACYLTRANSFERASES
(NO) transfers acyl groups from sn-1 position of membrane phospholipids to the amino group of ethanolamine phospholipids

phosphatidylethanolamine methyltransferase
(RN) EC 2.1.1.17
(RR) 37256-91-0 (CRN)
(SY) S-adenosylmethionine phosphatidylethanolamine N- methyltransferase
(SY) cephalin N-methyltransferase
(SY) phosphatidylethanolamine methyltransferase I
(SY) phospholipid methyltransferase
(HM) *METHYLTRANSFERASES

phosphatidylethanolamine methyltransferase I see phosphatidylethanolamine methyltransferase

phosphatidylethanolamine-methyltransferase II
(RN) EC 2.1.1.-
(SY) PHET methyltransferase II
(SY) phospholipid methyltransferase II
(HM) *METHYLTRANSFERASES

phosphatidylglucosaminylglycerol
(SY) PGAG
(HM) *PHOSPHATIDYLGLYCEROLS
(II) GLYCOLIPIDS
(NO) polar lipid from radiation-resistant bacterium Deinococcus radiodurans

phosphatidylglycerol glyceryl transferase
(RN) EC 2.4.99.-
(SY) glyceryltransferase
(HM) *TRANSFERASES
(NO) converts prolipoprotein to glyceryl-prolipoprotein in E coli murein-lipoprotein biosynthetic pathway

phosphatidylglycerol phosphate see phosphatidylglycerophosphate

phosphatidylglycerophosphatase
(RN) EC 3.1.3.27
(RR) 9033-46-9 (CRN)
(HM) *PHOSPHOMONOESTERASES

phosphatidylglycerophosphate
(SY) phosphatidylglycerol phosphate
(HM) *PHOSPHATIDYLGLYCEROLS

phosphatidylglycerophosphate synthetase see glycerophosphate phosphatidyltransferase

phosphatidyl-inositol-bisphosphate phosphatase
(RN) EC 3.1.3.36
(RR) 9036-01-5 (CRN)
(SY) triphosphoinositide phosphatase
(SY) phosphatidylinositol 4,5-bisphosphate phosphomonoesterase
(HM) *PHOSPHOMONOESTERASES

1-phosphatidylinositol-4,5-bisphosphate phosphodiesterase see triphosphoinositide phosphodiesterase

phosphatidylinositol 4,5-bisphosphate phosphomonoesterase see phosphatidyl-inositol-bisphosphate phosphatase

phosphatidylinositol-4,5-bisphosphate see phosphatidyl-myo-inositol 4,5-diphosphate

phosphatidylinositol exchange protein
(SY) PPIEP
(HM) *CARRIER PROTEINS
(II) PHOSPHATIDYLINOSITOLS
(NO) specific phospholipid exchange protein

phosphatidylinositol inositolphosphohydrolase see monophosphatidylinositol phosphodiesterase

phosphatidylinositol kinase
(RN) EC 2.7.1.67
(RR) 37205-54-2 (CRN)
(SY) phosphoinositide kinase
(HM) *PHOSPHOTRANSFERASES, ATP

phosphatidylinositol mannoside
(SY) phosphatidyl inositol mannoside
(HM) *PHOSPHATIDYLINOSITOLS

phosphatidyl inositol mannoside see phosphatidylinositol mannoside

phosphatidylinositol 4-monophosphate see phosphatidylinositol 4-phosphate

phosphatidylinositolphosphate kinase see diphosphoinositide kinase

phosphatidylinositol 4-phosphate kinase see diphosphoinositide kinase

phosphatidylinositol 4-phosphate phosphatase
(RN) EC 3.1.3.-
(SY) PTDINS-4P-phosphatase
(HM) *PHOSPHOMONOESTERASES
(NO) from human erythrocyte membranes

1-phosphatidylinositol-4-phosphate phosphodiesterase see triphosphoinositide phosphodiesterase

phosphatidylinositol 4-phosphate
(SY) PtdINS4P
(SY) 1-(3-sn-phosphatidylinositol)-L-myoinositol-4-phosphate
(SY) phosphatidylinositol 4-monophosphate
(HM) *PHOSPHOINOSITIDES

phosphatidylinositol phosphodiesterase see monophosphatidylinositol phosphodiesterase

1-phosphatidylinositol 4-phosphokinase see diphosphoinositide kinase

phosphatidylinositol receptor
(SY) phosphatidylinositol receptors
(SY) receptor, phosphatidylinositol
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) PHOSPHATIDYLINOSITOLS

phosphatidylinositol receptors see phosphatidylinositol receptor

phosphatidylinositol-specific phospholipase C see monophosphatidylinositol phosphodiesterase

phosphatidylinositol synthase see CDPdiacylglycerol-inositol 3-phosphatidyltransferase

phosphatidylinositomanoside
(HM) *PHOSPHATIDYLINOSITOLS

phosphatidylkojibiosyl diacylglycerol see phosphatidylkojibiosyl diglyceride

phosphatidylkojibiosyl diglyceride
(SY) phosphatidylkojibiosyl diacylglycerol
(HM) *GLYCOLIPIDS
(HM) *PHOSPHATIDYLGLYCEROLS
(NO) structure

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phosphatidyl-N-methylethanolamine methyltransferase
(RN) EC 2.1.1.71
(SY) phosphatidyldimethylethanolamine methyltransferase
(SY) PDMEA methyltransferase
(HM) *METHYLTRANSFERASES

phosphatidyl-N-methylethanolamine see phosphatidyl-N-monomethylaminoethanol

phosphatidyl-N-monomethylaminoethanol
(SY) PMME
(SY) phosphatidyl-N-methylethanolamine
(HM) *PHOSPHATIDYLETHANOLAMINES
(NO) methylated by placental microsomal fractions containing cephalin-N-methyltransferase (EC 2.1.1.17) to phosphatidylcholine

phosphatidyl-myo-inositol 4,5-diphosphate
(RN) 21966-34-7
(RR) 40915-48-8 (Ca salt)
(SY) 1-(1-phosphoglyceryl)inositol 4,5-diphosphate
(SY) phosphatidylinositol-4,5-bisphosphate
(HM) *PHOSPHOINOSITIDES
(NO) RN given refers to parent cpd

phosphatidylserine decarboxylase
(RN) EC 4.1.1.65
(RR) 9054-78-8 (CRN)
(HM) *CARBOXY-LYASES

phosphatidylsulfocholine
(SY) phosphatidyl sulfocholine
(SY) lecithin sulfonium analog
(HM) *PHOSPHATIDYLCHOLINES
(NO) from marine diatom Nitzschia alba

phosphatidyl sulfocholine see phosphatidylsulfocholine

phosphazine
(RN) 882-58-6
(SY) fosfemid
(SY) phosphemide
(HM) *AZIRIDINES
(PA) ANTINEOPLASTIC AGENTS
(NO) structure

phosphazomycin A
(SY) RK 803
(SY) RK-803
(HM) ORGANOPHOSPHORUS COMPOUNDS
(PA) ANTIBIOTICS, ANTIFUNGAL
(NO) from Streptomyces sp. No. RK-803

phosphemide see phosphazine

phosphenic acid see metaphosphoric acid

phosphine
(RN) 7803-51-2
(HM) *PHOSPHINES

phosphine-3R
(RN) 12768-82-0
(HM) *ACRIDINES
(II) FLUORESCENT DYES
(NO) structure given in first source

2-phosphinomethylmalic acid
(HM) *PHOSPHINOUS ACIDS
(HM) *MALATES
(NO) structure given in first source

phosphinothricin
(RN) 51276-47-2
(RR) 65322-99-8 (HCl)
(RR) 65322-99-8 (Cu(+2) salt)
(RR) 65323-00-4 (di-Na salt)
(RR) 65323-03-7 (mono-Na salt)
(RR) 65323-05-9 (di-NH4 salt)
(RR) 77182-82-2 (mono-NH4 salt)
(RR) 73853-08-4 (Ba[1:1] salt(+-)-isomer)
(RR) 35597-44-5 ((S)-isomer)
(RR) 80156-20-3 (Ca[2:1] salt(S)-isomer)
(RR) 73777-49-8 (HCl(S)-isomer)
(RR) 71203-28-6 (di-K salt(S)-isomer)
(RR) 71203-27-5 (mono-K salt(S)-isomer)
(RR) 71203-26-4 (di-Na salt(S)-isomer)
(RR) 70033-13-5 (mono-Na salt(S)-isomer)
(RR) 69545-64-8 (unspecified Na salt(S)-isomer)
(RR) 73777-50-1 (mono-NH4 salt(S)-isomer)
(SY) 2-amino-4-methylphosphinobutyric acid
(HM) *AMINOBUTYRIC ACIDS
(NO) RN given refers to parent cpd with unspecified isomeric designation; structure

phosphinothricyl-Ala-Ala see bialaphos

phosphinothricylalanylalanine see bialaphos

phospho-N-acetylmuramoyl pentapeptide transferase
(RN) EC 2.7.8.13
(RR) 9068-50-2 (CRN)
(SY) phospho-N-acetylmuramoyl-pentapeptide transferase
(SY) phospho-N-acetylmuramoyl-pentapeptide translocase
(HM) *PHOSPHOTRANSFERASES
(NO) enzyme important in murein synthesis which transfers the N-acetylmuramoylpentapeptide to a membrane-bound carrier that is a C-55 terpene alcohol phosphate; minor descriptor (75-84); on-line & Index Medicus search PHOSPHOTRANSFERASES (75-84)

phospho-N-acetylmuramoyl-pentapeptide transferase see phospho-N-acetylmuramoyl pentapeptide transferase

phospho-N-acetylmuramoyl-pentapeptide translocase see phospho-N-acetylmuramoyl pentapeptide transferase

phosphoadenosine diphosphoribose
(RN) 13552-81-3
(RR) 16562-85-9 ((beta-D-ribofuranose)-isomer)
(RR) 31921-07-0 (cpd with unspecified locant for ribose moiety)
(SY) phospho-ADP ribose
(SY) adenosine 2'-monophospho- 5'-diphosphoribose
(HM) *ADENOSINE DIPHOSPHATE RIBOSE/analogs
(PA) HYDROXYMETHYLGLUTARYL COA REDUCTASES/antag
(NO) RN given refers to (D-ribofuranose)-cpd; N1 refers to (beta-D-ribofuranose)-isomer

3'-phosphoadenosine-5'-phosphosulfate phosphohydrolase
(RN) EC 3.1.3.30
(SY) PAPS phosphohydrolase
(HM) *PHOSPHOMONOESTERASES

3'-phosphoadenosine 5'-phosphosulfate sulfotransferase see PAPS sulfotransferase

phospho-ADP ribose see phosphoadenosine diphosphoribose

phosphoarginine see phospho-L-arginine

phospho-L-arginine
(RN) 1189-11-3
(SY) phosphoarginine
(SY) arginine phosphate
(HM) ARGININE/*analogs
(HM) ORGANOPHOSPHORUS COMPOUNDS
(NO) inhibits pyruvate kinase

6-phospho-beta-D-galactosidase
(RN) EC 3.2.1.85
(RR) 37237-42-6 (CRN)
(SY) beta-phosphogalactosidase
(HM) *BETA-GALACTOSIDASES

1-(5'-phospho-beta-D-ribofuranosyl) barbituric acid
(RN) 29741-00-2
(SY) barbituric acid ribonucleoside 5'-phosphate
(SY) phosphoribofuranosylbarbituric acid
(SY) BMP
(HM) *URIDINE MONOPHOSPHATE/analogs

phosphocarrier protein HPr
(RN) EC 2.7.1.-
(SY) Staph aureus HPr protein
(SY) HPr protein
(SY) HPr protein, Salmonella
(SY) HPr protein, E coli
(HM) *PHOSPHOENOLPYRUVATE SUGAR PHOSPHOTRANSFERASE SYSTEM
(II) BACTERIAL PROTEINS
(NO) histidine containing phosphocarrier protein; component of the phosphoenolpyruvate sugar phosphotransferase system

phosphocarrier protein III (Glc) see phosphoenolpyruvate-glucose phosphocarrier protein

phosphocellulose
(RN) 9015-14-9
(SY) sodium cellulose phosphate
(SY) potassium cellulose phosphate
(SY) cellulose phosphate
(SY) cellulose polyphosphate
(SY) calcibind
(HM) CELLULOSE/*analogs
(II) CATION EXCHANGE RESINS
(NO) used in column chromatography for separation of catecholamines; affinity chromatography of pyruvate kinase; inhibits intestinal absorption of calcium

phosphocholine cytidyltransferase see cholinephosphate cytidylyltransferase

phosphocitrate
(RN) 2565-87-9
(SY) phosphocitric acid
(HM) *CITRATES
(NO) potent inhibitor of hydroxylapatite crystal growth in medium supersaturated with respect to Ca(2+) & phosphate

phosphocitric acid see phosphocitrate

phosphocreatinine
(RN) 5786-71-0
(RR) 19604-05-8 (di-Na salt)
(RR) 29038-94-6 (Mg(1+) salt)
(HM) PHOSPHOCREATINE/*analogs
(NO) cyclic deriv of phosphocreatine; RN given refers to parent cpd

phosphocyclocreatine
(RN) 61839-19-8
(SY) cyclocreatine phosphate
(SY) 1-carboxymethyl-2-imino-3-phosphonoimidazolidine
(SY) 1-carboxymethyl-2-iminophosphoimidazolidine
(HM) PHOSPHOCREATINE/*analogs
(NO) structure

5'-phosphocytidine 3'-phosphate see cytidine 3',5'-diphosphate

phosphodeoxyribomutase see phosphopentomutase

phospho-di-N-acetyl-alpha-chitobiosyl P-dolichylpyrophosphate see dolichyl-diphosphate-di-N-acetylchitobiose

phosphodiesterase I
(RN) EC 3.1.4.1
(RR) 9025-82-5 (CRN)
(SY) 5'-nucleotidephosphodiesterase
(SY) exonuclease A5
(SY) alkaline phosphodiesterase I
(SY) venom exonuclease
(SY) orthophosphoric diester phosphohydrolase
(SY) alkaline phosphodiesterase
(SY) snake venom phosphodiesterase
(SY) 5'-exonuclease
(HM) *PHOSPHODIESTERASES
(NO) substrate nucleotides may be replaced by specific nucleotide as appropriate

phosphodiesterase-phosphomonoesterase
(RN) EC 3.1.-
(SY) PDMase
(HM) *PHOSPHODIESTERASES
(HM) *PHOSPHOMONOESTERASES
(NO) from Fusarium moniliforme; hydrolyzes both phosphodiesters & phosphomonoesters

2'-phosphodiesterase
(RN) EC 3.1.13.-
(SY) (2'-5')oligo(A)-2'-phosphodiesterase
(SY) 2-5A phosphodiesterase
(SY) 2'-5'-oligoadenylate phosphodiesterase
(HM) *EXORIBONUCLEASES

2-5A phosphodiesterase see 2'-phosphodiesterase

phosphoenol-alpha-ketobutyrate see phosphoenol-2-ketobutyrate

phosphoenol-3-bromopyruvate
(RN) 44976-95-6
(SY) PPE-3-BP
(HM) PHOSPHOENOLPYRUVATE/*analogs
(PA) PHOSPHOENOLPYRUVATE CARBOXYLASE/antag
(NO) competetive inhibitor of phosphoenolpyruvate carboxylse

2-phosphoenolbutyrate see phosphoenol-2-ketobutyrate

phosphoenol-3-fluoropyruvate
(RN) 88253-16-1
(RR) 88253-17-2 ((E)-isomer
(SY) PPE-3-F
(HM) PHOSPHOENOLPYRUVATE/*analogs
(NO) RN given from first source; RN given refers to (Z)-isomer; RN for cpd without isomeric designation not in Chemline 5/84

phosphoenol-2-ketobutyrate
(RN) 25956-55-2
(SY) 2-phosphoenolbutyrate
(SY) 2-PEB
(SY) phosphoenol-alpha-ketobutyrate
(HM) PHOSPHOENOLPYRUVATE/*analogs
(NO) RN given refers to parent acid; structure

phosphoenolpyruvate carboxykinase ferroactivator
(SY) PEPCK ferroactivator
(HM) *PROTEINS
(HM) *PHOSPHOENOLPYRUVATE CARBOXYKINASES
(II) ENZYME ACTIVATION
(NO) cytosolic protein which allows PEP carboxykinase to be stimulated by ferrous ions; in rat liver with catalase activity

phosphoenolpyruvate-dihydroxyacetone phosphotransferase
(RN) EC 2.7.1.-
(SY) PEP-dihydroxyacetone phosphotransferase
(SY) PEP-DAP
(HM) *PHOSPHOENOLPYRUVATE SUGAR PHOSPHOTRANSFERASE SYSTEM

phosphoenolpyruvate-fructose phosphotransferase
(RN) EC 2.7.1.98
(SY) enzyme II (fructose)
(HM) *PHOSPHOENOLPYRUVATE SUGAR PHOSPHOTRANSFERASE SYSTEM

phosphoenolpyruvate-galactitol phosphotransferase
(RN) EC 2.7.1.-
(SY) enzyme II (galactitol)
(HM) *PHOSPHOENOLPYRUVATE SUGAR PHOSPHOTRANSFERASE SYSTEM

phosphoenolpyruvate-galactose phosphotransferase
(RN) EC 2.7.1.-
(SY) Gal-PEPPTS
(SY) enzyme II (galactose)
(SY) galactose-phosphoenolpyruvate-dependent phosphotransferase system
(HM) *PHOSPHOENOLPYRUVATE SUGAR PHOSPHOTRANSFERASE SYSTEM

phosphoenolpyruvate-glucitol phosphocarrier protein
(RN) EC 2.7.1.-
(SY) enzyme III (glucitol) PEPPTS
(HM) *PHOSPHOENOLPYRUVATE SUGAR PHOSPHOTRANSFERASE SYSTEM

phosphoenolpyruvate-glucose phosphocarrier protein
(RN) EC 2.7.1.-
(SY) enzyme III (Glc, Scr)
(SY) enzyme III(Glc) PEPPTS
(SY) phosphocarrier protein III (Glc)
(HM) *PHOSPHOENOLPYRUVATE SUGAR PHOSPHOTRANSFERASE SYSTEM

phosphoenolpyruvate-glucose phosphotransferase
(RN) EC 2.7.1.-
(SY) II-B(Glc) PEPPTS
(SY) enzyme II-B(Glc) phosphoenolpyruvate phosphotransferase system
(SY) enzyme II (glucose)
(HM) *PHOSPHOENOLPYRUVATE SUGAR PHOSPHOTRANSFERASE SYSTEM
(NO) specific for glucose & nonmetabolizable analogs methyl alpha glucoside, beta-D-thioglucose & 5-thioglucose

phosphoenolpyruvate-mannitol phosphotransferase
(RN) EC 2.7.1.-
(SY) PEP-mannitol phosphotransferase
(SY) enzyme II(Mtl)
(SY) mannitol permease
(SY) mannitol enzyme II
(HM) *PHOSPHOENOLPYRUVATE SUGAR PHOSPHOTRANSFERASE SYSTEM

phosphoenolpyruvate-mannose phosphotransferase
(RN) EC 2.7.1.-
(SY) enzyme II (mannose)
(HM) *PHOSPHOENOLPYRUVATE SUGAR PHOSPHOTRANSFERASE SYSTEM

phosphoenolpyruvate-protein phosphotransferase
(RN) EC 2.7.3.9
(SY) enzyme I, phosphoenolpyruvate sugar phosphotransferase system
(SY) enzyme I PEPPTS
(HM) *PHOSPHOENOLPYRUVATE SUGAR PHOSPHOTRANSFERASE SYSTEM
(NO) enzyme I of the system

phosphoenolpyruvate-sorbitol phosphotransferase
(RN) EC 2.7.1.-
(SY) enzyme II (sorbitol)
(HM) *PHOSPHOENOLPYRUVATE SUGAR PHOSPHOTRANSFERASE SYSTEM

phosphoenolpyruvate synthase see pyruvate, water dikinase

phosphoenolpyruvate-UDP-N- acetylglucosaminyltransferase see PEP-UDP-GlcNAc transferase

phosphoenolpyruvate-xylitol phosphotransferase
(RN) EC 2.7.1.-
(SY) xylitol PTase
(SY) III(XTL) phosphocarrier protein
(SY) xylitol phosphotransferase system
(SY) PEP-xylitol phosphotransferase
(SY) enzyme III(XTL)
(HM) *PHOSPHOENOLPYRUVATE SUGAR PHOSPHOTRANSFERASE SYSTEM

phosphoenolypyruvate synthetase see pyruvate, water dikinase

phosphoethanolamine see phosphorylethanolamine

phosphofructokinase activation factor see fructose 2,6-diphosphate

phosphofructokinase activator see fructose 2,6-diphosphate

phosphofructokinase phosphatase
(RN) EC 3.1.3.-
(SY) PFK-inactivating enzyme
(HM) *PHOSPHOPROTEIN PHOSPHATASES
(NO) may be an aspect of EC 3.1.3.16

phosphofructokinase regulatory factor A see phophofructokinase regulatory factors

phosphofructokinase regulatory factor B see phophofructokinase regulatory factors

phosphofructokinase regulatory subunit
(RN) EC 2.7.1.-
(SY) PFK regulatory subunit
(HM) *PHOSPHOFRUCTOKINASE
(II) ALLOSTERIC REGULATION

6-phosphofructo-2-kinase
(RN) EC 2.7.1.105
(SY) ATP-D-fructose-6-phosphate 2-phosphotransferase
(SY) fructose-6-phosphate,2-kinase
(SY) frusctose-6-P,2-kinase
(HM) *PHOSPHOTRANSFERASES, ATP
(NO) copurifies with fructose-2,6-bisphosphatase; probably is a single protein with both activities

phosphoglucokinase
(RN) EC 2.7.1.10
(SY) glucose-1-phosphate kinase
(HM) *PHOSPHOTRANSFERASES, ATP

phosphogluconate dehydrase see phosphogluconate dehydratase

phosphogluconate dehydratase
(RN) EC 4.2.1.12
(RR) 9024-33-3 (CRN)
(SY) phosphogluconate dehydrase
(HM) *HYDRO-LYASES

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phosphogluconate dehydrogenase (decarboxylating)
(RN) EC 1.1.1.44
(RR) 9073-95-4 (CRN)
(SY) 6-phosphogluconate dehydrogenase (decarboxylating)
(SY) 6-phospho-D-gluconate NADP+ 2-oxidoreductase (decarboxylating)
(SY) gluconate 6-phosphate dehydrogenase
(HM) *PHOSPHOGLUCONATE DEHYDROGENASE

6-phosphogluconate dehydrogenase (decarboxylating) see phosphogluconate dehydrogenase (decarboxylating)

6-phospho-D-gluconate NADP+ 2-oxidoreductase (decarboxylating) see phosphogluconate dehydrogenase (decarboxylating)

6-phosphogluconate
(RN) 921-62-0
(SY) gluconate 6-phosphate
(HM) *GLUCONATES

6-phosphogluconolactonase
(RN) EC 3.1.1.31
(SY) D-glucono-delta-lactone hydrolase
(HM) *CARBOXYLIC ESTER HYDROLASES

phosphoglycerate dehydrogenase
(RN) EC 1.1.1.95
(RR) 9075-29-0 (CRN)
(SY) phosphoglycerate oxidoreductase
(SY) 3-phosphoglycerate-NAD+ 2-oxidoreductase
(HM) *CARBOHYDRATE DEHYDROGENASES
(NO) catalyzes the oxidation of 3-phosphoglyceric acid to 3-phosphohydroxy pyruvate, which can be transaminated & then hydrolyzed to give serine; minor descriptor (75-85); on-line & Index Medicus search ALCOHOL OXIDOREDUCTASES (75-77) & CARBOHYDRATE DEHYDROGENASES (78-85)

3-phosphoglycerate-NAD+ 2-oxidoreductase see phosphoglycerate dehydrogenase

phosphoglycerate oxidoreductase see phosphoglycerate dehydrogenase

2-phosphoglycerate
(RN) 2553-59-5
(RR) 23295-92-3 ((S)-isomer)
(RR) 3443-57-0 ((R)-isomer)
(RR) 5957-07-3 ((+-)-isomer)
(RR) 922-94-1 (mono-Na salt)
(HM) *GLYCERIC ACIDS
(NO) RN given refers to cpd without isomeric designation

3-phosphoglycerate
(RN) 820-11-1
(RR) 3443-58-1 ((R)-isomer)
(RR) 927-10-6 (mono-Na salt)
(RR) 61546-67-6 (tri-Na salt)
(HM) *GLYCERIC ACIDS
(NO) RN given refers to cpd without isomeric designation

phosphoglycerol transferase
(RN) EC 2.7.8.-
(SY) phosphoglycerol transferase I
(HM) *PHOSPHOTRANSFERASES
(NO) transfers phosphoglycerol residues from phosphatidylglycerol to membrane-derived oligosaccharides of E coli

phosphoglycerol transferase I see phosphoglycerol transferase

1-(1-phosphoglyceryl)inositol 4,5-diphosphate see phosphatidyl-myo-inositol 4,5-diphosphate

phosphoglycolate
(RN) 13147-57-4
(SY) phosphoglycolic acid
(SY) glycolate-2-P
(HM) *GLYCOLATES
(NO) RN given refers to parent acid

phosphoglycolate phosphatase see phosphoglycollate phosphatase

phosphoglycolic acid see phosphoglycolate

phosphoglycollate phosphatase
(RN) EC 3.1.3.18
(RR) 9025-76-7 (CRN)
(SY) phosphoglycolate phosphatase
(HM) *PHOSPHOMONOESTERASES

phosphoglycoprotein GP72
(SY) GP72 phosphoglycoprotein
(HM) *PHOSPHOPROTEINS
(HM) *GLYCOPROTEINS
(II) TRYPANOSOMA CRUZI
(NO) from Trypanosoma cruzi; contains 41% protein, 49% carbohydrate & 10% phosphate

phosphohistidine
(RN) 4936-08-7
(HM) HISTIDINE/*analogs
(NO) RN given refers to N-phosphono-L-histidine; RN for cpd without isomeric designation not in Chemline 7/18/83

phosphohomocyclocreatine
(RN) 84744-77-4
(SY) homocyclocreatine-P
(SY) 1-carboxyethyl-2-iminoimidazolidine-3-phosphate
(HM) PHOSPHOCREATINE/*analogs
(NO) structure given in first source

phosphoinositide kinase see phosphatidylinositol kinase

phospho-jet
(SY) dimethylaminophenyl phosphonate
(HM) *ORGANOPHOSPHORUS COMPOUNDS
(NO) used in treatment of puerperal hemoglobinuria in cows

6-phospho-2-keto-3-deoxy-galactonate aldolase
(RN) EC 4.1.2.21
(SY) 2-keto-3-deoxygalactonate-6-phosphate aldolase
(HM) *ALDEHYDE-LYASES

phospho-2-keto-3-deoxy-gluconate aldolase
(RN) EC 4.1.2.14
(RR) 9024-53-7 (CRN)
(SY) 2-keto-3-deoxy-6-phosphogluconate aldolase
(SY) 6-phospho-2-keto-3-deoxy-D-gluconate D-glyceraldehyde-3-phosphate-lyase
(HM) *ALDEHYDE-LYASES
(NO) minor descriptor (75-84); on-line & Index Medicus search ALDEHYDE-LYASES (75-84)

6-phospho-2-keto-3-deoxy-D-gluconate D-glyceraldehyde-3-phosphate-lyase see phospho-2-keto-3-deoxy-gluconate aldolase

phosphoketolase
(RN) EC 4.1.2.9
(RR) 9031-75-8 (CRN)
(HM) *ALDEHYDE-LYASES

phospholamban
(HM) *CALCIUM-BINDING PROTEINS
(II) ADENOSINE TRIPHOSPHATASE
(NO) regulator for Ca transport ATPase of cardiac sarcoplasmic reticulum; becomes resistant to tryptic digestion upon phosphorylation by cAMP-dependent protein kinase; protective effect of phosphorylation is accompanied by persistence of the protein kinase-induced stimulation of Ca transport; MW 22,000

phospholamban monomer protein see sarcolemma protein

phospholan see phosfolan

phospho-Leu-Phe see phosphorylleucylphenylalanine

phospholipid-choline exchange enzyme see phospholipid serine base exchange enzyme

phospholipid desaturase
(RN) EC 1.-
(HM) *FATTY ACID DESATURASES

phospholipid exchange protein see phospholipid exchange proteins

phospholipid exchange proteins
(SY) nonspecific phospholipid transfer proteins
(SY) phospholipid exchange protein
(SY) phospholipid transfer protein
(HM) *CARRIER PROTEINS
(II) PHOSPHOLIPIDS
(NO) exchange proteins refer to the reversible transfer of phospholipids between a donor & an acceptor particle; see also record for lipid exchange protein

phospholipid methyltransferase see phosphatidylethanolamine methyltransferase

phospholipid methyltransferase II see phosphatidylethanolamine-methyltransferase II

phospholipid serine base exchange enzyme
(RN) EC 2.-
(SY) serine exchange enzyme
(SY) serine phospholipid exchange enzyme
(SY) base exchange enzyme
(SY) phospholipid-choline exchange enzyme
(HM) *TRANSFERASES
(NO) exchanges serine, choline or ethanolamine for another base in phospholipids; may possibly be phospholipase D

phospholipid transfer protein see phospholipid exchange proteins

phosphomanan
(RN) 9044-08-0
(HM) *MANNANS

phosphomannosyl enzyme receptor see acid hydrolase receptor

phosphomannosyl enzyme receptors see acid hydrolase receptor

phosphomannosyl receptor see acid hydrolase receptor

6-phosphomannosyl receptor see mannose-6-phosphate receptor

1-phospho-5-methylthioribose see 5'-methylthioribose 1-phosphate

1-phospho-5-S-methylthioribulose
(RN) 86316-83-8
(SY) 1-PMTR
(SY) methylthioribulose 1-phosphate
(HM) *RIBULOSEPHOSPHATES

phosphomevalonate see phosphomevalonic acid

phosphomevalonate kinase
(RN) EC 2.7.4.2
(SY) MVAP kinase
(HM) *PHOSPHOTRANSFERASES, ATP

phosphomevalonic acid
(RN) 1189-94-2
(RR) 29193-85-9 ((+-)-isomer)
(SY) phosphomevalonate
(HM) MEVALONIC ACID/*analogs
(NO) RN given refers to cpd without isomeric designation

phosphomolybdic acid
(RN) 11104-88-4
(RR) 12704-86-8 (NH4 salt)
(RR) 68130-37-0 (Co salt)
(RR) 68130-36-9 (Ni salt)
(RR) 12263-13-7 (Ni(2+)[2:3] salt)
(RR) 12263-08-0 (Co(2+)[2:3] salt)
(RR) 12026-66-3 (tri-NH4 salt)
(RR) 1313-30-0 (tri-Na salt)
(RR) 12026-57-2 (trihydride)
(SY) ammonium molybdophosphate
(HM) *MOLYBDENUM
(HM) *PHOSPHORIC ACIDS
(NO) RN given refers to cpd with unspecified MF

N-(phosphonacetyl)-L-aspartate see NSC 224131

phosphonate esterase
(RN) EC 3.11.1.-
(HM) *PHOSPHATASES
(NO) hydrolyzes 4-nitrophenyl phenylphosphonate to yield 4-nitrophenol & phenylphosphonic acid

N-(phosphonoacetyl)-L-aspartate see NSC 224131

N-(phosphonoacetyl)-L-ornithine see N-delta-(phosphonoacetyl)-L-ornithine

2-phosphonobutane-1,2,4-tricarboxylic acid
(RN) 37971-36-1
(RR) 81897-36-1 (unspecified locants)
(RR) 62682-12-6 (tri-Na salt)
(RR) 40372-66-5 (unspecified Na salt)
(SY) PBTA
(HM) *ORGANOPHOSPHORUS COMPOUNDS
(PA) DENTAL PLAQUE/drug effects
(NO) dental plaque crystal growth inhibitor; RN given for parent cpd; structure given in first source

5-(2-phosphonoethyl)pyridoxal
(RN) 32555-98-9
(HM) PYRIDOXAL/*analogs
(PA) CONVULSANTS

phosphonoformate see phosphonoformic acid

phosphonoformic acid
(RN) 4428-95-9
(RR) 63585-09-1 (tri-Na salt)
(RR) 55920-08-6 (Ba[2:3] salt)
(RR) 55920-07-5 (Mn[2:3] salt)
(RR) 55920-05-3 (Mg[2:3] salt)
(RR) 55920-04-2 (Ca[2:3] salt)
(RR) 55920-03-1 (tri-K salt)
(RR) 55920-02-0 (tri-Li salt)
(RR) 66706-14-7 (di-Na salt)
(SY) phosphonoformate
(SY) trisodium phosphonoformate
(SY) foscarnet
(SY) forscarnet sodium
(HM) *PHOSPHONOACETIC ACID/analogs
(PA) CATHARTICS
(PA) ANTIVIRAL AGENTS
(NO) RN given refers to parent cpd

phosphonolipids
(HM) *PHOSPHOLIPIDS

N(1)-phosphono-L-lysine see N(alpha)-phospholysine

N(6)-phosphono-L-lysine see N-epsilon phospholysine

N-(phosphonomethyl)glycine see glyphosate

6-phosphononorleucine see 2-amino-6-phosphonohexanoic acid

phosphono-PAF see phosphono-platelet activating factor

phosphono-platelet activating factor
(RN) 87233-23-6
(SY) 1-O-hexadecyl-2-O-acetylglyceryl-3(2-trimethyl ammoniummethyl)phosphonate
(SY) phosphono-PAF
(HM) PLATELET ACTIVATING FACTOR/*analogs
(NO) structure given in first source

2-phosphonoxybenzoic acid see 2-carboxyphenylphosphoric acid

4'-phosphopantetheine-apofatty acid synthetase transferase see holo-(acyl-carrier-protein) synthase

4'-phosphopantetheine-holofatty acid synthetase hydrolase see (acyl-carrier-protein) phosphodiesterase

4'-phosphopantetheine hydrolase see (acyl-carrier-protein) phosphodiesterase

4'-phosphopantetheine transferase see holo-(acyl-carrier-protein) synthase

4'-phosphopantetheine
(RN) 2226-71-3
(HM) *PANTETHEINE/analogs

phosphopantothenic acid
(RN) 5875-50-3
(RR) 40681-85-4 (Ca[2:1] salt)
(RR) 42355-86-2 (unspecified Ca salt(R)-isomer)
(HM) PANTOTHENIC ACID/*analogs
(NO) RN given refers to (R)-isomer; RN for cpd without isomeric designation not in Chemline 7/18/83

phosphopentomutase
(RN) EC 2.7.5.6
(SY) phosphodeoxyribomutase
(HM) *PHOSPHOTRANSFERASES

phosphophoryn
(SY) dentinal phosphophoryn
(SY) dentin protein (non-collagenous)
(SY) dentin phosphoprotein (non-collagenous)
(HM) *PHOSPHOPROTEINS
(NO) active phosphoproteins; involved in the mineralization of the dental process; found in decalcified rat dentin matrix; not covalently bound to collagen

phosphoprotein (B-50) see phosphoprotein B 50

phosphoprotein B 50
(SY) phosphoprotein B-50
(SY) phosphoprotein (B-50)
(HM) *PHOSPHOPROTEINS
(II) SYNAPTIC MEMBRANES
(NO) found in brain synaptosomal plasma membranes; protein MW 46,000

phosphoprotein B-50 see phosphoprotein B 50

phosphoprotein C23
(SY) nucleolar acidic phosphoprotein C23
(HM) *PHOSPHOPROTEINS
(II) NUCLEOPROTEINS
(II) NEOPLASM PROTEINS
(NO) MW 110,000, highly methylated major acidic phosphoprotein in nucleolus of Novikoff hepatoma cells; other nucleolar acidic phospoprotein: B23 with MW 37,000

phosphoprotein F1
(SY) brain protein F1
(HM) *PHOSPHOPROTEINS
(HM) *NERVE TISSUE PROTEINS
(NO) MW 47 kD protein kinase C substrate; related to synaptic plasticity

phosphoprotein B2, non-histone chromosomal protein see chromosomal phosphoprotein B2

phosphoprotein phosphatase kinase see phosphatase-1 kinase

phosphoprotein pp60(src)
(SY) pp60(src)
(SY) Rous sarcoma virus transforming protein pp60 (src)
(SY) protein pp60(src)
(SY) avian sarcoma virus transforming protein
(SY) P110 avian sarcoma virus transforming protein
(SY) P105 avian sarcoma virus transforming protein
(SY) protein p60(src)
(SY) pp60(v-src)
(SY) p60(v-src)
(SY) Fujinami sarcoma virus transforming protein P140
(SY) FSV P140
(HM) *RETROVIRIDAE PROTEINS
(II) PROTEIN KINASES
(NO) product of transforming "src" gene of Rous sarcoma virus; has tyrosine-specific protein kinase activity; FSV P140 properties similar to RSV pp60(src)

phosphoprotein pp60(c-src)
(SY) normal cell homolog protein pp60(c-src)
(SY) pp60(c-src)
(HM) *PROTO-ONCOGENE PROTEINS, CELLULAR
(II) PROTEIN KINASES
(NO) normal cellular homolog to viral transforming pp(v-src) protein; can be functionally discriminated on basis of sensitivity to protein kinase inhibition by Ap4A

phosphoprotein pp90 (yes)
(SY) pp90 (yes)
(SY) Y73 sarcoma virus transforming protein pp90 (yes)
(SY) pp60(yes)
(HM) *RETROVIRIDAE PROTEINS
(II) PROTEIN KINASES
(NO) phosphoprotein of transforming "yes" gene of Y73 sarcoma virus; has tyrosine-specific protein kinase activity

phosphoprotein pp105
(SY) pp105
(HM) *PHOSPHOPROTEINS
(NO) from Simian virus 40-transformed mouse fibroblasts; products of endogenous phosphorylation on the cell surface of transformed mouse, hamster, & human cells

phosphoprotein pp 135
(SY) pp 135
(HM) *PHOSPHOPROTEINS
(II) NUCLEOPROTEINS
(NO) one of dominant proteins endogenously phosphorylated in cellular sonicates during short-term exposure to ATP; from nucleoli of various cell lines

phosphoprotein pp53
(SY) pp53
(SY) p53 transformation-related protein
(SY) p53 protein
(SY) cellular protein p53
(SY) nucleoprotein p53
(SY) p53 antigen
(SY) antigen p53
(SY) tumor antigen p53
(SY) transformation associated protein p53
(SY) protein p53
(HM) *PHOSPHOPROTEINS
(HM) *NEOPLASM PROTEINS
(II) NUCLEOPROTEINS
(NO) phosphoprotein found in human cell lines derived from spontaneous tumors or transformed in vitro with simian virus 40, Epstein-Barr virus, methylcholanthrene; MW 53,000

phosphoprotein P1
(SY) ribosomal phosphoprotein P1
(HM) *PHOSPHOPROTEINS
(II) RIBOSOMAL PROTEINS
(NO) induced by interferon; MW 67,000

phosphoprotein P180 see plasma membrane phosphoprotein P180

phosphoprotein p60 (Xenopus oocyte)
(SY) phosphoprotein 60 XO
(HM) *RIBONUCLEOPROTEINS
(HM) *PHOSPHOPROTEINS
(II) *EGG PROTEINS
(NO) phosphorylated protein; part of the ribonucleoprotein; binds stored messenger RNA; MW 60-kDa

phosphoprotein 60 XO see phosphoprotein p60 (Xenopus oocyte)

5-phosphopyridoxine see pyridoxine 5-phosphate

phosphoramide mustard
(RN) 10159-53-2
(HM) *PHOSPHORAMIDE MUSTARDS

phosphoramidic acid
(RN) 2817-45-0
(RR) 27870-23-1 (Na salt)
(HM) *PHOSPHORIC ACIDS
(HM) *AMIDES
(NO) urease inhibitor; RN given refers to parent cpd; structure

phosphoramidon
(RN) 36357-77-4
(SY) N-alpha-L-rhamnopyranosyloxyhydroxyphosphinyl)-L- leucyl-L-tryptophan
(HM) *GLYCOPEPTIDES
(PA) THERMOLYSIN/antag
(PA) ANTIBIOTICS
(NC) thermolysin inhibitor from culture filtrate of Streptomyces tanashiensis; structure

phosphoribofuranosylbarbituric acid see 1-(5'-phospho-beta-D-ribofuranosyl)barbituric acid

phosphoriboisomerase see ribosephosphate isomerase

phosphoribomutase
(RN) EC 2.7.5.-
(HM) *PHOSPHOTRANSFERASES
(NO) converts ribose-1-phosphate to ribose-5-phosphate

2'-(5"-phosphoribosyl)-5'-adenosine monophosphate
(RN) 15720-01-1
(SY) ribosyladenosine 5',5"-bis(phosphate)
(SY) 2-(5"-phosphoribosyl)-5'-AMP
(HM) ADENOSINE MONOPHOSPHATE/*analogs
(NO) monomer of polyADP ribose

phosphoribosylamine
(RN) 14050-66-9
(HM) *RIBOSEMONOPHOSPHATES

phosphoribosylaminoimidazolecarboxamide formyltransferase
(RN) EC 2.1.2.3
(RR) 9032-03-5 (CRN)
(SY) AICAR transformylase
(SY) AICAR formyltransferase
(HM) *ACYLTRANSFERASES

5'-phosphoribosyl-5-amino-4-imidazolecarboxamide see AICA ribonucleotide

phosphoribosylaminoimidazole carboxylase
(RN) EC 4.1.1.21
(RR) 9032-04-6 (CRN)
(SY) aminoimidazole ribonucleotide carboxylase
(HM) *CARBOXY-LYASES

phosphoribosylaminoimidazole-succinocarboxamide synthetase
(RN) EC 6.3.2.6
(RR) 9023-67-0 (CRN)
(SY) aminoimidazole N-succinocarboxamide ribonucleotide synthetase
(SY) SAICAR synthetase
(HM) *PEPTIDE SYNTHETASES

phosphoribosylaminoimidazole synthase
(RN) EC 6.3.3.1
(RR) 9023-53-4 (CRN)
(HM) *LIGASES

2-(5"-phosphoribosyl)-5'-AMP see 2'-(5"-phosphoribosyl)-5'-adenosine monophosphate

N-5'-phosphoribosylanthranilate isomerase
(RN) EC 5.3.-
(HM) *ISOMERASES
(NO) converts phosphoribosylanthranilate to 1-(o-carboxyphenylamino)-1-deoxyribulose 5-phosphate

N-(5'-phosphoribosyl)anthranilate isomerase
(RN) EC 5.3.1.-
(SY) PRA isomerase
(HM) *CARBOHYDRATE ISOMERASES
(NO) forms 1-(2-carboxyphenylamino)-1-deoxyribulose 5-phosphate

phosphoribosylformylglycinamidine synthetase
(RN) EC 6.3.5.3
(RR) 9032-84-2 (CRN)
(SY) formylglycineamide ribonucleotide amidotransferase
(SY) FGAR amidotransferase
(SY) FGAM synthetase
(SY) FGAR synthetase
(HM) *LIGASES

phosphoribosyl-N-formylglycineamide
(RN) 349-34-8
(SY) formylglycineamideribotide
(SY) formylglycinamide ribonucleotide
(HM) GLYCINE/*analogs
(HM) *RIBONUCLEOTIDES

phosphoribosylglycinamide formyltransferase
(RN) EC 2.1.2.2
(RR) 9032-02-4 (CRN)
(SY) glycinamideribotide transformylase
(SY) GAR transformylase
(HM) *ACYLTRANSFERASES

phosphoribosyl-glycineamide synthetase
(RN) EC 6.3.4.13
(RR) 9032-01-3 (CRN)
(SY) GAR synthetase
(SY) glycinamide ribonucleotide synthetase
(HM) *LIGASES

5'-phosphoribosylglycineamide see glycineamide ribonucleotide

phosphoribosylpyrophosphate
(RN) 97-55-2
(RR) 7540-64-9 ((alpha-D-ribofuranose)-isomer)
(RR) 26015-29-2 (Mg[1:2] salt(alpha-D-ribofuranose)-isomer)
(SY) PP-ribose-P
(HM) *PENTOSEPHOSPHATES
(NO) RN given refers to ribofuranose-cpd

phosphoribosyl pyrophosphate aminotransferase
(RN) EC 2.6.1.-
(SY) PP-ribose-P aminotransferase
(SY) ammonia phosphoribosylpyrophosphate aminotransferase
(SY) PP-ribose-P aminotransferase
(HM) *AMINOTRANSFERASES

5-phosphoribosyl 1-O-(1-thiodiphosphate)
(RN) 91389-14-9
(RR) 91465-65-5 ((R)-isomer)
(SY) P-Rib-PPalphaS
(HM) *PHOSPHORIBOSYL PYROPHOSPHATE/analogs
(NO) RN & structure given in first source; RN given refers to (S)-isomer; RN without isomeric designation not available 12/84

5-phosphoribosyl 1-O-(2-thiodiphosphate)
(RN) 91385-22-7
(SY) P-Rib-PPbetaS
(HM) *PHOSPHORIBOSYL PYROPHOSPHATE/analogs
(NO) RN & structure given in first source; RN not in Chemline 12/84

phosphoribulokinase
(RN) EC 2.7.1.19
(RR) 9030-60-8 (CRN)
(SY) ribulose-5-phosphate kinase
(HM) *PHOSPHOTRANSFERASES, ATP

phosphoric acid
(RN) 7664-38-2
(SY) Concise etchant
(HM) *PHOSPHORIC ACIDS
(NO) concise etchant is 37% H3PO4

phosphoric acid, monosodium salt see sodium phosphate

phosphoric phenyl ester diamide
(RN) 7450-69-3
(SY) PPED
(HM) *PHOSPHORIC ACID ESTERS
(PA) UREASE/antag

phosphorin see phosphate-binding proteolipid

phosphorous hexate
(HM) *ORGANOPHOSPHORUS COMPOUNDS
(NO) acid from water-soluble (aqua-core) solder flux; proprietary substance with MF: C6-H8-O28-P6 & boiling pt. 123 C

phosphorous trichloride see phosphorus trichloride

phosphorus oxychloride see phosphoryl chloride

phosphorus sesquisulfide
(RN) 1314-85-8
(SY) phosphorus sesquisulphide
(HM) *PHOSPHORUS
(II) ALLERGENS

phosphorus sesquisulphide see phosphorus sesquisulfide

phosphorus trichloride
(RN) 7719-12-2
(SY) phosphorous trichloride
(HM) *PHOSPHORUS
(HM) *CHLORIDES

phosphorylase kinase phosphatase
(RN) EC 3.1.3.-
(HM) *PHOSPHOPROTEIN PHOSPHATASES
(NO) aspect of phosphoprotein phosphatase EC 3.1.3.16

phosphorylase phosphatase inhibitor I see protein phosphatase inhibitor-1

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phosphorylated filaggrin see stratum corneum basic protein precursor

phosphoryl chloride
(RN) 10025-87-3
(SY) phosphorus oxychloride
(HM) *PHOSPHORUS
(NO) structure

phosphorylcholine binding protein see phosphorylcholine-binding protein

phosphorylcholine-binding protein
(SY) P-choline BP
(SY) phosphorylcholine binding protein
(HM) *CARRIER PROTEINS
(II) PHOSPHORYLCHOLINE

phosphorylcholine-ceramide transferase see ceramide cholinephosphotransferase

phosphorylcholine cytidyl transferase see cholinephosphate cytidylyltransferase

3'-O-(5'-phosphoryldeoxycytidyl) S-bimane phosphorothioate
(SY) PDCPS-bimane
(HM) *DEOXYCYTOSINE NUCLEOTIDES
(HM) *BICYCLO COMPOUNDS
(II) FLUORESCENT DYES
(NO) structure given in first source

3'-O-(5'-phosphoryldeoxycytidyl) phosphorothioate
(SY) PDCPS
(HM) *DEOXYCYTOSINE NUCLEOTIDES
(NO) structure given in first source

phosphorylephedrine see ephedrine phosphate

phosphorylethanolamine
(RN) 1071-23-4
(RR) 10389-08-9 (Ca[1:1] salt)
(RR) 34851-96-2 (Mg[1:1] salt)
(RR) 37785-54-9 (Zn salt)
(RR) 62595-24-8 (Co(2+)[1:1] salt)
(RR) 24027-75-6 (3H-labeled cpd)
(SY) phosphoethanolamine
(SY) ethanolamine phosphate
(HM) *ETHANOLAMINES
(NO) RN given refers to parent cpd; structure

O-phosphorylethanolamine phospho-lyase
(RN) EC 4.6.-
(SY) PEA-P-lyase
(HM) *LYASES
(NO) O-phosphorylethanolamine gives ammonia, acetaldehyde & inorganic phosphate

phosphoryl-leucyl-phenylalanine see phosphorylleucylphenylalanine

phosphorylleucylphenylalanine
(RN) 80826-98-8
(SY) KPLP
(SY) phosphoryl-L-leucyl-L-phenylalanine potassium
(SY) phospho-Leu-Phe
(SY) phosphoryl-Leu-Phe
(SY) phosphoryl-leucyl-phenylalanine
(SY) L-phenylalanine, N-(N-phosphono-L-leucyl)-
(HM) *DIPEPTIDES
(NO) enkephalinase inhibitor

phosphoryl-L-leucyl-L-phenylalanine potassium see phosphorylleucylphenylalanine

phosphoryl-Leu-Phe see phosphorylleucylphenylalanine

phosphorylphosphatase
(RN) EC 3.1.3.-
(SY) organophosphate hydrolase
(HM) *PHOSPHOMONOESTERASES
(NO) may be reversed to catalyze the in vitro synthesis of sarin & soman from their corresponding hydrolytic products

phosphoserine aminotransferase
(RN) EC 2.6.1.52
(SY) hydroxypyruvate-P glutamate transaminase
(HM) *AMINOTRANSFERASES

phosphoserine phosphatase
(RN) EC 3.1.3.3
(RR) 9025-73-4 (CRN)
(HM) *PHOSPHOMONOESTERASES

phosphoseryl-tRNA see tRNA, O(beta)-phosphoserine-

phosphothreonine phosphatase
(RN) EC 3.1.3.-
(HM) *PHOSPHOMONOESTERASES

phosphotroponin
(HM) TROPONIN/*analogs
(NO) phosphate at serine(1) of T subunit

phosphotyrosine
(RN) 21820-51-9
(RR) 41863-47-2 ((DL)-isomer)
(SY) tyrosine-O-phosphate
(HM) TYROSINE/*analogs
(NO) RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 7/18/83

phosphotyrosine phosphatase see protein-tyrosine phosphatase

phosphotyrosyl protein phosphatase see protein-tyrosine phosphatase

phospinothricyl-alanyl-alanine see bialaphos

Phostoxin
(RN) 20859-73-8
(HM) *PHOSPHINES
(PA) PESTICIDES

phosvitin kinase
(RN) EC 2.7.1.-
(HM) *PROTEIN KINASES
(NO) aspect of EC 2.7.1.37, protein kinase

phosvitin receptor
(SY) phosvitin receptors
(SY) receptor, phosvitin
(SY) PV receptor
(SY) vitellogenin receptor
(SY) vitellogenin receptors
(SY) receptor, vitellogenin
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) PHOSVITIN
(II) VITELLOGENIN

phosvitin receptors see phosvitin receptor

photobilirubin
(RN) 79619-29-7
(SY) photobilirubin-IXa
(SY) photobilirubin II
(HM) *BILIRUBIN
(II) ISOMERISM
(II) PHOTOCHEMISTRY

photobilirubin II see photobilirubin

photobilirubin-IXa see photobilirubin

photobiotin
(SY) N-(4-azido-2-nitrophenyl)-N',N-biotinyl-3-aminopropyl)-N'-methyl-1,3-propanediamine
(HM) BIOTIN/*analogs
(HM) *AZIDES
(II) AFFINITY LABELS
(NO) structure given in first source

photochemical reaction center see reaction-center protein, bacterial

photochemical reaction center, plant see reaction-center protein, plant

photodieldrin
(RN) 13366-73-9
(HM) DIELDRIN/*analogs

photofrin see hematoporphyrin D

photofrin II see hematoporphyrin D

photomirex
(RN) 39801-14-4
(SY) 8-monohydromirex
(HM) *MIREX/analogs
(NO) major photodecomposition product of mirex (dodecachloro)

photorhodopsin
(HM) *RHODOPSIN/analogs
(NO) rhodopsin intermediate

photosynthetic pigment-protein complex, bacterial see reaction-center protein, bacterial

photosystem II reaction center see reaction-center protein, plant

photosystem I reaction center see reaction-center protein, plant

phoxim
(RN) 14816-18-3
(SY) phenylglyoxylonitrile oxime O,O-diethylphosphoro -thioate
(SY) Bay 77488
(SY) valexon
(SY) baythion
(SY) valekson
(HM) *ORGANOTHIOPHOSPHORUS COMPOUNDS
(PA) INSECTICIDES, ORGANOTHIOPHOSPHATE
(NO) structure

PHP see 1-(1-phenylcyclohexyl)pyrrolidine

pHPG see 4-hydroxyphenethylene glycol

7-N-PHPMC see 7-N-(4-hydroxyphenyl)mitomycin C

phrenolon see metofenazate

phrenosin
(RN) 37211-11-3
(SY) cerebron
(HM) *CEREBROSIDES
(NO) galactoside from brain substance; yields galactose, sphingosine, phrenosinic acid on hydrolysis

PhS(terpy)Pt see phenylthiolato-(2,2',2''-terpyridine)platinum II

phthalan see folpet

phthalapromine
(RN) 7182-51-6
(RR) 26928-36-9 (former CAS registry number)
(RR) 7013-41-4 (HCl)
(SY) LU 3-010
(SY) AY 21554
(HM) *BENZOFURANS
(PA) ANTIDEPRESSIVE AGENTS
(NO) RN given refers to parent cpd; structure

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phthalate see phthalic acid

phthalate dioxygenase
(RN) EC 1.14.99.-
(HM) *OXYGENASES
(NO) iron-sulfur protein from Pseudomonas cepacia; mechanism not given 4/85

phthalazine
(RN) 253-52-1
(HM) *PHTHALAZINES

phthalazinol
(RN) 56611-65-5
(SY) EG 626
(SY) EG-266
(HM) *PHTHALAZINES
(PA) 3',5'-CYCLIC AMP PHOSPHODIESTERASE/antag
(PA) THROMBOXANE A2/antag
(PA) PHOSPHODIESTERASE INHIBITORS
(NO) RN given refers to parent cpd; do not confuse with phthalazinol: 62054-23-3

phthalazino-(2,3-b)-phthalazine-5,12(7H,14H)-dione see diftalone

phthalic acid
(RN) 88-99-3
(RR) 877-24-7 (mono-K salt)
(RR) 41364-72-1 (K,Na salt)
(RR) 34715-81-6 (mono-Fe(2+) salt)
(RR) 33227-10-0 (mono-Ru salt)
(RR) 29801-94-3 (K salt)
(RR) 16223-74-8 (Cu salt)
(RR) 15968-01-1 (di-Na salt)
(RR) 15656-86-7 (mono-Ba salt)
(RR) 10197-71-4 (Na salt)
(RR) 6838-85-3 (mono-Pb(2+) salt)
(RR) 5793-85-1 (mono-Ca salt)
(RR) 4409-98-7 (di-K salt)
(RR) 827-27-0 (mono-Na salt)
(SY) potassium hydrogen phthalate
(SY) phthalate
(HM) *PHTHALIC ACIDS
(NO) RN given refers to parent cpd; structure in Merck Index, 9th ed, #7178

phthalic acid anhydride see phthalic anhydride

phthalic acid dihexyl ester see di-n-hexyl phthalate

phthalic acid mono(2-methoxyethyl) ester see mono(2-methoxyethyl) phthalate

phthalic anhydride
(RN) 85-44-9
(RR) 54627-50-8 (14C-labeled cpd)
(SY) phthalic acid anhydride
(HM) *PHTHALIC ANHYDRIDES

1-phthalidyl-5-fluorouracil
(RN) 81820-68-0
(SY) 590-S
(HM) FLUOROURACIL/*analogs
(NO) prodrug of 5-fluorouracil; structure given in first source

phthalimide
(RN) 85-41-6
(RR) 52009-19-5 (Ca[2:1] salt)
(RR) 1074-82-4 (K salt)
(HM) *PHTHALIMIDES
(NO) RN given refers to parent cpd

phthalimidine
(RN) 51938-01-3
(HM) *PHTHALIMIDES
(NO) structure given in first source

phthalocyanine
(RN) 574-93-6
(HM) *INDOLES
(II) PIGMENTS

phthalocyanine blue see copper phthalocyanine

phthalocyaninetetrasulfonic acid see tetrasulfophthalocyanine

phthalylsulfapyridazine
(RN) 13010-46-3
(SY) Phthazin
(SY) 3-methoxy-6-(N(4)-phthaloylsulfanilamido) pyridazine
(HM) *SULFANILAMIDES
(PA) ANTI-INFECTIVE AGENTS
(NO) intestinal anti-infective agent; structure

Phthazin see phthalylsulfapyridazine

phthiocerol dimycocerosate
(RN) 63642-22-8
(SY) Mycocerosic acid, diester with phthiocerol
(SY) Fatty acids, Me-branched, diester with phthiocerol
(HM) *LIPIDS
(II) MYCOBACTERIUM TUBERCULOSIS
(II) VIRULENCE
(NO) lipid relevant to virulence in M. tuberculosis

phthivazid
(RN) 149-17-7
(HM) ISONIAZID/*analogs
(NO) major descriptor (66-85); on-line search ISONIAZID/AA (66-85); Index Medicus search PHTHIVAZID (66-85)

phycobilin see phycocyanobilin

phycobiliproteins
(SY) phycobilisomes
(HM) *PLANT PROTEINS
(II) PIGMENTS
(NO) phycobiliproteins form macromolecular aggregates of phycobilisomes

phycobilisomes see phycobiliproteins

phycocyanin 645
(SY) phycocyanin-645
(HM) *PHYCOCYANIN
(NO) isolated from cryptomonad Chroomonas species

phycocyanin-645 see phycocyanin 645

phycocyanobilin
(RN) 20298-86-6
(SY) phycobilin
(HM) *PHYCOCYANIN
(HM) *PYRROLES
(NO) prosthetic group of phycocyanin which are tetrapyrroles

phycoerythrin 545
(SY) Cryptomonas phycoerythrin-545
(HM) *PHYCOERYTHRIN
(NO) has smaller alpha-subunit than Cyanobacterial phycoerythrin

phycoerythrocyanin
(HM) *PHYCOCYANIN
(NO) isolated from cyanobacterium Mastigocladus laminosus

phycourobilin
(HM) *PHYCOERYTHRIN
(NO) tetrapyrrole bilin prosthetic group of phycoerythrin, covalently bound to other bilin, phycoerythrobilin

phygon see dichlone

phyllodulcin
(RN) 480-46-6
(RR) 21499-23-0 ((R)-isomer)
(HM) *COUMARINS
(NO) RN given refers to cpd without isomeric designation; structure

phylloerythrin
(RN) 26359-43-3
(SY) 3,4-didehydro-9,14-diethyl-4,8,13,18-tetramethyl- 20-oxo-3-phorbinepropionic acid
(HM) CHLOROPHYLL/*analogs
(NO) photodynamic agent produced in rumen of ruminants by bacterial degradation of chlorophyll

phyllolitorin
(RN) 87734-77-8
(SY) pGlu-Leu-Trp-Ala-Val-Gly-Ser-Phe-Met-NH2
(SY) pGLTAVGSPM
(HM) *OLIGOPEPTIDES
(NO) isolated from skin of South American frog Phyllomedusa sauvagei; MW 1020; RN given from Toxline; RN not in Chemline 1/85

phyllolitorin, Leu-8-
(RN) 87734-76-7
(SY) 8-leucylphyllolitorin
(SY) pGlu-Leu-Trp-Ala-Val-Gly-Ser-Leu-Met-NH2
(SY) pGLTAVGGSLM
(HM) *OLIGOPEPTIDES
(NO) isolated from skin of South American frog Phyllomedusa sauvagei; MW 988; RN given from Toxline; RN not in Chemline 1/85

phyllomedusin
(RN) 26145-48-2
(HM) *OLIGOPEPTIDES
(II) NERVE TISSUE PROTEINS

phylloquinone epoxidase see phylloquinone monooxygenase (2,3-epoxidizing)

phylloquinone epoxide see vitamin K(1) oxide

phylloquinone monooxygenase (2,3-epoxidizing)
(RN) EC 1.14.99.20
(RR) 54596-37-1 (CRN)
(SY) phylloquinone epoxidase
(HM) *OXYGENASES

phylloquinone oxide see vitamin K(1) oxide

physcion diglucoside
(RN) 84268-38-2
(HM) *ANTHRAQUINONES
(PA) CATHARTICS
(II) RHUBARB
(NO) from rhubarb roots

physiogel
(RN) 9049-67-6
(HM) *GELATIN
(II) PLASMA SUBSTITUTES
(NO) plasma expander made by chemical degradation of gelatin

physodalic acid see physodic acid

physodic acid
(RN) 84-24-2
(SY) physodalic acid
(HM) *DIBENZOXEPINS
(PA) MUTAGENS
(NO) lichen constituent

physostigmine salicylate
(RN) 57-64-7
(SY) eserine salicylate
(HM) PHYSOSTIGMINE/*analogs

phytanic acid alpha-oxidase
(RN) EC 1.-
(HM) *OXIDOREDUCTASES
(HM) *PHYTANIC ACID
(NO) may be the genetic defect in Refsum's disease

phytenic acid
(RN) 3653-46-1
(RR) 22352-56-3 ((R-(R*,R*-(E)))-isomer)
(RR) 29730-69-6 (cpd with unspecified locant for double bond)
(SY) 3,7,11,15-tetramethylhexadec-2-enoic acid
(HM) *PHYTANIC ACID/analogs
(NO) intermediate in conversion of phytol to phytanic acid; RN given refers to cpd without isomeric designation

phytoalexin see phytoalexins

phytoalexins
(RN) 37297-20-4
(SY) phytoalexin
(HM) *PLANT EXTRACTS
(NO) defense cpds in plants which partly destroy pathogenic microorganisms; see also viniferins "biologically active cpds from plants" includes isoflavonoids & terpenes; N1 same as NM

phytobacteriomycin
(RN) 11139-69-8
(RR) 62712-16-7 (Phtobacteriomycin KJ)
(SY) PBM
(HM) *STREPTOTHRICINS
(PA) INSECTICIDES
(NO) antibiotic cultured from a strain of Streptomyces lavendulae; Russian drug; RN given refers to cpd with unknown MF; N1 same as NM

phytoene
(RN) 540-04-5
(RR) 7699-28-7 ((cis-isomer)
(RR) 13920-14-4 ((15-cis)-isomer)
(SY) 7,7',8,8',11,11',12,12'-octahydro-psi,psi- carotene
(HM) *CAROTENOIDS
(NO) C40 carotenoid biosynthesized in bacteria; minor descriptor (75-84); EP to CAROTENOIDS (85); on-line & Index Medicus search CAROTENOIDS (75-85); RN given refers to (all-trans)-isomer; RN for cpd without isomeric designation not in Chmeline 6/85

phytoene synthetase complex
(RN) 57219-66-6
(HM) *MULTIENZYME COMPLEXES
(HM) CAROTENOIDS/*biosyn
(NO) converts isopentenyl pyrophosphate to phytoene

phytoestrogens
(HM) *ESTROGENS
(II) PLANTS
(NO) estrogenic clover causing infertility in ewes; include isoflavones (genistein & formononetin), & uterotrophic pytotoxins such as zearalenone & zeranol

phytofluene
(RN) 540-05-6
(RR) 27664-65-9 ((cis)-isomer)
(HM) *CAROTENOIDS
(NO) RN given refers to cpd without isomeric designation

phytohemagglutinin-P
(SY) PHA-P
(HM) *PHYTOHEMAGGLUTININS

phytolaccin
(SY) PAP toxin
(HM) *PLANT PROTEINS
(II) PLANTS, TOXIC
(NO) 60S ribosome-inactivating protein

phytomonic acid
(RN) 503-06-0
(RR) 19625-10-6 ((cis-(1R))-isomer)
(SY) cis-11,12-methyleneoctadecanoic acid
(SY) lactobacillic acid
(HM) *FATTY ACIDS
(NO) produced in Lactobacillus plantarum; RN given refers to cpd without isomeric designation

phytosol see Bayer 37289

phytosphingosine
(RN) 554-62-1
(SY) 4-D-hydroxysphinganine
(HM) SPHINGOSINE/*analogs
(NO) differ with an additional hydroxyl at C-4 & no double bond between C-4 & C-5

phytosterol esterifying enzyme
(RN) EC 3.1.1.-
(SY) plant sterol esterifying enzyme
(HM) *CARBOXYLIC ESTER HYDROLASES

PH-8P see dynorphin (1-8)

1-PIAA see N-(1-pyrenyl)iodoacetamide

PI-adenosine see periodate-oxidized adenosine

piascledine
(HM) *VITAMIN E
(HM) *PLANT EXTRACTS
(HM) *PHYTOSTEROLS
(HM) DRUG COMBINATIONS
(NO) unsaponifiable extracts of avocado & soya with calcium, magnesium stearate & talc; used in leg deramtoses therapy; contains tocopherols & phytosterols; drugs used for treatment of collagen diseases, e.g. schleroderma

piaselenole
(RN) 273-15-4
(SY) 2,1,3-benzoselenadiazole
(SY) piazselenole
(HM) *AZOLES
(HM) *SELENIUM
(II) INDICATORS AND REAGENTS
(NO) for determination of traces of selenium; structure given in first source

PI-ATP see ATP-PI

piazselenole see piaselenole

piceatannol
(RN) 10083-24-6
(SY) 3-hydroxyresveratol
(HM) *STILBENES
(NO) found in heartwood of Leguminosae; powerful inhibitor of photosynthesis in spinach chloroplasts; may be inhibitor of plant growth; RN given refers to (E)-isomer; RN for cpd without isomeric designation not in Chemline 8/84

picenadol see LY 150720

PICL see pinacolyl methylphosphonochloridate

P.I.C.L.C. see poly ICLC

piclobetol
(RN) 25948-00-9
(SY) 1-(2-hydroxyethoxyethyl)-4-p-chlorobenzylpiperidine
(HM) *PIPERIDINES
(PA) ANTITUSSIVE AGENTS
(NO) RN given refers to HCl; RN for parent cpd not in Chemline 7/18/83

picobenzide see M-14012-4

picolax see picosulfate sodium

4,4'-(picoliliden)-bis-phenylsulphate see picosulfate sodium

picolinamide
(RN) 1452-77-3
(HM) *PICOLINIC ACIDS
(HM) AMIDES
(NO) degradation product of diquat

picolinate see picolinic acid

picolinate carboxylase see aminocarboxymuconate-semialdehyde decarboxylase

picolinic acid
(RN) 98-98-6
(RR) 57665-05-1 (Na salt)
(RR) 636-80-6 (HCl)
(SY) picolinate
(SY) 2-pyridine carboxylic acid
(HM) *PICOLINIC ACIDS
(NO) iron-chelating agent that inhibits DNA synthesis; may interfere with iron-dependent production of stable free organic radical which is essential for ribonucleotide reductase formation of deoxyribonucleotides; RN given refers to parent cpd; structure in Merck Index, 9th ed. #7206

picolinic acid carboxylase
(RN) EC 4.1.1.-
(HM) *CARBOXY-LYASES

picolinic acid N-methylbetaine see homarine

N-(4-picolyl)-3,5-dimethylbenzamide see M-14012-4

4,4'-(2-picolylidene)bisphenylsulfuric acid see picosulfate sodium

picoperidamine
(RN) 21755-66-8
(RR) 24699-40-9 (HCl)
(HM) *PIPERIDINES
(PA) ANTITUSSIVE AGENTS
(NO) RN given refers to parent cpd

picoprazole
(RN) 78090-11-6
(SY) 2-((2-(3-methyl)pyridyl-methyl)sulfinyl)-5-methoxycarbonyl-6-methylbenzimidazole
(SY) H 149-94
(HM) *BENZIMIDAZOLES
(NO) inhibits gastric acid secretion by blocking (H+ + K+)ATPase

picosulfate sodium
(RN) 10040-45-6
(SY) 4,4'-(2-picolylidene)bisphenylsulfuric acid
(SY) laxoberal
(SY) picosulfol
(SY) 4,4'-(picoliliden)-bis-phenylsulphate
(SY) picolax
(HM) *PICOLINES
(PA) CATHARTICS
(NO) structure

picosulfol see picosulfate sodium

picramic acid
(RN) 91-96-3
(RR) 831-52-7 (mono-Na salt)
(SY) 2-amino-4,6-dinitrophenol
(HM) *DINITROPHENOLS
(NO) RN given refers to parent cpd; structure in Merck Index

picrate see picric acid

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picric acid
(RN) 88-89-1
(RR) 573-83-1 (K salt)
(RR) 6477-64-1 (Pb(2+) salt)
(RR) 3324-58-1 (Na salt)
(RR) 131-74-8 (NH4 salt)
(SY) picrate
(HM) *PICRATES
(II) INDICATORS AND REAGENTS
(II) UNCOUPLING AGENTS
(NO) iused as antiseptic, astringent & stimulant for epitheliazation; RN given refers to parent cpd: structure

picrolonic acid
(RN) 550-74-3
(SY) 3-methyl-4-nitro-1-(4-nitrophenyl)-5-pyrazolone
(HM) *PYRAZOLES
(PA) MUTAGENS
(II) INDICATORS AND REAGENTS
(NO) common lab reagent for alkaloids, amino acids & calcium: found mutagenic for Salmonella typhimurium; structure

picromycin
(RN) 19721-56-3
(SY) pikromycin
(HM) LACTONES
(PA) ANTIBIOTICS
(NO) structure

picrotoxinin
(RN) 17617-45-7
(HM) PICROTOXIN/*analogs
(NO) toxic component of picrotoxin; structure

picrotoxinin receptor
(SY) picrotoxinin receptors
(SY) receptor, picrotoxinin
(HM) *RECEPTORS, GABA-BENZODIAZEPINE
(NO) works via GABA receptor

picrotoxinin receptors see picrotoxinin receptor

piericidin A
(RN) 2738-64-9
(SY) 2-(10-hydroxy-3,7,9,11-tetramethyl-2,4,7,11-tridecatetraenyl)-5,6-dimethoxy-3-methyl-4- pyridinol
(HM) PYRIDINES
(PA) ANTIBIOTICS
(NO) pyridine-substituted fatty alcohol antibiotic; minor descriptor (75-85); on-line & Index Medicus search ANTIBIOTICS (75-85); RN given refers to (S-(R*,R*-(all-E)))-isomer; RN for cpd without isomeric designation not in Chemline 7/85

piezoceramic Pb(ZrTi)O3 see Sonox P4

pifarnine
(RN) 56208-01-6
(SY) U-27
(SY) N(1)-piperonyl-N(4)-3,7,11-trimethyl-2,6,10-dodecatrienylpiperazine
(HM) *PIPERAZINES
(PA) GASTROINTESTINAL AGENTS
(PA) ANTI-ULCER AGENTS
(NO) non-anticholinergic gastric antisecretory agent

piflutixol
(RN) 54341-02-5
(RR) 61864-89-9 (mono-HCl)
(RR) 60756-96-9 ((Z)-isomer)
(SY) 6-fluoro-9-(3-(4-(2-hydroxyethyl)piperidino) propylidene)-2-trifluoromethyl-thioxanthene
(HM) *THIOXANTHENES
(PA) TRANQUILIZING AGENTS, MAJOR
(NO) RN given refers to parent cpd; synonym piflutixol refers to (Z)-isomer; structure

PIF peptide see proteolysis-inducing peptide

PIF-receptor see prolactin-inhibitory factor receptor

Pigbel Vaccine see Clostridium perfringens toxoid

pigment-binding protein (Rhodopseudomonas) see reaction-center protein, bacterial

pigment yellow 12
(RN) 6358-85-6
(SY) C.I. pigment yellow 12
(HM) *AZO COMPOUNDS
(II) DYES
(NO) structure given in first source

PI-HIA-27 see PHI peptide

PIID regulatory protein
(RN) 57657-57-5
(SY) P(II) protein, Klebsiella aerogenes
(SY) P II protein
(SY) P II regulatory protein
(SY) regulatory protein PII
(HM) *BACTERIAL PROTEINS
(II) GLUTAMINE SYNTHETASE/metab
(NO) involved in regulation of glutamine synthetase

pi initiation protein
(HM) *PEPTIDE INITIATION FACTORS
(II) BACTERIAL PROTEINS
(NO) from E coli plasmid

pikromycin see picromycin

pildralazine see propildazine

pili, bacterial receptor
(SY) receptor, bacterial pili
(SY) p-fimbriae receptors
(SY) pili, bacterial receptors
(HM) *RECEPTORS, IMMUNOLOGIC
(II) PILI, BACTERIAL

pili, bacterial receptors see pili, bacterial receptor

pilin
(SY) F pilin
(HM) *BACTERIAL OUTER MEMBRANE PROTEINS
(II) ESCHERICHIA COLI
(II) PILI, BACTERIAL
(NO) outer membrane protein of E Coli K 12; MW 50K; F pilin has MW 72K; also structural protein of PILI, BACTERIAL

pilocarpic acid
(RN) 28406-15-7
(RR) 34350-99-7 ((R-(R*,R*))-isomer)
(SY) isopilocarpic acid
(HM) PILOCARPINE/*analogs
(NO) hydrolysis product of pilocarpine in aqueous medium; RN given refers to (S-(R*,S*))-isomer; RN for cpd without isomeric designation not in Chemline 7/84

piloplex
(SY) glauplex 2
(HM) *PILOCARPINE
(II) OPHTHALMIC SOLUTIONS
(II) DELAYED-ACTION PREPARATIONS
(NO) emulsion containing pilocarpine polymer salt; designed to give sustained release of pilocarpine

pimafucort
(RN) 8072-88-6
(HM) *PIMARICIN
(HM) *NEOMYCIN
(HM) *HYDROCORTISONE
(HM) DRUG COMBINATIONS
(NO) combination of pimaricin 10 mg, neomycin sulfate 5 mg & hydrocortisone 10 mg

pimenta oil see oil of pimenta

pimexone
(RN) 17854-59-0
(RR) 17854-76-1 (HCl)
(SY) 3-methoxy-4-(piperidinomethyl)xanthone
(HM) *XANTHENES
(PA) ANALEPTICS
(NO) respiratory analeptic; RN given refers to parent cpd; structure in first source & in Negwer, 5th ed, #6503

pimobendan
(RN) 74150-27-9
(SY) UD CG 115
(SY) UD-CG115
(SY) 4,5-dihydro-6-(2-(4-methoxyphenyl)-1H-benzimidazole-5-yl)-5-methyl-3(2H)-pyridazinone
(SY) UD-CG 115
(HM) *PYRIDAZINES
(PA) CARDIOTONIC AGENTS
(NO) produces arterial & venous dilatation in dogs; structure given in first source

pimpinellin
(RN) 131-12-4
(HM) METHOXSALEN/*analogs
(NO) from Heracleum laciniatum; cause of phototoxicity in patient with vitiligo

6-PIMS see N-(6-phenoxyindan-5-yl)methanesulfonamide

pinacidil
(RN) 60560-33-0
(SY) P 1134
(SY) N''-cyano-N-4-pyridyl-N'-1,2,2-trimethylpropylguanidine, monohydrate
(HM) *GUANIDINES
(PA) VASODILATOR AGENTS
(PA) ANTIHYPERTENSIVE AGENTS
(NO) RN given for parent cpd; structure in first source

pinacidil pyridine N-oxide
(RN) 83285-82-9
(SY) N-cyano-N'-4-pyridinyl-N-oxide-N''-(1,2,2-trimethylpropyl)guanidine
(HM) *GUANIDINES
(NO) metabolite of pinacidil

pinacolyl methylphosphonochloridate
(RN) 7040-57-5
(RR) 83565-71-3 (14C-labeled cpd)
(SY) PICL
(HM) SOMAN/*analogs
(NO) chlorine analog of soman; less toxic than soman; structure given in first source; RN given refers to unlabeled cpd

pinacyanol chloride see quinaldine blue

pinane-thromboxane A2
(RN) 71154-83-1
(RR) 71111-01-8
((1S-(1alpha,2beta(Z),3alpha(1E,3R*),5alpha))-isomer)
(SY) pinane thromboxane A2
(HM) THROMBOXANE A2/*analogs
(NO) RN given refers to (1S-(1a alpha,2 beta(Z),3 alpha(1E,3S*),5 alpha))-isomer; RN for cpd without isomeric designation not in Chemline 7/19/83; structure in second source

pinane thromboxane A2 see pinane-thromboxane A2

pinaverium
(RN) 59995-65-2
(RR) 53251-94-8 (bromide)
(SY) dicetel
(SY) pinaverium bromide
(HM) *MORPHOLINES
(II) PARASYMPATHOLYTICS
(NO) RN given refers to parent cpd; structure

pinaverium bromide see pinaverium

pinazepam
(RN) 52463-83-9
(SY) 7-chloro-5-phenyl-1-propargyl-1,4-benzodiazepin- 2-one
(SY) Z-905
(SY) propazepam
(SY) domar
(HM) *BENZODIAZEPINONES
(PA) BENZODIAZEPINE TRANQUILIZERS
(NO) structure

pincainide see IQB M 81

PIND-AVI
(SY) paramunity inducer PIND-AVI
(HM) *BIOLOGICAL PRODUCTS
(PA) RADIATION-PROTECTIVE AGENTS
(II) ADJUVANTS, IMMUNOLOGIC
(NO) no other information available 3/17/81; prepared from fowlpox virus with gamma irradiation

pindone
(RN) 83-26-1
(RR) 6120-20-3 (Na salt)
(SY) pivaloylindan-1,3-dione
(HM) *INDANS
(PA) RODENTICIDES
(NO) RN given refers to parent cpd; structure

PIND-ORF
(SY) paramunity inducer PIND-ORF
(HM) *BIOLOGICAL PRODUCTS
(PA) RADIATION-PROTECTIVE AGENTS
(NO) prepared from ORF virus with gamma irradiation

pinealine see crinofizin

pineal peptide E5
(SY) hog pineal peptide E5
(HM) *NERVE TISSUE PROTEINS
(II) PINEAL BODY
(NO) structure given in first source

pinene cyclase I
(RN) EC 5.-
(SY) geranyl pyrophosphate-pinene cyclase I
(HM) *ISOMERASES
(NO) converts geranylpyrophosphate to (+)-alpha-pinene & small amounts of (+)-camphene & (+)-linonene

pinene cyclase II
(RN) EC 5.-
(SY) geranylpyrophosphate-pinene cyclase II
(HM) *ISOMERASES
(NO) forms (-)-alpha-pinene & (-)-beta-pinene, plus small amounts of (-)-camphene, (-)-limonene & myrcene

2-pinene see alpha-pinene

pinen-10-yl vicianoside
(HM) *TERPENES
(NO) monoterpene glycoside from Paeonia lactiflora roots; structure given in first source

pine resin see rosin

pine tar resin see rosin

pingpeimine glucoside
(HM) *ALKALOIDS
(HM) *GLUCOSIDES
(II) PLANTS, MEDICINAL
(NO) neither C- nor D-homosteroid alkaloid glucoside; isolated from Fritillaria ussuriensis maxim; structure given in first source

pingyangmycin see zhengguangmycin

pinocembrin
(RN) 480-39-7
(SY) 5,7-dihydroxyflavanone
(SY) pinocembrine
(HM) *FLAVONES

pinocembrine see pinocembrin

pinosylvine synthase see stilbene synthase

pi-oxocamphor
(RN) 20231-45-2
(RR) 4745-55-5 (trans-(+)-isomer)
(SY) trans-pi-oxocamphor
(HM) CAMPHOR/*analogs
(NO) RN given refers to (trans)-isomer; RN for cpd without isomeric designation not in Chemline 11/84

trans-pi-oxocamphor see pi-oxocamphor

pipamperone
(RN) 1893-33-0
(RR) 2448-68-2 (di-HCl)
(SY) 1'-(3-(4-fluorobenzoyl)propyl)-(1,4'- bipiperdine) -4'-carboxamide
(SY) R 3345
(SY) dipiperon
(HM) *BUTYROPHENONES
(PA) BUTYROPHENONE TRANQUILIZERS
(PA) SEROTONIN ANTAGONISTS
(NO) RN given refers to parent cpd; structure

pipebuzone
(RN) 27315-91-9
(SY) LD 4644
(SY) butyl-4((4-methyl-1-piperazinyl)methyl)-4-diphenyl-1,2-pyrazolidione-3,5
(SY) elarzone
(HM) PHENYLBUTAZONE/*analogs
(PA) ANTI-INFLAMMATORY AGENTS
(NO) structure

L-pipecolate dehydrogenase
(RN) EC 1.5.99.3
(SY) pipecolate oxidase
(SY) pipecolic acid oxidase
(HM) *AMINE OXIDOREDUCTASES

pipecolate oxidase see L-pipecolate dehydrogenase

pipecolic acid
(RN) 535-75-1
(RR) 69470-51-5 (mono-K salt)
(RR) 39942-42-2 (14C-labeled cpd (+-)-isomer)
(RR) 5107-10-8 (HCl(+-)-isomer)
(RR) 4043-87-2 ((+-)-isomer)
(RR) 3105-95-1 ((S)-isomer)
(RR) 1723-00-8 ((R)-isomer)
(RR) 22560-49-2 (ion(1-)(S)-isomer)
(RR) 15130-92-4 (ion(1-))
(RR) 3415-88-1 (ion(1-)(+-)-isomer)
(SY) L-pipecolic acid
(HM) *PIPECOLIC ACIDS
(NO) RN given refers to cpd without isomeric designation

L-pipecolic acid see pipecolic acid

pipecolic acid oxidase see L-pipecolate dehydrogenase

pipecurium
(RN) 67880-85-7
(SY) RGH 1106
(SY) Arduan
(SY) 2 beta,16 beta-bis(4'-dimethyl-1'-piperazino)-3 alpha,17 beta-diacetoxy-5 alpha-androstane dibromide
(SY) pipericurium bromide
(SY) RGH-1106
(SY) pipecuronium bromide
(HM) *5-ANDROSTANE-3,17-DIOL/analogs
(HM) *PIPERAZINES
(PA) NEUROMUSCULAR BLOCKING AGENTS
(PA) MUSCLE RELAXANTS, CENTRAL
(II) CURARE-LIKE AGENTS
(NO) structure & additional information available in second source; synonym RGH 1106 is N1 in Chemline 7/18/80

pipecuronium bromide see pipecurium

pipenzolate
(RN) 13473-38-6
(RR) 125-51-9 (bromide)
(SY) AN 1111
(SY) pipenzolate bromide
(HM) *PIPERIDINES
(PA) PARASYMPATHOLYTICS
(NO) RN given refers to parent cpd; NM refers to bromide; structure

pipenzolate bromide see pipenzolate

piperacillin amide
(HM) PIPERACILLIN/*analogs
(NO) predominant impurity in commercial lots of piperacillin; structure given in first source

piperaquine
(RN) 4085-31-8
(SY) 1,3-bis(4-(7'-chloro-4'-quinoline)-1-piperazine)
(SY) 1,3-bis(1-(7-chloro-4'-quinolyl)-4'-piperazinyl) propane
(HM) *QUINOLINES
(PA) ANTIMALARIALS
(NO) differing synonyms provided by different journals

piperazine
(RN) 110-85-0
(RR) 16832-43-2 (unspecified hydrate)
(RR) 14538-56-8 (phosphate[1:1])
(RR) 14007-05-7 (unspecified HBr)
(RR) 7542-23-6 (mono-HCl)
(RR) 7204-34-4 (diacetate)
(RR) 6094-40-2 (unspecified HCl)
(RR) 3672-27-3 (unspecified tartrate(R-(R*,R*))-isomer)
(RR) 5597-26-0 (unspecified sulfate)
(RR) 1951-97-9 (unspecified phosphate)
(RR) 142-64-3 (di-HCl)
(RR) 142-63-2 (hexahydrate)
(RR) 133-36-8 (tartrate[1:1](R-(R*,R*))-isomer)
(RR) 8057-14-5 (unspecified salt)
(SY) pripsen
(SY) piperazine phosphate
(HM) *PIPERAZINES
(NO) RN given refers to parent cpd; synonym pripsen refers to unspecified salt

piperazine-N,N'-bis(2-ethanesulfonic acid)
(RN) 5625-37-6
(RR) 10010-67-0 (Na salt)
(SY) 1,4-piperazinediethane sulfonic acid
(SY) PIPES
(SY) 1,4-piperazinediethanesulphonic acid
(SY) 1,4-piperazineethanesulfonate
(HM) *ALKYL SULFONATES
(HM) *PIPERAZINES
(II) BUFFERS
(NO) RN given refers to parent cpd

piperazine citrate see antepar

1,4-piperazinediethane sulfonic acid see piperazine-N,N'-bis(2-ethanesulfonic acid)

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1,4-piperazinediethanesulphonic acid see piperazine-N,N'-bis(2-ethanesulfonic acid)

piperazinedione
(RN) 64474-15-3
(RR) 41109-80-2
(di-HCl(3S-(3alpha(2S*,5R*),6alpha(2S*,5R*)))-isomer)
(RR) 41871-93-6
((3S-(3alpha(2S*,5R*),6alpha(2S*,5R*)))-isomer)
(SY) 593A
(SY) NSC-135758
(SY) 3,6-bis(5-chloro-2-piperidyl)- 2,5- piperazinedione
(HM) *PIPERAZINES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) isolated from Streptomyces griseoluteus fermentation broth; RN given refers to cpd without isomeric designation; structure

piperazine estrone sulfate
(RN) 7280-37-7
(SY) harmogen
(SY) harmonet
(HM) ESTRONE/*analogs
(II) ESTROGENS, SYNTHETIC
(II) ESTROGENIC SUBSTANCES, CONJUGATED
(NO) used therapeutically in menopausal patients

1,4-piperazineethanesulfonate see piperazine-N,N'-bis(2-ethanesulfonic acid)

piperazine phosphate see piperazine

piperazine sultosylate see suctosilic acid

4-((2-(4-(piperazinocarbonylmethylpiperazino)ethyl) oxycarbonyl)phenyl 1-naphthylacetate dihydrochloride see FK 386

2-piperazino-4(3H)-quinazolinone monoacetate see centpiperalone

4-(1-piperazinyl)-5-aza-6-methylbenzofuran maleate see Org 10155

3-(piperazinyl)-1-9H-dibenz(c,f)triazolo(4,5-a)azepin see pitrazepin

10-piperazinylpropylphenothiazine
(RN) 3240-48-0
(SY) desmethylperazine
(SY) demethylperazine
(HM) *PHENOTHIAZINES
(NO) structure

2-piperazinyl-4-thiomorpholinopyrido(3,2-d)pyrimidine sulfate see SH 869

pipericurium bromide see pipecurium

1-piperideine
(RN) 505-18-0
(RR) 21282-38-2 (HCl)
(RR) 22855-25-0 (2-(14)C-labeled cpd)
(RR) 22855-26-1 (2-(14)C-labeled cpd HCl)
(HM) *PYRIDINES
(NO) RN given refers to parent cpd; structure given in first source

piperidine
(RN) 110-89-4
(HM) *PIPERIDINES

3-piperidinecarboxylic acid see nipecotic acid

2,3-piperidine dicarboxylate see 2,3-piperidinedicarboxylic acid

2,4-piperidine dicarboxylate see 2,4-piperidinedicarboxylic acid

2,5-piperidine dicarboxylate see 2,5-piperidinedicarboxylic acid

2,6-piperidine dicarboxylate see 2,6-piperidinedicarboxylic acid

cis-2,3-piperidine dicarboxylic acid see 2,3-piperidinedicarboxylic acid

2,3-piperidinedicarboxylic acid
(RN) 46026-75-9
(SY) 2,3-piperidine dicarboxylate
(SY) cis-2,3-piperidine dicarboxylic acid
(HM) *PIPECOLIC ACIDS
(PA) ANTICONVULSANTS
(NO) effective antagonist at all three types of excitatory amino acid receptors; does not depress responses to acetylcholine or substance P

2,4-piperidinedicarboxylic acid
(RN) 85819-03-0
(RR) 84229-43-6 (trans-(+-)-isomer)
(RR) 84229-40-3 (cis-(+-)-isomer)
(RR) 84211-45-0 (cis-isomer)
(RR) 84211-44-9 (trans-isomer)
(SY) 2,4-piperidine dicarboxylate
(HM) *PIPECOLIC ACIDS
(NO) RN given refers to cpd without isomeric designation in Chemline

2,5-piperidinedicarboxylic acid
(RN) 84619-48-7
(RR) 84229-41-4 (cis-(+-)-isomer)
(SY) 2,5-piperidine dicarboxylate
(HM) *PIPECOLIC ACIDS
(NO) RN given refers to cis-isomer; RN for cpd without isomeric designation not in Chemline 6/84

2,6-piperidinedicarboxylic acid
(RN) 499-82-1
(RR) 59234-40-1 (cis-isomer)
(SY) 2,6-piperidine dicarboxylate
(HM) *PIPECOLIC ACIDS
(NO) RN given refers to cpd without isomeric designation

2-(N-piperidine)ethylamine-1-naphthyl-5-sulfonylchloride
(SY) PENS-CL
(HM) *PIPERIDINES
(NO) dansyl chloride derivative; structure given in first source

piperidine-ethyl-selenophene
(RN) 38025-22-8
(SY) 2-alpha-oxy-beta-N-piperidine-ethyl-selenophene hydroxide
(SY) PE-SE
(HM) *PIPERIDINES
(HM) *SELENIUM
(PA) ANTI-ARRHYTHMIA AGENTS

piperidine-4-sulfonic acid
(RN) 72450-62-5
(SY) piperidine-4-sulphonic acid
(HM) *PIPERIDINES
(NO) specific GABA agonist

piperidine-4-sulphonic acid see piperidine-4-sulfonic acid

1-(N-piperidino)-3-(2-aminophenyl)-3-oxopropane
(RN) 88580-19-2
(SY) 1-PAPOP
(HM) *ANILINE COMPOUNDS
(HM) *PIPERIDINES
(PA) SEROTONIN ANTAGONISTS
(NO) structure given in first source

1-piperidinocyclohexanecarbonitrile
(RN) 3867-15-0
(HM) PHENCYCLIDINE/*analogs
(NO) intermediate in the chemical synthesis of phencyclidine; imperfectly synthesized PCP correlated with undue toxic effects; structure

3-piperidino-1,1-diphenylpropanol see pridinol

piperidino-ethoxy-benzophenone- carbonic see pitofenone

N-piperidinoethyl benzilate see pipethanate

2-(1-piperidino)ethyl benzilate see pipethanate

2-piperidinoethyl dibenzylglycolate
(SY) 2-PDG
(HM) *PIPERIDINES
(HM) *GLYCOLATES
(PA) ANALGESICS

2-piperidinoethyl-4-heptyloxyphenylcarbamate HCl see heptacaine

2-piperidinoethyl phenylcarbamate
(SY) IR 1
(SY) IR-1
(HM) *PIPERIDINES
(PA) ANESTHETICS, LOCAL
(NO) analog of heptacaine; structure given in first source

3-piperidinomethyl-4-hydroxy-8-methoxy-10-methyl-2,9-dioxatricyclo(4,3,1,0(3,7))decane see valperinol

3-N-(3-(3-(1-piperidinomethyl)phenoxy)propyl)amino-4-amino-1,2,5-thiadiazole-1-oxide see L 643441

3-(N-piperidinyl)-1,1-diphenyl-1-propanol methanesulfonate see pridinol

3-piperidinyl-1,1-diphenylpropan-1-ol see pridinol

N-(3-(3-(1-piperidinylmethyl)phenoxy)propyl) acetoxyacetamide see TZU 0460

6-(4-N-piperidinylphenyl)azobenzothiazole
(RN) 84713-38-2
(SY) 6-PT
(HM) *AZO COMPOUNDS
(HM) *THIAZOLES
(PA) CARCINOGENS
(NO) structure given in first source

2-piperidone
(RN) 675-20-7
(RR) 27154-43-4 (cpd with unspecified locants)
(HM) *PIPERIDONES
(NO) structure given in first source

piperilate see pipethanate

piperine
(RN) 7780-20-3
(RR) 94-62-2 ((E,E)-isomer)
(RR) 30511-76-3 ((Z,E)-isomer)
(RR) 30511-77-4 ((E,Z)-isomer)
(RR) 495-91-0 ((Z,Z)-isomer)
(SY) 1-piperoylpiperidine
(HM) *PIPERIDINES
(PA) ANTICONVULSANTS
(PA) ABORTIFACIENT AGENTS, NON-STEROIDAL
(NO) RN given refers to cpd without isomeric designation; structure

piperitenone
(RN) 491-09-8
(HM) *TERPENES
(NO) structure given in first source

piperonal
(RN) 120-57-0
(SY) 3,4-methylenedioxybenzaldehyde
(HM) *BENZALDEHYDES
(II) FOOD ADDITIVES
(NO) has been used as a pediculicide; structure

piperonyl alcohol
(RN) 495-76-1
(SY) 3,4-methylenedioxybenzyl alcohol
(HM) *BENZYL ALCOHOLS
(NO) structure given in first source

N(1)-piperonyl-N(4)-3,7,11-trimethyl-2,6,10-dodecatrienylpiperazine see pifarnine

piperovatine
(RN) 25090-18-0
(SY) N-isobutyl-6-(4-methoxyphenyl)sorbamide
(HM) *SORBIC ACID/analogs
(PA) ANESTHETICS, LOCAL
(NO) isolated from Ottonia frutescens; RN given refers to (E,E)-isomer; RN for cpd without isomeric designation not in Chemline 7/83; structure given in first source

1-piperoylpiperidine see piperine

PIPES see piperazine-N,N'-bis(2-ethanesulfonic acid)

pipethanate
(RN) 4546-39-8
(RR) 4544-15-4 (HCl)
(SY) 2-(1-piperidino)ethyl benzilate
(SY) DPX-8
(SY) N-piperidinoethyl benzilate
(SY) piperilate
(HM) *PIPERIDINES
(PA) TRANQUILIZING AGENTS
(PA) CHOLINOLYTICS
(NO) provisional 1966-71; RN given refers to parent cpd; structure

pipethiaden
(RN) 15053-99-3
(SY) 1-methyl-4-thieno(2,3-c)(2)-benzothiepin-4(9H)-ylidene piperidine
(HM) *PIPERIDINES
(NO) used in treatment of migraine; structure given in first source

PI-PLC see monophosphatidylinositol phosphodiesterase

pipratecol
(RN) 15534-05-1
(RR) 15622-04-5 (di-HCl)
(SY) alpha-(3,4-dihydroxyphenyl)-4-(2-methoxyphenyl)-1-piperazinethanol
(SY) S-4216
(HM) *PIPERAZINES
(PA) VASODILATOR AGENTS
(NO) RN given refers to parent cpd; structure

piprofurol
(RN) 40680-87-3
(HM) *BENZOFURANS
(PA) MYOCARDIAL DEPRESSANTS
(NO) structure

pirakril see pyracryl

pirandamine
(RN) 57932-12-4
(RR) 42408-78-6 (HCl)
(SY) 1,3,4,9-tetrahydro-N,N,1-trimethylindeno(1,2-c)-pyran-1,ethylamine.HCl
(HM) *INDENES
(PA) ANTIDEPRESSIVE AGENTS, TRICYCLIC
(NO) RN given refers to parent cpd; structure

pirazolac
(RN) 71002-09-0
(SY) 4-(4-chlorophenyl)-1-(4-fluorophenyl)pyrazole-3-acetic acid
(HM) *PYRAZOLES
(PA) ANTI-INFLAMMATORY AGENTS
(NO) RN not in Chemline 10/85; RN from USAN; structure given in first source

pirbenicillin
(RN) 63975-62-2
(RR) 55975-92-3 ((D-(2S-(2alpha,5alpha,6beta)))-isomer)
(RR) 55162-26-0 (mono-Na salt((D-(2S-(2alpha,5alpha,6beta)))-isomer)
(SY) CP-33,994
(SY) 6-(D-2-phenyl-2-(N-4-pyridylformimidyl aminoacetamido)acetamido)penicillanic acid
(SY) CP-33994-2
(HM) *PENICILLINS
(NO) RN given refers to (2S-(2 alpha,5 alpha,6 beta))-isomer; RN for cpd without isomeric designation not in Chemline 7/19/93; structure

pirbuterol
(RN) 38677-81-5
(RR) 38029-10-6 (di-HCl)
(RR) 66546-54-1 (sulfate)
(RR) 65652-44-0 (acetate)
(SY) pyrbuterol
(SY) CP-24315-1
(SY) CP-24,314-1
(SY) 2-hydroxymethyl-3-hydroxy-6-(1-hydroxy-2-tert-butylamino ethyl)pyridine, dihydrochloride
(SY) pirbuterol acetate salt
(SY) CP 24315-1
(HM) *ETHANOLAMINES
(PA) BRONCHODILATOR AGENTS
(PA) ADRENERGIC BETA RECEPTOR AGONISTS
(PA) CARDIOTONIC AGENTS
(NO) RN given refers to parent cpd; structure

pirbuterol acetate salt see pirbuterol

pirecin see proxazole

pirenperone
(RN) 75444-65-4
(SY) 3-(2-(4-(4-fluorobenzoyl)piperidino)ethyl)-2-methyl-4H-pyrido(1,2-a)pyrimidin-4-one
(SY) R 47456
(SY) R 50656
(SY) R-47456
(SY) R-50656
(HM) *PIPERIDINES
(PA) TRANQUILIZING AGENTS
(NO) LSD antagonist; structure given in first source; R 50656 is di-HCl salt of parent cpd

pirenzepin
(RN) 29868-97-1
(SY) L-S 519
(SY) gastrozepin
(SY) pirenzepine
(SY) LS 519
(SY) pyrenzepine
(HM) *BENZODIAZEPINONES
(PA) HISTAMINE H2 RECEPTOR BLOCKADERS
(PA) ANTI-ULCER AGENTS
(PA) GASTROINTESTINAL AGENTS
(PA) PARASYMPATHOLYTICS
(NO) stress ulcer-inhibiting agent; structure

pirenzepine see pirenzepin

pirenzepine receptor
(SY) pirenzepine receptors
(SY) receptor, pirenzepine
(HM) *RECEPTORS, MUSCARINIC

pirenzepine receptors see pirenzepine receptor

piretanide
(RN) 55837-27-9
(SY) 4-phenoxy-3-pyrrolidin-1-yl-5-sulfamoylbenzoic acid
(SY) HOE 118
(HM) *SULFONAMIDES
(PA) DIURETICS, SULFAMYL
(NO) potent inhibitor of chloride transport; structure

pirfloxacin
(SY) 1-ethyl-6-fluoro-1,4-dihydro-4-oxo-7-(1H-pyrrol-1-yl)quinoline-3-carboxylic acid
(HM) *QUINOLINES
(PA) ANTI-INFECTIVE AGENTS
(NO) structure given in first source

piribenzil methyl sulfate see bevonium

piridoxilat see pyridoxilate

piridoxylate
(RN) 24340-35-0
(HM) *GLYOXYLATES
(HM) PYRIDOXINE/*analogs
(NO) conjugation product of glyoxylic acid & pyridoxine; may be physiological regulator of cell respiration

pirifibrate
(RN) 21550-30-1
(SY) Bratenol
(SY) (6-(hydroxymethyl)-2-pyridyl)methyl-2-(4-chlorophenoxy)-2-methyl-propionate hydrochloride
(SY) EL-466
(HM) *PROPIONATES
(PA) ANTILIPEMIC AGENTS

pirimicarb
(RN) 23103-98-2
(SY) 2-dimethylamino-5,6-dimethylpyrimidin-4-yldimethylcarbamate
(SY) pirimor
(SY) pyrimor
(HM) *CARBAMATES
(PA) INSECTICIDES, CARBAMATE
(NO) structure

pirimiphos methyl
(RN) 29232-93-7
(SY) (O-(2-(diethylamino)-6-methyl-4-pyrimidinyl) O, O- dimethylphosphorothioate lic
(SY) actellic
(SY) PP 511
(SY) aktel
(HM) *ORGANOTHIOPHOSPHORUS COMPOUNDS
(PA) INSECTICIDES, ORGANOTHIOPHOSPHATE
(NO) structure

pirimor see pirimicarb

pirinixil see BR-931

piriprost see U 60257

piristina see thonzylamine

pirlimycin
(RN) 78822-40-9
(RR) 80081-63-6 (mono-HCl(2R-cis)-isomer)
(RR) 77495-92-2 (mono-HCl-monohydrate(2S-cis)-isomer)
(SY) cis-4-ethyl-L-picecolic acid amide of 7-deoxy-7(S)chloromethylthio lincosaminide hydrochloride
(SY) U 57930E
(SY) U-57930E
(HM) CLINDAMYCIN/*analogs
(NO) RN given refers to (mono-HCl(2S-cis)-isomer); RN for cpd with unspecified isomeric designation not in Chemline 12/20/83

pirlimycin adenylate
(RN) 85643-04-5
(SY) U 63440
(SY) U-63,440
(HM) CLINDAMYCIN/*analogs
(PA) ANTI-ARRHYTHMIA AGENTS
(PA) ANTIBIOTICS
(NO) adenylate prodrug of pirlimycin; structure given in UD 34:152a

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pirlindole
(RN) 60762-57-4
(RR) 16154-78-2 (HCl)
(RR) 32957-93-0 (unspecified HCl)
(SY) 1,10-trimethylene-8-methyl-1,2,3,4-tetrahydropyrazino(1,2-a)indole
(SY) pyrazidol
(SY) pyrlindole
(HM) *CARBAZOLES
(PA) ANTIDEPRESSIVE AGENTS
(PA) MONOAMINE OXIDASE INHIBITORS
(NO) RN given refers to parent cpd; synonym pyrazidol refers to mono-HCl; structure in Negwer, 5th ed, #2812

pirmenol
(RN) 61477-94-9
(SY) CI 845
(SY) cis-alpha-(3-(2,6-dimethyl-1-piperidinyl)propyl)-alpha-phenyl-2-pyridinemethanol monohydrochloride
(HM) *PIPERIDINES
(PA) ANTI ARRHYTHMIA AGENTS

pirocrid see protizinic acid

pirogenal see pyrogenal

piroglíride
(RN) 62625-18-7
(RR) 62625-19-8 (tartrate)
(SY) McN 3495
(HM) *PYRROLIDINES
(PA) HYPOGLYCEMIC AGENTS
(NO) RN given refers to parent cpd; structure

Piromen
(RN) 9008-99-5
(SY) Pyromen
(HM) *POLYSACCHARIDES, BACTERIAL
(PA) PYROGENS

pirothesin see aptocaine

piroxan see proroxan

piroxicam
(RN) 36322-90-4
(SY) CP 16171
(SY) 4-hydroxy-2-methyl-N-(2-pyridyl)-2H-1,2-benzothiazine-3-carboxamide 1,1-dioxide
(SY) Feldene
(HM) *THIAZINES
(PA) GOUT SUPPRESSANTS
(PA) ANALGESICS, ANTI-INFLAMMATORY
(NO) structure in USAN 1980, p.258

piroximone
(RN) 84490-12-0
(SY) MDL-19205
(SY) MDL 19,205
(SY) MDL-19,205
(SY) 4-ethyl-1,3-dihydro-5-(4-pyridinylcarbonyl)-2H-imidazol-2-one
(SY) MDL 19205
(HM) *IMIDAZOLES
(PA) CARDIOTONIC AGENTS
(NO) structure in first source

pirozadil
(RN) 54110-25-7
(SY) 2,6-pyridinediyldimethylene bis(3,4,5-trimethoxybenzoate)
(HM) *PYRIDINES
(NO) structure

pirprofen
(RN) 31793-07-4
(SY) SU-21524
(SY) 2-(3-chloro-4-(3-pyrroli-1-yl)phenyl)propionic acid
(SY) Rengasil
(HM) *PHENYLPROPIONATES
(PA) ANALGESICS, ANTI-INFLAMMATORY
(NO) anti-inflammatory agent used in therapy of rheumatoid arthritis; prostaglandin synthetase inhibitor; more potent than indomethacin; structure

pirquinozol
(RN) 65950-99-4
(SY) SQ 13847
(SY) SQ 13,847
(HM) *QUINAZOLINES
(PA) ANTIHISTAMINICS
(PA) ANTI-INFLAMMATORY AGENTS

pirroksan see proroxan

pirromecaine see bumecain

pirroxan see proroxan

pirtianol
(HM) *ADJUVANTS, IMMUNOLOGIC
(NO) selectively stimulates immature prothymocytes to differentiate into mature thymocytes; no other info available 10/84

pisatin
(RN) 20186-22-5
(RR) 469-01-2 ((6aR-cis)-isomer)
(HM) *BENZOPYRANS
(NO) phytoalexin produced in plants after injection with fungi; RN given refers to (6aS-cis)-isomer; RN for cpd without isomeric designation not in Chemline 7/19/83; structure

Pisum sativum lectin see pea lectin

pitch see rosin

PITHSTHL heptapeptide see H-phenylalanyl-isoleucyl-tyrosyl-histidyl-seryl-tyrosyl-lysine

pitofenone
(RN) 54063-52-4
(SY) methyl 2-(4-(2-piperid-1-ylethoxy)benzoyl) benzoate
(SY) piperidino-ethoxy-benzophenone- carbonic
(SY) acid-methylester
(SY) pitophenon
(SY) baralginketone
(HM) *BENZOPHENONES
(PA) PARASYMPATHOLYTICS
(NO) structure

pitophenon see pitofenone

pitrazepin
(RN) 90685-01-1
(SY) 3-(piperazinyl)-1-9H-dibenz(c,f)triazolo(4,5-a) azepin
(HM) *DIBENZAZEPINES
(PA) GABA/antag
(NO) effects are not tissue specific; induced a bursting discharge pattern in cultures derived from hippocampus & hypothalamus; structure given in first source

Pitressin tannate
(SY) Vasopressin tannate
(HM) *VASOPRESSINS

pituitary hormone alpha subunit see alpha subunit, pituitary hormones

pituitary tyrosine-sulfated protein see tyrosine-sulfated protein (pituitary)

pivalexin see pivcephalexin

pivalic acid
(RN) 75-98-9
(RR) 1184-88-9 (Na salt)
(SY) 2,2-dimethylpropionic acid
(HM) *PENTANOIC ACIDS
(NO) RN given refers to parent cpd; structure

Pivalone see tixocortol pivalate

pivalopril see RHC 3659

N-(pivaloyl)glycinohydroxamic acid
(RN) 73912-85-3
(SY) P-GHA
(HM) *HYDROXAMIC ACIDS
(PA) UREASE/antag
(NO) effectively inhibits alkalinization of urine & stone formation in vivo & in vitro due to strong inhibitory potency against ureolytic activity of intact Proteus mirabilis; high renal clearance & no mutagenicity

pivaloylindan-1,3-dione see pindone

N-pivaloylleucyl-GABA see N-pivaloylleucyl-gamma-aminobutyric acid

N-pivaloylleucyl-gamma-aminobutyric acid
(SY) N-pivaloylleucyl-GABA
(SY) PL-GABA
(HM) *DIPEPTIDES
(PA) ANTICONVULSANTS
(NO) structure given in first source

pivaloyloxyethyl methyldopa ester see methyldopa pivaloyloxyethyl ester

pivcephalexin
(RN) 63836-75-9
(RR) 27726-31-4 (HCl(6R-(6alpha,7beta(R*)))-isomer)
(SY) ST 21
(SY) cephalexin pivaloxymethyl ester
(SY) pivalexin
(HM) CEPHALEXIN/*analogs
(NO) RN given refers to (6R-(6 alpha,7 beta(R*)))-isomer; synonym ST 21 refers to HCl; RN for cpd without isomeric designation not in Chemline 7/19/83

PIVKA see isoprothrombin

PIVKA II see isoprothrombin

PI-39 see deterenol

PI 39 see deterenol

PK 10139
(RN) 86073-85-0
(SY) PK-10139
(SY) 1-(4-(2-tert-butyl-quinolyl))-3-(4-piperidyl) propanol
(HM) *QUINOLINES
(PA) ANTI-ARRHYTHMIA AGENTS
(NO) structure

PK-10139 see PK 10139

PK 11195
(RN) 85340-56-3
(SY) PK-11195
(SY) 1-(2-chlorophenyl)-N-methyl-N-(1-methylpropyl)-3-isoquinolinecarboxamide
(HM) *ISOQUINOLINES

PK-11195 see PK 11195

PK 5078
(RN) 72714-74-0
(RR) 65843-79-0 (di-HCl)
(SY) PK-5078
(SY) 1-3-vinyl-4-piperidyl-3-(6-methoxy-4-quinolyl) propane
(SY) PK 7059
(SY) viqualine
(HM) *QUINOLINES
(PA) SEROTONIN ANTAGONISTS

PK-5078 see PK 5078

PK 7059 see PK 5078

PK 8165
(RN) 77472-98-1
(SY) PK-8165
(SY) 2-phenyl-4(2-(4-piperidinyl)ethyl)quinoline
(HM) *QUINOLINES
(PA) ANTICONVULSANTS
(NO) anticonflict & anticonvulsant quinoline derivative; structure given in first source

PK-8165 see PK 8165

PK 9084
(RN) 77472-99-2
(SY) PK-9084
(HM) *QUINOLINES
(PA) ANTICONVULSANTS
(NO) anticonflict & anticonvulsant quinoline derivative; structure given in first source

PK-9084 see PK 9084

PLA1 antigen see platelet specific antigen PL(A1)

PL-AC see palmitoyl cytarabine

placental alkaline phosphatase see carcinoplacental isoenzymes

placental lactogen receptor
(SY) receptor, placental lactogen
(SY) lactogen receptors
(SY) placental lactogen receptors
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) PLACENTAL LACTOGEN

placental lactogen receptors see placental lactogen receptor

placental-like Regan isoenzyme see carcinoplacental isoenzymes

placental protein 10
(SY) PP10
(SY) placenta-specific protein 10
(HM) *PREGNANCY PROTEINS

placental protein 12
(SY) PP12
(SY) placenta-specific protein 12
(HM) *PREGNANCY PROTEINS

placental protein 13
(SY) PP13
(HM) *PREGNANCY PROTEINS
(NO) electrophoretic mobility same as albumin; isoelectric point 4.7-4.8; sedimentation coefficient 3.1 S; MW 30,000

placental protein 14
(SY) PP14
(HM) *PREGNANCY PROTEINS
(NO) glycoprotein with alpha-electrophoretic mobility; MW 42,000; pregnancy-associated rather than pregnancy-specific protein

placental protein 15
(SY) PP15
(SY) placenta-specific protein 15
(HM) *PREGNANCY PROTEINS

placental protein 17
(SY) PP17
(HM) *PREGNANCY PROTEINS
(NO) electrophoretic mobility between beta(1)-& alpha(2)-globulins; isoelctric point between 5.2-5.3; sedimentation coefficient 2.7 S; MW 30,300 to 38,000

placental protein 4
(SY) PP4
(SY) placenta-specific protein 4
(HM) *PREGNANCY PROTEINS
(NO) glycoprotein of single peptide chain; MW 35 kd

placental protein 5
(SY) PP5
(SY) placenta-specific protein 5
(HM) *PREGNANCY PROTEINS
(NO) glycoprotein containing 20% carbohydrate which moves as a beta(1) globulin on electrophoresis; MW 36,000

placental ribonuclease inhibitor
(SY) ribonuclease inhibitor (placental)
(HM) *PLACENTAL HORMONES
(PA) RNASE/antag

placental uterotrophic factor
(RN) 58252-27-0
(SY) UTPF
(SY) uterotrophic placental hormone
(SY) UTPH
(HM) *PLACENTAL HORMONES

placenta-specific protein 10 see placental protein 10

placenta-specific protein 12 see placental protein 12

placenta-specific protein 15 see placental protein 15

placenta-specific protein 4 see placental protein 4

placenta-specific protein 5 see placental protein 5

plafibride
(RN) 67924-59-8
(SY) ITA 104
(HM) CLOFIBRIC ACID/*analogs
(PA) ANTILIPEMIC AGENTS
(II) PLATELET AGGREGATION/drug eff
(NO) morpholino-methylurea analog of clofibric acid

plakalbumin
(HM) *OVALBUMIN
(HM) *PEPTIDE FRAGMENTS
(NO) obtained by proteolytic modifaction of ovalbumin which releases heptapeptide Glu-Ala-Gly-Val-Asp-Ala-Ala (residues 346-352)

Planavin
(RN) 4726-14-1
(SY) 4-(methylsulfonyl)-2,6-dinitro-N,N-dipropylaniline
(SY) nitralin
(SY) DNA-nitralin
(HM) *ANILINE COMPOUNDS
(PA) HERBICIDES
(NO) structure

plantacyanin
(SY) cusacyanin
(HM) *PLANT PROTEINS
(HM) *METALLOPROTEINS
(NO) small water-soluble copper-containing protein from cucumber peelings & spinach

plantastin
(HM) *PLANT EXTRACTS
(II) PLANTAIN
(NO) from plantain; inhibits formation of carcinogenic nitroso cpds

plant glycolipid toxins see corynetoxins

plant photosynthetic pigment-protein complex see reaction-center protein, plant

plant ribonuclease I see ribonuclease T2

plant RNAse see ribonuclease T2

plant sterol esterifying enzyme see phytosterol esterifying enzyme

plantvax see oxycarboxin

plasmagel
(RN) 39290-10-3
(HM) GELATIN/*analogs
(II) PLASMA SUBSTITUTES
(NO) modified gelatin solution

plasmakinase
(RN) EC 3.4.-
(HM) *PEPTIDE HYDROLASES
(PA) FIBRINOLYTIC AGENTS
(NO) obtained from the blood plasma of sudden death victims

plasmalogenase
(RN) EC 3.3.2.-
(SY) lysoplasmalogenase
(HM) *HYDROLASES
(NO) liberates free aldehyde plus glycerophosphoethanolamine from lysoplasmalogen (1-alk-1'-enyl-sn-glycero-3-phosphoethanolamine

plasma-lyte see plasma-lyte 148

plasma-lyte 148
(SY) plasma-lyte
(HM) *ISOTONIC SOLUTIONS
(II) OPHTHALMIC SOLUTIONS
(NO) irrigating solution used in perfusion of corneal endothelium; contains sodium, potassium & magnesium chlorides, sodium acetate & sodium gluconate

plasma membrane glycoprotein IIb see platelet membrane glycoproteins

plasma membrane phosphoprotein P180
(SY) protein P180
(SY) phosphoprotein P180
(HM) *BLOOD PROTEINS
(HM) *MEMBRANE PROTEINS
(II) PHOSPHOPROTEINS
(NO) from Chinese hamster lung cells resistant to adriamycin; MW 180,000

plasmanate
(RN) 55963-80-9
(SY) plasma protein fraction
(HM) *BLOOD PROTEINS
(II) PLASMA SUBSTITUTES
(NO) pasteurized human-serum protein solution

plasma protein fraction see plasmanate

plasma protein Z
(SY) protein Z
(SY) embryonic Z protein
(HM) *BLOOD PROTEINS
(NO) gamma-carboxyglutamic acid containing protein with N-terminal sequence different from but homologous with those of other vitamin K-dependent plasma proteins; do not confuse with Z protein which is a cytoplasmic protein

plasma 4.5 protein see protein 4.5

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plasmenylcholine see choline plasmalogens

plasmenylethanolamine see phosphatidal ethanolamines

plasmenylserine see phosphatidalserine

plasmin-alpha(2)-antiplasmin see plasmin-alpha(2)-macroglobulin complex

plasmin-alpha(2)-macroglobulin complex
(SY) plasmin-alpha(2)M
(SY) alpha 2-macroglobulin-plasmin complex
(SY) plasmin-alpha(2)-antiplasmin
(SY) alpha-2-antiplasmin
(HM) *ALPHA MACROGLOBULINS
(HM) *FIBRINOLYSIN
(II) ANTIPLASMIN
(NO) alpha(2)M is plasma protease inhibitor; MW 725,000

plasmin-alpha2-plasmin inhibitor complex see alpha 2-plasmin inhibitor-plasmin complex

plasmin-alpha(2)M see plasmin-alpha(2)-macroglobulin complex

plasminase A
(RN) EC 3.4.21.-
(HM) *PEPTIDE PEPTIDOHYDROLASES
(PA) PLASMIN/antag
(NO) isolated from embryonal carcinoma F9 cells; MW 160,000; serine protease which digests the light chain of plasmin in a time dependent inactivation process; heavy chain of plasmin not affected

plasminase B
(RN) EC 3.4.21.-
(HM) *PEPTIDE PEPTIDOHYDROLASES
(PA) PLASMIN/antag
(NO) isolated from embryonal carcinoma F9 cells; MW 82,000; serine protease which digests the light chain of plasmin in a time dependent inactivation process; heavy chain of plasmin not affected

plasmin fragment Y see fibrinogen fragment Y

plasminogen activator inhib see plasminogen activator inhibitor

plasminogen activator inhibitor
(SY) plasminogen activator inhib
(SY) plasminogen antiactivator
(HM) *GLYCOPROTEINS
(PA) PLASMINOGEN ACTIVATORS/antag
(NO) glycoprotein originating from aortic tissue; inhibits fibrinolysis; MW 85,000-100,000; see also record for minactivin, a plasminogen inactivator from monocytes

plasminogen activator, urokinase receptor
(SY) receptor, urokinase plasminogen activator
(SY) U-PA receptor
(SY) urokinase plasminogen activator receptors
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) PLASMINOGEN ACTIVATORS
(II) UROKINASE

plasminogen antiactivator see plasminogen activator inhibitor

plasminogen-lysine see lysyl-plasminogen

plasminogen proactivator
(HM) *PLASMINOGEN ACTIVATORS
(HM) *ENZYME PRECURSORS

plasminogen-valine
(SY) Val(354)-plasminogen
(SY) valyl-354-plasminogen
(SY) plasminogen-Val(354)
(SY) Val-plasminogen
(SY) Val(442)-plasminogen
(SY) valyl-plasminogen
(SY) neo-plasminogen-Val(442)
(HM) *PLASMINOGEN
(HM) *PEPTIDE FRAGMENTS
(NO) has NH2-terminal sequence of Val-Gln-Asp

plasminogen-Val(354) see plasminogen-valine

plasmin, Val(442) see miniplasmin

plasmin (77-790) see lys-plasmin

plasmion
(RN) 54847-63-1
(HM) *GELATIN
(II) PLASMA SUBSTITUTES
(NO) fluid gelatin modified with an ionic Ringer lactate solution; may be the same as polygeline

plasmocide see pamaquine

plasmocoagulase
(RN) 9001-13-2
(SY) peptocoagulase
(HM) *COAGULASE
(NO) from Staphylococcus; Russian drug

Plasmodium falciparum protein
(SY) Plasmodium falciparum rhoptry antigen
(SY) PfR antigen
(HM) *ANTIGENS, PROTOZOAN
(NO) MW 140,000; synthesized during schizogony; recognized by monoclonal antibody raised against Plasmodium falciparum

Plasmodium falciparum rhoptry antigen see Plasmodium falciparum protein

plastatin
(HM) *NAPHTHOQUINONES
(PA) PHOSPHOLIPASES A/antag
(NO) isolated from Penicillium chermesinum; structure given in first source

plastazote see plastipore

plastein
(HM) *PROTEIN HYDROLYSATES
(NO) substance formed when peptic digests of certain proteins are concentrated and treated with pepsin under slightly acid conditions

plastenan
(RN) 7234-48-2
(SY) CY168E
(SY) Celuton
(SY) N-acetylamino-6-hexanoic acid
(HM) *AMINOCAPROIC ACIDS
(NO) prevents adhesions

plastic, carbon fiber reinforced
(SY) carbon-fibre reinforced plastic
(SY) CFRP
(HM) *PLASTICS
(HM) *CARBON
(NO) used in fracture fixation

plastipore
(RN) 9002-88-4
(SY) Marlex
(SY) polythene
(SY) plastazote
(HM) *POLYETHYLENES
(II) DENTAL MATERIALS
(II) BIOCOMPATIBLE MATERIALS
(II) SURGICAL MESH
(NO) high density polyethylene sponge biocompatible material; used as posts in dental bridges

plastoid
(HM) *RESINS, SYNTHETIC
(NO) resin for casts of rat brain

plastoquinol
(RN) 3819-09-8
(HM) *PLASTOQUINONE/analogs
(NO) reduced form of plastoquinone

plastoquinol-plastocyanin oxidoreductase
(RN) EC 1.-
(SY) PLPL-oxidoreductase
(HM) *OXIDOREDUCTASES
(NO) cytochrome f/6b complex of 5 polypeptides from spinach chloroplasts

platelet-activating factor hydrolase see PAF 2-acylhydrolase

platelet activating factor phosphatidate
(SY) PAF-PA
(HM) *PLATELET ACTIVATING FACTOR
(HM) *PHOSPHATIDIC ACIDS
(II) IONOPHORES
(NO) powerful caclium ionophore in human red cell

platelet activating factor receptor
(SY) PAF receptors
(SY) receptor, platelet activating factor
(SY) AGEPC receptor
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) PLATELET ACTIVATING FACTOR

platelet's adhering protein
(HM) *BLOOD PROTEINS
(II) MEMBRANE PROTEINS
(II) PLATELET ADHESIVENESS/drug eff
(NO) collagen binding protein isolated from bovine platelet membrane; MW 75,000; consists of identical 4 subunits held by disulfide bridges; different from fibronectins

platelet aggregating factor
(SY) platelet aggregation enhancing factor
(SY) thrombocyte aggregating activity
(HM) *BLOOD COAGULATION FACTORS
(II) PLATELET AGGREGATION/drug eff
(NO) from swine; comparable to von Willebrand's factor from man; also bovine macromolecule

platelet aggregation enhancing factor see platelet aggregating factor

platelet alpha-granule membrane protein
(SY) GMP 140
(SY) GMP-140
(HM) *MEMBRANE PROTEINS
(II) GLYCOPROTEINS
(NO) found in unstimulated & thrombin-stimulated platelets; expressed during degranulation

platelet-derived growth factor receptor
(SY) receptor, platelet-derived growth factor
(SY) PDGF receptor
(SY) platelet-derived growth factor receptors
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) PLATELET-DERIVED GROWTH FACTOR

platelet-derived growth factor receptors see platelet-derived growth factor receptor

platelet factor 4, low affinity see low affinity platelet factor 4

platelet factor V
(HM) *BLOOD COAGULATION FACTORS
(II) BLOOD PLATELETS
(NO) protein in alpha granules of human platelets; accelerator of prothrombin conversion similar to plasma factor V

platelet factor 4 (59–70)
(SY) PF4 (59-70)
(HM) *PLATELET FACTOR 4
(HM) *PEPTIDE FRAGMENTS
(NO) elicits human neutrophil & monocyte chemotaxis

platelet glycoproteins see platelet membrane glycoproteins

platelet membrane glycoprotein Ib see platelet membrane glycoproteins

platelet membrane glycoprotein IIb see platelet membrane glycoproteins

platelet membrane glycoprotein IIIa see platelet membrane glycoproteins

platelet membrane glycoprotein IIIa see platelet membrane glycoproteins

platelet membrane glycoproteins
(SY) platelet membrane glycoprotein IIb
(SY) platelet membrane glycoprotein IIIa
(SY) platelet membrane glycoprotein Ib
(SY) PM-GPS
(SY) platelet glycoproteins
(SY) glycoprotein I, platelet membrane
(SY) platelet membrane glycoprotein IIIa
(SY) platelet membrane glycoprotein V
(SY) GP IIb
(SY) plasma membrane glycoprotein IIb
(SY) membrane glycoprotein IIb
(SY) glycoproteins IIb-IIIa
(HM) *GLYCOPROTEINS
(HM) *MEMBRANE PROTEINS
(II) BLOOD PLATELETS
(NO) deficiency can cause disorders of platelet function; major endogenous acceptor for human platelet ectosialyltransferase

platelet membrane glycoprotein V see platelet membrane glycoproteins

platelet protein P235
(SY) P235
(SY) band 2 protein
(HM) *CONTRACTILE PROTEINS
(II) BLOOD PLATELETS
(II) BLOOD PROTEINS
(NO) 235,000 mol wt contractile platelet protein; substrate of endogenous calcium-activated proteases

platelet protein P47
(SY) P47
(HM) *BLOOD PROTEINS
(NO) platelet granule constituent, MW 47,000, phosphorylated during degranulation of human platelets

platelet specific antigen Bak(a)
(SY) Bak(a) antigen
(HM) *ISOANTIGENS
(II) BLOOD PLATELETS/immunol
(NO) associated in the pathogenesis of isoimmune neonatal thrombocytopenia

platelet specific antigen Lek(a)
(SY) Lek(a) antigen
(HM) *ISOANTIGENS
(II) BLOOD PLATELETS/immunol
(NO) platelet antigen absent in Glanzmann's thrombasthenia; identified with post-transfusional purpura

platelet specific antigen PL(A1)
(SY) Zw(a) antigen
(SY) PLA1 antigen
(HM) *ISOANTIGENS
(II) BLOOD PLATELETS/immunol
(NO) immunization of mother in pregnancy against PL(A1) implicated in cause of neonatal alloimmune thrombocytopenia

platenolide I
(RN) 52212-94-9
(HM) *ANTIBIOTICS
(NO) from Streptomyces platensis; RN & N1 from 9th CI; see also platenolide II: 52212-95-0

platenolide II
(RN) 52212-95-0
(HM) *ANTIBIOTICS
(NO) macrolide antibiotic; RN & N1 from 9th CI; see also platenolide I: 52212-94-9

platenomycin s
(RN) 51668-19-0
(RR) 52310-62-0 (platenomycin A(0))
(RR) 52310-61-9 (platenomycin W(2))
(HM) GLYCOSIDES
(PA) ANTIBIOTICS
(NO) produced by Streptomyces platensis Malvinus MCRL 0388; cpd not in Chemline 7/19/83; structure

platinex
(RN) 96081-74-2
(SY) 1,2-diaminocyclohexaneplatinum II citrate
(HM) *ORGANOPLATINUM COMPOUNDS
(PA) ANTINEOPLASTIC AGENTS

platinum bis(ethyldiamine)dichloride see chlorodiethylenetriamine platinum

platinum diamminediaqua dinitrate see diamminediaqua platinum(II)

platinum-DMTC-chloride see N,N-dimethyl-O-ethylthiocarbamate platinum(II)

platinum ethylenediamine dichloride
(RN) 14096-51-6
(SY) ethylenediamine platinum dichloride
(SY) cis-dichloro(ethylenediamine)platinum II
(SY) dichloro(1,2-ethanediamine-N,N')platinum
(HM) *ORGANOPLATINUM COMPOUNDS
(PA) ANTINEOPLASTIC AGENTS

platinum(II) 1,2-diaminocyclohexane malonate
(RN) 52351-07-2
(RR) 61848-65-5 ((SP-4-2-(1R-trans))-isomer)
(RR) 61848-64-4 ((SP-4-2-(1S-trans))-isomer)
(RR) 61848-63-3 ((SP-4-3-(cis))-isomer)
(RR) 69651-36-1 ((SP-4-3-(1R-trans))-isomer)
(RR) 69651-35-0 ((SP-4-3-(1S-trans))-isomer)
(RR) 69651-34-9 ((SP-4-3-(1R-cis))-isomer)
(RR) 69608-26-0 ((SP-4-3-(1S-cis))-isomer)
(SY) 1,2-diaminocyclohexylplatinum malonate
(SY) 1,2-diamminocyclohexylplatinum malonate
(SY) malonato(1,2-diaminocyclohexane)platinum II
(SY) NSC 224964
(HM) *ORGANOPLATINUM COMPOUNDS
(PA) ANTINEOPLASTIC AGENTS
(NO) RN given refers to (SP-4-2-(trans))-isomer; RN for cpd without isomeric designation not in Chemline 7/19/83

platinum(II) 1,2-diaminocyclohexane nitrate see NSC 239851

platinum II dichlorobis(azomycin) see dichlorobis(azomycin)platinum II

platinum propylenediamine dichloride
(RN) 33727-98-9
(RR) 17668-31-4 ((SP-4-3)-(R)-isomer)
(SY) propylenediamine platinum dichloride
(SY) cis-dichloro(propylenediamine)platinum II
(HM) *ORGANOPLATINUM COMPOUNDS
(NO) RN given refers to (SP-4-3)-isomer; RN for cpd without isomeric designation not in Chemline 11/84

platinum 5-sulfo-8-mercaptoquinoline
(RN) 68179-09-9
(SY) 5-sulfo-8-mercaptoquinolinate platinum
(HM) *ORGANOPLATINUM COMPOUNDS

platinum tetrachloride
(RN) 13454-96-1
(SY) PtCl4
(HM) *PLATINUM
(NO) see also platinum chloride

platinum thioguanine
(RN) 69203-91-4
(SY) thioguanine platinum
(SY) thioguanine Pt(II)
(HM) *ORGANOPLATINUM COMPOUNDS

platinum thymine blue
(RN) 63748-54-9
(HM) *ORGANOPLATINUM COMPOUNDS
(PA) ANTINEOPLASTIC AGENTS

platinum uracil blue
(RN) 64060-01-1
(HM) *ORGANOPLATINUM COMPOUNDS
(HM) URACIL/*analogs
(PA) ANTINEOPLASTIC AGENTS

platonin see platonin J

platonin J
(RN) 3571-88-8
(RR) 6009-02-5 (dichloride)
(SY) platonin
(SY) NK 19
(SY) Tris-C(7)(5)
(HM) *THIAZOLES
(II) DYES
(II) UNCOUPLING AGENTS
(NO) RN given refers to diiodide; RN for parent cpd not in Chemline 7/19/83; structure in first source

platuran
(RN) 96081-75-3
(SY) 1,2-diaminocyclohexaneplatinum II glucarate
(HM) *ORGANOPLATINUM COMPOUNDS
(PA) ANTINEOPLASTIC AGENTS

platyphylline
(RN) 480-78-4
(RR) 66641-38-1 (HCl)
(RR) 20361-76-6 ((1alpha,15E)-isomer)
(SY) 3-ethylidenedodecahydro-5-hydroxy-5,5-dimethyl (1,6-dioxacyclododecino(2,3,4gh)pyrrolizine-2, 7-dione
(HM) *PYRROLIZIDINE ALKALOIDS
(PA) ANTIHISTAMINICS
(PA) CHOLINOLYTICS
(NO) from Senecio platyphyllus; RN given refers to (1 alpha)-isomer; RN for cpd without isomeric designation not in Chemline 7/19/83; structure

PLD see 1-dodecylpyridoxal chloride

PL017-dynorphin A (6-17)
(HM) DYNORPHIN/*analogs
(HM) *PEPTIDE FRAGMENTS
(NO) peptide consisting of Tyr-Pro-N-MePhe-Pro at amino terminus & dynorphin A (6-17) sequence at carboxy terminus

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plectin
(HM) *PROTEINS
(NO) high MW protein component of intermediate filament from cytoskeletal cultured cell preparations

Plecton see cicloxilic acid

Plegisol see St. Thomas' Hospital cardioplegic solution

plerocercoid growth factor
(HM) *GROWTH SUBSTANCES
(II) SPIROMETRA
(NO) human growth hormone analog from plerocercoids of Spirometra mansonoides

Plethoryl
(HM) VITAMIN A/*analogs
(HM) TRIIODOTHYRONINE/*analogs
(HM) *CYCLOHEXANONES
(HM) DRUG COMBINATIONS
(NO) for treatment of obesity; contains retinol acetate, 3,3',5-triiodothyroacetic acid and cyqualon

pleuromutilin
(RN) 125-65-5
(SY) Drosophilin B
(SY) octahydro-5,8-dihydroxy-4,6,9,10- tetramethyl-6-vinyl-3a,9-propano-3aH-cyclopenta- cycloocten-1 (4H)-one 8-glycolate
(HM) DITERPENES
(PA) ANTIBIOTICS
(NO) structure

pleurosine
(RN) 39608-80-5
(SY) leurosine-N'(b)-oxide
(HM) *VINCA ALKALOIDS
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(NO) Catharanthuseus alkaloid; RN from 10th CI, Chem Subs Index for (3'alpha,4'alpha)-isomer; RN for cpd without isomeric designation not in Chemline 11/2/83; structure given in first source

plexiglas see methylmethacrylate

Plexiglass see methylmethacrylate

Plo 1053 see azosemid

PLF protein see proliferin

PL-GABA see N-pivaloylleucyl-gamma-aminobutyric acid

PLGGI see
phenylalanyl-leucyl-glutamyl-glutamyl-isoleucine

PL I see
1-myristoyl-2-(12-N-(4-azido-2-nitrophenyl)aminodod ecanoyl)-sn-glycero-3-phosphocholine

plicatic acid
(RN) 16462-65-0
(RR) 19856-53-2 (K salt)
(HM) *NAPHTHOLS
(II) ALLERGENS
(NO) major non-volatile fraction in red cedar dust; identified by inhalation challenge as allergen; RN given refers to (1S-(1 alpha,2 alpha,3 beta))-isomer; RN for cpd without isomeric designation not in Chemline 7/19/83

plictran see cyhexatin

PLIDN see phenyl-alpha-L-iduronide

PL II see
1-myristoyl-2-(2-azido-4-nitrobenzoyl)-sn-glycero-3-phosphocholine

plitican see alizapride

PLMGGV see
phenylalanyl-leucyl-gamma-methylglutamyl-glutamyl-valine

PLPA see 1-palmitoyl-lysophosphatidic acid

PLP-binding protein see pyridoxal 5'-phosphate-binding protein

PLPF see periodate-lysine-paraformaldehyde

PL-PG copolymer see polylactic acid-polyglycolic acid copolymer

PLPL-oxidoreductase see plastoquinol-plastocyanin oxidoreductase

PLP 100-127 see perlapine

PLTG see
1,2-dioleoyl-3-(9-(3-perylenoyl)nonanoyl)glycerol

plumbagin
(RN) 481-42-5
(SY) 2-methyl-5-hydroxy-1,4-naphthoquinone
(HM) *NAPHTHOQUINONES
(PA) ANTINEOPLASTICS, BOTANICAL
(PA) ANTICOAGULANTS
(II) CONTRACEPTIVE AGENTS

pluracidomycin
(RN) 82138-64-5
(SY) pluracidomycin A
(SY) SF 2103 A
(SY) SF-2103A
(HM) *ANTIBIOTICS, LACTAM
(PA) BETA-LACTAMASES/antag
(NO) from Streptomyces pluracidomyceticus; carbapenem antibiotic; structure given in first source

pluracidomycin A see pluracidomycin

pluripoietins
(HM) *LYMPHOKINES
(NO) stimulatory activities of leukocyte-conditioned medium stimulated in the presence of phytohemagglutinin; released by human peripheral T-lymphocytes

Pluritene
(HM) *AMINO ACIDS
(HM) *SORBITOL
(NO) contains amino acids, sorbitol BP & sodium metabisulfite

pluronic benzoyl ester
(RN) 83984-91-2
(SY) polyoxyethylene-polyoxypropylene block copolymer benzoyl ester
(HM) *POLOXALENE/analogs
(PA) ANTILIPEMIC AGENTS

plutonium citrate
(RN) 7261-07-6
(RR) 40580-46-9 (unspecified Pu(+4) salt)
(RR) 5746-13-4 (Pu(+3)[1:1] salt)
(RR) 66569-74-2 (237Pu(+4) salt)
(RR) 64191-70-4 (unspecified 237Pu salt)
(RR) 59568-67-1 (unspecified 238Pu salt)
(RR) 59640-34-5 (238Pu(+4) salt)
(RR) 52689-33-5 (239Pu(+4) salt)
(RR) 26677-58-7 (unspecified 239Pu salt)
(RR) 68924-19-6 (unspecified 241Pu salt)
(RR) 65128-25-8 (241Pu(+4)[4:3] salt)
(HM) *PLUTONIUM
(NO) RN given refers to Pu(+4)[2:1] salt

plutonium dioxide
(RN) 12059-95-9
(RR) 22840-34-2 (239Pu-labeled cpd)
(RR) 12266-32-9 (238Pu-labeled cpd)
(RR) 37044-64-7 ((18)O2-labeled cpd)
(RR) 36864-98-9 (240Pu-labeled cpd)
(RR) 22898-66-4 (242Pu-labeled cpd)
(RR) 60916-52-1 (244Pu-labeled cpd)
(SY) plutonium-238 dioxide
(SY) (239)PuO2
(SY) plutonium-239 dioxide
(HM) *PLUTONIUM
(NO) RN given refers to cpd with MF of Pu-O2

plutonium-238 dioxide see plutonium dioxide

plutonium-239 dioxide see plutonium dioxide

plutonium nitrate
(RN) 14913-29-2
(RR) 13823-27-3 (Pu4-HNO3)
(RR) 54419-92-0 (237Pu-labeled cpd with MF of Pu4-HNO3)
(RR) 59568-66-0 (238Pu-labeled cpd with MF of Pu-HNO3)
(RR) 53745-09-8 (238Pu-labeled cpd with MF of Pu4-HNO3)
(RR) 54114-67-9 (239Pu-labeled cpd with MF of Pu-HNO3)
(RR) 52689-29-9 (239Pu-labeled cpd with MF of Pu6-HNO3)
(RR) 52689-28-8 (239Pu-labeled cpd with MF of Pu5-HNO3)
(RR) 52689-27-7 (239Pu-labeled cpd with MF of Pu3-HNO3)
(RR) 13968-56-4 (239Pu-labeled cpd with MF of Pu4-HNO3)
(RR) 13760-44-6 (240Pu-labeled cpd with MF of Pu4-HNO3)
(HM) *PLUTONIUM
(NO) RN given refers to cpd with MF of Pu-HNO3

plutonium phytate
(RN) 84926-55-6
(HM) *PLUTONIUM
(HM) *PHYTIC ACID

plutonium tri-n-butylphosphate complex
(SY) Pu-tributylphosphate complex
(SY) Pu-TBP
(HM) *PLUTONIUM
(HM) *PHOSPHORIC ACID ESTERS

PLV-gp70 see pancreas leukemia virus-related protein

(4-24)-PLY(a) see PGL(a)

PL-732 see PL 732

PL 732
(RN) 83136-87-2
(SY) polyolefin
(SY) PL-732
(HM) *POLYENES
(II) PLASTICS
(NO) plastic used in packaging blood platelets for transfusion

PMAA see polymethacrylic acid

4-2-PMABA see 4-((2-pyridinylmethyl)amino)benzoic acid

4-3-PMABA see 4-((3-pyridinylmethyl)amino)benzoic acid

N-PMB-decaprenylamine see
N-(4-methylbenzyl)decaprenylamine

PMBN see polymyxin B nonapeptide

PMDM see pyromellitic acid dianhydride-2-hydroxyethyl methacrylate adduct

PMF
(HM) MELPHALAN
(HM) METHOTREXATE
(HM) FLUOROURACIL
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of L-PAM (Melphalan), Methotrexate, & Fluouracil

PM-FAC
(HM) PREDNISONE
(HM) METHOTREXATE
(HM) FLUOROURACIL
(HM) DOXORUBICIN
(HM) CYCLOPHOSPHAMIDE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above 5 cpds

PM-GPS see platelet membrane glycoproteins

PMHCR see 2,2,5,7,8-pentamethyl-1-hydroxychroman

PMICC see 3-phenyl-5-methylisoxazole-4-carbonyl chloride

PmiI restriction endonuclease see endodeoxyribonuclease PmiI

PMME see phosphatidyl-N-monomethylaminoethanol

PMMVP see poly(methylmethacrylate-N-vinylpyrrolidone)

PMN-7 antigen see neutrophil-specific antigen

PMPSL see pyrido(3,4-c)-7-methylpsoralen

PMSA see pyrrolidin-3-yl-methanesulfonic acid

PMSG-HCG
(HM) *GONADOTROPINS, EQUINE
(HM) *GONADOTROPINS, CHORIONIC
(HM) DRUG COMBINATIONS
(NO) combination of above used for estrus induction in cows

PMSY see hypocalcemic protein (bovine parotid gland)

PMS-100 see OV-225

1-PMTR see 1-phospho-5-S-methylthioribulose

P2 myelin proteins see myelin P2 proteins

PM2A see 4-dimethylamino-2-phenyl-2-(1,2-benzisothiazol-3-yl) butyramide

PM3B see N,N-dimethylamino-3-phenyl-3-(1,2-benzisothiazol-3-yl) propylamine

PNA-F see ferritin-peanut agglutinin conjugate

PNAIC see N-n-propylnorisoapocodeine

PNALA see poly-N-acetyllactosamine

PNBSF see 4-nitrobenzenesulfonyl fluoride

PNCB see 4-chloronitrobenzene

PNC-HEMA see hexa(methacryloylethylenedioxy)cyclotriphosphazene

PNDP see 1-phenyl-2-nitro-1,3-diacetoxypropane

pneumococcal C-polysaccharide see polysaccharide C-substance (Streptococcus)

pneumococcal polysaccharide, type III
(SY) SSS-III
(HM) *POLYSACCHARIDES, BACTERIAL

pneumococcal polysaccharide vaccine see pneumovax

pneumolysin
(HM) *STREPTOLYSINS
(II) CYTOTOXINS
(NO) from Strep pneumoniae

pneumovax
(SY) pneumococcal polysaccharide vaccine
(HM) *BACTERIAL VACCINES
(II) STREPTOCOCCUS PNEUMONIAE

PNHPGL see poly-N(5)-(3-hydroxypropyl)-1-glutamine

PNNG see propyl-N'-nitro-N-nitrosoguanidine

PNP-alpha-D-glucosidase see 4-nitrophenyl-alpha-glucosidase

PNPAM see 4-nitrophenyl-alpha-D-mannopyranoside

PNPBM see 4-nitrophenyl-beta-D-mannopyranoside

PNPC see 4-nitrophenyl beta-cellobioside

PNPC-leucyl-tRNA see tRNA, 4-nitrophenylcarbamylleucine

PNPC-Leu-tRNA see tRNA, 4-nitrophenylcarbamylleucine

PNP-GlcNAc-6-SO4 see 4-nitrophenyl-6-sulfo-2-acetamido-2-deoxyglucose

PNPPF see 4-nitrophenyl 5-n-propyl-2-furoate

PNPpPh see O-4-nitrophenyl phenylphosphonate

PNPpT see thymidine 5'-4-nitrophenyl phosphate

PNPSP see substance P(4-11), Pro(4)-Npa(7,9)-Phe(11)-

PNU see vacor

2-PN3P-VAP see vasopressin, 2-Phe-3-(4-azido)Phe-Arg-

PN 200-110
(RN) 75695-93-1
(SY) PN-200-110
(SY) isopropyl-4-(2,1,3-benzoxadiazol-4-yl)-1,4-dihydro-2,6-dimethyl-5-methoxycarbonylpyridine-3-carboxylate
(HM) *OXADIAZOLES
(PA) CALCIUM CHANNEL BLOCKERS

PN-200-110 see PN 200-110

POA see oncofetal antigens

POBN see alpha-(4-pyridyl-1-oxide)-N-tert-butylnitrone

POCA see ethyl 2-(5-(4-chlorophenyl)pentyl)oxiran-2-carboxylate

POCA-CoA see S-(2-(5-(4-chlorophenyl)pentyl)oxiranecarboxylate-coenzyme A

POCC
(HM) PROCARBAZINE
(HM) VINCRISTINE
(HM) CYCLOPHOSPHAMIDE
(HM) LOMUSTINE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above 4 cpds

POC protocol
(HM) PROCARBAZINE
(HM) VINCRISTINE
(HM) LOMUSTINE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds; used in therapy of malignant melanoma

POC (1-48-49) see proopiocortin fragments

POC (1-74) see proopiocortin fragments

N-POC(1-76) see MSH, pro-gamma-

POC (50-74) see proopiocortin fragments

podocalyxin see glomerular sialoprotein

podoendin
(HM) *MEMBRANE PROTEINS
(II) ENDOTHELIUM
(NO) podocyte fuzzy coat protein; also found on the endothelial cell surface; cell differentiation-dependent surface protein; MW 62,000

podophyllin acid-2-ethylhydrazide see mitopodozide

POE methyldopa see methyldopa pivaloyloxyethyl ester

POEODE see octadecyl polyoxyethylene ether

PO glycoprotein
(SY) PO protein
(SY) glycoprotein PO
(SY) PO-GP
(SY) myelin glycoprotein P(O)
(HM) *MYELIN PROTEINS
(II) MEMBRANE PROTEINS
(NO) hydrophobic, highly insoluble; MW 28000; major protein of PNS myelin, representing 50-60% of the total myelin protein

PO-GP see PO glycoprotein

pokeweed antiviral protein
(SY) pokeweed antiviral protein II
(SY) PW-AVP a
(SY) PW-AVP b
(HM) *PLANT PROTEINS
(PA) ANTIVIRAL AGENTS

pokeweed antiviral protein II see pokeweed antiviral protein

polcartolone see triamcinolone diacetate

Polcortolon see triamcinolone diacetate

polethylene glycol monostearate
(RN) 9004-99-3
(RR) 58448-18-3 (cpd with unspecified oxygen locant)
(SY) stearox-6
(SY) PEG-stearate
(SY) polyethyleneglycol stearate
(SY) cremophor A
(HM) *POLYETHYLENE GLYCOLS
(NO) RN given refers to parent cpd; see also record for cremophor EL & cremophor

pol gene protein see gag viral proteins

polidasol see polidazol

polidazol
(RN) 39394-36-0
(SY) polidasol
(HM) *CARBAMATES
(HM) *DIETHYLDITHIOCARBAMATE
(PA) FUNGICIDES, INDUSTRIAL
(II) AIR POLLUTANTS, OCCUPATIONAL
(NO) 1H-benzimidazolylcarbamic acid methyl ester & metiram

polidexide
(RN) 56227-39-5
(SY) poly(2-(diethylamino)ethyl)polyglycerylene dextran hydrochloride
(SY) PDX chloride
(HM) *DEAE-DEXTRAN/analogs
(II) ANION EXCHANGE RESINS
(NO) bile acid sequestrant anion exchange resin used in treating hypercholesteremia

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polidez
(SY) Poydese
(HM) *POLYVINYL ALCOHOL
(HM) *SODIUM CHLORIDE
(HM) DRUG COMBINATIONS
(II) PLASMA SUBSTITUTES
(NO) consists of above two cpds; Russian drug

polidin
(HM) *ADJUVANTS, IMMUNOLOGIC
(NO) immunostimulant suspension from cultures of Strep pyogenes, Strep viridans, Neisseria catarrhalis, Diplococcus pneumoniae, E coli, Klebsiella pneumoniae, Strep faecalis, Strep aureus

polidocanol
(RN) 9002-92-0
(SY) polyoxyethylene lauryl ether
(SY) hydroxypolyethoxydodecane
(SY) aethoxysklerol
(SY) thesit
(SY) lubrol-PX
(SY) atoxysclerol
(SY) aetoxisclerol
(SY) atossisclerol
(SY) lubrol 12A9
(SY) nonaethyleneglycol monododecyl ether
(SY) Brij 35
(SY) polyoxyethylene(23)lauryl ether
(SY) ethoxysclerol
(SY) Laureth
(SY) laureth-9
(HM) *POLYETHYLENE GLYCOLS
(II) DETERGENTS
(II) SCLEROSING SOLUTIONS
(NO) polyethylene glycol monododecyl ether (average polymer n=9); RN in Chemline for nonaethyleneglycol monododecyl ether: 3055-99-0

poliovirus coat protein VP2
(SY) VP2 coat protein
(HM) *CAPSID
(II) POLIOVIRUS

polisteskinin
(RN) 19664-33-6
(HM) *WASP VENOMS
(NO) 18-amino acid peptide from genus Polistes; RN given refers to all (L)-isomer; RN for cpd without isomeric designation not in Chemline 12/84

Pollibauer proalbumin
(SY) Lille proalbumin
(HM) *PREALBUMIN
(NO) arginine 5 replaced by histidine in N-terminal propeptide

Pollinex
(RN) 56996-84-0
(SY) Pollinex-R
(HM) *GLUTARALDEHYDE
(HM) *POLLEN
(HM) *TYROSINE
(HM) DRUG COMBINATIONS
(NO) glutaraldehyde-pollen-tyrosine adsorbate for hyposensitization therapy

Pollinex-R see Pollinex

poloxamer-iodine see Prepodyne

pol(A)-rich messenger RNA see polyadenylated mRNA

poludan
(HM) *INTERFERON INDUCERS
(NO) no other information available 3/85

poly(A-C)
(RN) 29629-69-4
(SY) poly(C-A)
(HM) *POLY A
(HM) *POLY C

polyacetal
(HM) *POLYMERS
(HM) *ACETALS
(NO) constituent of tube clips

poly(N-acetyllactosamine) see poly-N-acetyllactosamine

poly-N-acetyllactosamine
(SY) PNALA
(SY) poly(N-acetyllactosamine)
(HM) *POLYSACCHARIDES

poly-O-acetylserine
(RN) 25248-96-8
(SY) poly-O-acetyl-L-serine
(HM) *PEPTIDES

poly-O-acetyl-L-serine see poly-O-acetylserine

polyacrolein
(RN) 25068-14-8
(HM) *POLYMERS
(HM) *ACROLEIN

polyacrylamide
(RN) 9003-05-8
(SY) HPA-I
(SY) HPA-V
(SY) polyacrylamides
(HM) *ACRYLIC RESINS
(NO) see also record for polyacrylamide gels

polyacrylamide gels
(SY) polyacrylamide hydrogels
(SY) poly(acrylamide) grafted substrates
(SY) Jung embedding medium
(HM) *ACRYLIC RESINS
(II) GELS
(NO) see also record for polyacrylamide & Bio-Gel P-4

poly(acrylamide) grafted substrates see polyacrylamide gels

polyacrylamide-hydrazide polymer
(SY) PACHY
(HM) *ACRYLIC RESINS
(HM) *HYDRAZINES
(NO) used for entrapment of immobilized enzymes

polyacrylamide hydrogels see polyacrylamide gels

polyacrylamides see polyacrylamide

polyacrylate sodium see carbopol 940

polyacryldextran
(HM) *ACRYLIC RESINS
(HM) *DEXTRANS
(NO) biodegradable polymer for immobilization of proteins

polyacrylic acid see carbopol 940

poly(acrylonitrile) see polyacrylonitrile

polyacrylonitrile
(RN) 25014-41-9
(SY) orlon
(SY) poly(acrylonitrile)
(HM) *ACRYLIC RESINS

poly(acrylonitrile-butadiene-styrene) see ABS resin

polyacrylonitrile RP-6 see AN-69

polyacryl starch see starch polyacrylate

poly(adenosine diphosphate ribose) protein complex see poly(ADP-ribose) protein complex

polyadenylase see poly A hydrolase

poly(adenylate)-deficient mRNA see non-polyadenylated mRNA

polyadenylated mRNA
(SY) poly(A)+ mRNA
(SY) poly(A)-mRNA
(SY) pol(A)-rich messenger RNA
(SY) poly A-mRNA
(SY) 26 S polyadenylated mRNA
(HM) *RNA, MESSENGER
(HM) *POLY A
(NO) see also record for poly(a) RNA

26 S polyadenylated mRNA see polyadenylated mRNA

polyadenylated RNA see poly(A) RNA

polyadenylate hydrolase see poly A hydrolase

polyadenylic acid RNA see poly(A) RNA

poly ADP-ribose glycohydrolase
(RN) EC 3.2.1.-
(HM) *GLYCOSIDE HYDROLASES
(NO) splits ribose-ribose bonds

poly(ADP-ribose) protein complex
(SY) poly(adenosine diphosphate ribose) protein complex
(SY) poly(ADP-ribosyl)proteins
(HM) *POLY ADENOSINE DIPHOSPHATE RIBOSE
(HM) *PROTEINS
(NO) from L1210 cells in vivo

poly(ADP-ribosyl)proteins see poly(ADP-ribose) protein complex

poly(Ala-Gly) see poly(alanylglycine)

poly-DL-alanine see polyalanine

polyalanine
(RN) 25191-17-7
(RR) 25281-63-4 ((DL)-isomer)
(RR) 26701-36-0 ((D)-isomer)
(RR) 25513-34-2 ((beta)-isomer)
(SY) poly-L-alanine
(SY) poly-DL-alanine
(HM) *PEPTIDES
(NO) RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 7/19/83

poly-L-alanine see polyalanine

poly(alanylglycine)
(RN) 27879-92-1
(SY) alanine-glycine polymers
(SY) glycine-alanine polymers
(SY) poly(Ala-Gly)
(HM) *PEPTIDES
(NO) RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 7/19/83

poly(DL-alanyl)-poly(L-lysine) see poly(Ala)-poly(Lys)

poly(Ala)-poly(Lys)
(RN) 26701-37-1
(RR) 29613-22-7 ((DL-Ala-L-Lys)-isomer)
(RR) 64315-90-8 (HBr(DL-Ala-L-Lys)-isomer)
(SY) poly(DL-alanyl)-poly(L-lysine)
(HM) *PEPTIDES
(NO) RN given refers to (all-L)-isomer; includes DL-Ala, L-Lys cpd; RN for cpd without isomeric designation not in Chemline 7/19/83

polyalbumin
(SY) polymerized human albumin
(HM) *SERUM ALBUMIN
(NO) globulin-free human albumin cross-linked & polymerized with glutaraldehyde

polyalbumin receptor see albumin receptor

poly-alpha, beta((2-hydroxyethyl)aspartamide-co-(4-hydroxyphenethyl)aspartamide) see alpha, beta-poly((2-hydroxyethyl)aspartamide-co-(4-hydroxyphenethyl)aspartamide)

poly-(alpha-L-histidine) see polyhistidine

polyaluminium chloride see aluminum oxychloride

poly(aluminum hydroxy)chloride see aluminum oxychloride

polyamide mesh
(SY) superpolyamide
(SY) supramid mesh
(HM) *NYLONS
(II) SURGICAL MESH
(NO) ocular plastic material alloplastic implant material non-reactive synthetic material of extremely high tensile strength

polyamide-12 see nylon 12

polyamide 12 see nylon 12

polyamine N-acetyltransferase
(RN) EC 2.3.1.-
(HM) *ACETYLTRANSFERASES

polyamine oxidase
(RN) EC 1.5.3.3
(SY) spermine oxidase
(SY) spermidine oxidase
(HM) *AMINE OXIDOREDUCTASES
(NO) substrate polyamines may be replaced by specific polyamine; spermidine gives putrescine & 3-aminopropionaldehyde; spermine gives spermidine & 3-aminopropionaldehyde

poly(2-aminoadenylic acid)
(RN) 49717-85-3
(HM) *POLY A

polyandroalbumin
(SY) fecundin
(SY) androstenedione-7-carboxyethylthioether-human serum albumin
(SY) ovandrotone-albumin
(HM) ANDROSTENEDIONE/*analogs
(HM) *SERUM ALBUMIN
(II) HAPTENS
(NO) steroid hapten-protein conjugate used for immunization of ewes to improve fecundity

polyanions
(HM) *POLYMERS
(NO) included polyanethol sulfonate, heparin & dextran sulfate

polyarginine
(RN) 25212-18-4
(RR) 61155-84-8 ((D)-isomer)
(RR) 42884-60-6 ((DL)-isomer)
(RR) 26982-20-7 (HCl)
(RR) 26700-68-5 (sulfate)
(SY) poly(L-arginine)
(HM) *PEPTIDES
(NO) RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 7/19/83

poly(L-arginine) see polyarginine

polyaromatic hydrocarbon receptors see aryl hydrocarbon receptor

polyasparagine
(HM) *PEPTIDES

polyaspartate
(RN) 26063-13-8
(RR) 27940-72-3 ((R)-isomer)
(RR) 27940-74-5 ((+-)-isomer)
(RR) 31871-95-1 (Na salt(S)-isomer)
(SY) polyaspartic acid
(HM) *PEPTIDES
(NO) RN given refers to (S)-isomer; RN for cpd without isomeric designation not in Chemline 7/19/83

polyaspartic acid see polyaspartate

poly A-T
(RN) 27156-07-6
(SY) poly rA dT
(SY) (A)n.(dT)n
(HM) *POLY A
(HM) *POLY T

Polybactrin see polybactrin soluble

polybactrin soluble
(RN) 8025-77-2
(SY) polybactrin spray
(SY) Polybactrin
(HM) *BACITRACIN
(HM) *POLYMYXINS
(HM) *NEOMYCIN
(HM) DRUG COMBINATIONS

polybactrin spray see polybactrin soluble

poly-S-benzylcysteine
(RN) 25988-62-9
(SY) poly-S-benzyl-L-cysteine
(HM) *PEPTIDES

poly-S-benzyl-L-cysteine see poly-S-benzylcysteine

poly-beta-benzyl-aspartate
(RN) 25248-99-1
(SY) PBB-Asp
(HM) *PEPTIDES

poly-beta-hydroxybutyrate
(RN) 26063-00-3
(RR) 29435-48-1 ((R)-isomer)
(RR) 7493-54-1 (dimer(-)-isomer)
(HM) *HYDROXYBUTYRATES
(HM) *POLYMERS
(NO) RN given refers to parent cpd

poly A-binding protein
(SY) poly(A)-binding protein
(HM) *CARRIER PROTEINS
(NO) from ribosomes; MW which is species-dependent is 72,000-81,000; majority of coding sequences for above protein are translationally repressed in the reticulocyte cytoplasm

poly(A)-binding protein see poly A-binding protein

polybis(carbophenoxypropane)
(SY) polybiscarbophenoxypropane
(SY) PCPP
(HM) *POLYMERS
(II) BIOCOMPATIBLE MATERIALS
(NO) used as vehicle in controlled drug delivery systems

polybiscarbophenoxypropane see polybis(carbophenoxypropane)

poly(bis(4-carboxyphenoxy)methane)
(RN) 86468-61-3
(SY) PCPM
(HM) *POLYMERS
(II) BIOCOMPATIBLE MATERIALS
(NO) prototype bioerodable polyanhydride for controlled drug delivery

poly(8-BrA) see poly 8-bromoadenylic acid

poly(8-Br-2-DA) see poly(8-bromo-2'-deoxyadenylic acid)

poly d(I-Br(5)C) see polydeoxyinosinic-polydeoxy-(5-bromocytidylic)acid

poly 8-bromoadenylic acid
(RN) 50828-34-7
(RR) 23567-96-6 (monomer)
(SY) poly(8-bromoriboadenylic acid)
(SY) poly(8-BrA)
(HM) *POLY A
(NO) RN given refers to parent cpd

poly(8-bromodeoxyadenylic acid)
(RN) 90968-89-1
(SY) P-8-BDAA
(HM) *POLY A
(NO) RN given in first source; RN not in Chemline 12/84

poly(8-bromo-2'-deoxyadenylic acid)
(RN) 92267-23-7
(SY) poly(8-Br-2-DA)
(HM) *POLY A

poly(8-bromoriboadenylic acid) see poly 8-bromoadenylic acid

polybutylene terephthalate see poly(1,4-butylene terephthalate)

poly(1,4-butylene terephthalate)
(RN) 26062-94-2
(SY) polybutylene terephthalate
(HM) POLYETHYLENE TEREPHTHALATE/*analogs

poly(C-A) see poly(A-C)

polycaproamide see nylon 6

polycaprolactam see capron

polycaprolactone 700
(RN) 25248-42-4
(HM) *POLYESTERS
(II) PROSTHESIS
(NO) see also record for poly(epsilon-caprolactone) RN 24980-41-4

polycarbacide see polymarcine

polycarbacin see polymarcine

poly-S-carbobenzoxycysteine
(RN) 29663-62-5
(SY) poly-S-carbobenzoxy-L-cysteine
(HM) *PEPTIDES

poly-S-carbobenzoxy-L-cysteine see poly-S-carbobenzoxycysteine

poly-O-carbobenzoxyserine
(RN) 59911-54-5
(SY) poly-O-carbobenzoxy-L-serine
(HM) *PEPTIDES

poly-O-carbobenzoxy-L-serine see poly-O-carbobenzoxyserine

polycarbofil see calcium polycarbophil

polycarbonate
(RN) 25766-59-0
(SY) R2200
(SY) polycarbonate R2200
(HM) *POLYCARBOXYLATE CEMENT
(NO) used in artificial membranes for hemodialysis; R2200 used in denture bases

polycarbonate plastic see lexan

polycarbonate R2200 see polycarbonate

polycationic ferritin
(SY) cationized ferritin
(HM) *FERRITIN
(II) LIGANDS

polycationic ferritin receptor see ferritin receptor

polycationized ferritin receptor see ferritin receptor

polycationized ferritin receptors see ferritin receptor

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polycations
(SY) cationic polyelectrolytes
(HM) *POLYMERS
(II) CATIONS
(NO) included polybrene, protamine, polyornithine

Poly F cement
(RN) 52439-11-9
(SY) Poly F
(HM) *POLYCARBOXYLATE CEMENT
(II) DENTAL CAVITY LINING
(NO) main ingredients are polycarboxylate cement & fluoride

polychlorinated dibenzofurans see chlorinated dibenzofurans

polychlorinated naphthalenes
(SY) halowaxes
(SY) polychloronaphthalenes
(HM) *NAPHTHALENES
(HM) *HYDROCARBONS, CHLORINATED

polychlorinated quaterphenyls
(HM) *CHLOROBENZENES

polychlorodibenzo-p-dioxin see polychlorodibenzo-4-dioxin

polychlorodibenzo-4-dioxin
(SY) polychlorodibenzo-p-dioxin
(HM) *TETRACHLORODIBENZODIOXIN/analogs

polychlorodibenzofuran
(HM) *BENZOFURANS

polychloronaphthalenes see polychlorinated naphthalenes

polychlorotrifluoroethylene
(RN) 9002-83-9
(HM) *POLYETHYLENES

polycitra see citric acid

polycitra K see citric acid

polyclonal B Cell Activator
(HM) *ALPHA MACROGLOBULINS
(II) MITOGENS
(NO) factor found in alpha(2)-macroglobulin fraction of serum of patients with rheumatoid arthritis which produces polyclonal B cell activation; combination of rhematoid factor & polyclonal B cell activator; titer provides a confidant laboratory measurement of disease involvement

poly (compliment 9) see poly (C9)

polycon
(RN) 71950-60-2
(HM) *METHYLMETHACRYLATES
(HM) *SILICONES
(II) SUTURES
(NO) copolymer of methylmethacrylate & a silicone deriv used for gas-permeable hard contact lenses

poly(C,U) see poly(U,C)

poly (C9)
(SY) poly(C9)
(SY) poly (complement 9)
(HM) *COMPLEMENT 9
(NO) tubular 27S complex forming the transmembrane channel of the membrane attack complex of complement; MW 1,050,000 +- 40,000; see also record for complement membrane attack complex

poly(C9) see poly (C9)

poly (dA) see poly(dA)

poly(dA)
(RN) 25191-20-2
(SY) polydeoxyadenylic acid
(SY) poly (dA)
(HM) *POLY A

poly(d(A-C),d(G-T))
(RN) 64816-49-5
(SY) poly(d(A-m(5)C),d(G-T))
(HM) *POLYDEOXYRIBONUCLEOTIDES

poly(dA-dC),oligo(dT)
(HM) *POLYDEOXYRIBONUCLEOTIDES

poly(dA-dC),poly(dG-dT)
(RN) 57683-27-9
(HM) *POLYDEOXYRIBONUCLEOTIDES

poly(d(A-m(5)C),d(G-T)) see poly(d(A-C),d(G-T))

poly (dA),oligo((d)T)
(HM) *POLY DA-DT
(HM) *OLIGODEOXYRIBONUCLEOTIDES

poly(d(A(S)-T)) see poly(deoxy(adenylic acid-thymidine 5'-O- phosporothioate))

poly(d(A-U))
(RN) 34607-75-5
(HM) *POLY A-U
(HM) *DEOXYRIBONUCLEOTIDES

poly(dC) see poly dC

poly dC
(RN) 25609-92-1
(SY) polydeoxycytidylic acid
(SY) poly(dC)
(HM) *POLY C

poly(dC-dG)
(RN) 29855-95-6
(SY) poly d(GC),poly d(GC)
(SY) poly d(G-C)
(SY) poly(dG-dC),poly(dG-dC)
(HM) *POLYDEOXYRIBONUCLEOTIDES
(NO) see also poly(dC),poly(dG): 25512-84-9

poly(dC),poly(dG) see poly(dG),poly(dC)

poly d(C-T)
(RN) 49717-92-2
(SY) poly(d(C-T))
(HM) *POLYDEOXYRIBONUCLEOTIDES

poly(d(C-T)) see poly d(C-T)

poly DEAE styrene see poly(4-diethylaminoethylstyrene)

polydeazaadenylic acid
(RN) 28302-62-7
(SY) poly(7-deazaadenylic acid)
(SY) poly(tubercidin 5'-phosphate)
(HM) *POLY A
(NO) RN given for poly(7-deazaadenylic acid)

poly(7-deazaadenylic acid) see polydeazaadenylic acid

poly(7-deazainosinic acid)
(RN) 53794-83-5
(SY) poly (7-deazainosinic acid)
(HM) *POLY I

poly (7-deazainosinic acid) see poly(7-deazainosinic acid)

polydeoxyadenylic acid see poly(dA)

poly(deoxy(adenylic acid-thymidine 5'-O-phosporothioate))
(RN) 86550-16-5
(SY) poly(d(A(S)-T))
(SY) PDAST
(HM) *POLY DA-DT/analogs
(NO) dTMP replaced by thymidine 5'-O-phosphorothioate; RN given from first source; RN not in Chemline 11/83

polydeoxycytidylic acid see poly dC

polydeoxycytidylyl-polydeoxyinosinic acid see poly d(I-C)

poly(deoxy-1,N(6)-ethenoadenylic acid) see poly(d-epsilon A)

polydeoxy(guanine-thymine) nucleotide
(RN) 55684-98-5
(SY) poly d(G-T)
(HM) *POLYDEOXYRIBONUCLEOTIDES

polydeoxyguanylic acid see poly(dG)

polydeoxyinosinic-polydeoxy-(5-bromocytidylic)acid
(RN) 51853-68-0
(SY) poly d(I-Br(5)C)
(SY) poly (dI-dBr(5)C)
(HM) *POLYDEOXYRIBONUCLEOTIDES
(NO) RN given in first source; RN not in Chemline 1/85

poly(deoxy(thymidylic acid-adenosine 5'-O-phosphorothioate))
(RN) 86594-48-1
(SY) poly(d(T(S)-A))
(SY) PDTSA
(HM) *POLY DA-DT/analogs
(NO) dAMP replaced by 2'-deoxyadenosine 5'-O-phosphorothioate; RN given from first source; RN not in Chemline 11/83

polydextrose
(RN) 68424-04-4
(HM) *GLUCANS
(II) FOOD ADDITIVES
(NO) polymer formed by random polymerization of glucose with sorbitol & citric acid

poly(dF5U) see poly(5-fluoro-2'-deoxyuridylic acid)

poly dG see poly(dG)

poly(dG)
(RN) 25656-92-2
(SY) polydeoxyguanylic acid
(SY) poly dG
(HM) *POLY G

poly(dG-Br(5)dC),poly(dG-Br(5)dC)
(SY) poly(dG-Br(5)dC)
(HM) *POLYDEOXYRIBONUCLEOTIDES

poly(dG-Br(5)dC) see poly(dG-Br(5)dC),poly(dG-Br(5)dC)

poly d(G-C) see poly(dC-dG)

poly(dG-dC),poly(dG-dC) see poly(dC-dG)

poly(dG-m(5)dC),poly(dG-m(5)dC)
(RN) 51853-63-5
(SY) PDGMDC
(SY) poly(dG-dMeC)
(HM) *POLYDEOXYRIBONUCLEOTIDES
(NO) methylated poly(dG-dC),poly(dG-dC)

poly(dG-dMeC) see poly(dG-m(5)dC),poly(dG-m(5)dC)

poly(dG),poly(dC)
(RN) 25512-84-9
(SY) poly(dC),poly(dG)
(HM) *POLYDEOXYRIBONUCLEOTIDES
(NO) see also poly(dC-dG): 29855-95-6

poly d(G–T) see polydeoxy(guanine–thymine) nucleotide

poly(d(G–T).d(C–A))
(HM) *POLYDEOXYRIBONUCLEOTIDES
(II) DNA INSERTION ELEMENTS

polydiallydimethylammonium chloride see Cat–Floc

poly d(I–C)
(RN) 25853–45–6
(RR) 26471–54–5 (duplicate RN)
(SY) poly (dI–dC)
(SY) polydeoxycytidylyl–polydeoxyinosinic acid
(HM) *POLYDEOXYRIBONUCLEOTIDES

poly(1,2–dicarboxy–3–hexadecyl–1,4–butanediyl) see surfomer

poly(1,2–dicarboxy–3–hexadecyltetramethylene) see surfomer

poly (dI–dBr(5)C) see
polydeoxyinosinic–polydeoxy–(5–bromocytidylic)acid

poly (dI–dC) see poly d(I–C)

poly(2–(diethylamino)ethyl)polyglycerylene dextran hydrochloride see polidexide

poly(p–diethylaminoethylstyrene) see
poly(4–diethylaminoethylstyrene)

poly(4–diethylaminoethylstyrene)
(RN) 59976–31–7
(SY) poly DEAE styrene
(SY) poly(p–diethylaminoethylstyrene)
(HM) *POLYSTYRENES
(II) BIOCOMPATIBLE MATERIALS
(NO) structure given in first source

poly(diethylene glycol diallyl carbonate) see CR 39

polydihydroxydimethyldiphenylmethanedisulfonic aicd see Negatan

poly(2,3–dihydroxypropyl methacrylate) see
polyglycerylmethacrylate

poly–N,N–dimethyl–N,N–diallylammonium chloride
(RN) 26062–79–3
(SY) poly–DMDAA
(HM) *POLYMERS
(NO) polycation

polydioxanone
(RN) 31621–87–1
(HM) *POLYESTERS
(II) SUTURES
(NO) synthetic absorbable suture

poly(2,2–dioxy–1,4–cyclohexane dimethylene tetrahydrofuran)
(SY) ALZAMER C101ct
(HM) *FURANS
(II) POLYMERS

poly A–DMA–U see polyriboadenylic acid–polyribo–5–dimethylaminouridylic acid

poly–DMDAA see
poly–N,N–dimethyl–N,N–diallylammonium chloride

poly(dT–dG)n.poly(dC–dA)n
(RN) 27732–52–1
(SY) (dT–dG)n.(dC–dA)n
(HM) *POLYDEOXYRIBONUCLEOTIDES

poly(dT)–oligo(dA)
(HM) *POLYDEOXYRIBONUCLEOTIDES

poly(d(T(S)–A)) see poly(deoxy(thymidylic acid–adenosine 5'–O– phosphorothioate))

poly–EEA see poly(ethylene–ethyl acrylate)

polyelectrolyte 60
(RN) 26426–80–2
(RR) 52032–17–4 (NH4 salt)
(SY) PE 60
(SY) maleic acid–isobutylene copolymer
(HM) *POLYMERS
(NO) cross–linked copolymer of isobutylene & maleic anhydride used to purify hepatitis B antiger; RN given refers to parent cpd

polyene phosphatidylcholine
(SY) polyunsaturated phosphatidylcholine
(HM) *PHOSPHATIDYLCHOLINES
(NO) used to treat abnormality of liver function in patients treated with antileptic drugs

polyenylphosphatidylcholine see Lipostabil

poly(epsilon–benzyloxycarbonyl–L–lysine)
(RN) 25931–47–9
(HM) POLYLYSINE/*analogs
(II) MEMBRANES, ARTIFICIAL
(NO) biodegradable synthetic membrane for urinary bladder reconstruction; RN given refers to (L)–lysine isomer; RN for unspecified isomer not in Chemline 7/8/83

poly(epsilon–caprolactone) see aquaplast, caprolactone

poly(d–epsilon A)
(SY) poly(deoxy–1,N(6)–ethenoadenylic acid)
(HM) *POLY A
(II) FLUORESCENT DYES

polyestradiol phosphate
(RN) 28014–46–2
(SY) estradurin
(SY) estradurine
(HM) ESTRADIOL/*analogs
(II) ESTROGENS, SYNTHETIC
(NO) polymeric phosphoric acid ester of estradiol

poly(1,N(6)–ethenoadenylic acid)
(RN) 41911–88–0
(HM) *POLY A

polyether–polyimide copolymer see co(polyether–imide)

polyether sulfone
(RN) 25667–42–9
(RR) 9084–41–7 (cpd with unspecified locants for phenylenesulfonyl and phenylene groups)
(SY) polyether sulphone
(HM) *SULFONES
(HM) *POLYMERS
(II) PLASTICS
(NO) matrix for thermoluminescent dosimeter; RN given refers to 1,4–phenylenesulfonyl–1,4–phenylene cpd

polyether sulphone see polyether sulfone

polyether urethane
(HM) *POLYURETHANES
(II) BIOCOMPATIBLE MATERIALS
(NO) IUD material

polyether XXVIII see dibenzo–18–crown–6

polyethoxylated castor oil
(RN) 61791–12–6
(RR) 61788–85–0 (hydrogenated & ethoxylated)
(SY) hydrogenated, ethoxylated castor oil
(SY) HCO 60
(SY) castor oil, hydrogenated, ethoxylated
(HM) CASTOR OIL/*analogs
(II) SURFACE–ACTIVE AGENTS
(NO) RN given refers to ethoxylated cpd; synonym HCO 60 refers to hydrogenated & ethoxylated cpd

polyethylene carbonate
(RN) 25718–55–2
(HM) *POLYETHYLENES
(NO) structure given in first source

polyethylene chloride
(HM) *POLYETHYLENES
(NO) improves nitroglycerin delivery when used in tubing during intravenous infusion instead of polyvinyl tubing

poly(ethylene–ethyl acrylate)
(RN) 9010–86–0
(SY) acrylic acid ethyl ester–ethylene polymer
(SY) poly–EEA
(HM) *ACRYLIC RESINS
(HM) *POLYETHYLENES
(NO) used in blood containers

polyethyleneglycol–asparaginase
(SY) PEG–asparaginase
(HM) *ASPARAGINASE
(HM) *POLYETHYLENE GLYCOLS
(PA) ANTINEOPLASTIC AGENTS
(II) ENZYMES, IMMOBILIZED
(NO) covalent attachment of PEG to enzyme produces active, stable complex; non–immunogenic; used in treatment of leukemia

polyethylene glycol dimethacrylate see Hydrogel

polyethylene glycol–glutaminase–asparaginase
(RN) 39335–03–0
(SY) polyethyleneglycol–L–glutaminase–L–asparaginase
(SY) PEG–L–glutaminase–L–asparaginase
(HM) *ASPARAGINASE
(HM) *GLUTAMINASE
(HM) *POLYETHYLENE GLYCOLS
(PA) IMMUNOSUPPRESSIVE AGENTS
(NO) covalent attachment of polyethylene glycol to nonessential amine groups of enzyme renders it nonimmunogenic for treatment of leukemia (EC 3.5.1.–)

polyethyleneglycol–L–glutaminase–L–asparaginase see polyethylene glycol–glutaminase–asparaginase

polyethylene–glycol–B1–insulin see insulin, polyethylene glycol B1–

polyethylene glycol 4–isooctylphenyl ether see Octoxynol

polyethylene glycol monomethyl ether see monomethoxypolyethylene glycol

poly(ethyleneglycol) p–nonylphenylethanol see nonoxynols

polyethylene glycol oleyl ether
(RN) 9004–98–2
(SY) Brij 92
(SY) Brij 98
(SY) PEG 20 oleyl ether
(HM) *POLYETHYLENE GLYCOLS

polyethyleneglycol palmitate
(RN) 9004–94–8
(SY) PEG–palmitate
(HM) *POLYETHYLENE GLYCOLS

polyethyleneglycol stearate see polethylene glycol monostearate

polyethyleneimine–cellulose
(HM) CELLULOSE/*analogs
(HM) *POLYETHYLENEIMINE/analogs
(NO) used for thin layer chromatography

poly(1,2–ethylenepiperidine) N–oxide
(RN) 78944–63–5
(SY) NO–PEP
(HM) *PIPERIDINES
(PA) ANTIOXIDANTS

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poly(ethylenethiuram disulfide) see polymarcine

polyethyleneglycolterephthalate see Lavsan

poly(ethylmethacrylate)
(RN) 9003-42-3
(SY) ethylmethacrylate
(SY) Viscogel
(HM) *METHYLMETHACRYLATES

poly(N-ethyl-4-vinylpyridinium Br) see poly-4-vinyl-N-ethylpyridine

poly A exonuclease see poly A hydrolase

Poly F see Poly F cement

poly-FDAA see poly(2'-fluoro-2'-deoxyadenylic acid)

polyfer
(HM) *IRON-DEXTRAN COMPLEX
(II) BLOOD SUBSTITUTES
(NO) dextran preparation containing Fe(II) used as blood substitute

poly(2'-fluoro-2'-deoxyadenylic acid)
(SY) poly-FDAA
(HM) *POLY A

poly(5-fluoro-2'-deoxyuridylic acid)
(RN) 88410-68-8
(SY) poly(dF5U)
(HM) *POLY U
(PA) ANTINEOPLASTIC AGENTS

polyfructan-A48 see polyfructosan

polyfructosan
(RN) 39421-73-3
(SY) polyfructosan-S
(SY) polyfructan-A48
(SY) Fructan S
(HM) *FRUCTANS

polyfructosan-S see polyfructosan

polyfungin
(RN) 37221-23-1
(HM) POLYENES
(PA) ANTIBIOTICS, ANTIFUNGAL
(NO) polyene antifungal antibiotic with four tetraene components

poly(galactosylglycerol phosphate)
(RN) 85444-64-0
(SY) PGGP
(HM) *POLYSACCHARIDES
(II) POLYSACCHARIDES, BACTERIAL
(NO) found in Bacillus coagulans

polygalacturonase converter
(SY) PG converter
(HM) *PLANT PROTEINS
(II) POLYGALACTURONASE
(II) ISOENZYMES
(NO) MW 102,000 heat-stable cell wall protein from tomatoes; converts isoenzyme polygalacturonase II to I

polygalacturonate lyase see pectate lyase

polygalacturonic acid
(RN) 9046-38-2
(RR) 25990-10-7 (homopolymer)
(RR) 25249-06-3 (homopolymer(D)-isomer)
(RR) 28087-73-2 (homopolymer.Na salt)
(RR) 9046-40-6 (cpd with unknown MF pectic acid)
(RR) 12672-40-1 (cpd with unknown MF Ca pectate)
(RR) 9064-40-8 (cpd with unknown MF Al pectate)
(SY) sulfated polygalacturonic acid
(SY) pectate
(SY) pectic acid
(SY) galacturonan
(SY) calcium polygalacturonate
(SY) calcium pectate
(SY) sodium pectate
(HM) *PECTINS
(NO) RN given refers to cpd with unknown MF; structure

polygalacturonic acid transeliminase see pectate lyase

poly-gamma-benzyl-L-glutamate
(RN) 25014-27-1
(HM) *POLYGLUTAMIC ACID/analogs

poly(gamma-D-glutamate)
(RN) 25104-13-6
(HM) *PEPTIDES
(HM) GLUTAMATES
(NO) forms capsule of Bacillus licheniformis

poly G-C see poly G-poly C

poly d(GC),poly d(GC) see poly(dC-dG)

poly(GLP)(GLphi) antigen see poly(Glu(56)Lys(35)Phe(9))(GLphi) antigen

poly(Glu-Ala) see poly(glutamic acid-alanine)

poly(Glu(60)Ala(30)Tyr(10)) see GAT

poly(Glu-Lys) see poly(glutamic acid-lysine)

poly(Glu(56)Lys(35)Phe(9))(GLphi) antigen
(SY) poly(GLP)(GLphi) antigen
(SY) antigen, poly(Glu(56)Lys(35)Phe(9))(GLphi)
(HM) *ANTIGENS

poly(Glu(56)-Lys(35)-Phe(9))n
(RN) 36877-42-6
(SY) PGLPN
(SY) Glu-Lys-Phe-terpolymer
(HM) *PEPTIDES

poly(Glu(52)Lys(33)Tyr(15)) see glutamic acid-lysine-tyrosine terpolymer

poly(Glu-Phe) see copolymer Glu(60)Phe(40)

poly(glutamic acid-alanine)
(RN) 75734-91-7
(RR) 26655-93-6 ((L-Ala)-isomer)
(SY) glutamic acid (60)-alanine (40)
(SY) copolymer (glutamic acid-alanine)
(SY) poly(Glu-Ala)
(HM) *POLYGLUTAMIC ACID
(HM) ALANINE/*analogs
(NO) RN given refers to (L-Glu-DL-Ala)-isomer

poly(glutamic acid-lysine)
(RN) 27456-64-0
(RR) 32217-36-0 ((D)-isomer)
(SY) glutamic acid (60)-lysine (40) copolymer
(SY) PGAL
(SY) copolymer L-glutamic acid-L-lysine
(SY) poly(Glu-Lys)
(HM) *POLYGLUTAMIC ACID/analogs
(HM) POLYLYSINE/*analogs
(NO) RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 7/19/83

poly(glutamic acid-phenylalanine) see copolymer Glu(60)Phe(40)

poly(L-glutamyl-L-tyrosine) see L-glutamic acid-L-tyrosine copolymer

poly(glutaraldehyde)
(RN) 29257-65-6
(SY) polyglutaraldehyde
(HM) *GLUTARALDEHYDE/analogs
(NO) RN & NI from 9th CI Chem Subs Index

polyglutaraldehyde see poly(glutaraldehyde)

poly(Glu(50)Tyr(50)) see L-glutamic acid-L-tyrosine copolymer

polyglycerol
(RN) 25618-55-7
(HM) *GLYCERIN
(HM) *POLYMERS

polyglycerolphosphate
(RN) 52007-79-1
(HM) *GLYCEROPHOSPHATES
(II) POLYSACCHARIDES, BACTERIAL
(II) POLYSACCHARIDES
(NO) RN from 9th CI

polyglycerylmethacrylate
(RN) 28474-30-8
(SY) poly(2,3-dihydroxypropyl methacrylate)
(HM) *POLYMETHACRYLIC ACIDS
(NO) alloplastic vitreous implant

polyglycidyl methacrylate
(RN) 25067-05-4
(HM) *POLYMETHACRYLIC ACIDS
(NO) component of shell-core particles used for automated turbidimetric immunoassay

polyglycine
(RN) 25718-94-9
(SY) polyglycine II
(HM) *PEPTIDES
(NO) dimorphic in solid state existing as beta sheet structure (PG I) or as 3(1) helices (PG II)

polyglycine II see polyglycine

polyglyconate
(RN) 75734-93-9
(SY) Maxon
(SY) 1,4-dioxane-2,5-dione polymer with cyclic trimethylene carbonate
(HM) *POLYMERS
(II) SUTURES

poly(...ycosyl)ceramides
(HM) *GLYCOSPHINGOLIPIDS

poly(glycyl-prolyl-serine)
(SY) (Gly-Pro-Ser)n
(HM) *PEPTIDES

poly(glycyl-valyl-hydroxyproline)
(SY) (Gly-Val-Hyp)n
(HM) *PEPTIDES

polygodial
(RN) 6754-20-7
(SY) 1,4,4a,5,6,7,8,8a-octahydro-5,5,8a-trimethyl-1,2-naphthalenedicarboxaldehyde
(HM) *SESQUITERPENES
(PA) ANTIFUNGAL AGENTS
(II) PLANTS, MEDICINAL
(II) MOLLUSCA
(NO) isolated from leaves of New Zealand tree Pseudowintera colorata; possesses stong antifungal activity against Candida albicans; also isolated from sea slug Dendrodoris limbata

poly (GT) see L-glutamic acid-L-tyrosine copolymer

poly(G,U) see poly(U-G)

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poly(G-U) see poly(U-G)

polyguacyl see poly G-poly C

polyguanilate polycytidylate see poly G-poly C

poly Hb see polyhemoglobin

poly Hb-PLP see polyhemoglobin-pyridoxal-5-phosphate

poly-2HEA-tyramine see alpha,beta poly((2-hydroxyethyl)aspartamide-tyramine

POLY 2HEA see alpha,beta-poly((2-hydroxyethyl)-aspartamide)

polyhedral protein
(SY) polyhedrin
(HM) *VIRAL PROTEINS
(II) POLYHEDROSIS VIRUSES
(NO) proteins from polyhedrosis viruses

polyhedrin see polyhedral protein

polyhemoglobin
(SY) poly Hb
(HM) *HEMOGLOBINS
(II) BLOOD SUBSTITUTES
(NO) stroma-free hemoglobin cross-linked with glutaraldehyde

polyhemoglobin-pyridoxal-5-phosphate
(SY) poly Hb-PLP
(SY) pyridoxalated polymerized hemoglobin
(HM) *HEMOGLOBINS
(HM) PYRIDOXAL PHOSPHATE/*analogs
(II) BLOOD SUBSTITUTES
(NO) artificial oxygen carrier model

polyhexamethylene biguanide hydrochloride see Baquacil

polyhexyl cyanoacrylate see poly(hexyl-2-cyanoacrylate)

poly(hexyl-2-cyanoacrylate)
(RN) 26877-39-4
(SY) PHCA
(SY) hexyl cyanoacrylate polymer
(SY) polyhexyl cyanoacrylate
(HM) *CYANOACRYLATES

poly(His-Asp-Ser-Gly) see poly(histidyl-aspartyl-seryl-glycine)

polyhistidine
(RN) 26062-48-6
(RR) 61155-83-7 ((D)-isomer)
(SY) poly-(alpha-L-histidine)
(SY) poly(L-histidine)
(HM) *PEPTIDES
(NO) RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 7/19/83

poly(L-histidine) see polyhistidine

poly(histidyl-aspartyl-seryl-glycine)
(RN) 84861-22-3
(SY) poly(His-Asp-Ser-Gly)
(HM) *PEPTIDES
(NO) esterase model

poly A hydrolase
(RN) EC 3.1.4.-
(SY) polyadenylase
(SY) polyadenylate hydrolase
(SY) poly A exonuclease
(HM) *RIBONUCLEASES
(NO) endoribonuclease & exoribonuclease isolated; specific to poly(A)

poly(2-hydroxyethyl acrylate) see PHEA

poly(N(5)-(2-hydroxyethyl)-L-glutamine)
(RN) 27878-59-7
(SY) PHEG
(HM) *PEPTIDES
(II) PLASMA SUBSTITUTES

polyhydroxyethyl-tert-octylphenolformaldehyde see tyloxapol

polyhydroxyflavan-3-ol see proanthocyanidin

poly(hydroxyprolylprolylglycine)(10)
(RN) 83797-14-2
(SY) poly(Hyp-Pro-Gly)(10)
(SY) (hydroxyproline-proline-glycine)(10)
(HM) *PEPTIDES

poly-N(5)-(3-hydroxypropyl)-1-glutamine
(RN) 25569-41-9
(SY) PNHPGL
(HM) *PEPTIDES
(NO) structure

poly(n-(2-hydroxypropyl)methacrylamide) see Duxon

poly(Hyp-Pro-Gly)(10) see poly(hydroxyprolylprolylglycine)(10)

poly ICL
(RN) 63779-59-9
(SY) poly IC-polylysine
(SY) poly I-C-poly-lysine
(HM) *POLY I-C
(HM) *POLYLYSINE
(PA) INTERFERON INDUCERS
(PA) ANTINEOPLASTIC AGENTS
(NO) RN given refers to [1:1] cpd of above homopolymers

poly ICLC
(RN) 59789-29-6
(RR) 64685-78-5 (Na salt)
(SY) polyriboinosinic-polyribocytidylic acid- polylysine carboxymethylcellulose
(SY) P.I.C.L.C.
(HM) *POLY I-C
(HM) *POLYLYSINE
(HM) *CARBOXYMETHYLCELLULOSE
(PA) INTERFERON INDUCERS
(NO) consists of poly IC stabilized with poly-L-lysine and carboxymethylcellulose; RN given refers to parent cpd

poly ICL-CM dextran see poly IC-polylysine carboxymethyl dextran

poly IC-polylysine see poly ICL

poly IC-polylysine carboxymethyl dextran
(SY) poly ICL-CM dextran
(HM) *POLY I-C
(HM) *POLYLYSINE
(HM) *DEXTRANS
(PA) INTERFERON INDUCERS
(NO) less toxic in mice than poly ICLC

polyimide resin see Trimel

polyinosinic acid-5-mercaptopolycytidylic acid see poly I-5-mercapto-poly C

polyisobutylene
(RN) 9003-27-4
(RR) 68037-14-9 (chloride)
(HM) *POLYENES
(HM) *POLYMERS
(NO) component of new surgical dressing material; RN given refers to parent cpd

poly(isobutyl methacrylate)
(RN) 9011-15-8
(RR) 97-86-9 (monomer)
(SY) isobutylmethacrylate
(SY) Baxter snap
(HM) *POLYMETHACRYLIC ACIDS
(NO) alkylating agent used for enhancing immunogenecity of tumors; RN given refers to parent cpd

polyisocyanurate
(SY) celotex
(HM) *TRIAZINES
(HM) *POLYMERS
(II) CONSTRUCTION MATERIALS

polyisoleucine
(RN) 34464-35-2
(SY) poly(L-isoleucine)
(HM) *PEPTIDES
(NO) RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 1/8/85

poly(L-isoleucine) see polyisoleucine

polyisopreayl phosphate phosphatase see dolichol phosphatase

poly 15-keto-PGB1 see prostaglandin Bx

poly 15-ketoprostaglandin B1 see prostaglandin Bx

poly(lactic acid)
(RN) 26100-51-6
(RR) 31587-11-8 ((DL)-isomer)
(RR) 26811-96-1 ((S)-isomer)
(SY) polylactic acid
(HM) *POLYMERS
(HM) *LACTATES
(II) DELAYED-ACTION PREPARATIONS
(NO) RN given refers to cpd without isomeric designation

polylactic acid see poly(lactic acid)

polylactic acid-carbon polymer see carbon-polylactic acid polymer

polylactic acid-polyglycolic acid copolymer
(SY) PL-PG copolymer
(HM) *POLYMERS
(II) BIOCOMPATIBLE MATERIALS
(II) PROSTHESIS
(NO) copolymer of 75% polylactic acid & 25% polyglycolic acid

poly(lactide)
(RN) 26969-66-4
(RR) 33135-50-1 ((L)-isomer)
(SY) poly(DL-lactide)
(HM) *POLYESTERS
(NO) RN given refers to homopolymer & (DL)-isomer; RN for cpd without isomeric designation not in Chemline 7/20/83

poly(DL-lactide) see poly(lactide)

polylactosamino-proteoglycan
(SY) polyLA-PG
(HM) *POLYSACCHARIDES
(HM) *PROTEOGLYCANS
(II) RECEPTORS, ENDOGENOUS SUBSTANCES

polyLA-PG see polylactosamino-proteoglycan

polyleucine
(RN) 25248-98-0
(SY) poly(L-leucine)
(HM) *PEPTIDES
(NO) RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 7/19/83

poly(L-leucine) see polyleucine

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poly(Lys-Glu) see poly(lysly-glutamine)

poly-Lys-heparin see polylysine-heparin

polylysine-agarose
(SY) poly-Lys-sepharose
(SY) poly-L-lysine-sepharose
(HM) SEPHAROSE/*analogs
(NO) immunoadsorbent for DNA binding proteins

polylysine-heparin
(SY) poly-Lys-heparin
(SY) heparin-polylysine complex
(HM) *POLYLYSINE
(HM) *HEPARIN
(NO) complex formed with heparin excess; binding sites of heparin & polylysine changed when 2 molecules given as complex

poly-L-lysine-sepharose see polylysine-agarose

poly(Lys-(Leu-poly-DL-Ala)) see poly(lysyl-(leucyl-poly-alanine))

poly(lysly-glutamine)
(SY) poly(lysyl-L-glutamine)
(SY) poly(Lys-Glu)
(HM) POLYLYSINE/*analogs
(HM) *POLYGLUTAMIC ACID/analogs

poly-Lys-sepharose see polylysine-agarose

poly(lysyl-L-glutamine) see poly(lysly-glutamine)

poly(lysyl-(leucyl-poly-alanine))
(SY) poly(Lys-(Leu-poly-DL-Ala))
(SY) LAK
(HM) *PEPTIDES
(II) ADJUVANTS, IMMUNOLOGIC
(NO) MW 106,000; acts as a adjuvant when administered in aqueous solution

polymacon see Bionite

poly(maleic acid-styrene)neocarzinostatin
(SY) SMANCS
(SY) copoly(styrene-maleic acid)neocarzinostatin
(HM) *NEOCARZINOSTATIN/analogs
(HM) *MALEIC ANHYDRIDES
(HM) *POLYSTYRENES
(NO) lipophilic deriv of neocarzinostatin conjugated with a water-soluble copolymer of styrene & maleic acid

polymannose 3-O-methyltransferase
(RN) EC 2.1.1.-
(HM) *METHYLTRANSFERASES

poly(mannuronic acid) see alginic acid

polymannuronic-guluronic acid see alginic acid

polymarcine
(RN) 9006-42-2
(SY) metiram
(SY) polyram
(SY) zinc polyethylenethiuram disulphide
(SY) polycarbacide
(SY) polycarbacin
(SY) poly(ethylenethiuram disulfide)
(SY) zineb-polyethylene thiuram disulfide complex
(HM) *DIETHYLDITHIOCARBAMATE
(PA) FUNGICIDES, INDUSTRIAL
(II) WATER POLLUTANTS, CHEMICAL
(NO) structure in Pesticide Index, 5th ed, p.237

poly(8-MeA) see poly(8-methyladenylic acid)

polymerase associated exonuclease see herpes simplex virus DNA polymerase

poly I-5-mercapto-poly C
(SY) polyinosinic acid-5-mercaptopolycytidylic acid
(SY) poly I-MPC
(HM) POLY I-C/*analogs
(PA) ANTIVIRAL AGENTS
(PA) INTERFERON INDUCERS

polymeric IgA
(SY) IgA, polymeric
(HM) *IGA
(II) POLYMERS

polymeric IgG
(SY) IgG, polymeric
(HM) *IGG
(II) POLYMERS

polymeric IgM
(SY) IgM, polymeric
(SY) immunoglobulin M pentamer
(HM) *IGM
(II) POLYMERS
(NO) found in macroglobulinemia

polymeric 15-keto-PGB1 see prostaglandin Bx

polymerized caprolactam see nylon 6

polymerized human albumin see polyalbumin

polymer X
(SY) polymer-X
(HM) *PYRIDINES
(HM) *POLYMERS
(NO) structure in first source

polymer-X see polymer X

polymetaphosphate see sodium polymetaphosphate

polymethacrylate see polymethacrylic acid

polymethacrylic acid
(RN) 25087-26-7
(RR) 54193-36-1 (Na salt)
(RR) 29297-91-4 (Li salt)
(SY) polymethacrylate
(SY) PMAA
(HM) *POLYMETHACRYLIC ACIDS
(NO) leukocyte mobilizing polyanion; RN given refers to parent cpd

polymethacrylic acid methyl ester see eudispert

polymethionine sulfoxide
(SY) poly-L-methionine sulfoxide
(HM) *PEPTIDES
(II) SOLVENTS
(NO) biologically inert analog of dimethyl sulfoxide with solubilizing potency; structure given in first source

poly-L-methionine sulfoxide see polymethionine sulfoxide

poly(8-methyladenylic acid)
(RN) 86456-35-1
(SY) poly(8-MeA)
(HM) *POLY A
(NO) RN given from first source; RN not in Chemline 10/83

poly(2'-methylcytidilate) see poly(2'-O-methylcytidylic acid)

poly(2'-O-methylcytidylic acid)
(RN) 27014-37-5
(SY) poly(2'-methylcytidilate)
(SY) poly(rCm)
(HM) *POLY C
(II) METHYLATION

polymethylene polyphenylisocyanate
(RN) 9016-87-9
(HM) *POLYMERS
(HM) *CYANATES
(NO) insoluble carrier for immobilization of beta-galactosidase; structure

poly(methylmethacrylate-N-vinylpyrrolidone)
(RN) 25655-01-0
(SY) PMMVP
(HM) *POVIDONE
(HM) *METHYLMETHACRYLATES

poly(methylpentene)
(RN) 9016-80-2
(HM) *POLYENES
(II) PLASTICS
(NO) RN given refers to cpd with unspecified locant for methyl group

poly(2'-methylthioadenylic acid)
(RN) 70804-88-5
(HM) *POLY A

poly(2-methylthio-7-deazainosinic acid)
(RN) 88357-67-9
(SY) poly MTDZI
(HM) *POLY I

poly-5-methylthiouridylic acid
(SY) poly-MTUA
(HM) *POLY U
(HM) *THIONUCLEOTIDES

poly-2-methyl-5-vinylpyridine see 2-methyl-5-vinylpyridine polymer

poly I-MPC see poly I-5-mercapto-poly C

poly A-mRNA see polyadenylated mRNA

poly(A)-mRNA see polyadenylated mRNA

poly(A)(-)-mRNA see non-polyadenylated mRNA

poly(A)+ mRNA see polyadenylated mRNA

poly MTDZI see poly(2-methylthio-7-deazainosinic acid)

poly-MTUA see poly-5-methylthiouridylic acid

polymyxin acylase
(RN) EC 3.5.1.-
(HM) *AMIDOHYDROLASES
(NO) deacylates polymyxin, colistin & octapeptin antibiotics

polymyxin B nonapeptide
(RN) 86408-36-8
(SY) PMBN
(HM) *POLYMYXIN B/analogs
(NO) structure in first source

polymyxin B-sepharose
(HM) SEPHAROSE/*analogs
(II) INDICATORS AND REAGENTS

polynectin see gelatin-binding glycoprotein

polynucleosomes
(HM) *NUCLEOSOMES
(NO) flexible chain of subunits which makes up large proportion of chromatin of eukaryotic cells

polynucleotide uridylyltransferase see poly U polymerase

polyol
(HM) *POLYMERS
(II) ISOELECTRIC FOCUSING AGENTS
(NO) no further info available 5/28/80

polyol dehydrogenase (NADP)
(RN) EC 1.1.1.139
(HM) *SUGAR ALCOHOL DEHYDROGENASES
(NO) after 1978 the Enzyme Commission considers that this enzyme is only aspect of EC 1.1.1.21, aldose reductase

polyolefin see PL 732

poly(A)-oligo(U)+-RNA see non-polyadenylated RNA

polyoma viral large-T protein see viral T proteins

polyoma viral T protein see viral T proteins

polyoma virus capsid antigen see viral V antigens

polyoma virus middle T protein see viral T proteins

polyoma virus transforming protein see viral T proteins

polyornithine
(RN) 25104-12-5
(RR) 27378-49-0 (HBr(L)-isomer)
(RR) 59166-85-7 (methyl sulfate(L)-isomer)
(RR) 26445-53-4 ((DL)-isomer)
(SY) poly-L-ornithine
(HM) *PEPTIDES
(II) SURFACE-ACTIVE AGENTS
(NO) RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 7/20/83

poly-L-ornithine see polyornithine

polyoxin
(RN) 11113-80-7
(HM) PEPTIDES
(HM) PYRIMIDINE NUCLEOSIDES
(PA) ANTIBIOTICS
(PA) ANTIBIOTICS, ANTIFUNGAL
(NO) antifungal antibiotics produced by Streptomyces cacaoi var asoensis; group of peptide-pyrimidine nucleoside antibiotics

polyoxin D
(RN) 22976-86-9
(RR) 33401-46-6 (Zn salt)
(HM) PYRIMIDINE NUCLEOSIDES
(PA) ANTIBIOTICS
(PA) ANTIBIOTICS, ANTIFUNGAL
(NO) RN given refers to parent cpd

polyoxin L
(RN) 22976-90-5
(HM) PYRIMIDINE NUCLEOSIDES
(PA) ANTIBIOTICS, ANTIFUNGAL
(NO) structure given in first source

polyoxotungstate see 5-tungsto-2-antimoniate

polyoxyethylene lauryl ether see polidocanol

polyoxyethylene(23)lauryl ether see polidocanol

polyoxyethylenenonylphenyl ether see nonoxynols

polyoxyethylene octadecyl ether see octadecyl polyoxyethylene ether

polyoxyethylene-polyoxypropylene block copolymer benzoyl ester see pluronic benzoyl ester

polyoxyethylene tridecyl ether see emulphogene BC 720

polyoxyethylene 6-tridecyl ether see emulphogene BC 720

polyoxypropylenediol see polypropylene glycol

polypentamethylene hexamethylene dicarbamate see polypentamethylenehexamethylenedicarbamate

polypentamethylenehexamethylenedicarbamate
(SY) PPHD
(SY) polypentamethylene hexamethylene dicarbamate
(HM) *POLYURETHANES
(II) BIOCOMPATIBLE MATERIALS

polypentapeptide, elastin see elastin polypentapeptide

polypeptide chain elongation factor-1 see elongation factor 1

polypeptide pineal extract see crinofizin

polypeptide PPA-80
(SY) peroxisome-proliferation-associated polypeptide
(HM) *PEPTIDES
(NO) MW 80,000

polypeptide VP1, structural see viral structural proteins

polypeptide YY see peptide YY

1B236 polypeptide
(SY) brain-specific neuronal polypeptide 1B-236
(HM) *NERVE TISSUE PROTEINS
(NO) 318 amino acid polypeptide deduced from nucleotide sequence of its cloned brain-specific mRNA

polyphemin
(HM) *LECTINS
(II) HORSESHOE CRABS
(NO) teichoic acid-binding lectin from Limulus polyphemus distinct from limulin

polyphenolic protein see adhesive protein (mussel)

polyphenols
(HM) *PHENOLS
(HM) *POLYMERS

polyphenylalanine
(RN) 30394-07-1
(RR) 25191-15-5 ((L)-isomer)
(HM) *PEPTIDES
(NO) RN given refers to (DL)-isomer; RN for cpd without isomeric designation not in Chemline 7/20/83

polyphenylenediamine oxidase see 4-phenylenediamine oxidase

polyphenylene sulfide
(RN) 9016-75-5
(HM) *POLYMERS
(II) RESINS
(NO) structure given in first source

polyphosphatase see endopolyphosphatase

polyphosphate depolymerase see endopolyphosphatase

polyphosphate-glucose phosphotransferase
(RN) EC 2.7.1.63
(RR) 9033-50-5 (CRN)
(HM) *PHOSPHOTRANSFERASES

polyphosphate kinase
(RN) EC 2.7.4.1
(RR) 9026-44-2 (CRN)
(HM) *PHOSPHOTRANSFERASES, ATP

polyphosphate phosphohydrolase see exopolyphosphatase

polyphosphoinisitide phosphodiesterase see polyphosphoinositide phosphodiesterase

polyphosphoinositide phosphodiesterase
(RN) EC 3.1.4.-
(SY) polyphosphoinisitide phosphodiesterase
(SY) PPI phosphodiesterase
(HM) *PHOSPHODIESTERASES

polyphosphoinositides
(HM) *PHOSPHOINOSITIDES
(NO) include phosphatidylinositol-4-phosphate & phosphatidylinositol-4,5-diphosphate

polyphosphorylated dinucleosides see dinucleoside polyphosphates

poly(A)-poly(dA)
(RN) 32070-56-7
(HM) *POLY A
(II) POLYDEOXYRIBONUCLEOTIDES
(NO) covalently linked homopolymer

poly(G,A).poly(C)
(RN) 81251-17-4
(HM) *POLYRIBONUCLEOTIDES
(PA) INTERFERON INDUCERS
(NO) RN given refers to [1:1] complex

poly(G).poly(C) see poly G-poly C

poly G-poly C
(RN) 25280-45-9
(RR) 27965-02-2 (copoly(G-C))
(SY) polyguanilate polycytidylate
(SY) polyriboguanylic-polycytidylic acid complex
(SY) poly rG:rC
(SY) poly(G).poly(C)
(SY) polyguacyl
(SY) poly G-C
(HM) *POLY G
(HM) *POLY C
(NO) RN given refers to dipolymer

poly(G,I).poly(C)
(RN) 34607-23-3
(HM) *POLY I-C
(HM) *POLY G
(PA) INTERFERON INDUCERS

poly I-C-poly-lysine see poly ICL

poly(A)-poly(Me2N(5)U) see polyriboadenylic acid-polyribo-5- dimethylaminouridylic acid

poly U polymerase
(RN) EC 2.7.7.-
(SY) polynucleotide uridylyltransferase
(HM) *NUCLEOTIDYLTRANSFERASES

polyprenoic acid see 3,7,11,15-tetramethyl-2,4,6,10,14-hexadecapentaenoic acid

polyprenols
(HM) *TERPENES
(NO) structure

polyprenyl monophosphate
(HM) *POLYISOPRENYL PHOSPHATES
(NO) cpd not in Chemline 7/20/83

polyprenyl phosphate-mannose
(SY) mannosyl-1-phosphoryl polyprenol
(HM) *POLYISOPRENYL PHOSPHATE MONOSACCHARIDES

polyprenylpyrophosphate
(RN) 38095-90-8
(HM) *POLYISOPRENYL PHOSPHATES

polyprenyl pyrophosphate-p-hydroxybenzoate polyprenyltransferase see 4-hydroxybenzoate polyprenyltransferase

Polypress
(RN) 84057-89-6
(HM) *PRAZOSIN
(HM) *POLYTHIAZIDE
(HM) DRUG COMBINATIONS
(PA) ANTIHYPERTENSIVE AGENTS
(NO) combination of above 2 cpds for treatment of hypertension

poly(DL-proline) see polyproline

polyproline
(RN) 25191-13-3
(SY) poly(L-proline)
(SY) poly(DL-proline)
(HM) *PEPTIDES
(NO) RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 7/20/83

poly(L-proline) see polyproline

polypropylene carbonate
(RN) 50862-75-4
(HM) *POLYPROPYLENES
(NO) structure given in first source

polypropylene glycol
(RN) 25322-69-4
(SY) laprol-702
(SY) polyoxypropylenediol
(HM) *PROPANEDIOLS
(HM) *POLYMERS

poly rA dT see poly A-T

polyram see polymarcine

poly(rA).oligo(dT)
(RN) 60164-00-3
(HM) *POLY A
(HM) *OLIGODEOXYRIBONUCLEOTIDES
(NO) RN given refers to cpd with 10 thymidyly groups

poly(rCm) see poly(2'-O-methylcytidylic acid)

poly I-C receptor
(SY) poly I-C receptors
(SY) receptor, poly I-C
(HM) *RECEPTORS, IMMUNOLOGIC
(II) POLY I-C

poly I-C receptors see poly I-C receptor

poly(rG-dC).poly(rG-dC)
(SY) (G-dC) copolymer
(SY) poly(rG-m5dC).poly(rG-m5dC)
(HM) *POLYNUCLEOTIDES
(NO) mixed ribo-deoxyribo copolymer

poly(rG-m5dC).poly(rG-m5dC) see poly(rG-dC).poly(rG-dC)

poly rG:rC see poly G-poly C

polyribitol phosphate
(RN) 51584-96-4
(SY) polyribosylribitolphosphate
(HM) *POLYSACCHARIDES
(II) POLYSACCHARIDES, BACTERIAL
(NO) capsular polysaccharide or Haemophilus influenzae type b

polyribitolphosphate polymerase see teichoic-acid synthase

polyribitolphosphate synthase see teichoic-acid synthase

polyriboadenylic acid-polyribo-5-dimethylaminouridylic acid
(RN) 86103-48-2
(SY) poly(A)-poly(Me2N(5)U)
(SY) poly A-DMA-U
(HM) *POLY A-U
(PA) INTERFERON INDUCERS

polyriboguanylic-polycytidylic acid complex see poly G-poly C

polyriboinosinic-polyribocytidylic acid-polylysine carboxymethylcellulose see poly ICLC

polyribophosphate see polyribose phosphate

polyribose phosphate
(RN) 43019-47-2
(SY) polyribophosphate
(HM) *POLYSACCHARIDES, BACTERIAL
(HM) *PENTOSEPHOSPHATES
(NO) principal capsular polysaccharide antigen of Hemophilus influenzae type b in patients with meningitis & arthritis caused by this organism

poly(A) ribosomal RNA
(SY) poly(A-) rRNA
(HM) *RNA, RIBOSOMAL
(HM) *POLY A

polyribosylribitolphosphate see polyribitol phosphate

poly A rich-RNA see poly(A) RNA

poly(A)+ RNA see poly(A) RNA

poly(A+) RNA see poly(A) RNA

poly(A) RNA
(SY) polyadenylic acid RNA
(SY) poly(A)+ RNA
(SY) poly(A+) RNA
(SY) poly A rich-RNA
(SY) polyadenylated RNA
(HM) *RNA
(HM) *POLY A
(NO) see also record for poly(A)-mRNA

poly(A)-poly(U)+-RNA see non-polyadenylated RNA

poly(A-) rRNA see poly(A) ribosomal RNA

polysaccharide K1, E coli see K1 polysaccharide

polysaccharide depolymerase see capsular-polysaccharide galactohydrolase

polysaccharide EA6
(HM) *POLYSACCHARIDES
(II) PROTEIN BINDING
(NO) isolated from Flammulina velutipes

polysaccharide, group A streptococcal see streptococcal polysaccharide group A

polysaccharide, group B type III streptococcal see streptococcal polysaccharide type III group B

polysaccharide, meningococcus group A see meningococcal group A polysaccharide

polysaccharide, meningococcus group C see meningococcal group C polysaccharide

polysaccharide-protein complex (Candida)
(SY) PSPC (Candida)
(HM) *GLYCOPROTEINS
(NO) induces pentylenetetrazol convulsions

polysaccharide C-substance see polysaccharide C-substance (Streptococcus)

polysaccharide C-substance (Streptococcus)
(SY) polysaccharide C-substance
(SY) pneumococcal C-polysaccharide
(SY) streptococcal polysaccharide group C
(HM) *POLYSACCHARIDES, BACTERIAL
(II) ANTIGENS, BACTERIAL
(II) ANTIGENIC DETERMINANTS
(NO) from Streptococcus pneumoniae; common antigen of various strains of pneumococci; major antigenic determinant; contains phosphocholine

polysaccharide sulfate see sulfated polysaccharides

polysaccharide type Ia group B, streptococcal see streptococcal polysaccharide Ia group B

polysaccharide type Ib group B, streptococcal see streptococcal polysaccharide Ib group B

polysaccharide, meningococcus group B see meningococcal group B polysaccharide

polysarcosine
(RN) 25951-24-0
(HM) *PEPTIDES
(HM) SARCOSINE/*analogs

polysialic acid
(HM) *SIALIC ACIDS
(II) POLYSACCHARIDES, BACTERIAL
(II) POLYSACCHARIDES

polysialoganglioside see ganglioside, GT1

polysialogangliosides
(HM) *GANGLIOSIDES
(NO) di & tri-sialogangliosides (other than mono)

poly A specific exoribonuclease
(RN) EC 3.1.13.-
(SY) 2',3'-exoribonuclease
(SY) 3'-exoribonuclease
(HM) *EXORIBONUCLEASES
(NO) acts on 2' or 3'-linked oligoriboadenylates to liberate 5'-AMP

poly C-specific ribonuclease see ribonuclease C

polyspectrin
(RN) 52218-57-2
(SY) polyspectrin N
(HM) *BACITRACIN
(HM) *NEOMYCIN
(HM) *POLYMYXIN B
(HM) DRUG COMBINATIONS

polyspectrin N see polyspectrin

polysponin
(RN) 55963-77-4
(HM) *SAPONINS
(HM) DRUG COMBINATIONS
(PA) ANTILIPEMIC AGENTS

polystyrene polyamine copolymer
(RN) 75734-81-5
(SY) SA copolymer
(HM) *POLYSTYRENES
(II) BIOCOMPATIBLE MATERIALS
(NO) structure given in first source

polystyrene sulfonate see polystyrene sulfonic acid

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polystyrene sulfonic acid
(RN) 28210-41-5
(RR) 25704-18-1 (homopolymer Na salt)
(RR) 50851-57-5 (unspecified locant for ethenyl group)
(RR) 37286-92-3 (homopolymer Ca salt)
(SY) Kayexalate
(SY) sodium polystyrene sulfonate
(SY) polystyrene sulfonate
(SY) calcium resonium
(SY) calcium polystyrene sulfonate
(SY) PSSO3
(SY) Kalimate
(HM) *POLYSTYRENES
(II) CATION EXCHANGE RESINS
(II) RESINS, SYNTHETIC
(NO) RN given refers to homopolymer with locant for ethenyl moiety in position 4; Ca salt is potassium absorbing resin administered orally for treatment of hyperkalemia

polysulfide see polysulfides

polysulfides
(RN) 9080-49-3
(SY) polysulfide
(HM) *SULFIDES
(II) ACNE/drug ther

polysulfone see polysulfone P 1700

polysulfone A see polysulfone P 1700

polysulfone P 1700
(RN) 25135-51-7
(SY) polysulfone A
(SY) polysulfone
(HM) *POLYMERS
(HM) *SULFONES

polyterephthalic acid anhydride
(SY) PPAA
(HM) *POLYMERS
(HM) *PHTHALIC ANHYDRIDES
(II) BIOCOMPATIBLE MATERIALS
(NO) used as vehicle in controlled drug delivery systems

polytetrafluoroethane see Epigard

polytetrafluoroethylene-aluminum oxide see proplast II

polytetramethylene hexamethylene dicarbamate see polytetramethylenehexamethylenedicarbamate

polytetramethylenehexamethyl enedicarbamat e
(SY) PTHD
(SY) polytetramethylene hexamethylene dicarbamate
(HM) *POLYURETHANES
(II) BIOCOMPATIBLE MATERIALS

polythene see plastipore

poly(tubercidin 5'-phosphate) see polydeazaadenylic acid

poly-two composite
(SY) CFRHDP
(HM) *POLYETHYLENES
(HM) *CARBON
(II) COMPOSITE RESINS
(II) BIOCOMPATIBLE MATERIALS
(NO) composite of ultra-high MW polyethylene & carbon fiber

poly-L-(Tyr,Glu)-poly-DL-Ala-poly-L-Lys see (T,G)-A-L

poly(U,C)
(RN) 26427-29-2
(RR) 34689-47-9 (poly U-poly C)
(SY) poly(C,U)
(SY) 5'-uridylic acid 5'-cytidylic acid copolymer
(HM) *POLY U
(HM) *POLY C
(NO) RN given refers to parent cpd

poly(U-G)
(RN) 26680-26-2
(SY) poly(G-U)
(SY) poly(G,U)
(SY) poly(U5,G)
(HM) *POLY U
(HM) *POLY G

polyunsaturated phosphatidylcholine see polyene phosphatidylcholine

polyurea
(RN) 37955-36-5
(HM) *POLYMERS

polyurethane foam
(RN) 9009-54-5
(HM) *POLYURETHANES
(II) CONSTRUCTION MATERIALS
(NO) widely used foam insulation

polyuronic acid Ca salt see traumacel

polyuronide see traumacel

poly(U5,G) see poly(U-G)

polyvalent DSHT vaccine
(SY) diphtheria-streptococcus-hepatitis B-tetanus vaccine
(HM) *DIPHTHERIA TOXOID
(HM) *TETANUS TOXOID
(HM) *HEPATITIS B SURFACE ANTIGENS
(HM) *BACTERIAL ANTIGENS
(II) BACTERIAL VACCINES
(II) VIRAL HEPATITIS VACCINES
(NO) polyvalent vaccine composed of 3 synthetic peptides copying fragments of diphtheria toxin, Strep M protein, hepatitis B surface antigen conjugated to tetanus toxoid

polyvalent pseudomonas vaccine
(SY) PEV-01
(SY) pseudomonas vaccine PEV 01
(HM) *BACTERIAL VACCINES
(II) PSEUDOMONAS

polyvaline
(RN) 25609-85-2
(SY) poly(L-Val)
(HM) *PEPTIDES
(NO) RN given refers to (L-Val)-isomer, homopolymer; RN for cpd without isomeric designation not in Chemline 8/1/83

poly(L-Val) see polyvaline

poly-VEP see poly-4-vinyl-N-ethylpyridine

polyvinyl acetate
(RN) 9003-20-7
(SY) Formvar
(SY) Formvar 1285
(SY) vilan 500
(HM) *POLYVINYLS
(NO) allergen ingredient of chewing gum

polyvinylacetate phthalate polymer
(RN) 34481-48-6
(SY) PVAP
(HM) *POLYVINYLS

poly(9-vinyladenine)
(RN) 26747-12-6
(HM) *POLYVINYLS

polyvinyl alcohol formaldehyde foam
(RN) 26876-25-5
(SY) cellolite
(SY) merocel
(HM) *POLYVINYL ALCOHOL
(HM) *FORMALDEHYDE
(II) BIOCOMPATIBLE MATERIALS
(II) HEMOSTATICS
(NO) tested for use as temporary skin cover for infected wounds & burns; also used as neurosurgical patty

polyvinyl chloride-methoxypoly (ethyleneglycol)monomethacrylate
(SY) PVC-g-MnG
(HM) *POLYMETHACRYLIC ACIDS

poly-4-vinyl-N-ethylpyridine
(RN) 25619-82-3
(RR) 28502-97-8 (iodide)
(RR) 36732-06-6 (ethyl sulfate)
(RR) 76810-87-2 (fluoride)
(SY) poly-VEP
(SY) poly(4-vinyl-N-ethylpyridinium bromide)
(SY) poly(N-ethyl-4-vinylpyridinium Br)
(HM) *POLYVINYLS
(NO) RN given refers to bromide; RN for parent cpd not in Chemline 7/20/83

poly(4-vinyl-N-ethylpyridinium bromide) see poly-4-vinyl-N-ethylpyridine

polyvinylidene fluoride
(RN) 24937-79-9
(HM) *POLYVINYLS

polyvinylnaphthalene
(RN) 28406-56-6
(HM) *POLYVINYLS
(NO) component of shell-core particles used for automated turbidimetric immunoassay

poly-4-vinylpyridine
(RN) 25232-41-1
(HM) *POLYVINYLS

polyvinyl siloxane see vinyl polysiloxane

polyvinylsiloxane caoutchouc
(SY) SCTV
(HM) *POLYVINYLS
(HM) *RUBBER
(HM) *SILOXANES
(NO) used in construction of medical appliances

polyvinyl sulfate
(RN) 25191-25-7
(RR) 26837-42-3 (homopolymer K salt)
(RR) 26182-60-5 (K salt homopolymer)
(SY) potassium polyvinylsulfate
(HM) *POLYVINYLS
(NO) RN given refers to homopolymer

poly(1-vinyluracil)
(RN) 25750-74-7
(HM) *POLYVINYLS

poly(xanthylic acid)
(RN) 25249-23-4
(HM) *POLYNUCLEOTIDES
(NO) RN given is for 5'xanthylic acid polymer

POMB-ACE
(HM) VINCRISTINE
(HM) METHOTREXATE
(HM) BLEOMYCINS
(HM) ETOPOSIDE
(HM) DACTINOMYCIN
(HM) CYCLOPHOSPHAMIDE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above 6 cpds

N-POMC see MSH, pro-gamma-

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POMCATGP see pro-opiomelanocortin amino-terminal glycopeptide

POMC enzyme see pro-opiocortin converting enzyme

POMC (14-23) see pro-opiomelanocortin joining peptide

POMP
(HM) PREDNISONE
(HM) VINCRISTINE
(HM) 6-MERCAPTOPURINE
(HM) METHOTREXATE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol of above cpds

3-POMPD see
3-phenyl-2-oxo-5-(2-(4-methylpiperazin-1-yl)acetyl)-1H-tetrahydropyrido(2,3b)(1,4)diazepine

4-POMPD see
4-phenyl-2-oxo-5-(2-(4-methylpiperazin-1-yl)acetyl)-1H-tetrahydropyrido(2,3-b)(1,4-)diazepine

ponalide see ethybenztropine

ponasterone A
(RN) 13408-56-5
(RR) 19338-77-3 (ponasterone B (2alpha,3alpha,5beta,22R)-isomer)
(SY) 2 beta,3 beta,14,20,22-pentahydroxy-5 beta-cholest-7-en-6-one
(SY) 25-deoxycedysterone
(HM) ECDYSTERONE/*analogs
(NO) RN given refers to (2 beta,3 beta,5 beta,22R)-isomer; RN for cpd without isomeric designation not in Chemline 7/20/83

ponceau MX
(RN) 7481-49-4
(RR) 68928-54-1 (mono-Ba salt)
(RR) 3761-53-3 (di-Na salt)
(SY) 1-(2,4-xylylazo)-2-naphthol-3,6-disulfonic acid disodium salt
(SY) ponceau 2R
(SY) C.I. 16150
(SY) ponceau xylidine
(HM) *AZO COMPOUNDS
(II) FOOD COLORING AGENTS
(NO) RN given refers to parent cpd; structure

ponceau xylidine see ponceau MX

ponceau 2R see ponceau MX

ponceau 4R see new coccine

p21 oncogene-encoded proteins see c-Ha-ras oncogene proteins

p185 oncogene protein neu see neu oncogene protein p185

p21 onc protein see c-Ha-ras oncogene proteins

Pondinil see mefenorex

pontamine sky blue
(RN) 2610-05-1
(SY) C.I. direct blue 1
(SY) Niagara sky blue 6B
(HM) *AZO COMPOUNDS
(II) DYES

PO protein see PO glycoprotein

porapak P
(RN) 9052-95-3
(HM) *POLYETHYLENES
(NO) adsorbant for gas chromatography

porcine glucagon see proglucagon

porcine insulin see insulin, neutral

porcine intestinal heptacosapeptide see PHI peptide

pore protein see porin

porin
(SY) porins
(SY) pore protein
(HM) *BACTERIAL OUTER MEMBRANE PROTEINS
(II) ION CHANNELS
(NO) proteins which can produce transmembrane channels or pores when reconstituted with phospholipids & lipopolysaccharides

porins see porin

porofor BSH see benzenesulfohydrazide

porolon
(HM) *POLYURETHANES
(II) SURGICAL MESH

2,7,12,17-porphinetetrapropionic acid see uroporphyrin I

porphobilinogenase
(RN) EC 5.-
(RR) 9055-40-7 (CRN)
(HM) *AMMONIA-LYASES
(NO) a combination of uroporphyrinogen I synthase & uroporphyrinogen isomerase which catalyzes the formation of uroporphyrinogen III from porphobilinogen; minor descriptor (75-84); on-line & Index Medicus search AMMONIA-LYASES (75-84)

porphobilinogen esterase see carboxylesterase

porphobilinogen oxygenase
(RN) EC 1.13.-
(HM) *MIXED FUNCTION OXIDASES
(NO) porphobilinogen is converted to 5-oxo-porphobilinogen

porphyran
(RN) 11016-36-7
(HM) *AGAROSE/analogs
(II) POLYSACCHARIDES, BACTERIAL
(NO) agarose highly substituted by 6-O-sulfation of L-galactose units & 6-O-methylation of D-galactose units; from Porphyra umbicicalis & Bangia fuscopurpurea

porphyrin c
(RN) 635-50-7
(HM) *PORPHYRINS
(NO) product after cytochrome C heme iron selectively removed using anhydrous HF

porphyrinogen carboxy-lyase
(RN) EC 4.1.1.-
(HM) *CARBOXY-LYASES
(NO) consider uroporphyrinogen decarboxylase

porphyropsin
(RN) 9009-58-9
(HM) *RETINAL PIGMENTS
(NO) visual pigment predominantly found in freshwater vertebrates; composed of protein, opsin & 3,4-dehydroretinal

Porter Silber chromogens
(HM) *17-HYDROXYCORTICOSTEROIDS
(II) PIGMENTS

post albumin
(HM) *ALPHA GLOBULINS
(II) SERUM ALBUMIN
(II) SERUM ALBUMIN, BOVINE

post-alpha-MSH see MSH, post-alpha-

Posterisan see Escherichia coli vaccine

post gamma-globulins
(SY) gamma-trace
(SY) post-gamma-protein
(SY) gamma CSF
(SY) delta a T
(SY) gamma c globulin
(SY) human cystatin
(SY) cystatin, human
(SY) cystatin C
(SY) gamma-trace alkaline microprotein
(HM) *PROTEINS
(PA) PROTEASE INHIBITORS
(II) CEREBROSPINAL FLUID PROTEINS
(NO) found in many organs; cysteine protease inhibitor; low MW; composed of 120 amino acid residues; see also cystatin, egg-white, stefin & the general term cysteine protease inhibitors, endogenous

post-gamma-protein see post gamma-globulins

POS-TP see
10-(3-propionyloxysuccinimide)-2-(trifluoromethyl) phenothiazine

post-proline cleaving enzyme see post-proline endopeptidase

post-proline dipeptidyl aminopeptidase see dipeptidyl peptidase IV

post-proline endopeptidase
(RN) EC 3.4.21.26
(RR) 72162-84-6 (CRN)
(SY) post-proline cleaving enzyme
(SY) proline specific endopeptidase
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) cleaves dipeptides from N-terminal end of peptide chain if penultimate residue is proline

postsynaptic density protein
(SY) mPSDp
(SY) major postsynaptic density protein
(SY) PSD-95
(HM) *NERVE TISSUE PROTEINS
(NO) mPSDp has MW 52,000; molecular marker specific to asymmetric synapses in mammalian forebrain

posttransferrin
(HM) *TRANSFERRIN
(II) BLOOD GROUPS
(II) BLOOD PROTEIN ELECTROPHORESIS
(NO) electrophoretic variant of transferrin used as genetic marker

POS 7 see O-(2-hydroxy-3-(tert-butylamino)propyl)-3,3,5-trimethylcyclohexanone oxime

potash see potassium hydroxide

potassium acetate see acetic acid glacial

potassium acid phosphate see potassium phosphate

potassium antimonate
(RN) 16210-51-8
(SY) potassium pyroantimonate
(HM) *ANTIMONY
(NO) used to precipitate calcium ions in localizing calcium antimonate in atrial & ventricular fibers of cat heart; see also pyroantimonate: 23601-23-2, sodium antimonate: 20602-01-1

potassium arrest solution see potassium cardioplegic solution

potassium arsenite solution
(RN) 1332-10-1
(SY) Fowler's solution
(HM) *ARSENIC
(HM) *POTASSIUM
(II) PSORIASIS/drug ther

potassium ATPase see K ATPase

potassium benzoate see benzoic acid

potassium benzylselenosulfate see benzylselenium sulfuric acid

potassium 3-(17 beta-hydroxy-6 beta,7 beta-methylene-3-oxo- 4-androstene-17 alpha-yl)propionate see proprenoate potassium

potassium bicarbonate
(RN) 298-14-6
(SY) potassium hydrocarbonate
(SY) KHCO3
(HM) *BICARBONATES
(II) POTASSIUM

potassium borohydride
(RN) 13762-51-1
(SY) KBH4
(HM) *BOROHYDRIDES

potassium bromate
(RN) 7758-01-2
(HM) *BROMATES
(II) FOOD ADDITIVES
(II) HAIR PREPARATIONS
(NO) used as bread improver

potassium bromide
(RN) 7758-02-3
(HM) *POTASSIUM
(HM) *BROMIDES

potassium calcium ATPase see calcium potassium ATPase

potassium carbonate
(RN) 584-08-7
(HM) *POTASSIUM
(HM) *CARBONATES

potassium cardioplegic solution
(SY) potassium crystalloid cardioplegia
(SY) KCASO
(SY) crystalloid cardioplegic solution
(SY) potassium arrest solution
(HM) *POTASSIUM
(II) HEART ARREST, INDUCED
(II) HYPERTONIC SOLUTIONS
(NO) K, Na, Mg, Cl, dextrose solution for protecting heart during aortocoronary bypass by interrupting contraction of myocardium; potassium is active ingredient

potassium cellulose phosphate see phosphocellulose

potassium 4-((5-chloro-2-oxo-3(2H)-benzothiazolyl) acetyl-1-piperazine sulfonate see 4-((5-chloro-2-oxo-3(2H)-benzothiazolyl)acetyl-1-piperazinesulfonic acid

potassium chromate see potassium chromate(VI)

potassium chromate(VI)
(RN) 7789-00-6
(RR) 18453-57-1 (51Cr-labeled cpd)
(SY) dipotassium chromate
(SY) bipotassium chromate
(SY) potassium chromate
(HM) *CHROMATES
(NO) RN given refers to cpd with MF of K2-CrH2O4

potassium chromium oxalate see oxalic acid

potassium citrate see citric acid

potassium crystalloid cardioplegia see potassium cardioplegic solution

potassium cyanate
(RN) 590-28-3
(RR) 62481-07-6 (15N-labeled cpd)
(RR) 69545-33-1 (13C-labeled cpd)
(RR) 69545-34-2 (13C,15N-labeled cpd)
(RR) 69545-35-3 (18(O)-labeled cpd)
(SY) KOCN
(SY) KNCO
(SY) potassium isocyanate
(HM) *CYANATES
(NO) RN given refers to cpd with MF of K-CHNO

potassium dichloro-s-triazinetrione see troclosene

potassium dihydrogen phosphate see potassium phosphate

potassium 4-(3,3-dimethyl-1-triazeno)benzoate see 1-4-(3,3-dimethyl-1-triazeno)benzoic acid

potassium embelate see embelin

potassium ferrate
(RN) 39469-86-8
(SY) K2FeO4
(HM) *IRON
(HM) *POTASSIUM
(II) INDICATORS AND REAGENTS
(NO) oxidizing agent

potassium ferricyanide
(RN) 13746-66-2
(SY) K3Fe(CN)6
(SY) potassium hexacyanoferrate (III)
(HM) *FERRICYANIDES

potassium ferrocyanide
(RN) 13943-58-3
(HM) *FERROCYANIDES

potassium fluoride
(RN) 7789-23-3
(HM) *POTASSIUM

potassium-free Ringer's solution see Ringer's solution, potassium-free

potassium glucuronate see glucuronic acid

potassium glutamate see glutamic acid

potassium guaiacolsulfonate see guaiacolsulfonic acid

potassium gymnemate see gymnemic acid

potassium hexacyanoferrate (III) see potassium ferricyanide

potassium hydrocarbonate see potassium bicarbonate

potassium-hydrogen antiporter
(SY) potassium-hydrogen exchanger
(SY) K(+)-H(+)-exchanger
(HM) *CARRIER PROTEINS
(II) POTASSIUM
(II) HYDROGEN
(NO) has role in regulation of mitochondrial matrix

potassium hydrogen ATPase
(RN) EC 3.6.1.-
(SY) K H ATPase
(SY) H K ATPase
(SY) hydrogen potassium ATPase
(SY) ATPase, potassium hydrogen
(SY) H+,K+ ATPase
(HM) *ADENOSINE TRIPHOSPHATASE
(NO) aspect of ATPASE EC 3.6.1.3

potassium-hydrogen exchanger see potassium-hydrogen antiporter

potassium hydrogen phthalate see phthalic acid

potassium hydroxide
(RN) 1310-58-3
(RR) 32446-44-9 (tetrahydrate)
(RR) 57515-02-3 (39K-labeled cpd)
(RR) 57515-01-2 (41K-labeled cpd)
(RR) 26288-25-5 (monohydrate)
(SY) potash
(HM) *POTASSIUM
(HM) *HYDROXIDES
(NO) RN given refers to cpd with MF of K-OH

potassium iodate
(RN) 7758-05-6
(HM) *POTASSIUM
(HM) *IODATES

potassium iridium chloride see hexachloroiridate

potassium iron(III) ferrocyanide see potassium iron(III) hexacyanoferrate (II)

potassium iron(III) hexacyanoferrate (II)
(RN) 25869-98-1
(SY) potassium iron(III) ferrocyanide
(SY) K-Fe(III)-FOC
(HM) *FERROCYANIDES
(PA) ANTIDOTES
(NO) used in treatment of thallium poisoning

potassium isocyanate see potassium cyanate

potassium magnesium sulfate
(RN) 17855-14-0
(HM) *POTASSIUM
(HM) *MAGNESIUM

potassium metabisulfite
(RN) 16731-55-8
(RR) 4429-42-9 (former CAS registry number)
(RR) 14907-13-2 (cpd with unspecified MF)
(HM) *SULFITES
(NO) RN given refers to cpd with MF of K2-H2O5S2; request from searcher; structure

potassium methanesulfonate see methanesulfonate

potassium monohydrogen phosphate see potassium phosphate

potassium monopersulfate see potassium persulfate

potassium nitrate
(RN) 7757-79-1
(RR) 57137-40-3 (monohydrate)
(SY) saltpeter
(SY) saltpetre
(HM) *NITRATES
(NO) RN given refers to cpd with MF of K-HNO3

potassium nitrite
(RN) 7758-09-0
(HM) *NITRITES

potassium p-nitrobenzyl selenosulfuric acid see 4-nitrobenzyl selenosulfuric acid

potassium nitrosodisulfonate see Fremy's salt

potassium nonanoate see pelargonic acid

potassium octan-2-sulfate see octyl-2-sulfate

potassium octatitanate see fybex

potassium perchlorate
(RN) 7778-74-7
(HM) *PERCHLORIC ACIDS
(HM) POTASSIUM
(II) THYROID GLAND/drug eff
(NO) thyroid antagonist; structure

potassium periodate
(RN) 7790-21-8
(HM) *PERIODIC ACIDS

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potassium peroxodisulfate see potassium persulfate

potassium peroxydisulfate see potassium persulfate

potassium persulfate
(RN) 7727-21-1
(SY) potassium monopersulfate
(SY) potassium peroxodisulfate
(SY) potassium peroxydisulfate
(HM) *SULFATES
(HM) POTASSIUM
(NO) structure

potassium phenethicillin see phenethicillin

potassium phosphate
(RN) 16068-46-5
(RR) 7778-77-0 (K-H3PO4)
(RR) 14887-42-4 (K-H3PO4[1:2])
(RR) 7758-11-4 (K2-H3PO4)
(RR) 7778-53-2 (K3-H3PO4)
(SY) potassium acid phosphate
(SY) potassium dihydrogen phosphate
(SY) potassium phosphate, monobasic
(SY) potassium phosphate, dibasic
(SY) dipotassium hydrogen phosphate
(SY) potassium monohydrogen phosphate
(HM) *PHOSPHATES
(HM) *POTASSIUM
(II) BUFFERS
(NO) RN given refers to cpd with unspecified MF

potassium phosphate, dibasic see potassium phosphate

potassium phosphate, monobasic see potassium phosphate

potassium polyvinylsulfate see polyvinyl sulfate

potassium prorenoate see proprenoate potassium

potassium pyroantimonate see potassium antimonate

potassium succinate see succinic acid

potassium sulfate
(RN) 7778-80-5
(RR) 10233-01-9 (cpd with unspecified MF)
(RR) 7646-93-7 (K-H2SO4[1:1])
(RR) 23725-97-5 (35S-labeled cpd)
(SY) dipotassium sulfate
(SY) K(2)SO(4)
(HM) *SULFATES
(NO) RN given refers to cpd with MF of K2-H2SO4

potassium superoxide
(RN) 12030-88-5
(HM) *SUPEROXIDE

potassium tartrate see tartaric acid

potassium tellurate(IV)
(RN) 7790-58-1
(SY) potassium tellurite
(HM) *TELLURIUM

potassium tellurite see potassium tellurate(IV)

potassium tetrabromoaurate see gold tetrabromide, acid

potassium thiocyanate
(RN) 333-20-0
(RR) 60763-16-8 (K-Ag-CHNS[1:1:2])
(SY) rhodanide
(HM) *THIOCYANATES
(II) DYES
(NO) RN given refers to cpd with MF of K-CHNS

potassium thiosulfate
(RN) 10294-66-3
(HM) *THIOSULFATES

potassium triiodide see Lugol's solution

potassium triphosphate see triphosphoric acid

potato lectin
(SY) Solanum tuberosum agglutinin
(HM) *LECTINS

Poydese see polidez

PO-357 see sporamycin

PPAA see polyterephthalic acid anhydride

PPAAP see phenylalanyl-prolyl-arginyl-5-amidoisophthalic acid dimethyl ester

PPACK see prolyl-phenylalanyl-arginine chloromethyl ketone

PPAPAPA see adenosine triphosphate adenosine monophosphate adenosine monophosphate

ppApp see adenosine 3'-diphosphate 5'-diphosphate

PPC amino acid preparation
(HM) *GLUTAMINE
(HM) *ALANINE
(HM) *GLYCINE
(HM) DRUG COMBINATIONS
(NO) contains glutamine, alanine & glycine; used in the treatment of nonspecific, chronic prostatitis

ppCH2Br)pA see 5'-adenylyl (alpha,beta-bromomethylene)diphosphonate

PP B2-chromosomal see chromosomal phosphoprotein B2

20-PP-diol see 20-(1-propynyl)-5-pregnen-3,20-diol

PP-DIP see protein phosphatase deinhibitor protein

PPDKRP see pyruvate, phosphate dikinase regulatory protein

pp32 DNA binding protein see avian retrovirus proteins

PPD oxidase see 4-phenylenediamine oxidase

PPE-3-BP see phosphoenol-3-bromopyruvate

PPED see phosphoric phenyl ester diamide

PPEPNF see 2-phenyl-3-4-(beta-pyrrolidinoethoxy)phenyl-(2-1,b)-naphthofuran

PPE-3-F see phosphoenol-3-fluoropyruvate

ppGp see guanosine 5'-diphosphate-3'-monophosphate

PPGPPase see guanosine 5'-diphosphate 3'-diphosphate pyrophosphorylase

ppGpp pyrophosphorylase see guanosine 5'-diphosphate 3'-diphosphate pyrophosphorylase

PPHD see polypentamethylenehexamethylenedicarbamate

PPI dependent nucleoside kinase see pyrophosphate-nucleoside kinase

PPIEP see phosphatidylinositol exchange protein

PPI phosphodiesterase see polyphosphoinositide phosphodiesterase

PP-cis-trans-isomerase see peptidyl-prolyl cis-trans-isomerase

6-PPM-5-hydroxyindane see 6-(N-alpha-pipecolinomethyl)-5-hydroxyindane

pp62 c-myc protein see proto-oncogene c-myc proteins

pp66 c-myc protein see proto-oncogene c-myc proteins

PPO hydroxylase see 2,5-diphenyloxazole hydroxylase

PPOMedUMP see 5-(hydroxymethyl-O-pyrophosphoryl)deoxyuridylate

pppA(2'p5'A)n-dependent ribonuclease
(RN) EC 3.1.26.-
(SY) oligo A-dependent endoribonuclease
(SY) OADERase
(SY) 2',5'-oligo(A)-activated endoribonuclease
(SY) RNase L
(HM) *ENDORIBONUCLEASES

pppApp see adenosine 5'-triphosphate 3'-diphosphate

pppApU see adenosine triphosphate uridine monophosphate

PPPA(1)'P(5)'A(2)'P(5)'A see adenosine triphosphate adenosine monophosphate adenosine monophosphate

pppA(2'p5'A) see adenosine triphosphate-2',5'-adenosine monophosphate

pppA2'p5'A2'p5'A see adenosine triphosphate adenosine monophosphate adenosine monophosphate

pppA2'-5'A2'-5'A see adenosine triphosphate adenosine monophosphate adenosine monophosphate

pppGpp-5'-phosphohydrolase see guanosine 5'-triphosphate-3'-diphosphate 5'- phosphohydrolase

PPP-LHRH see LHRH, Phe(2)-Pro(3)-Phe(6)-

ppp(A2'p)nA-binding protein see ppp(A2'p)nA-dependent endoribonuclease

ppp(A2'p)nA-dependent endoribonuclease
(RN) EC 3.1.26.-
(SY) ppp(A2'p)nA-binding protein
(HM) *RIBONUCLEASES
(HM) *ENDORIBONUCLEASES

ppp(A2'p)(3)A3'pCp see triadenylyl-(2'-3')-adenylyl-cytidylic acid

pp64-pp66 c-myc protein see proto-oncogene c-myc proteins

PPP receptor see pancreatic polypeptide receptor

PPPTM see Met(5)-pentatryptophyllin-5-amide

3-PPP see n-N-propyl-3-(3-hydroxyphenyl)piperidine

pp32 retrovirus protein see avian retrovirus proteins

PP-ribose-P aminotransferase see phosphoribosyl pyrophosphate aminotransferase

PP-ribose-P aminotransferase see phosphoribosyl pyrophosphate aminotransferase

PP-ribose-P see phosphoribosylpyrophosphate

P2 protein of PNS myelin see myelin P2 proteins

P2 protein, rabbit sciatic nerve myelin see myelin P2 proteins

p53 protein see phosphoprotein pp53

P9A protein see cecropin A

P9B protein see cecropin B

pp60(src) see phosphoprotein pp60(src)

pp60(c-src) see phosphoprotein pp60(c-src)

pp60(v-src) see phosphoprotein pp60(src)

PPTP see N-propyl-4-phenyl-1,2,3,6-tetrahydropyridine

PPT-SP see substance P, Trp(9)-

2,7,9-PPT-SP see substance P, Pro(2)-Phe(7)-Trp(9)-

P1-purinoceptor see purine receptor

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pp60(yes) see phosphoprotein pp90 (yes)

pp90 (yes) see phosphoprotein pp90 (yes)

PPZA see zona pellucida glycoproteins

PP10 see placental protein 10

pp105 see phosphoprotein pp105

PP12 see placental protein 12

PP13 see placental protein 13

pp 135 see phosphoprotein pp 135

PP14 see placental protein 14

PP-1466 see ryodipine

PP15 see placental protein 15

PP17 see placental protein 17

PP4 see placental protein 4

PP5 see placental protein 5

pp5'A2'p5'A2'p5'A see 2',5'-oligoadenyl-5'-diphosphate

PP 511 see pirimiphos methyl

pp53 see phosphoprotein pp53

PP 557 see permethrin

9,10-PQM see 9,10-phenanthrenequinone monoxime

PQQH see
2,7,9-tricarboxy-1H-pyrrolo(2,3-f)quinoline-4-ol-5-one

PQQH2 see
2,7,9-tricarboxy-1H-pyrrolo(2,3-f)quinoline-4,5-diol

11-PQ see 11H-pyrido(2,1-b)quinazolin-11-one

Pragman see tolpropamine

PRA isomerase see N-(5'-phosphoribosyl)anthranilate isomerase

pralidoxime
(RN) 6735-59-7
(RR) 80828-90-6 (fumarate[1:1])
(RR) 80828-89-3 (sulfate[1:1])
(RR) 79236-90-1 (nitrate[1:1])
(RR) 57619-30-4 (14C-labeled cpd)
(RR) 21239-05-4 (lactate[1:1])
(RR) 3687-33-0 (trichloroacetate)
(RR) 94-63-3 (iodide)
(RR) 51-15-0 (chloride)
(RR) 1200-55-1 (methyl sulfate)
(RR) 154-97-2 (mesylate)
(SY) 2-PAM
(SY) 1-methylpyridinium-2-aldoxime ion
(SY) 2-PAM chloride
(SY) 2-Pam iodide
(SY) 2-Pam bromide
(SY) pralidoxime chloride
(SY) pralidoxime iodide
(SY) pralidoxime bromide
(SY) pralidoxime mesylate
(SY) 2-hydroxyiminomethylpyridinium methylmethanesulfonate
(SY) contrathion
(SY) N-methylpyridinium 2-aldoxime methylsulfate
(HM) *PRALIDOXIME COMPOUNDS
(PA) CHOLINESTERASE REACTIVATORS
(PA) ANTIDOTES
(NO) RN given refers to parent cpd; chloride was minor descriptor (75-80); on-line & Index Medicus search PRALIDOXIME COMPOUNDS (66-80)

pralidoxime bromide see pralidoxime

pralidoxime chloride see pralidoxime

pralidoxime iodide see pralidoxime

pralidoxime mesylate see pralidoxime

PRALPTHDL see prolyl endopeptidase (thiol-dependent)

pramiracetam
(RN) 68497-62-1
(RR) 75733-50-5 (HCl)
(SY) N-(2-(bis(1-methylethyl)amino)ethyl)-2-oxo-1-pyrrolidineacetamide
(HM) *PYRROLIDINES
(NO) cognition activator; RN given from USAN refers to parent cpd; RN not in Chemline 7/15/83

pramiverine
(RN) 14334-40-8
(RR) 14334-41-9 (HCl)
(SY) N-isopropyl-4,4-diphenyl cyclohexylamine
(SY) EMD 9806
(SY) HSP 2986
(SY) HSp 2986
(SY) propaminodiphen
(SY) sistalgin
(HM) *CYCLOHEXYLAMINES
(PA) PARASYMPATHOLYTICS
(NO) long acting cholinolytic proposed for gastrointestinal spasms; minor descriptor (78-84); on-line & Index Medicus search CYCLOHEXYLAMINES (78-84); RN given refers to parent cpd

pramocaine
(RN) 140-65-8
(RR) 637-58-1 (HCl)
(SY) pramoxine
(SY) 4-(3-(p-butoxyphenoxy)propyl)morpholine
(SY) tronothane
(SY) 4-(3-(4-butoxyphenoxy)propyl)morpholine
(HM) *MORPHOLINES
(PA) ANESTHETICS, LOCAL
(NO) RN given refers to parent cpd; structure

pramoxine see pramocaine

pranferol
(RN) 14685-06-4
(HM) *BENZOPYRANS
(NO) isolated from Maquira calophylla; RN given refers to (-)-isomer; RN for cpd without isomeric designation not in Chemline 10/84

pranolium
(RN) 50643-33-9
(RR) 38726-81-7 (iodide)
(RR) 54336-01-5 (iodide(+-)-isomer)
(RR) 42879-47-0 (chloride)
(SY) SC 27761
(SY) UM 272
(SY) N,N-dimethyl-1-isopropylamino-3-(1-naphthyloxy) propan-2-ol
(SY) N,N-dimethylpropranolol
(SY) UM-272
(SY) dimethylpropranolol
(HM) PROPRANOLOL/*analogs
(PA) ANTI-ARRHYTHMIA AGENTS
(NO) deriv of propranolol; RN given refers to parent cpd; synonym UM 272 refers to iodide; synonym SC 27761 refers to chloride; structure

pranoprofen see pyranoprofen

praxinor see Akrinor

prazinil see carpipramine

PR-G-138-Cl see ciclosidomine

PR-G 138-Cl see ciclosidomine

PRC 2362
(RN) 82571-52-6
(SY) PRC-2362
(HM) *THIOPHENES
(II) PLATELET AGGREGATION/drug eff
(NO) thienopyridine cpd; structure given in first source

PRC-2362 see PRC 2362

PRD-92 Ea see PR-D-92

PR-D-92
(RN) 52156-73-7
(SY) PR-D 92EA
(SY) 5,5-dimethyl-11-oxo-5H,11H-(2)-benzopyrano(4,3-g)(1)benzopyran-9-carboxylic acid ethanolamine salt
(SY) PRD-92 Ea
(SY) PR-D-92-EA
(HM) *BENZOPYRANS
(PA) HISTAMINE H1 RECEPTOR BLOCKADERS
(NO) anti-anaphylactic drug

preadrenodoxin
(HM) *ADRENODOXIN
(HM) *PROTEIN PRECURSORS
(NO) MW 22,000d, appx 10,000d larger than mature adrenodoxin

PR-D-92-EA see PR-D-92

PR-D 92EA see PR-D-92

prealbumin, embryonic see embryonic prealbumin

pre-alpha-lactalbumin
(HM) *LACTALBUMIN
(HM) *PROTEIN PRECURSORS

pre-amyloid P component
(SY) pre-serum amyloid P
(SY) pre-SAP
(HM) *AMYLOID
(HM) *PROTEIN PRECURSORS

pre apo C-I see apolipoprotein C-I precursor

pre-beta-lactamase
(RN) EC 3.5.2.-
(HM) *BETA-LACTAMASES
(HM) *ENZYME PRECURSORS

prechymotrypsinogen 2
(SY) prochymotrypsinogen 2
(HM) *CHYMOTRYPSINOGEN
(HM) *ENZYME PRECURSORS
(NO) precursor of chymotrypsinogen

precocene I-3,4-dihydrodiol see
3,4-dihydro-7-methoxy-2,2-dimethyl-2H-1-benzopyran-3,4-diol

precocene I
(RN) 17598-02-6
(HM) *BENZOPYRANS
(PA) JUVENILE HORMONES/antag
(NO) cpd not in Chemline 7/20/83; structure

precocene II
(RN) 644-06-4
(HM) *BENZOPYRANS
(PA) JUVENILE HORMONES/antag
(PA) INSECTICIDES, BOTANICAL
(NO) from plants of genus Ageratum; inhibits natural juvenile hormone; structure

precursor RNA
(HM) *RNA
(HM) *NUCLEIC ACID PRECURSORS

predioxin
(RN) 53555-01-4
(SY) Cl(5)-predioxin
(SY) 4,5,6-trichloro-2-(2,4-dichlorophenoxy)phenol
(HM) *PHENYL ETHERS
(PA) MUTAGENS
(NO) structure

prednazoline
(RN) 6693-90-9
(HM) *PREGNADIENETRIOLS
(HM) *IMIDAZOLES
(PA) VASOCONSTRICTOR AGENTS, NASAL
(NO) combination of 11beta,17,21-trihydroxypregna-1,4-diene-3,20-dione 21-(di-H phosphate) and 2-((2-isopropylphenoxy)methyl)-2-imidazoline; RN from USAN; RN not in Chemline 11/84; structure in USAN

prednisolone acetate
(RN) 52-21-1
(RR) 37384-24-0 (cpd with unspecified locant for monoacetate group)
(SY) scherisolone-kristall suspension
(HM) PREDNISOLONE/*analogs
(NO) RN given refers to cpd with locant for acetate group in position 21 & (11 beta)-isomer; RN for cpd without isomeric designation not in Chemline 7/20/83

prednisolone 21 beta-D-glucoside see prednisolone 21-glucoside

prednisolone butylacetate see prednisolone tebutate

prednisolone-17-ethylcarbonate-21-propionate see Hoe 777

prednisolone 21-glucoside
(RN) 88158-44-5
(SY) prednisolone 21 beta-D-glucoside
(HM) PREDNISOLONE/*analogs
(PA) ANTI-INFLAMMATORY AGENTS
(NO) prodrug of prednisolone used in treating inflammatory bowel disease; RN & structure given in first source; RN not in Chemline 4/84; RN given refers to (beta-D)-isomer

prednisolone hemisuccinate
(RN) 2920-86-7
(RR) 1715-33-9 (Na salt(11beta)-isomer)
(SY) prednisolone 21-succinate sodium
(SY) Solu-Decortin-H
(SY) prednisolone sodium succinate
(SY) Solu-Delta-Cortef
(HM) PREDNISOLONE/*analogs
(NO) RN given refers to (11 beta)-isomer; RN for cpd without isomeric designation not in Chemline 7/20/83

prednisolone metasulfobenzoate see prednisolone 21-3-sulfobenzoate

prednisolone phosphate
(RN) 302-25-0
(RR) 2681-16-5 (mono-Na salt(11beta)-isomer)
(RR) 13926-42-6 (unspecified Na salt(11beta)-isomer)
(SY) prednisolone 21-phosphate sodium
(SY) prednisolone phosphate sodium
(SY) predsol
(HM) PREDNISOLONE/*analogs
(NO) RN given refers to (11 beta)-isomer; RN for cpd without isomeric designation not in Chemline 7/20/83

prednisolone phosphate sodium see prednisolone phosphate

prednisolone 21-phosphate sodium see prednisolone phosphate

prednisolone receptor
(SY) prednisolone receptors
(SY) receptor, prednisolone
(HM) *RECEPTORS, GLUCOCORTICOID
(II) PREDNISOLONE

prednisolone receptors see prednisolone receptor

prednisolone sodium succinate see prednisolone hemisuccinate

prednisolone 21-succinate sodium see prednisolone hemisuccinate

prednisolone 21-m-sulfobenzoate see prednisolone 21-3-sulfobenzoate

prednisolone 21-3-sulfobenzoate
(RN) 3694-41-5
(RR) 630-67-1 (mono-Na salt)
(SY) prednisolone metasulfobenzoate
(SY) prednisolone 21-m-sulfobenzoate
(HM) PREDNISOLONE/*analogs
(NO) RN given refers to parent cpd; structure

prednisolone tebutate
(RN) 7681-14-3
(SY) codelcortone-TBA
(SY) 11 beta,17 alpha,21-trihydroxypregna-1,4-diene-3,20-dione 21-tert-butyl acetate
(SY) prednisolone tertiary butyl acetate
(SY) prednisolone butylacetate
(HM) PREDNISOLONE/*analogs
(NO) structure in Negwer, 5th ed, #5613

prednisolone tertiary butyl acetate see prednisolone tebutate

prednisolone 17-valerate-21-acetate see acepreval

prednisone sodium succinate
(HM) PREDNISONE/*analogs

predsol see prednisolone phosphate

P2C reductase see 1,2-didehydropipecolate reductase

Prefolic A see 5-methyltetrahydrofolate

pregastric esterase
(RN) EC 3.1.1.-
(SY) oral lipase
(HM) *LIPASE

pregna-1,4-diene-11-ol-3,20-dione
(RN) 4224-37-7
(SY) delta-HOP
(HM) *HYDROXYPROGESTERONES
(NO) RN given refers to 11beta-isomer in Chemline; RN for unspecified isomer not in Chemline 7/11/83

pregnan-3 beta-ol-20-one
(RN) 128-21-2
(HM) *PREGNANOLONE
(II) ISOMERISM
(NO) 3 beta-isomer of pregnanolone; induces erythropoiesis; natural metabolite of progesterone; see also 3 alpha-hydroxy-5 alpha-pergnan-20-one

pregnancy-associated growth factor
(SY) PAGF
(HM) *PREGNANCY PROTEINS
(II) MITOGENS
(NO) from crude human chorionic gonadotropin obtained from pregnancy urine; MW 18,000-22,000; stimulates cultured peripheral blood lymphocytes

pregnancy-associated leporine proteins
(SY) PALP
(SY) PALP-1
(SY) PALP-2
(HM) *PREGNANCY PROTEINS
(NO) MW for PALP-2 is 45,000; species specific to rabbit

pregnancy-associated murine protein 1
(SY) PAMP-1
(HM) *PREGNANCY PROTEINS
(NO) glycoprotein with MW 140,000 & isoelectric point of 4.2; significantly increased during pregnancy but declines in concentration after mid-pregnancy

pregnancy-specific protein D1
(SY) decidua-specific protein D1
(SY) PSP-D1
(HM) *PREGNANCY PROTEINS
(II) DECIDUA
(NO) from decidual tissue of pregnant women; MW 50,000-55,000; pH 5.6-6.0

pregnancy-specific protein D2
(SY) decidua-specific protein D2
(SY) PSP-D2
(HM) *PREGNANCY PROTEINS
(II) DECIDUA
(NO) from decidual tissue of pregnant women; MW 150,000-160,000; pH 5.6-6.0

pregnanediol-3 alpha-glucuronide
(RN) 1852-49-9
(RR) 21613-40-1 ((3alpha,5alpha,20S)-isomer)
(RR) 38055-17-3 (cpd with unspecified locants for hydroxypregnan & yl groups)
(SY) 20 alpha-hydroxy-5 beta-pregnan-3 alpha-yl-beta- D-glucopyranosiduronic acid
(SY) 5 beta-pregnane-3 alpha, 20 alpha-diol-3 alpha-glucuronide
(HM) PREGNANEDIOL/*analogs
(NO) RN given refers to 20-hydroxypregnan-3-yl cpd & (3 alpha,5 beta,20S)-isomer; RN for cpd without isomeric designation not in Chemline 7/20/83

pregnanetriolone
(RN) 603-99-6
(SY) 3 alpha,17 alpha,20 alpha-trihydroxy-5 beta-pregnan-11-one
(SY) 11-keto-pregnanetriol
(HM) PREGNANETRIOL/*analogs
(NO) structure

5-pregnanetriol see delta 5-pregnenetriol

pregnavite forte
(HM) *VITAMINS
(HM) *MINERALS
(HM) DRUG COMBINATIONS
(NO) multivitamin prep containing vitamins A,C,D, thiamine, riboflavin, pyridixine, nicotinamide, iron & calcium

5-pregnen-3 beta-ol
(RN) 2862-58-0
(SY) 23,24-dinor-5-cholen-3-ol
(HM) PREGNENOLONE/*analogs
(NO) C-20 deoxy-analog

4-pregnene-17 alpha,20 alpha-diol-3-one see 17 alpha,20 alpha-dihydroxyprogesterone

4-pregnene-3 alpha,20 alpha-diol
(RN) 15780-16-2
(RR) 1808-62-4 ((3beta,20S)-isomer)
(RR) 7217-07-4 ((3beta,20R)-isomer)
(RR) 28507-76-8 ((20alpha)-isomer)
(SY) 4-pregnene-3,20-diol
(HM) *PREGNENES
(NO) progesterone metabolite; RN given refers to (3 alpha,20S)-isomer; RN for cpd without isomeric designation not in Chemline 7/20/83

5-pregnene-3beta,20alpha-diol see 5-pregnene-3,20-diol

4-pregnene-11beta, 17alpha, 21-triol-3,20-dione-21-methanesulfonate see cortisol 21-mesylate

pregn-4-ene-11 beta-ol-3,20-dione see 11-hydroxyprogesterone

4-pregnene-3,20-diol see 4-pregnene-3 alpha,20 alpha-diol

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5-pregnene-3,20-diol
(RN) 901-56-4
(RR) 10148-89-7 ((3alpha,20alpha)-isomer)
(RR) 59042-34-1 ((3beta)-isomer)
(RR) 901-57-5 ((3beta,20beta)-isomer)
(SY) 20 alpha-dihydropregnenolone
(SY) 5-pregnene-3beta,20alpha-diol
(SY) 20 beta-dihydropregnenolone
(HM) PREGNENOLONE/*analogs
(NO) RN given refers to (3 beta,20 alpha)-isomer; RN for cpd without isomeric designation not in Chemline 7/20/83

pregn-5-ene-3,20-dione
(RN) 1236-09-5
(HM) *PROGESTERONE
(II) ISOMERISM

4-pregnene-3,11,20-trione see 11-ketoprogesterone

pregnenolone-17-alpha-hydroxylase
(RN) EC 1.14.99.-
(SY) pregnenolone monooxygenase
(HM) *STEROID-17-HYDROXYLASE

pregnenolone iopanoate
(HM) PREGNENOLONE/*analogs
(HM) IOPANOIC ACID/*analogs
(II) CONTRAST MEDIA
(NO) structure given in first source

pregnenolone monooxygenase see pregnenolone-17-alpha-hydroxylase

pregnenolone oleate
(RN) 72205-39-1
(HM) PREGNENOLONE/*analogs

pregnenolone receptor
(SY) receptor, pregnenolone
(SY) pregnenolone receptors
(HM) *RECEPTORS, GLUCOCORTICOID
(II) PREGNENOLONE

pregnenolone receptors see pregnenolone receptor

pregnenolone side-chain cleavage enzyme see androsta-5,16-dien-3 beta-ol synthetase

pregnenolone sulfate
(RN) 1247-64-9
(RR) 1852-38-6 (Na salt(3beta)-isomer)
(HM) *PREGNENOLONE
(NO) RN given refers to (3 beta)-isomer; RN for cpd without isomeric designation not in Chemline 7/20/83

pregnenolone sulfotransferase
(RN) EC 2.8.2.-
(HM) *SULFURTRANSFERASES

pregnolic acid see 20-hydroxy-3-oxo-4-pregnen-21-carboxylic acid

preHbA1 see pre-hemoglobin A, glycosylated

pre-HbA1c see pre-hemoglobin A, glycosylated

pre-hemoglobin A, glycosylated
(SY) pre-HbA1c
(SY) preHbA1
(HM) *HEMOGLOBIN A, GLYCOSYLATED
(HM) *PROTEIN PRECURSORS
(NO) in children with insulin dependent diabetes mellitus

pre-HPP see human pancreatic polypeptide precursor

prekallikrein activator
(RN) 37203-62-6
(SY) Hageman-Factor fragments
(SY) Factor XIIa
(SY) Blood-coagulation factor XII, activated
(SY) beta-factor XIIa
(HM) *FACTOR XII
(HM) *PEPTIDE FRAGMENTS
(II) PEPTIDE HYDROLASES
(NO) believed to act enzymatically on prekallikrein to generate bradykinin which in turn produces hypotension; lung prekallikrein activator is 175,000 MW protease

prekeratin
(HM) *KERATIN
(HM) *PROTEIN PRECURSORS
(II) INTERMEDIATE FILAMENT PROTEINS

prekininogens
(SY) high molecular weight prekininogen
(SY) low molecular weight prekininogen
(HM) *KININOGENS
(HM) *PROTEIN PRECURSORS
(NO) amino acid sequence of both high & low molecular weight prekininogens given in first source

prelumirhodopsin see bathorhodopsin

premazepam
(RN) 57435-86-6
(SY) 3,7-Dihydro-5-phenyl-6,7-dimethylpyrrole(3,4-e)(1,4)diazepin-2-(1H)-one
(HM) *AZEPINES
(PA) TRANQUILIZING AGENTS, MINOR
(NO) less extensively metabolized in the rat than in the dog; structure given in first source

pre-messenger RNA
(HM) *RNA, MESSENGER
(HM) *NUCLEIC ACID PRECURSORS

prenalterol
(RN) 57526-81-5
(RR) 58165-85-8 ((+)-isomer)
(RR) 58165-86-9 (former CAS registry number)
(RR) 62340-37-8 ((+-)-isomer)
(RR) 16656-05-6 (cpd with unspecified stereochemistry)
(RR) 67248-06-0 (HCl(-)-isomer)
(RR) 2829-84-7 (cpd with unspecified stereochemistry HCl)
(SY) KWD 2033
(SY) C 50,005-A-Ba
(SY) H 133-22
(SY) H 80-62
(SY) 1-(4-hydroxyphenoxy)-3-isopropylaminopropanol
(SY) 1-isopropylamino-3-(p-hydroxyphenoxy)-2-propanol
(SY) 4-(2-hydroxy-3-((1-methylethyl)amino)propoxy) phenol
(SY) hyprenan
(SY) 1-isopropylamino-3-(4-hydroxyphenoxy)-2-propanol
(HM) PRACTOLOL/*analogs
(PA) ADRENERGIC BETA RECEPTOR AGONISTS
(PA) CARDIOTONIC AGENTS
(NO) RN given refers to (S)-isomer, synonym H 80/62 refers to (+-)-isomer; synonym H 133/22 refers to HCl (-)-isomer; structure

prenoxdiazine see libexin

prenoxidiazine see libexin

pre-osteonectin
(HM) *CARRIER PROTEINS
(HM) *PROTEIN PRECURSORS

pre-pancreatic polypeptide see human pancreatic polypeptide precursor

Preparation H
(HM) *YEASTS
(HM) *OILS
(HM) *PHENYLMERCURY COMPOUNDS
(HM) DRUG COMBINATIONS
(II) HEMORRHOIDS/drug ther
(NO) contains live yeast cell derivative, shark liver oil & phenylmercury nitrate

Preparation HX see amidine penicillin HX

Preparation K
(RN) 11113-82-9
(HM) PLANT EXTRACTS
(PA) ANTIBIOTICS, ANTIFUNGAL
(PA) ANTIBIOTICS, ANTITUBERCULAR

prepenicillinase
(RN) EC 3.5.2.-
(HM) *PENICILLINASE
(HM) *ENZYME PRECURSORS
(NO) precursor of penicillinase (EC 3.5.2.6)

prephenate aminotransferase
(RN) EC 2.6.1.-
(HM) *AMINOTRANSFERASES
(NO) from tobacco; forms L-arogenate (intermediate precursor of tyrosine and phenylalanine); L-aspartate and L-glutamate are only amino-donors

prephenic acid
(RN) 126-49-8
(SY) 1-carboxy-4-hydroxy-2,5-cyclohexadiene-1-pyruvic acid
(HM) *CYCLOHEXANECARBOXYLIC ACIDS
(NO) nonaromatic biosynthetic intermediate, probable immediate precursor of aromatic systems such as phenylalanine, tyrosine, tannins, flavanoids; isolated from cultures of mutant E coli; structure

prephenoloxidase-activating enzyme
(RN) EC 3.4.99.-
(HM) *PEPTIDE HYDROLASES
(HM) *ENZYME PRECURSORS
(II) ENZYME ACTIVATION
(NO) activates inactive phenol oxidase (EC 1.10.3.1); occurs in larval cuticle of silkworms, other insects, & lobster shells; also has esterase activities

Prepodyne
(RN) 26617-87-8
(SY) poloxamer-iodone
(HM) *POLOXALENE
(HM) *IODINE
(HM) DRUG COMBINATIONS
(II) SURFACE-ACTIVE AGENTS
(NO) contains above two compounds

P22 repressor protein
(SY) repressor protein P22
(HM) *REPRESSOR PROTEINS
(NO) cleaved by recA protein

preproalbumin
(HM) *PREALBUMIN
(HM) PROTEIN PRECURSORS
(NO) compared to prealbumin, it contains 18 additional amino acids at the NH2 terminal

preproapo A-II see preproapolipoprotein A-II

preproapolipoprotein A-I
(HM) *APOLIPOPROTEINS A
(HM) *PROTEIN PRECURSORS

preproapolipoprotein A-II
(SY) preproapo A-II
(HM) *APOLIPOPROTEINS A
(HM) *PROTEIN PRECURSORS

prepro-arginine-vasopressin-neurophysin II see neurophysin precursors

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prepro-AVP-NPII see neurophysin precursors

prepro-beta-NGF see nerve growth factor, beta subunit precursor

preprocalcitonin
(RN) 80296-97-5
(HM) *CALCITONIN
(HM) *PROTEIN PRECURSORS
(NO) calcitonin with 20 amino acid extension beyond carboxyl terminal proline

preprocalcitonin carboxyl-terminal region peptide
(SY) hCCAP
(SY) human CCAP
(SY) CCAP
(HM) *PEPTIDES
(II) *NEOPLASM PROTEINS
(NO) 21 amino acid noncalcitonin peptide corresponding to carboxyl-terminal region of preprocalcitonin secreted by medullary thyroid carcinomas; structure given in first source

prepro-cardiodilatin-atrial natriuretic factor see atrial natriuretic factor precursors

prepro-CDD-ANF see atrial natriuretic factor precursors

preprocholecystokinin
(RN) 89624-02-2
(HM) *CHOLECYSTOKININ
(HM) *PROTEIN PRECURSORS
(NO) from porcine cerebral cortex & duodenal mucosa; 114 amino acids

preprochymosin see preprorennin

prepro-CRF see pro-corticotropin releasing hormone

prepro-EGF see epidermal growth factor precursor

preproelastase I see preproelastases

preproelastase II see preproelastases

preproelastases
(RN) EC 3.4.21.-
(SY) preproelastase I
(SY) preproelastase II
(HM) *PANCREATOPEPTIDASE
(HM) *ENZYME PRECURSORS

preproenkephalin
(SY) pre-proenkephalin
(SY) prodynorphin
(SY) leumorphin
(SY) preproenkephalin B
(SY) preproenkephalin A
(HM) *ENKEPHALINS
(HM) *PROTEIN PRECURSORS
(NO) initial enkephalin precursor

pre-proenkephalin see preproenkephalin

preproenkephalin A see preproenkephalin

preproenkephalin B see preproenkephalin

preprogastrin
(RN) 81690-22-4
(SY) pre-progastrin
(HM) *GASTRIN
(HM) *PROTEIN PRECURSORS
(NO) contains primary amino acid sequence of big gastrin extended at both the N- and C-terminus

pre-progastrin see preprogastrin

preproglucagon see preproglucagons

preproglucagons
(SY) pre-proglucagons
(SY) preproglucagon
(HM) *GLUCAGON
(HM) *PROTEIN PRECURSORS
(NO) separate mRNAs encode the two pre-proglucagons which have been identified in the cell-free translation products

pre-proglucagons see preproglucagons

prepro-IGF II see preproinsulin-like growth factor II

preproinsulin
(RN) 61116-24-3
(HM) *PROTEIN PRECURSORS
(HM) *PROINSULIN

preproinsulin-like growth factor II
(SY) prepro-IGF II
(HM) *INSULIN-LIKE GROWTH FACTOR II
(HM) *PROTEIN PRECURSORS
(II) GROWTH SUBSTANCES
(NO) 180-amino acid protein; from human liver

preprolactin
(RN) 65637-74-3
(HM) *PROLACTIN
(HM) *PROTEIN PRECURSORS

prepromelittin
(RN) 66369-20-8
(HM) *MELITTEN
(HM) *PROTEIN PRECURSORS

preproneuropeptide Y
(SY) prepro NPY
(HM) *NERVE TISSUE PROTEINS
(HM) *PROTEIN PRECURSORS
(NO) neuropeptide tyrosine precursor

prepro-neuropeptide Y
(HM) *NERVE TISSUE PROTEINS
(HM) *PROTEIN PRECURSORS
(NO) MW 12 kDa

prepro-NGF, beta see nerve growth factor, beta subunit precursor

prepro NPY see preproneuropeptide Y

pre-pro-opiocortin
(RN) 76775-14-9
(HM) *PROTEIN PRECURSORS
(HM) *PRO-OPIOMELANOCORTIN
(NO) unglycosylated pre-proform of the ACTH/beta-lipotropin precursor of the AtT-20/D-16v tumor cell line; can be processed & core-glycosylated to the pro-protein by co-translationally added microsomal membranes

preproparathormone
(RN) 67418-29-5
(SY) pre-proparathyroid hormone
(HM) *PARATHYROID HORMONES
(HM) *PROTEIN PRECURSORS
(NO) has an additional 25 peptide extension on the amino terminal end of proparathormone

pre-proparathyroid hormone see preproparathormone

preprorelaxin
(RN) 79103-98-3
(HM) *RELAXIN
(HM) *PROTEIN PRECURSORS

preprorenin
(RN) EC 3.4.23.-
(SY) pre-prorenin
(HM) *RENIN
(HM) *ENZYME PRECURSORS
(NO) presursor of prorenin, which is precursor of renin; EC 3.4.23.15

pre-prorenin see preprorenin

pre-prorennin see preprorennin

preprorennin
(RN) EC 3.4.23.-
(SY) preprochymosin
(SY) pre-prorennin
(HM) *RENNIN
(HM) *ENZYME PRECURSORS
(NO) precursor of prorennin, which is precursor of rennin (chymosin); EC 3.4.23.4

preproricin
(SY) prepro-ricin
(HM) *RICIN
(HM) *PROTEIN PRECURSORS
(NO) primary structure of mRNA encoding the ricin precursor given in first source

prepro-ricin see preproricin

prepro-secapin see preprosecapin

preprosecapin
(SY) pre-prosecapin
(SY) prepro-secapin
(HM) *BEE VENOMS
(HM) *PROTEIN PRECURSORS
(NO) amino acid sequence given in first source

pre-prosecapin see preprosecapin

pre-prosomatostatin see preprosomatostatins

preprosomatostatins
(RN) 75037-28-4
(SY) pre-prosomatostatin
(SY) preprosomatostatin 22
(HM) *SOMATOSTATIN
(HM) *PROTEIN PRECURSORS

preprosomatostatin 22 see preprosomatostatins

preprotachykinin
(SY) alpha-preprotachykinin
(SY) beta-preprotachykinin
(HM) *NERVE TISSUE PROTEINS
(HM) *PROTEIN PRECURSORS
(NO) beta-preprotachykinin contains both substance P & substance K sequence; alpha-preprotachykinin contains substance P sequence only

preprotachykinins
(HM) *PEPTIDES
(NO) substance P & kassinin precursors

pre-ribosomal RNA see ribosomal RNA precursors

pre-ribosomal RNA endoribonuclease
(RN) EC 3.1.26.-
(SY) pre-rRNA endoribonuclease
(HM) *ENDORIBONUCLEASES
(NO) substrate is pre-rRNA

pre-rRNA see ribosomal RNA precursors

pre-rRNA endoribonuclease see pre-ribosomal RNA endoribonuclease

pre-SAP see pre-amyloid P component

pre-serum amyloid P see pre-amyloid P component

presocyl
(RN) 78456-99-2
(HM) *CHLOROQUINE
(HM) *PREDNISOLONE
(HM) *ASPIRIN
(HM) DRUG COMBINATIONS
(NO) contains above three compounds

pressamins see dimethophrine

Prestige
(RN) 57572-34-6
(SY) Prestige (dental material)
(HM) *METHYLMETHACRYLATES
(II) COMPOSITE RESINS
(NO) used as orthodontic bonding material; contains bis-GMA, triethylene glycoldimethacrylate & glass filler

Prestige (dental material) see Prestige

prestim
(RN) 74335-22-1
(HM) *TIMOLOL
(HM) *BENDROFLUMETHIAZIDE
(HM) DRUG COMBINATIONS
(PA) ANTIHYPERTENSIVE AGENTS
(NO) antihypertensive agent consisting of above cpds

pretazettine
(RN) 17322-84-8
(RR) 17322-85-9 (HCl(6abeta,8beta)-isomer)
(SY) 3,4,4a,5,6,6a-hexahydro-3-methoxy-5-methyl-8H-(1,3)dioxolo(6,7)(2)benzopyrano(3,4-c)indol-8- ol (stereoisomer)
(HM) *ALKALOIDS
(PA) ANTINEOPLASTIC AGENTS
(NO) potent inhibitor of viral reverse transcriptase; narcissus alkaloid; prolongs life of leukemic mice; RN given refers to (6a beta,8 beta)-isomer; RN for cpd without isomeric designation not in Chemline 7/22/83; structure

prethcamide
(RN) 8015-51-8
(SY) miconen
(SY) G 5668
(SY) G-5668
(SY) glycoren
(SY) micoren
(SY) respirot
(HM) *AMINOBUTYRIC ACIDS
(NO) mixture of cropropamide & crotethamide used as respiratory stimulant & analgesic; major descriptor (66-85); on-line search AMINOBUTYRIC ACIDS (66-85); Index Medicus search PRETHCAMIDE (66-85)

prethrombins
(RN) 9070-19-3
(RR) 9070-19-3 (prethrombin (unspecified))
(SY) prethrombin 2
(SY) prethrombin 1
(HM) *ENZYME PRECURSORS
(HM) *PROTHROMBIN
(NO) removal of profragment 1 from prothrombin leaves prethrombin 1, subsequent removal of profragment 2 leaves prethrombin 2; cleavage of an Arg-Ile bond in prethrombin 2 yields thrombin; RN given refers to cpd with unknown MF

prethrombin 1 see prethrombins

prethrombin 2 see prethrombins

pRet-P see perhydromonoeneretinyl phosphate

pretransferrin
(HM) *TRANSFERRIN
(HM) *PROTEIN PRECURSORS

pre-tRNA see transfer RNA precursors

pre-tRNA(Met)
(SY) pre-tRNA(i)(Met)
(HM) *NUCLEIC ACID PRECURSORS
(HM) *AMINO ACYL T RNA

pre-tRNA(i)(Met) see pre-tRNA(Met)

pre-tRNA(Phe)
(SY) pretRNA(Phe)
(HM) *NUCLEIC ACID PRECURSORS
(HM) *AMINO ACYL T RNA

pretRNA(Phe) see pre-tRNA(Phe)

3'-pre-tRNase
(RN) EC 3.1.27.-
(HM) *ENDORIBONUCLEASES
(NO) processes the 3'-terminus of human pre-tRNA(Met)(i)

pretyrosine
(RN) 53078-86-7
(SY) arogenate
(HM) TYROSINE/*analogs
(HM) *AMINO ACIDS, DICARBOXYLIC
(NO) RN & N1 from 9th CI; RN given refers to (1(S)-cis)-isomer; RN for cpd without isomeric designation not in Chemline 7/20/88; structure

pretyrosine dehydratase
(RN) EC 4.2.1.-
(SY) arogenate dehydratase
(HM) *HYDRO-LYASES
(NO) pretyrosine is converted to phenylalanine

Preventol D2
(RN) 2749-70-4
(SY) Preventol-D2
(HM) *BENZYL COMPOUNDS
(NO) releases formaldehyde; contains mixture of hydroxymethylene & polyhydroxymethylene monobenzyl ether

Preventol-D2 see Preventol D2

Previscan
(RN) 957-56-2
(HM) PHENINDIONE/*analogs
(PA) ANTICOAGULANTS
(NO) structure

previtamin D(3)
(RN) 1173-13-3
(RR) 17592-07-3 ((3beta,6E)-isomer)
(RR) 57651-22-6 ((3alpha,6Z)-isomer)
(SY) previtamin D3
(SY) tachysterol(3)
(HM) *CHOLECALCIFEROLS
(NO) RN given refers to (3 beta,6Z)-isomer; RN for cpd without isomeric designation not in Chemline 7/22/83; structure in first source

previtamin D3 see previtamin D(3)

PRF-I see proliferation regulatory factors, human urine

PRF-II see proliferation regulatory factors, human urine

PRF-III see proliferation regulatory factors, human urine

PRHEA see protamine heparin aggregate

PRH-836-EA see N-(4-(1,4-benzodioxan-6-yl)-2-thiazolyl)oxamic acid

PRH 836 EA see N-(4-(1,4-benzodioxan-6-yl)-2-thiazolyl)oxamic acid

pridefine
(RN) 23239-78-3
(SY) AHR 1118
(SY) 3-(diphenylmethylene)-1-ethylpyrrolidine
(HM) *PYRROLIDINES
(PA) ANTIDEPRESSIVE AGENTS

pridinol
(RN) 511-45-5
(RR) 968-58-1 (mono-HCl)
(RR) 6856-31-1 (monomesylate)
(SY) ridinol
(SY) 3-piperidinyl-1,1-diphenylpropan-1-ol
(SY) 3-piperidino-1,1-diphenylpropanol
(SY) pridinol mesylate
(SY) 3-(N-piperidinyl)-1,1-diphenyl-1-propanol methanesulfonate
(HM) *PIPERIDINES
(PA) PARASYMPATHOLYTICS
(PA) ANTIPARKINSON DRUGS
(NO) antispasmodic & muscle relaxant; RN given refers to parent cpd; structure in Merck Index, 9th ed, #7539

pridinol mesylate see pridinol

primalan see mequitazine

primamycin see hamycin

primase see DNA primase

primaxin
(HM) THIENAMYCINS
(HM) CYCLOPROPANES
(HM) DRUG COMBINATIONS
(PA) ANTIBIOTICS
(NO) combination of imipenem and cilastatin; used in treatment of pneumonia

PRIME
(HM) PROCARBAZINE
(HM) IFOSFAMIDE
(HM) METHOTREXATE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

primemycin see hamycin

primer transcript see RNA primers

primetin
(RN) 548-58-3
(SY) 5,8-dihydroxyflevone
(HM) *FLAVONES
(II) ALLERGENS
(NO) isolated from Primula mistassinica; structure given in first source

primidolol
(RN) 67227-55-8
(RR) 40778-40-3 (HCl)
(SY) UK-11,443
(HM) *PROPANOLAMINES
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS
(NO) antihypertensive agent with both alpha & beta adrenoceptor blocking activity; RN & N1 from 9th CI Form Index; RN given refers to parent cpd; structure in UD 31;139f

Primidos see Modicon

Primobolan depot see methenolone enanthate

primosomal DNA replication protein n, E coli see gene proteins, bacterial

Primovular see stediril

primulin see malvidin 3-galactoside

primuline
(RN) 8064-60-6
(SY) C.I. Direct Yellow 59
(HM) *THIAZOLES
(II) FLUORESCENT DYES
(NO) transported retrogradely through axons to the neuronal soma

primycin
(RN) 30003-49-7
(HM) LACTONES
(PA) ANTIBIOTICS
(NO) structure

prindamine
(RN) 21489-22-5
(RR) 10565-75-0 (HCl)
(SY) LU 3-049
(SY) N,3,3-trimethyl-1-phenyl-1-indanpropylamine
(SY) 3,3-dimethyl-1-(3-methylaminopropyl)-1-phenylindan
(HM) *INDANS
(PA) ANTIDEPRESSIVE AGENTS
(PA) ANTICHOLINERGIC AGENTS
(NO) inhibits gastric secretion & motility; RN given refers to parent cpd; structure

pripsen see piperazine

prisma see mesoglycan

prisma-fil
(HM) *COMPOSITE RESINS

pristane
(RN) 1921-70-6
(SY) tetramethylpentadecane
(HM) *TERPENES
(PA) CARCINOGENS
(NO) structure

pristinamycin
(RN) 11006-49-8
(RR) 63496-49-1 (pristinamycin I)
(RR) 63496-50-4 (pristinamycin II)
(RR) 28979-74-0 (pristinamycin IC)
(HM) PEPTIDES
(PA) ANTIBIOTICS
(NO) antibiotic produced by Streptomyces pristinae spiralis; contains a mixture of pristinamycin components IA & IIA; RN given refers to cpd with unknown MF; see also streptogramin B & virginiamycin M1

pristinamycin IA see virginiamycin

prizidilol
(RN) 73793-66-5
(RR) 73793-66-5 (di-HCl(+-)-isomer)
(RR) 72849-00-4 (monohydrate)
(RR) 72848-99-8 (monosulfate.monohydrate)
(SY) 3-(2-(3-t-butylamino-2-hydroxy-propoxy)phenyl)-6-hydrazinopyridazine
(SY) Di-3-(2-(3-t-butylamino-2-hydroxypropoxy)phenyl)-6-hydrazinopyridazine
(SY) SK&F 92657
(HM) *PYRIDAZINES
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS
(PA) VASODILATOR AGENTS
(NO) RN given refers to parent cpd; synonyms prizidilol & SK&F 92657 refer to di-HCl

2-PRNL see 2-parinarolyllecithin

proacrosin
(RN) ec 3.4.21.-
(HM) *ACROSIN
(HM) *ENZYME PRECURSORS
(NO) precursor of EC 3.4.21.10, acrosin

proalbumin hexapeptide extension
(HM) *PREALBUMIN
(HM) *PEPTIDE FRAGMENTS
(NO) hexapeptide at N-terminal end by which proalbumin differs from serum albumin

proalbumin pentapeptide extension
(HM) *PREALBUMIN
(HM) *PEPTIDE FRAGMENTS
(NO) pentapeptide extension at N-terminal end of serum albumin

proanthocyanidin
(RN) 18206-61-6
(RR) 41743-41-3 (proanthocyanidin A2)
(RR) 20315-25-7 (procyanidin B1)
(RR) 35356-33-3 (procyanidin C)
(RR) 35356-34-4 (procyanidin D)
(SY) polyhydroxyflavan-3-ol
(SY) proanthocyanidins
(HM) *ANTHOCYANINS
(NO) RN given refers to proanthocyanidin A

proanthocyanidins see proanthocyanidin

pro-apo A-I see pro-apolipoprotein A-I

proapolipoprotein AI see pro-apolipoprotein A-I

pro-apolipoprotein A-I
(SY) pro-apo A-I
(SY) proapolipoprotein AI
(HM) *APOLIPOPROTEINS A
(HM) *PROTEIN PRECURSORS
(II) LIPOPROTEINS, HDL
(NO) six amino acid amino terminal extension with sequence Arg-His-Phe-Trp-Gln-Gln found in Tangier disease

proapolipoprotein A-I Tangier see pro-apolipoprotein A-I Tangier

pro-apolipoprotein A-I Tangier
(SY) Tangier proapo A-I
(SY) pro-apo A-I Tangier
(SY) proapolipoprotein A-I Tangier
(HM) *APOLIPOPROTEINS A
(HM) *PROTEIN PRECURSORS
(II) TANGIER DISEASE
(NO) abnormal apolipoprotein precursor found in patients with Tangier disease

pro-apo A-I Tangier see pro-apolipoprotein A-I Tangier

Pro-Arg see prolylarginine

Pro-Arg-Thr-Lys-Pro-Arg see tuftsin, Pro-Arg-

Pro-Arg-tuftsin see tuftsin, Pro-Arg-

probasin see dorsal proteins

Probe see methazole

probicromil
(RN) 58805-38-2
(RR) 53805-57-5 (di-Na salt)
(RR) 71144-97-3 (Ca[1:1] salt)
(SY) ambicromil
(SY) FPL 58668
(SY) FPL-58668
(HM) *BENZOPYRANS
(PA) HISTAMINE H1 RECEPTOR BLOCKADERS
(NO) RN given refers to parent cpd

probiotics
(HM) *ANTI-INFECTIVE AGENTS
(NO) proposed term to designate compounds which build resistance to infection in host but do not inhibit growth of microorganism in vitro

procaine amide ethobromide
(RN) 17010-70-7
(RR) 4174-68-9 (mono-HBr)
(HM) PROCAINAMIDE/*analogs
(NO) RN given refers to parent cpd

procaine esterase
(RN) EC 3.1.1.-
(HM) *CARBOXYLIC ESTER HYDROLASES
(NO) aspect of EC 3.1.1.1, carboxylesterase

Procal
(RN) 79933-27-0
(HM) *CALCIUM HYDROXIDE
(II) DENTAL CAVITY LINING
(NO) main ingredient is calcium hydroxide

procalcitonin
(RN) 56645-65-9
(SY) calcitonin precursor polyprotein
(HM) *CALCITONIN
(HM) *PROTEIN PRECURSORS
(II) GLYCOPROTEINS
(NO) glycoprotein precursor of unglycosylated 32 amino acid hormone

procarboxypeptidase A
(RN) EC 3.4.17.-
(HM) *CARBOXYPEPTIDASES
(HM) *ENZYME PRECURSORS
(NO) precursor of EC 3.4.17.1

procarboxypeptidase B
(RN) EC 3.4.17.-
(HM) *CARBOXYPEPTIDASES
(HM) *ENZYME PRECURSORS
(NO) precursor of EC 3.4.17.2

procaterol
(RN) 60443-17-6
(RR) 59828-07-8 (HCl)
(RR) 62929-91-3 (HCl(R*,S*)-(+-)-isomer)
(RR) 62910-98-9 (HCl(R*,R*)-(+)-isomer)
(RR) 62910-97-8 (HCl(R*,R*)-(-)-isomer)
(RR) 62910-96-7 (HCl(R*,R*)-(+-)-isomer)
(RR) 62910-95-6 (HCl(R*,S*)-(+)-isomer)
(RR) 62910-94-5 (HCl(R*,S*)-(-)-isomer)
(SY) OPC 2009
(SY) 5-(1-hydroxy-2-(isopropylaminobutyl)-8-hydroxycarbostyril
(HM) *ETHANOLAMINES
(PA) ADRENERGIC BETA RECEPTOR AGONISTS
(PA) BRONCHODILATOR AGENTS
(NO) RN given refers to cpd without isomeric designation; synonym OPC 2009 refers to HCl; structure

procetofenic acid
(RN) 42017-89-0
(SY) LF 153
(SY) 2-methyl-((4'-p-chlorobenzoyl)-2-phenoxy) propionic acid
(SY) 2-methyl-((4'-4-chlorobenxoly)-2-phenoxy) propionic acid
(HM) *PROCETOFEN/analogs
(II) UNCOUPLING AGENTS
(NO) metabolite of lipantyl; structure

prochloraz
(RN) 67747-09-5
(SY) N-propyl-N-(2-(2,4,6-trichlorophenoxy)ethyl)-1H-imidazole
(HM) *IMIDAZOLES
(PA) FUNGICIDES, INDUSTRIAL

prochymosin see prorennin

prochymotrypsinogen 2 see prechymotrypsinogen 2

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procion black
(RN) 83453-56-9
(HM) *TRIAZINES
(II) DYES

Procion Blue H-B see Cibacron Blue F 3GA

procion blue MX-R
(RN) 13324-20-4
(RR) 4499-01-8 (di-Na salt)
(HM) *TRIAZINES
(II) DYES
(II) AFFINITY LABELS
(NO) used in affinity labeling of enzymes; RN given refers to parent cpd

Procion brilliant red H-8BN
(RN) 12226-27-6
(SY) C.I. Reactive Red 58
(HM) *TRIAZINES
(II) DYES

Procion Brilliant Red M-2BS
(RN) 17752-85-1
(SY) Reactive Red 1
(SY) Procion Red MX-2B
(HM) *TRIAZINES
(II) DYES

procion brilliant red H 3B
(RN) 23211-47-4
(SY) 5-((4-chloro-6-(phenylamino)-1,3,5-triazin-2-yl) amino)-4-hydroxy-3-((2-sulfophenyl)azo)-2,7-naphthalenedisulfonic acid trisodium salt
(HM) *TRIAZINES
(II) DYES

procion orange MX-2R
(RN) 73816-75-8
(RR) 70616-90- Na salt)
(HM) *TRIAZI
(II) DYES
(NO) RN given refers to parent cpd

procion red HE-3B
(RN) 68214-04-0
(HM) *TRIAZINES
(II) DYES
(NO) structure

procion red MX-G
(RN) 25489-36-5
(HM) *TRIAZINES
(II) DYES
(NO) RN given refers to di-Na salt; RN for parent cpd not in Chemline 7/84

Procion Red MX-2B see Procion Brilliant Red M-2BS

procion yellow
(RN) 61951-86-8
(HM) *TRIAZINES
(II) DYES
(II) FLUORESCENT DYES

proclonol
(RN) 14088-71-2
(SY) kilacar
(SY) bis(4-chlorophenyl)cyclopropylmethanol
(HM) *BENZYL ALCOHOLS
(PA) INSECTICIDES
(PA) MUTAGENS

pro-clotting enzyme
(SY) proclotting enzyme
(HM) *BLOOD COAGULATION FACTORS
(NO) enzyme capable of causing the gelation of clottable proteins in horseshoe crab; activation of enzyme needs presence of calcium & endotoxin

proclotting enzyme see pro-clotting enzyme

proclotting enzyme activator, Limulus
(RN) EC 3.4.21.-
(SY) PCEAL
(SY) Limulus proclotting enzyme activator
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) trypsin-type serine protease

procoagulant activity, leukocyte see leukocyte procoagulant activity

procoagulant activity, macrophage see macrophage procoagulant activity

procoat protein signal peptidase see leader peptidase

procoligenoids
(HM) *TOXOIDS
(II) ENTEROTOXINS
(II) ESCHERICHIA COLI
(NO) heat-labile enterotoxins from E coli porcine & human strains heated & polymerized to high MW aggregates with accompanying loss of toxicity

procolipase
(SY) procolipase A
(SY) procolipase B
(HM) *COLIPASES
(HM) *PROTEIN PRECURSORS
(NO) found in porcine pancreas

procolipase A see procolipase

procolipase B see procolipase

procollagenase
(RN) EC 3.4.24.-
(HM) *CLOSTRIDIOPEPTIDASE A
(HM) *ENZYME PRECURSORS
(NO) precursor of EC 3.4.24.3, clostridiopeptidase A

procollagen endopeptidase (carboxy terminal splitting)
(RN) EC 3.4.99.-
(SY) procollagen C-protease
(HM) *PEPTIDE PEPTIDOHYDROLASES

procollagen C-protease see procollagen endopeptidase (carboxy terminal splitting)

procollagen N-protease
(RN) EC 3.4.99.-
(SY) procollagen Type III N-terminal endopeptidase
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) cleaves off N-propeptide from procollagen; see also record for procollagen N-proteinase

procollagen N-proteinase
(RN) EC 3.4.24.14
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) does not cleave type III procollagen (see procollagen N-protease)

procollagen type I carboxy terminal peptide
(SY) PRO(I)C-P
(SY) type I procollagen C-terminal peptide
(HM) *PROCOLLAGEN
(HM) *PEPTIDE FRAGMENTS
(NO) elevatd in alcoholic hepatitis & cirrhosis

procollagen Type III N-terminal endopeptidase see procollagen N-protease

procollagen Type III-N-terminal peptide
(SY) P-III-P
(SY) Type III procollagen N-terminal peptide
(SY) aminopropeptides (procollagen)
(SY) aminopropeptide Col 1-3
(SY) PRO(III)-N-P
(HM) *PROCOLLAGEN
(HM) *PEPTIDE FRAGMENTS
(NO) precursor-specific segments located at the amino end of procollagen

pro-complement 3
(SY) pro-C3
(SY) pro-C 3
(HM) *COMPLEMENT 3
(HM) *PROTEIN PRECURSORS

pro-complement 4
(SY) pro-C4
(SY) pro-C 4
(HM) *PROTEIN PRECURSORS
(HM) *COMPLEMENT 4
(NO) single chain glycoprotein MW 185,000 to 200,000

pro-corticotropin releasing factor see pro-corticotropin releasing hormone

pro-corticotropin releasing hormone
(SY) PCRH
(SY) pro-CRF
(SY) pro-corticotropin releasing factor
(SY) prepro-CRF
(HM) *PROTEIN PRECURSORS
(HM) *CORTICOTROPIN RELEASING HORMONE
(NO) amino acid sequence given in first source

Proco-Sol
(RN) 69234-07-7
(HM) *RESINS, SYNTHETIC
(HM) *ZINC OXIDE
(HM) *BISMUTH
(II) ROOT CANAL FILLING MATERIALS
(NO) contains zinc oxide, hydrogenated resin, bismuth subcarbonate & barium sulfate; liquid contains eugenol

pro-CRF see pro-corticotropin releasing hormone

proctase A
(RN) EC 3.4.-
(HM) *PEPTIDE HYDROLASES
(II) ASPERGILLUS/enzymology

proctolin
(RN) 57966-42-4
(SY) Gut Factor
(SY) Arg-Tyr-Leu-Pro-Thr
(SY) arginyl-tyrosyl-leucyl-prolyl-threonyl
(HM) *OLIGOPEPTIDES
(II) NEUROREGULATORS
(NO) neurotransmitter in arthropods or invertebrates

procyanidin
(RN) 4852-22-6
(RR) 15514-06-4 (procyanidin B)
(RR) 20315-25-7 (procyanidin B1)
(RR) 35356-33-3 (procyanidin C)
(RR) 35356-34-4 (procyanidin D)
(HM) *CATECHIN
(NO) catechin oligomer; RN given refers to parent cpd

procymidone
(RN) 32809-16-8
(SY) (3,5-dichlorophenyl)-1,2-dimethylcyclopropane-1,2-dicarboximide
(SY) dicyclidine
(SY) sumilex
(SY) sumisclex
(SY) S-7131
(SY) procymidox
(HM) *BICYCLO COMPOUNDS
(PA) FUNGICIDES, INDUSTRIAL

procymidox see procymidone

pro-C 3 see pro-complement 3

pro-C3 see pro-complement 3

pro-C 4 see pro-complement 4

pro-C4 see pro-complement 4

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prodan
(RN) 70504-01-7
(SY) 6-propionyl-2-dimethylaminonaphthalene
(HM) *2-NAPHTHYLAMINE/analogs
(II) FLUORESCENT DYES
(NO) do not confuse with prodan in Chemline, RN 16893-85-9 which is disodium hexafluorosilicate

Pro-diaban see glisoxepide

prodiame
(RN) 87189-13-7
(SY) N-(3-hydroxyestra-1,3,5(10)-triene-1,3-17beta)-1,3-propylenediamine
(HM) *ESTROGENS, SYNTHETIC

prodipin
(RN) 31314-38-2
(RR) 31314-39-3 (HCl)
(SY) 1-tert-isopropyl-4,4-diphenylpiperidine
(SY) prodipine
(HM) *PIPERIDINES
(PA) ANTIPARKINSON AGENTS
(NO) RN given refers to parent cpd

prodipine see prodipin

prodolic acid
(RN) 36505-82-5
(SY) AY 23,289
(SY) 1,3,4,9-tetrahydro-1-propylpyrano(3,4-b)indole-1-acetic acid
(HM) *INDOLES
(PA) ANTI-INFLAMMATORY AGENTS
(NO) structure

prodynorphin see preproenkephalin

D-Pro(10)-dynorphin (1-11) see dynorphin (1-11), Pro(10)

proelastase
(RN) EC 3.4.21.-
(HM) *PANCREATOPEPTIDASE
(HM) *ENZYME PRECURSORS
(NO) precursor of EC 3.4.21.11, pancreatopeptidase

proenkephalin
(RN) 69078-17-7
(SY) pro-enkephalin
(SY) proenkephalin B
(SY) proenkephalin A
(HM) *ENKEPHALINS
(HM) *PROTEIN PRECURSORS
(NO) RN given refers to 5-pro-enkephalin; see also record for pro-Met-enkephalin & pro-Leu-enkephalin

pro-enkephalin see proenkephalin

proenkephalin A see proenkephalin

proenkephalin B see proenkephalin

profenofos
(RN) 41198-08-7
(SY) Curacron
(SY) selecron
(HM) *THIOPHOSPHORIC ACID ESTERS
(PA) INSECTICIDES, ORGANOTHIOPHOSPHATE

proferrorosamine A
(RN) 26927-08-2
(RR) 21045-59-0 (proferrorosamine B)
(RR) 27590-55-2 (proferrorosamine B anhydro)
(HM) *PYRROLES
(NO) produced by Pseudomonas roseus fluorescens; RN given refers to parent cpd

profilactin
(HM) *PROTEINS
(NO) 1:1 complex between monomeric actin & profilin

profilaggrin see stratum corneum basic protein precursor

profile
(RN) 76363-96-7
(HM) *COMPOSITE RESINS
(II) DENTAL RESTORATION, PERMANENT
(NO) used for posterior dental restorations

profilin
(HM) *PROTEINS
(II) CONTRACTILE PROTEINS
(NO) low MW protein from spleen & other organs which binds to actin in muscle & non-muscle cells, controlling actin polymerization; MW 16,000

proflamin
(HM) *GLYCOPROTEINS
(PA) ANTINEOPLASTIC AGENTS
(NO) isolated from Flammulina velutipes; active against adenocarcinoma and melanoma in mice

profluralin
(RN) 26399-36-0
(SY) N-(cyclopropylmethyl)-alpha,alpha,alpha-trifluoro-2,6-dinitro-N-propyl-p-toluidine
(HM) *TRIFLURALIN/analogs
(PA) HERBICIDES

progabide
(RN) 62666-20-0
(SY) SL 76002
(HM) GABA/*analogs
(PA) ANTICONVULSANTS
(NO) GABA agonist; structure

progabide acid see SL 75102

pro-gamma-melanocortin see MSH, pro-gamma-

pro-gamma-melanotropin see MSH, pro-gamma-

pro-gamma-MSH see MSH, pro-gamma-

pro-gastrin
(SY) progastrin
(HM) *PROTEIN PRECURSORS
(HM) *GASTRINS
(NO) amino acid sequence given in first source; 85 amino acid peptide

progastrin see pro-gastrin

progestagen-associated endometrial protein see progestagen-dependent endometrial protein

progestagen-dependent endometrial protein
(SY) PDETP
(SY) progestagen-associated endometrial protein
(SY) alpha uterine protein
(HM) *PREGNANCY PROTEINS
(NO) synthesized by human decidua of pregnancy

progestasert (progesterone-IUD)
(HM) *PROGESTERONE
(II) IUD MEDICATED
(NO) membrane enclosed reservoir inserted in uterus containing progesterone; once-a-year contraceptive; Chemline gives progestasert as a synonym for progesterone

progesterone 17 alpha-hydroperoxide
(RN) 28990-01-4
(SY) 17alpha-hydroperoxyprogesterone
(HM) PROGESTERONE/*analogs

progesterone 11 alpha-hydroxylase see progesterone 11 alpha-monooxygenase

progesterone 16 alpha-hydroxylase
(RN) EC 1.14.99.-
(SY) progesterone-16-alpha-hydroxylase
(HM) *STEROID HYDROXYLASES

progesterone-16-alpha-hydroxylase see progesterone 16 alpha-hydroxylase

progesterone-17 alpha-hydroxylase see progesterone monooxygenase

progesterone 11 alpha-monooxygenase
(RN) EC 1.14.99.14
(SY) progesterone 11 alpha-hydroxylase
(HM) *STEROID HYDROXYLASES

progesterone 5 alpha-reductase
(RN) EC 1.3.1.30
(RR) 72412-84-1 (CRN)
(HM) *OXIDOREDUCTASES
(NO) do not confuse this with progesterone reductase which is a 3 beta-hydroxysteroid dehydrogenase

progesterone 6beta-hydroxylase see progesterone-6-hydroxylase

progesterone 11-hemisuccinate
(RN) 62624-72-0
(RR) 41238-98-6 ((11alpha)-isomer)
(SY) 11alpha-hydroxyprogesterone hemisuccinate
(SY) 11 alpha-hydroxy-4-pregnene-3,20-dione-11-hemisuccinate
(SY) 11 alpha-hemisuccinyl-progesterone
(HM) *HYDROXYPROGESTERONES
(II) ANTIGENS
(NO) RN given refers to cpd without isomeric designation

progesterone-21-hydroxylase
(RN) EC 1.14.99.-
(HM) *STEROID-21-HYDROXYLASE

progesterone-6-hydroxylase
(RN) EC 1.14.99.-
(SY) progesterone 6beta-hydroxylase
(HM) *STEROID HYDROXYLASES
(NO) cytochrome P-450 enzyme

progesterone monooxygenase
(RN) EC 1.14.99.4
(RR) 37256-85-2 (CRN)
(SY) progesterone-17 alpha-hydroxylase
(HM) *STEROID-17-HYDROXYLASE

progestogen see norethindrone acetate

proglucagon
(RN) 55963-74-1
(SY) pro-glucagon
(SY) porcine glucagon
(SY) glicentin
(SY) glicentine
(HM) *GLUCAGON
(HM) *PROTEIN PRECURSORS
(NO) precursor of glucagon; single-chain polypeptide with 69-78 amino acid residues depending on species; can be converted to glucagon by mild trypsin treatment; RN given refers to cpd with unknown MF; RN for glicentin (porcine proglucagon, 69 amino acid residues): 71567-77-6

pro-glucagon see proglucagon

proglucagon fragment
(SY) major proglucagon fragment
(SY) MPGF
(HM) *GLUCAGON
(HM) *PEPTIDE FRAGMENTS
(NO) isolated from rat pancreatic islets; identified as the COOH-terminal portion of proglucagon & contains two glucagon related sequences; may be processed further elsewhere in the body or in other cells of the gastrointestinal tract that produces glucagon precursors; MW 10 kDa; amino acid sequence given in first source

proglumetacin see protacine

progonasyl see 2-iodobenzoic acid

progynon-Depot see estradiol valerate

Progynova see estradiol valerate

prohaptoglobin
(HM) *HAPTOGLOBINS
(HM) *PROTEIN PRECURSORS
(NO) glycosylated primary translation product cleaved in biosynthesis of rat haptoglobin

Pro-His-Pro-Phe-His-Phe-Phe-Val-Tyr-Lys see renin inhibitory peptide

pro-HNP see hereditary nephritis proteins

PRO(I)C-P see procollagen type I carboxy terminal peptide

PRO(III)-N-P see procollagen Type III-N-terminal peptide

Pro (B21)insulin see insulin, Pro (B21)-

proinsulin chimeric polypeptide
(SY) CHPP
(SY) human proinsulin chimeric protein
(HM) *PROINSULIN
(II) BACTERIAL PROTEINS
(NO) human proinsulin coupled at its amino terminus to portion of E coli tryptophan E gene product

proinsulin (46-70)
(HM) *PROINSULIN
(HM) *PEPTIDE FRAGMENTS

prolactin-binding protein
(SY) prolactin binding protein
(HM) *CARRIER PROTEINS
(II) PROLACTIN
(NO) not the same as prolactin receptor

prolactin binding protein see prolactin-binding protein

prolactin, glycosylated
(SY) glycosylated prolactin
(HM) PROLACTIN/*analogs
(NO) isolated from pituitary gland; carbohydrate unit linked to asparagine at position 31 in the sequence Asn-Leu-Ser; MW 25,000

prolactin-inhibitory factor receptor
(SY) prolactin-inhibitory factor receptors
(SY) receptor, prolactin-inhibitory factor
(SY) receptor, PIF
(SY) PIF-receptor
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) PROLACTIN RELEASE INHIBITING HORMONE

prolactin-inhibitory factor receptors see prolactin-inhibitory factor receptor

prolactin protease
(RN) EC 3.4.99.-
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) from pituitary lysosomes of lactating rats

prolactin receptor
(SY) receptor, prolactin
(SY) prolactin receptors
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) PROLACTIN

prolactin receptors see prolactin receptor

prolamine solution see prolamins

prolamins
(SY) ethibloc
(SY) prolamine solution
(SY) ethybloc
(HM) *PROTEINS
(NO) group of simple proteins yielding only amino acids on cleavage by acids or enzymes; do not confuse with prolamine RN in Chemline which is a synonym to pyrrolidine: 123-75-1; also an alcoholic amino acid solution that becomes solidified in a moist environment within minutes

Pro-Leu see prolylleucine

pro-leucomycin A5 see 3''-O-propionylleucomycin A5

prolidase see proline dipeptidase

proliferating cell nuclear antigen (SLE) see cyclin

proliferation inhibitory factor see lymphocyte proliferation inhibitory factor

proliferation regulatory factors, human urine
(SY) PRF-I
(SY) PRF-II
(SY) PRF-III
(HM) *GROWTH SUBSTANCES
(NO) composed of 3 molecules with MW 41,000, 7,800, & 5,100 named PRF-I, -II, -III respectively; from normal human urine; stimulate growth of normal cells at optimum concentration & suppress growth of tumor cells

proliferin
(SY) PLF protein
(HM) *PROTEINS
(II) GROWTH SUBSTANCES
(NO) growth-related protein member of prolactin-growth hormone family

proligestone
(RN) 23873-85-0
(SY) 14 alpha, 17 alpha-propylidenedioxyprogesterone
(SY) 14,17-dihydroxypregn-4-ene-3,20-dione cyclic acetal with propionaldehyde
(SY) Delvosteron
(HM) PROGESTERONE/*analogs
(II) PROGESTATIONAL HORMONES, SYNTHETIC

prolinal
(RN) 3760-54-1
(SY) proline aldehyde
(HM) PROLINE/*analogs
(PA) PEPTIDE HYDROLASES/antag

prolinase see prolyl dipeptidase

proline aldehyde see prolinal

proline aminopeptidase see proline iminopeptidase

proline arylamidase
(RN) EC 3.4.11.-
(HM) *AMINO ACID NAPHTHYLAMIDASES

proline-binding protein
(SY) proline-H+ symport
(SY) proline-2H+ symport
(SY) proline transport protein
(SY) proline carrier
(HM) *CARRIER PROTEINS
(II) PROLINE
(NO) MW 100-KDa peptide; facilitates transport of proline in cytoplasmic membrane vesicles

proline carboxypeptidase
(RN) EC 3.4.16.2
(SY) angiotensinase C
(SY) prolylcarboxypeptidase
(SY) lysosomal carboxypeptidase C
(HM) *CARBOXYPEPTIDASES

L-Proline, 1-(N-(1-carboxy-3-phenylpropyl)-L-alanyl)-, (S) see MK 422

proline carrier see proline-binding protein

proline cetyl ester
(SY) prolyl-cetyl ester
(HM) PROLINE/*analogs
(NO) structure given in first source

proline dipeptidase
(RN) EC 3.4.13.9
(SY) prolidase
(SY) peptidase D
(HM) *DIPEPTIDASES
(NO) substrate proline may be replaced by hydroxyproline

D-proline(10)-dynorphin (1-11) see dynorphin (1-11), Pro(10)

proline endopeptidase see prolyl endopeptidase

proline 3-hydroxylase see proline, 2-oxoglutarate 3-dioxygenase

proline-imino-peptidase see proline iminopeptidase

proline iminopeptidase
(RN) EC 3.4.11.5
(RR) 9025-40-5 (CRN)
(SY) proline aminopeptidase
(SY) cytosol aminopeptidase V
(SY) proline-imino-peptidase
(HM) *AMINOPEPTIDASES

proline (B21)insulin see insulin, Pro (B21)-

proline, 2-oxoglutarate 3-dioxygenase
(RN) EC 1.14.11.7
(SY) proline 3-hydroxylase
(SY) prolyl 3-hydroxylase
(HM) *PROLINE HYDROXYLASE
(NO) prolyl 3-hydroxylase is separate enzyme from prolyl 4-hydroxylase; catalyzes post translational modification of collagen

proline permease
(SY) L-proline permease
(SY) proline porter
(HM) *PERMEASES

L-proline permease see proline permease

proline porter see proline permease

proline reductase
(RN) EC 1.4.1.6
(HM) *AMINO ACID OXIDOREDUCTASES

proline-rich glycoprotein see proline-rich polypeptide

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proline-rich polypeptide
(SY) proline-rich proteins
(SY) protein C (salivary)
(SY) salivary protein C
(SY) protein A (salivary)
(SY) salivary protein A
(SY) peptide P-E (saliva)
(SY) proline-rich polypeptide P-E
(SY) salivary peptide P-E
(SY) peptide P-C
(SY) salivary protein 1B-9
(SY) salivary protein 1B-6
(SY) salivary proline-rich proteins
(SY) GP 158
(SY) GP-158
(SY) proline-rich glycoprotein
(HM) *PEPTIDES
(II) PROLINE
(II) SALIVARY PROTEINS
(II) CALCIUM-BINDING PROTEINS
(II) PHOSPHOPROTEINS
(NO) predominantly present in salivary secretions; may bind calcium in saliva; GP-158 is induced isoproterenol treatment

proline-rich polypeptide P-E see proline-rich polypeptide

proline-rich proteins see proline-rich polypeptide

proline specific endopeptidase see post-proline endopeptidase

proline-H+ symport see proline-binding protein

proline-2H+ symport see proline-binding protein

proline transport protein see proline-binding protein

proline tRNA
(SY) prolyl tRNA
(SY) tRNA Pro
(SY) Pro-tRNA
(HM) *AMINO ACYL T RNA

L-proline:tRNA-Pro ligase (AMP-forming) see prolyl T RNA synthetase

prolintane
(RN) 493-92-5
(RR) 1211-28-5 (HCl)
(SY) 1-(alpha-propylphenethyl)pyrrolidine
(SY) katovit
(SY) phenylpyrrolidinylpentan
(HM) *PYRROLIDINES
(PA) ANALEPTICS
(NO) RN given refers to parent cpd; structure

prolipoprotein
(HM) *BACTERIAL OUTER MEMBRANE PROTEINS
(HM) *PROTEIN PRECURSORS
(II) ESCHERICHIA COLI
(NO) secretory precursor of the lipoprotein E coli outer membrane

prolipoprotein signal peptidase see leader peptidase

prolipoprotein signal peptide
(SY) prolipoprotein SP
(HM) *BACTERIAL OUTER MEMBRANE PROTEINS
(HM) *PEPTIDES

prolipoprotein SP see prolipoprotein signal peptide

prolixase
(RN) EC 3.4.99.-
(HM) *PEPTIDE PEPTIDOHYDROLASES
(PA) FIBRINOLYTIC AGENTS
(NO) fibrinolytic enzyme in hemolymph of Rhodnius prolixus

prolon A see gestyl

prolonan see gestyl

proloteston
(HM) DROMOSTANOLONE/*analogs
(PA) ANTINEOPLASTIC AGENTS
(NO) mixture of dromostanolone & its propionate, capronate, enanthoate esters

prolutin depot see 17 alpha-hydroxyprogesterone caproate

proluton depot see 17 alpha-hydroxyprogesterone caproate

prolycopene see lycopene

prolyl-(D,L)-alaninepeptidohydrolase see prolyl endopeptidase (thiol-dependent)

prolyl-alanylpeptidylhydrolase see prolyl dipeptidase

prolylarginine
(RN) 2418-74-8
(RR) 88263-52-9 ((D-Arg-L-Pro)-isomer)
(RR) 88263-53-0 ((L-Arg-D-Pro)-isomer)
(SY) Pro-Arg
(HM) *DIPEPTIDES
(PA) ANALGESICS
(II) PEPTIDE FRAGMENTS
(NO) fragment of tuftsin peptide with analgesic action; RN given refers to all L-isomer; RN for cpd without isomeric designation not in Chemline 6/85

prolyl-arginyl-tuftsin see tuftsin, Pro-Arg-

prolylcarboxypeptidase see proline carboxypeptidase

prolyl-cetyl ester see proline cetyl ester

prolyl dipeptidase
(RN) EC 3.4.13.8
(RR) 9025-33-6 (CRN)
(SY) iminodipeptidase
(SY) prolinase
(SY) prolyl-alanylpeptidylhydrolase
(HM) *DIPEPTIDASES

prolyl endopeptidase
(RN) EC 3.4.99.-
(SY) proline endopeptidase
(SY) prolyl endopeptidase I
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) hydrolyzes peptidylproplyl-peptide & peptidylprolyl-aminoacid bonds; from human erythrocytes, mass = 100,000

prolyl endopeptidase I see prolyl endopeptidase

prolyl endopeptidase (thiol-dependent)
(RN) EC 3.4.22.18
(SY) PRALPTHDL
(SY) prolyl-(D,L)-alaninepeptidohydrolase
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) thiolproteinase from hypothalamus & hypophysis

prolyl-histidyl-prolyl-phenylalanyl-histidyl-phenylalanyl-phenylalanyl-valyl-tyrosyl-lysyl see renin inhibitory peptide

prolyl 3-hydroxylase see proline, 2-oxoglutarate 3-dioxygenase

prolylleucine
(RN) 61596-47-2
(RR) 69773-34-8 ((L-Leu-D-Pro)-isomer)
(RR) 69773-33-7 ((D-Leu-D-Pro)-isomer)
(RR) 1634-90-8 ((L-Leu-L-Pro)-isomer)
(SY) Pro-Leu
(SY) Z-Pro-D-Leu
(HM) *DIPEPTIDES
(NO) RN given refers to (D-Leu-L-Pro)-isomer

prolyl-leucyl-glycinamide receptors see MSH release inhibiting hormone receptor

prolyllysylglycinamide see prolyl-lysyl-glycinamide

prolyl-lysyl-glycinamide
(RN) 55299-63-3
(RR) 30225-24-2 (di-HCl)
(RR) 55299-69-9 ((L-Pro-D-Lys)-isomer)
(RR) 53138-01-5 (di-HBr)
(SY) Pro-Lys-Gly-amide
(SY) prolyllysylglycinamide
(HM) *OLIGOPEPTIDES
(NO) protective against puromycin-induced amnesia in mice; RN given refers to (L-Pro-L-Lys)-isomer

prolyl(4)-naphthylalanyl(7,9)-phenylalanine(11)- substance P(4-11) see substance P(4-11), Pro(4)-Npa(7,9) Phe(11)-

prolyl-phenylalanyl-arginine chloromethyl ketone
(SY) Pro-Phe-Arg-chloromethyl ketone
(SY) PPACK
(HM) *AMINO ACID CHLOROMETHYL KETONES

prolyl-phenylalanyl-arginine-4-methylcoumaryl-7-amide
(RN) 65147-21-9
(SY) Pro-Phe-Arg-MCA
(HM) *OLIGOPEPTIDES
(II) FLUORESCENT DYES
(NO) fluorogenic substrate

prolyl-phenylalanyl-arginine naphthylester
(RN) 73142-64-0
(SY) Pro-Phe-Arg-naphthyl ester
(HM) *OLIGOPEPTIDES
(NO) synthetic substrate for kallikrein

prolyl-phenylalanyl-arginine-p-nitroanilide see prolyl-phenylalanyl-arginine-4-nitroanilide

prolyl-phenylalanyl-arginine-4-nitroanilide
(RN) 64816-19-9
(RR) 59188-29-3 (di-HCl)
(SY) H-D-prolyl-phenylalanyl-arginine-para-nitroanilide
(SY) S-2302
(SY) D-prolyl-L-phenylalanyl-N-(4-nitrophenyl)-L-argininamide
(SY) Pro-Phe-Arg-p-nitroanilide
(SY) H-D-Pro-Phe-Arg-p-nitroanilide
(SY) prolyl-phenylalanyl-arginine-p-nitroanilide
(SY) S-2648
(HM) *OLIGOPEPTIDES
(II) CHROMOGENIC COMPOUNDS
(NO) chromogenic cpd; RN given refers to parent cpd

prolyl-phenylalanyl-N-heptylargininamide see S 2441

D-prolyl-L-phenylalanyl-N-(4-nitrophenyl)-L- argininamide see prolyl-phenylalanyl-arginine-4-nitroanilide

2-prolyl-7-phenylalanyl-9-tryptophan-substance P see substance P, Pro(2)-Phe(7)-Trp(9)-

prolyl-prolyl-glycine
(RN) 16875-10-8
(SY) Pro-Pro-Gly
(SY) L-prolyl-L-prolyl-glycine
(HM) *OLIGOPEPTIDES
(NO) RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 3/85

L-prolyl-L-prolyl-glycine see prolyl-prolyl-glycine

prolyl T RNA synthetase
(RN) EC 6.1.1.15
(RR) 9055-68-9 (CRN)
(SY) L-proline:tRNA-Pro ligase (AMP-forming)
(HM) *AMINO ACYL T RNA SYNTHETASES
(NO) minor descriptor (75-84); on-line & Index Medicus search AMINO ACYL T RNA SYNTHETASES (75-84)

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prolyl-threonyl-glutamyl-phenylalanyl-4-nitrophenylalanyl-arginyl-leucine
(SY) Pro-Thr-Glu-Phe-4-nitro-Phe-Arg-Leu
(SY) PTGP-NP-AL
(HM) *OLIGOPEPTIDES
(II) CHROMOGENIC COMPOUNDS
(NO) synthetic chromogenic substrate for pepsin

prolyl-tRNA
(HM) *AMINO ACYL T RNA
(II) RNA, TRANSFER

prolyl tRNA see proline tRNA

prolyl(4)-tryptophanyl(7,9)-norleucyl(11)-substance P (4-11) see substance P(4-11), Pro(4)-Trp(7,9)-Nle(11)-

prolyl(4)-tryptophanyl(7,9)-substance P(4-11) see substance P(4-11), Pro(4)-Trp(7,9)-

prolyl(4)-tryptophanyl(7,9,10)-substance P(4-11) see substance P(4-11), Pro(4)-Trp(7,9,10)-

2-prolyl-7-tryptophanyl-9-tryptophan-substance P see substance P, Pro(2)-Trp(7)-Trp(9)-

prolylvaline
(RN) 20488-27-1
(SY) valylproline
(SY) Pro-Val
(SY) Val-Pro
(HM) *DIPEPTIDES
(PA) ANTI-ARRHYTHMIA AGENTS
(NO) RN given refers to (L-Pro-L-Val)-isomer

prolyl(4)-valyl(8)-tryptophanyl(7,9,10)-substance P see substance P(4-11), Pro(4)-Val(8)-Trp(7,9,10)-

Pro-Lys-Gly-amide see prolyl-lysyl-glycinamide

PROMACE
(HM) CYCLOPHOSPHAMIDE
(HM) DOXORUBICIN
(HM) ETOPOSIDE
(HM) PREDNISONE
(HM) METHOTREXATE
(HM) CITROVORUM FACTOR
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

Promalgan
(HM) *PYRAZOLES
(HM) *PHENOTHIAZINES
(HM) DRUG COMBINATIONS
(PA) ANALGESICS
(NO) consist of an association of pyrazolone analgesics and a phenothiazine derivative; no other information available 1/19/83

promaquid see fonazine

promecarb
(RN) 2631-37-0
(SY) m-cym-5-yl methylcarbamate
(SY) 3-methyl-5-isopropylphenyl N-methylcarbamate
(SY) Carbamult
(SY) 3-cym-5-yl methylcarbamate
(HM) *CARBAMATES
(PA) INSECTICIDES, CARBAMATE
(NO) structure

promelitten see promelittin

promelittin
(RN) 37231-70-2
(SY) promelitten
(HM) *MELITTEN
(HM) *PROTEIN PRECURSORS

promestriene
(RN) 39219-28-8
(SY) colpotrophine
(SY) delipoderm
(SY) 3-propoxy-17 beta-methoxy-1,3,5(10)-estratriene
(HM) ESTRADIOL/*analogs
(II) ESTROGENS, SYNTHETIC
(NO) structure

promin see glucosulfone

Promintic see methyridine

pronamide
(RN) 23950-58-5
(SY) RH-315
(SY) Kerb
(SY) propisamide
(SY) propizamide
(SY) propyzamide
(SY) N-(1,1-dimethylpropynyl)-3,5-dichlorobenzamide
(SY) 3,5-dichloro-N-(1,1-dimethyl-2-propynyl) benzamide
(HM) *BENZAMIDES
(PA) HERBICIDES
(PA) CARCINOGENS
(II) WATER POLLUTANTS CHEM
(II) SOIL POLLUTANTS
(NO) structure

pronarcon
(RN) 125-55-3
(RR) 5992-36-9 ((+-)-isomer)
(RR) 5774-51-6 ((R)-isomer)
(RR) 5774-52-7 ((S)-isomer)
(RR) 3329-16-6 (Na salt)
(SY) 5-(2-bromoallyl)-5-isopropyl-1-methylbarbituric acid
(SY) enibomal
(SY) narcodorm
(SY) eunarcon
(HM) *BARBITURATES
(NO) RN given refers to cpd without isomeric designation; structure

pronatriodilatin see atrial natriuretic factor precursors

proneurophysin see neurophysin precursors

Pro(4)-Npa(7,9)-Phe(11)-substance P(4-11) see substance P(4-11), Pro(4)-Npa(7,9)-Phe(11)-

Prontosil see sulfamidochrysoidine

proopiocortin amino-terminal peptide see proopiocortin fragments

pro-opiocortin converting enzyme
(RN) EC 3.4.22.-
(SY) pro-opiocortin converting protease
(SY) POMC enzyme
(SY) pro-opiomelanocortin converting enzyme
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) acid-thiol-arginyl protease which cleaves between basic amino acid pairs to release ACTH & beta-lipotropin

pro-opiocortin converting protease see pro-opiocortin converting enzyme

proopiocortin fragments
(SY) pro-opiocortin fragments
(SY) POC (1-74)
(SY) POC (1-48-49)
(SY) POC (50-74)
(SY) proopiocortin amino-terminal peptide
(HM) *PRO-OPIOMELANOCORTIN
(HM) *PEPTIDE FRAGMENTS
(NO) precursor molecule of ACTH & beta-lipotropin

pro-opiocortin fragments see proopiocortin fragments

pro-opiomelanocortin amino-terminal glycopeptide
(SY) POMCATGP
(HM) *PRO-OPIOMELANOCORTIN
(HM) *PEPTIDE FRAGMENTS
(II) ALDOSTERONE/metab
(NO) has aldosterone-stimulating activity

pro-opiomelanocortin converting enzyme see pro-opiocortin converting enzyme

pro-opiomelanocortin joining peptide
(RN) 88389-69-9
(SY) protropin (14-23)
(SY) Val-Ala-Val-Gly-Glu-GLy-Pro-Gly-Pro-Arg
(SY) POMC (14-23)
(HM) *PRO-OPIOMELANOCORTIN
(HM) *PEPTIDE FRAGMENTS
(NO) region between gamma-MSH & ACTH

pro-opiomelanocortin N-terminal(1-76) see MSH, pro-gamma-

pro-opiomelanocortin(50-74) see MSH, Lys-gamma(3)

prooxyphysin see neurophysin precursors

propachlor
(RN) 1918-16-7
(SY) Ramrod
(SY) 2-chloro-N-isopropylacetanilide
(HM) *ACETANILIDES
(PA) HERBICIDES
(NO) structure

propafenon see propafenone

propafenone
(RN) 54063-53-5
(RR) 34183-22-7 (HCl)
(SY) 2'-(3-(propylamino)-2-(hydroxy)propoxy)-3-phenyl-propiophenone
(SY) SA 79
(SY) fenoprain
(SY) baxarytmon
(SY) propafenon
(SY) Rytmonorm
(HM) *PROPIOPHENONES
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS
(PA) MYOCARDIAL DEPRESSANTS
(PA) ANTI-ARRHYTHMIA AGENTS
(NO) antiarrhythmic agent for therapy of ectopic & rapid cardiac arrhythmias; RN given refers to parent cpd; structure in Negwer, 5th ed. #4667

Propain
(HM) *ACETAMINOPHEN
(HM) *CODEINE
(HM) *DIPHENHYDRAMINE
(HM) *CAFFEINE
(HM) DRUG COMBINATIONS
(PA) ANALGESICS
(NO) contains above cpds; codeine as the phosphate salt

propamidine
(RN) 104-32-5
(RR) 6275-69-0 (di-HCl)
(SY) 4,4'-(trimethylenedioxy)dibenzamidine
(HM) *BENZAMIDINES
(PA) TRYPANOCIDAL AGENTS
(NO) RN given refers to parent cpd; structure

propaminodiphen see pramiverine

propanal see propionaldehyde

1-Propanaminium, N,N-dimethyl-3-sulfo-N-(3-(((3alpha, 5beta,7alpha)-3,7,12-trihydroxy-24-oxocholan-24-yl) amino)propyl)-,hydroxide, inner salt see 3-((3-cholamidopropyl)dimethylammonium)-1-propanesulfonate

1,3-propanediamine see trimethylenediamine

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1,3-propanediol bis(alpha-p-chlorophenoxyisobutyrate) see simfibrate

1,2-propanediol bisphosphate
(SY) 1,2-propanediol diphosphate
(HM) *PROPANEDIOLS
(NO) structure given in first source

1,2-propanediol dehydrogenase (NAD-linked) see glycerol dehydrogenase

1,2-propanediol dinitrate see propylene glycol dinitrate

1,2-propanediol diphosphate see 1,2-propanediol bisphosphate

propanediol oxidoreductase see lactaldehyde reductase

1,2-propanediol see propylene glycol

1,3-propanediol
(RN) 504-63-2
(HM) *PROPANEDIOLS

propane-2,2-diphosphonate
(SY) propane-2,2-diphosphonic acid
(HM) *DIPHOSPHONATES

propane-2,2-diphosphonic acid see propane-2,2-diphosphonate

propane sultone see 1,3-propane sultone

1,3-propane sultone
(RN) 1120-71-4
(SY) propane sultone
(HM) *THIOPHENES
(PA) CARCINOGENS
(PA) MUTAGENS
(NO) sultone is usually defined as a derivative of 1,8-naphtholsulfonic acid; structure

1,2,3-Propanetricarboxylic acid, 2-hydroxy-, mixt. with 2-(acetyloxy)benzoic acid, calcium phosphate and sodium hydrogen carbonate see Alka-Seltzer

1,2,3-Propanetricarboxylic acid, 2-hydroxy-, mixt. with copper(2+) sulfate (1:1), sodium hydrogen carbonate and sodium hydroxide see clinitest

propaphos
(RN) 7292-16-2
(SY) 4-methylthiophenyl dipropyl phosphate
(HM) *ORGANOPHOSPHORUS COMPOUNDS
(PA) INSECTICIDES, ORGANOPHOSPHATE
(NO) structure

proparacaine see proxymetacaine

proparathormone
(RN) 50815-54-8
(SY) proparathyroid hormone
(HM) *PARATHYROID HORMONES
(HM) *PROTEIN PRECURSORS
(NO) parathyroid hormone precursor

proparathyroid hormone see proparathormone

propargylamine
(RN) 2450-71-7
(RR) 15430-52-1 (mono-HCl)
(SY) propinylamine
(HM) *ALKYNES
(HM) *PROPYLAMINES
(NO) RN given refers to parent cpd; structure

1-propargyl-5-chloropyrimidin-2-one see NY 3170

N(10)-propargyl-5,8-dideazafolate
(SY) PDDF
(HM) FOLIC ACID/*analogs
(NO) structure given in first source

10-propargylestr-4-ene-3,17-dione
(RN) 77016-85-4
(SY) 10-PED
(SY) MDL 18962
(SY) MDL-18,962
(HM) ANDROSTENEDIONE/*analogs
(NO) selective inhibitor of aromatization in human breast tissue; may provide a mechanism for controlling estrogen responsive processes

propargylglycine
(RN) 64165-64-6
(RR) 23235-01-0 ((S)-isomer)
(RR) 50428-03-0 ((+-)-isomer)
(RR) 23235-03-2 ((R)-isomer)
(RR) 16900-57-5 (HCl)
(SY) L-2-amino-4-pentynoic acid
(HM) GLYCINE/*analogs
(HM) *ALKYNES
(NO) RN given refers to cpd without isomeric designation; structure

propatyl nitrate
(RN) 2921-92-8
(SY) 1,1,1-tris(hydroxymethyl)propane nitrate
(HM) *PROPANEDIOLS
(NO) structure given in first source

propazepam see pinazepam

propazine
(RN) 139-40-2
(SY) 2-chloro-4,6-bis(isopropylamino)-s-triazine
(SY) gesamil
(SY) Geigy 30,028
(HM) *TRIAZINES
(NO) relatively non-toxic triazine herbicide; minor descriptor (75-82); online & Index Medicus search TRIAZINES (75-82)

propazoline see proxazole

propene see propylene

propene oxide see propylene oxide

2-propenoic acid, 2-methyl-3-(4-(3-pyridinylmethyl) phenyl)-, hydrochloride see OKY 1581

2-propenoic acid see acrylic acid

1-propen-3-ol see allyl alcohol

p-propenylanisole see anethole

S-(2-propenyl)cysteine sulfoxide see alliin

4-propenyl-1,2-methylenedioxybenzene see isosafrole

proper-myl
(RN) 78515-84-1
(HM) *BIOLOGICAL PRODUCTS
(HM) *YEAST, DRIED
(HM) DRUG COMBINATIONS
(NO) extracts of lyophilized Candida, Saccharomyces & Cryptococcus; used in therapy of multiple sclerosis

propetamphos
(RN) 31218-83-4
(HM) *ORGANOTHIOPHOSPHORUS COMPOUNDS
(PA) INSECTICIDES, ORGANOTHIOPHOSPHATE

propham
(RN) 122-42-9
(SY) isopropyl N-phenylcarbamate
(SY) Merck 4925
(SY) Merck-4925
(HM) *CARBAMATES
(PA) HERBICIDES, CARBAMATE
(NO) minor descriptor (72-85); on-line & Index Medicus search HERBICIDES, CARBAMATE (72-85); RN given refers to parent cpd

Pro-Phe-Arg-chloromethyl ketone see prolyl-phenylalanyl-arginine chloromethyl ketone

Pro-Phe-Arg-MCA see prolyl-phenylalanyl-arginine-4-methylcoumaryl-7-amide

Pro-Phe-Arg-naphthyl ester see prolyl-phenylalanyl-arginine naphthylester

Pro-Phe-Arg-p-nitroanilide see prolyl-phenylalanyl-arginine-4-nitroanilide

Pro-Phe-N-heptyl-Arg-NH2 see S 2441

pro-phenoloxidase
(RN) EC 1.10.3.-
(SY) prophenoloxidase
(HM) *DIPHENOL OXIDASES
(HM) *ENZYME PRECURSORS

prophenoloxidase see pro-phenoloxidase

Pro(2)-Phe(7)-Trp(9)-substance P see substance P, Pro(2)-Phe(7)-Trp(9)-

propicillin
(RN) 551-27-9
(RR) 3736-12-7 ((2S-(2alpha,5alpha,6beta(R*)))-isomer)
(RR) 31090-17-2 (mono-Na salt(2S-(2alpha,5alpha,6beta))-isomer)
(RR) 4803-44-5 (mono-K salt(2S-(2alpha,5alpha,6beta(R*)))-isomer)
(RR) 4803-43-4 (mono-K salt(2S-(2alpha,5alpha,6beta(S*)))-isomer)
(HM) PENICILLIN, PHENOXYMETHYL/*analogs
(NO) major descriptor (64-84); on-line search PENICILLIN, PHENOXYMETHYL/AA (64-84); Index Medicus search PROPICILLIN (64-84); RN given refers to parent cpd(2S-(2alpha,5alpha,6beta))-isomer; RN for cpd without isomeric designation not in Chemline 8/84

propiconazole
(RN) 60207-90-1
(SY) 1-((2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl)methyl)-1H-1,2,4-triazole
(HM) *TRIAZOLES
(II) FUNGICIDES, INDUSTRIAL

propildazine
(RN) 64000-73-3
(RR) 56393-22-7 (di-HCl)
(SY) ISF 2123
(SY) 3-hydrazino-6-((2-hydroxypropyl)methylamino) pyridazine
(SY) pildralazine
(SY) propyldazine
(HM) *PYRIDAZINES
(PA) ANTIHYPERTENSIVE AGENTS
(PA) VASODILATOR AGENTS
(NO) RN given refers to parent cpd; synonym ISF 2123 refers to di-HCl; structure

propine see dipivefrin

propineb
(RN) 12071-83-9
(SY) propylenebis(dithiocarbamato)zinc
(SY) antracol
(HM) *ZINEB/analogs
(PA) TERATOGENS
(PA) FUNGICIDES, INDUSTRIAL
(PA) THYROID ANTAGONISTS
(NO) structure

propinol B-400 see propinol B 400

propinol B 400
(SY) propynol B 400
(SY) propinol B-400
(HM) *ANTIFOAMING AGENTS
(NO) no other information available 5/85

propinylamine see propargylamine

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propiolaldehyde
(RN) 624-67-9
(HM) *ALDEHYDES

propiolic acid beta-naphthyl methyl ester
(RN) 77119-37-0
(HM) *NAPHTHALENES
(PA) ANTIFUNGAL AGENTS
(NO) structure given in first source

propionaldehyde
(RN) 123-38-6
(RR) 20649-27-8 (2-(14)C-labeled cpd)
(RR) 20649-26-7 (1-(14)C-labeled cpd)
(SY) propanal
(HM) *ALDEHYDES
(NO) may cause respiratory irritation; RN given refers to parent cpd; structure

propionamide
(RN) 79-05-0
(HM) *AMIDES

propionate CoA-transferase see acyl-CoA transferase

propionic acid
(RN) 79-09-4
(SY) calcium propionate
(SY) ethylformic acid
(SY) monoprop
(HM) *PROPIONIC ACIDS

4-S-(propionic acid) sulfidocyclophosphamide
(RN) 70396-87-1
(SY) PASP
(HM) CYCLOPHOSPHAMIDE/*analogs
(PA) ANTINEOPLASTIC AGENTS
(PA) ALKYLATING AGENTS
(II) CROSS-LINKING REAGENTS
(NO) structure given in first source

propionitrile
(RN) 107-12-0
(HM) *NITRILES
(NO) structure

propionohydroxamic acid
(RN) 2580-63-4
(HM) *HYDROXAMIC ACIDS

n-propionylcadaverine see monopropionylcadaverine

propionylcarnitine
(RN) 17298-37-2
(RR) 20064-19-1 ((R)-isomer)
(RR) 25518-45-0 ((+-)-isomer)
(HM) CARNITINE/*analogs
(NO) RN given refers to cpd without isomeric designation

4-propionyl-4-(4-chlorophenyl)-1-(3-dimethylaminopropyl)piperidine see S(8)

propionylcholine
(RN) 5072-54-8
(RR) 2365-13-1 (chloride)
(RR) 2494-55-5 (iodide)
(RR) 1866-13-3 (tosylate)
(HM) CHOLINE/*analogs
(NO) RN given refers to parent cpd

propionylcholinesterase
(RN) EC 3.1.1.-
(HM) *CHOLINESTERASES
(NO) aspect of cholinesterase EC 3.1.1.8

propionyl-CoA see propionyl-coenzyme A

propionyl-CoA carboxylase
(RN) EC 4.1.1.41
(RR) 37289-44-4 (CRN)
(SY) methylmalonyl-CoA decarboxylase
(HM) *CARBOXY-LYASES
(NO) see also propionyl CoA carboxylase (ATP-hydrolyzing) (EC 6.4.1.4)

propionyl CoA carboxylase (ATP-hydrolyzing)
(RN) EC 6.4.1.3
(RR) 9023-94-3 (CRN)
(HM) *LIGASES
(NO) deficiency results in propionic acidemia; see also propionyl-CoA carboxylase (EC 4.1.1.41)

propionyl-coenzyme A
(RN) 317-66-8
(RR) 2068-84-0 (3H-labeled cpd)
(SY) propionyl-CoA
(SY) coenzyme A, propionyl-
(HM) *ACYL COENZYME A
(NO) RN given refers to parent cpd

6-propionyl-2-dimethylaminonaphthalene see prodan

10-propionyl dithranol
(RN) 75464-10-7
(HM) *ANTHRALIN/analogs
(II) IRRITANTS

propionyl erythromycin see erythromycin propionate

propionyl esterase
(RN) EC 3.1.1.-
(HM) *CARBOXYLIC ESTER HYDROLASES

3"-O-propionylleucomycin A5
(RN) 74014-51-9
(SY) pro-leucomycin A5
(SY) TMS-19-Q
(HM) *LEUCOMYCINS
(NO) structure given in first source

propionylmaridomycin
(RN) 39386-19-1
(SY) maridomycin 9-propanoate
(HM) *LEUCOMYCINS
(NO) synthetic macrolide antibiotic; 9-propyl ester of maridomycin isolated from Streptomyces hygroscopicus; structure

10-(3-propionyloxysuccinimide)-2-(trifluoromethyl)phenothiazine
(SY) POS-TP
(HM) *PHENOTHIAZINES
(HM) *SUCCINIMIDES
(II) AFFINITY LABELS
(NO) binds calmodulin; structure given in first source

propionylpromazine
(RN) 3568-24-9
(RR) 7681-67-6 (HCl)
(RR) 38878-70-5 (ion(1+))
(RR) 14796-43-1 (phosphate)
(SY) combolen
(SY) propiopromazine
(HM) PROMAZINE/*analogs
(PA) TRANQUILIZING AGENTS
(NO) RN given refers to parent cpd

propionylthiocholine
(RN) 24578-90-3
(RR) 1866-73-5 (iodide)
(HM) THIOCHOLINE/*analogs
(NO) substrate for cholinesterase; RN given refers to parent cpd

propionylvitellogenin
(SY) propionyl-vitellogenin
(HM) VITELLOGENIN/*analogs

propionyl-vitellogenin see propionylvitellogenin

propiopromazine see propionylpromazine

propipocaine
(RN) 3670-68-6
(RR) 1155-49-3 (mono-HCl)
(SY) propoxypiperocaine
(SY) beta-piperidino-p-propoxypropiophenone
(SY) falicain
(SY) falicaine
(SY) Urocomb
(SY) beta-piperidino-4-propoxypropiophenone
(HM) *PROPIOPHENONES
(PA) ANESTHETICS, LOCAL
(NO) RN given refers to parent cpd; synonyms falicaine & Urocomb refers to HCl; structure

propiram
(RN) 15686-91-6
(RR) 52373-68-9 (fumarate[1:1](DL)-isomer)
(RR) 13717-04-9 (fumarate[1:1])
(SY) N-(1-methyl-2-piperidinoethyl)-N-(2-pyridyl) propionamide
(SY) Bay 4503
(SY) propiram fumarate
(HM) *PYRIDINES
(PA) ANALGESICS
(NO) RN given refers to parent cpd; synonym Bay 4503 refers to fumarate[1:1]; practically always used as fumarate in medicine; structure

propiram fumarate see propiram

propisamide see pronamide

propisomide
(RN) 96513-83-6
(SY) CM 7857
(SY) CM-7857
(SY) 2,2-(diisopropylamino)ethyl-4-methyl-2-(2-pyridyl)pentnamide
(HM) *PROPYLAMINES
(PA) ANTI-ARRHYTHMIA AGENTS
(NO) RN from Toxline; RN not in Chemline 8/85; structure given in first source

propiverin see mictonorm

propizamide see pronamide

proplast II
(SY) polytetrafluoroethylene-aluminum oxide
(SY) PTFE-alumina
(HM) *POLYTETRAFLUOROETHYLENE
(HM) *ALUMINUM OXIDE
(II) BIOCOMPATIBLE MATERIALS
(NO) aluminum oxide substituted for graphite in Proplast I

Proplex see prothrombin complex concentrates

propofol see disoprofol

Propotox M
(RN) 52019-49-5
(HM) *APROCARB
(HM) *METHOXYCHLOR
(PA) INSECTICIDES
(NO) contains above 2 cpds

1-propoxy-2-acetamino-4-nitrobenzene see 5'-nitro-2'-propoxyacetanilide

3-propoxy-17 beta-methoxy-1,3,5(10)-estratriene see promestriene

7-propoxycoumarin O-depropylase see 7-ethoxycoumarin O-dealkylase

2-propoxyethanol see ethylene glycol monopropyl ether

2-propoxyethyl acetate see ethylene glycol monopropyl ether acetate

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2-(2-n-propoxyphenyl)-5-(5-1H-tetrazolyl)pyrimidin-4 (3H)-one see BL-5255

propoxypiperocaine see propipocaine

2-propoxy-2-propenylidene methanaminium see K 154,028

propranolol N-aldonitrone
(RN) 84418-34-8
(SY) 3-(1-naphthoxy)-2-hydroxypropionaldehyde N-isopropylnitrone
(HM) PROPRANOLOL/*analogs
(NO) RN given refers to (E)-isomer; RN for cpd without isomeric designation not in Chemline 8/1/83; structure given in first source

propranolol glucuronide
(RN) 66322-66-5
(HM) PROPRANOLOL/*analogs

propranolol glycol
(RN) 36112-95-5
(SY) 3-(alpha-naphthoxy)-1,2-propanediol
(HM) PROPRANOLOL/*analogs
(NO) propranolol metabolite; potent anticonvulsant against strychnine induced convulsions

proprenoate potassium
(RN) 49848-01-3
(RR) 49847-97-4 (K salt)
(RR) 49847-98-5 (K salt(6beta,7beta)-isomer)
(RR) 67626-80-6 (Ca salt)
(RR) 49848-02-4 (mono-NH4 salt)
(RR) 40574-54-7 (mono-Na salt)
(SY) potassium prorenoate
(SY) SC 23992
(SY) potassium 3-(17 beta-hydroxy-6 beta,7 beta-methylene-3-oxo- 4-androstene-17 alpha-yl) propionate
(SY) prorenoate
(HM) SPIRONOLACTONE/*analogs
(PA) ALDOSTERONE/antag
(NO) RN given refers to (6 alpha,7 alpha,17 alpha)-isomer; RN for cpd without isomeric designation not in Chemline 7/22/83; structure

propressophysin see neurophysin precursors

pro-pressophysin see pro-vasopressin

Pro-Pro-Gly see prolyl-prolyl glycine

2-propylamine
(RN) 75-31-0
(RR) 15572-56-2 (HCl)
(RR) 13146-81-1 (sulfite)
(SY) isopropylamine
(HM) *PROPYLAMINES
(PA) GANGLIONIC STIMULANTS
(NO) RN given refers to parent cpd

2'-(3-(propylamino)-2-(hydroxy)propoxy)-3-phenyl-propiophenone see propafenone

d-N-propylamphetamine
(RN) 51799-32-7
(RR) 37577-16-5 ((R)-isomer)
(RR) 59366-97-1 ((+-)-isomer)
(RR) 26640-61-9 (HCl)
(RR) 59877-57-5 (HCl(+-)-isomer)
(RR) 51025-88-8 (HCl(R)-isomer)
(RR) 51025-89-9 (HCl(S)-isomer)
(RR) 37577-17-6 ((S)-isomer)
(SY) dextro-n-propylamphetamine
(HM) DEXTROAMPHETAMINE/*analogs
(NO) RN given refers to cpd without isomeric designation

4-propylanisole
(RN) 104-45-0
(SY) para-propylanisole
(HM) *ANISOLES
(II) FLAVORING AGENTS

n-propylapomorphine
(RN) 18426-20-5
(HM) APOMORPHINE/*analogs
(NO) agonist for dopamine receptor

propyl beta-carboline-3-carboxylate
(SY) PBC-3-C
(SY) beta-carboline-3-carboxylic acid propyl ester
(SY) beta-CCP
(HM) *CARBOLINES
(PA) CONVULSANTS
(NO) binds specifically to brain benzodiazepine receptors

9-propyl-beta-carboline
(RN) 21373-41-1
(RR) 22945-96-6 (HCl)
(SY) 9-propyl-9H-pyrido(3,4-b)indole
(HM) *CARBOLINES
(NO) RN given refers to parent cpd

1-propyl-4-O-beta galactopyranosyl-alpha galactopyranoside
(SY) PBGAG
(HM) *DISACCHARIDES
(NO) structure given in first source

propyl O-beta galactopyranosyl-(1-4)-O-beta galactopyranosyl-(1-4)-alpha galactopyranoside
(SY) PGGG
(HM) *TRISACCHARIDES
(NO) structure given in first source

N-n-propyl-N-n-butyl-beta-(3,4-dihydroxyphenyl) ethylamine see N-n-propyl-N-n-butyl-beta-dopamine

N-n-propyl-N-n-butyl-beta-dopamine
(RN) 71800-28-7
(RR) 57464-71-8 (HCl)
(RR) 65340-90-1 (HI)
(SY) N-n-propyl-N-n-butyl-beta-(3,4-dihydroxyphenyl) ethylamine
(HM) DOPAMINE/*analogs
(PA) CARDIOVASCULAR AGENTS
(NO) RN given refers to parent cpd

propyldazine see propildazine

(N-n-propyl-di-beta(3-hydroxyphenyl)ethylamine hydrochloride see RU 24926

trans-N-propyl-7,9-dihydroxyoctahydrobenzo(f)quinoline see Ha 117

N-propyl-7,9-dihydroxyoctahydrobenzo(f)quinoline see Ha 117

propyldihydroxyphenylacetamide see dihydroxyphenylvaleramide

2-n-propyl-3-dimethylamino-5,6-methylenedioxyindene
(RN) 66789-15-9
(RR) 72143-13-6 (HCl)
(SY) propyl-MDI
(HM) *INDENES
(PA) ANTI-ARRHYTHMIA AGENTS
(PA) CALCIUM CHANNEL BLOCKERS
(NO) affects calcium-induced arrhythmias; RN given refers to parent cpd

n-propyl disulfide
(RN) 629-19-6
(HM) *DISULFIDES
(II) OILS, VOLATILE
(NO) major flavor component of onions; non-nitrogenous, pungent volatile oil

propyldopacetamide see dihydroxyphenylvaleramide

propylene
(RN) 115-07-1
(SY) propene
(HM) *ALKENES
(NO) structure

propylenebis(dithiocarbamato)zinc see propineb

N,N'-propylenebis(nicotinamide) see 1,2-bis(nicotinamido)propane

propylene carbonate
(RN) 108-32-7
(SY) cyclic propylene carbonate
(HM) *CARBONATES

propylenediamine platinum dichloride see platinum propylenediamine dichloride

propylene dichloride
(RN) 78-87-5
(SY) 1,2-dichloropropane
(HM) PROPANE/*analogs
(NO) Russian drug; structure

propylene glycol
(RN) 57-55-6
(RR) 4254-14-2 ((R)-isomer)
(RR) 4254-15-3 ((S)-isomer)
(RR) 4254-16-4 ((+-)-isomer)
(RR) 63180-48-3 (monohydrate)
(RR) 58858-91-6 (Na salt)
(SY) 1,2-propanediol
(HM) *PROPANEDIOLS
(PA) ANTI-INFLAMMATORY AGENTS
(NO) RN given refers to cpd without isomeric designation; structure

propylene glycol alginate ester
(RN) 9005-37-2
(SY) PGAE
(HM) *ALGINATES
(II) IMMUNOADSORBENTS
(NO) used to coat potential column supports for the preparation of water-insoluble immunoadsorbents

propylene glycol dinitrate
(RN) 72055-62-0
(SY) propylene glycol 1,2-dinitrate
(SY) 1,2-PGDN
(SY) 1,2-propanediol dinitrate
(HM) *PROPANEDIOLS
(NO) major volatile constituent of Otto Fuel II liquid propellant that causes vasodilation, lowered blood pressure, methemoglobin formation; monoamine oxidase inhibitor

propylene glycol 1,2-dinitrate see propylene glycol dinitrate

propylene glycol methyl ether
(RN) 1320-67-8
(SY) propylene glycol monomethyl ether
(HM) *PROPANEDIOLS
(NO) RN given refers to unspecified methoxypropanol; structure

propylene glycol monomethyl ether see propylene glycol methyl ether

propylene oxide
(RN) 75-56-9
(SY) 1,2-epoxypropane
(SY) propene oxide
(HM) *EPOXY COMPOUNDS
(NO) structure

propylenethiourea
(RN) 2055-46-1
(HM) THIOUREA/*analogs
(PA) TERATOGENS
(PA) FUNGICIDES, INDUSTRIAL
(PA) THYROID ANTAGONISTS

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propyl ether
(RN) 111-43-3
(HM) *ETHERS

S-(propyl)glutathione
(RN) 24425-53-4
(SY) S-(2-propyl)glutathione
(HM) GLUTATHIONE/*analogs

S-(2-propyl)glutathione see S-(propyl)glutathione

propylguanidine
(RN) 462-25-9
(RR) 23483-93-4 (sulfate[2:1])
(RR) 19341-55-0 (mono-HCl)
(SY) N-propylguanidinium
(HM) *GUANIDINES
(NO) side chain of arginine; RN given refers to parent cpd

N-propylguanidinium see propylguanidine

propyl p-hydroxybenzoate see propylparaben

propyl 4-hydroxybenzoate see propylparaben

4-propyl-7-hydroxy-1,2,3,4a,5,6-hexahydronaphthoxazine
(SY) 7-PHHNO
(SY) N 0499
(SY) N-0499
(HM) *OXAZINES
(PA) DOPAMINE/antag
(NO) structure given in first source

4-propyl-9-hydroxy-1,2,3,4a,5,6-hexahydronaphthoxazine
(SY) PHNO
(SY) 1,2,3,4a,5,6-hexahydro-9-hydroxy-4-n-propyl-4H-naphth(1,2-b)(1,4)oxazine
(SY) N 0500
(SY) N-0500
(SY) 4-propyl-9-hydroxynaphthoxazine
(HM) *OXAZINES
(PA) DOPAMINE/antag
(NO) structure given in first source

4-propyl-9-hydroxynaphthoxazine see 4-propyl-9-hydroxy-1,2,3,4a,5,6-hexahydronaphthoxazine

N-n-propyl-7-hydroxyoctahydrobenzo(f) quinoline
(RN) 87533-97-9
(SY) trans-7-OBQ
(SY) cis-7-OBQ
(SY) CS-263
(SY) CS-265
(HM) *HYDROXYQUINOLINES
(NO) structure given in first source

n-N-propyl-3(N-hydroxyphenyl)piperidine see n-N-propyl-3-(3-hydroxyphenyl)piperidine

n-N-propyl-3-(3-hydroxyphenyl) piperidine
(RN) 75240-91-4
(SY) 3-PPP
(SY) 3-(3-hydroxyphenyl)-N-n-propylpiperidine
(SY) n-N-propyl-3(N-hydroxyphenyl)piperidine
(HM) *PIPERIDINES
(PA) ANTIPARKINSON AGENTS
(NO) centrally acting dopamine receptor agonist with selectivity for autoreceptors

(24E)-24-N-propylidenecholesterol see fucosterol

propyl isocyanide
(RN) 627-36-1
(HM) *NITRILES

propylisopropylacetamide
(RN) 6098-19-7
(SY) 2-isopropylvaleramide
(HM) *ALLYLISOPROPYLACETAMIDE/analogs
(NO) structure

propyl-MDI see 2-n-propyl-3-dimethylamino-5,6-methylenedioxyindene

17-propylmesterolone
(RN) 79243-67-7
(SY) 17 beta-hydroxy-1 alpha-methyl-17 alpha-propyl-5 alpha-androstan-3-one
(SY) HMPAO
(SY) 17-hydroxy-1-methyl-17-propyl-5-androstan-3-one
(SY) 17 alpha-propylmesterolone
(SY) SH 434
(SY) SH-434
(HM) MESTEROLONE/*analogs
(NO) under investigation as a topical anti-androgen for treatment of acne & seborrhea

1-propyl-3-methyl-7-(5-hydroxyhexyl)xanthine see HWA 153

propyl-N'-nitro-N-nitrosoguanidine
(RN) 13010-07-6
(SY) PNNG
(HM) METHYLNITRONITROSOGUANIDINE/*analogs

propylnitrosourea
(RN) 816-57-9
(SY) 1-propyl-1-nitrosourea
(SY) N-nitroso-N-propylurea
(HM) *NITROSOUREA COMPOUNDS
(PA) MUTAGENS
(PA) CARCINOGENS

1-propyl-1-nitrosourea see propylnitrosourea

N-propyl-N-nitrosourethane
(RN) 19935-86-5
(HM) NITROSOMETHYLURETHANE/*analogs

N-propylnoradrenochrome monosemicarbazone see divascan

propylnorantifein
(RN) 3304-78-7
(SY) propylnorantiphein
(HM) *ETIMIZOL/analogs

propylnorantiphein see propylnorantifein

propyl-norapomorphine see N-n-propylnorapomorphine

N-propylnorapomorphine see N-n-propylnorapomorphine

N-n-propylnorapomorphine
(RN) 58479-52-0
(RR) 18426-20-5 ((R)-isomer)
(RR) 57559-68-9 ((+-)-isomer)
(RR) 20382-71-2 (HCl(R)-isomer)
(RR) 41649-44-9 (HCl(+-)-isomer)
(RR) 40285-06-1 (HI(+-)-isomer)
(SY) N-propylnorapomorphine
(SY) 6-propylnorapomorphine
(SY) propyl-norapomorphine
(HM) APOMORPHINE/*analogs
(PA) ANTIPARKINSON AGENTS
(NO) dopamine agonist; RN given refers to cpd without isomeric designation; structure

6-propylnorapomorphine see N-n-propylnorapomorphine

N-n-propylnorisoapocodeine
(SY) PNAIC
(HM) APOMORPHINE/*analogs
(NO) structure given in first source

N-propyl-9-oxaergoline see RU 29717

propylparaben
(RN) 94-13-3
(RR) 35285-69-9 (mono-Na salt)
(RR) 37870-43-2 (cpd with hydroxy group locant in position 3(or 4))
(SY) PEPH
(SY) Bayer D 206
(SY) p-hydroxybenzoic acid propyl ester
(SY) propyl p-hydroxybenzoate
(SY) nipazol
(SY) 4-hydroxybenzoic acid propyl ester
(SY) propyl 4-hydroxybenzoate
(HM) *PARABENS
(II) SURGICAL MESH
(NO) RN given refers to cpd with hydroxy group locant in position 4; structure

2-propyl-2-pentenoic acid
(RN) 60218-41-9
(SY) 2-envalproic acid
(HM) *FATTY ACIDS, UNSATURATED
(PA) ANTICONVULSANTS
(NO) valproate metabolite

2-propyl-4-pentenoic acid
(RN) 1575-72-0
(HM) *FATTY ACIDS, UNSATURATED
(NO) putative toxic metabolite of valproic acid

N-3'a-propylphenazonyl-2-acetoxybenzamide
(SY) aspirin-isopropylantipyrine
(SY) ASP-IPAP
(HM) ASPIRIN/*analogs
(HM) ANTIPYRINE/*analogs
(PA) ANALGESICS, ANTI-INFLAMMATORY
(PA) ANTIPYRETICS
(NO) aspirin derivative with little gastric ulcerogenic activity

2-(N-propyl-N-phenethylamino)-5-hydroxytetralin see N 0434

N-n-propyl-N-phenylethyl-p(3-hydroxyphenyl)ethylamine hydrochloride see RU 24213

N-n-propyl-N-phenylethyl-4(3-hydroxyphenyl)ethylamine hydrochloride see RU 24213

N-propyl-4-phenyl-1,2,3,6-tetrahydropyridine
(SY) PPTP
(HM) *PYRIDINES
(NO) structure given in first source

9-propyl-9H-pyrido(3,4-b)indole see 9-propyl-beta-carboline

n-propyl 2-pyridyl disulfide
(RN) 50681-90-5
(HM) *PYRIDINES

17-propyltestosterone see topterone

2-n-propyl-4-p-tolylamino-1,2,3-benzotriazinium iodide see 2-n-propyl-4-4-tolylamino-1,2,3-benzotriazinium

2-n-propyl-4-4-tolylamino-1,2,3-benzotriazinium iodide see 2-n-propyl-4-4-tolylamino-1,2,3-benzotriazinium

2-n-propyl-4-4-tolylamino-1,2,3-benzotriazinium
(RN) 49840-16-6
(SY) TnPBI
(SY) 2-n-propyl-4-p-tolylamino-1,2,3-benzotriazinium iodide
(SY) 2-n-propyl-4-4-tolylamino-1,2,3-benzotriazinium iodide
(HM) *TRIAZINES
(NO) potential antiarrhythmia agent

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N-propyl-N-(2-(2,4,6-trichlorophenoxy)ethyl)-1H- imidazole see prochloraz

propylurea
(RN) 627-06-5
(HM) UREA/*analogs

3-propylxanthine see enprofylline

propyne see methylacetylene

propynol B 400 see propinol B 400

20-(1-propynyl)-5-pregnen-3,20-diol
(RN) 86562-07-4
(SY) 20-PP-diol
(HM) PREGNENOLONE/*analogs
(PA) CYTOCHROME P-450/antag
(NO) acetylenic steroid mechanism-based inhibitor of cytochrome P-450 cholesterol side chain cleavage; structure given in first source

propyphenazone
(RN) 479-92-5
(SY) 4-isopropylantipyrine
(SY) 4-isopropyl-2,3-dimethyl-1-phenyl-3-pyrazoline-5-one
(SY) isopropylphenazone
(HM) ANTIPYRINE/*analogs
(PA) ANALGESICS, ANTI-INFLAMMATORY
(NO) structure

propyzamide see pronamide

proquazone
(RN) 22760-18-5
(SY) RU 43-715
(SY) Biarison
(SY) 1-isopropyl-4-phenyl-7-methyl-2-(1H)-quinazoline
(HM) *QUINAZOLINES
(PA) ANTI-INFLAMMATORY AGENTS
(PA) ANALGESICS
(PA) PROSTAGLANDIN SYNTHASE/antag
(NO) nonsteroid anti-inflammatory agent; structure

prorelaxin
(RN) 87004-01-1
(HM) *RELAXIN
(HM) *PROTEIN PRECURSORS

prorenin
(RN) EC 3.4.99.-
(SY) cryorenin
(SY) big renin
(SY) inactive renin
(HM) *RENIN
(HM) *ENZYME PRECURSORS
(II) COLD
(NO) inactive form of renin in plasma converted to renin during storage at temp -5 degrees to +4 degrees C (cryoactivation); can also be activated by acids or trypsin; greater MW(63,000 vs 43,000) but same enzymatic & immunologic properties; EC 3.4.99.19

prorennin
(RN) EC 3.4.23.-
(SY) chymosinogen
(SY) renninogen
(SY) prochymosin
(HM) *RENNIN
(HM) *ENZYME PRECURSORS

prorenoate see proprenoate potassium

prorenone
(RN) 49848-04-6
(RR) 40574-52-5 ((6alpha,7alpha,17alpha)-isomer)
(SY) 3-(17 oeta-hydroxy-6 beta,7 beta-methylene-3-oxo-4- androsten-17 alpha-yl)propionic acid gamma-lactone
(SY) SC 23133
(SY) SC-23133
(HM) SPIRONOLACTONE/*analogs
(PA) ALDOSTERONE/antag
(NO) RN given refers to (6 beta,7 beta,17 beta)-isomer; RN for cpd without isomeric designation not i : Chemline 7/22/83

proresid see mitopodozide

proroxan
(RN) 33743-96-3
(RR) 33025-33-1 (HCl)
(SY) omega-(3'-phenyl-1'-pyrrolidinyl)-6-propionylbenzo(1,4)dioxan
(SY) piroxan
(SY) pirroxan
(SY) pirroksan
(SY) pyrroxan
(SY) pyroxan
(HM) *DIOXANES
(PA) ADRENERGIC ALPHA RECEPTOR BLOCKADERS
(NO) Russian drug; RN given refers to parent cpd; structure

prosapogenin
(RN) 50647-08-0
(RR) 38971-41-4 (prosapogenin D3)
(RR) 19057-67-1 (prosapogenin A or D'1)
(HM) *SAPONINS
(NO) RN given refers to cpd with unknown MF

proscillaridin 4'-methyl ether see meproscillarin

prosomatostatin
(RN) 74315-46-1
(SY) somatostatin Mr 15,000
(HM) *PROTEIN PRECURSORS
(HM) *SOMATOSTATIN
(NO) see also preprosomatostatins: 75037-28-4

prosplen
(HM) *TISSUE EXTRACTS
(II) SPLEEN
(NO) lyophilized fresh spleen, free from: histamine, choline, protein & lipoids for alleviating symptoms associated with allergies & polycythemia

prostacyclin isomerase
(RN) EC 5.-
(SY) PGI isomerase
(HM) *ISOMERASES
(NO) no information given on mechanism 3/83

prostacyclin receptor
(SY) receptor, prostacyclin
(SY) prostacyclin receptors
(SY) prostaglandins X receptors
(SY) PGI2 receptor
(HM) *RECEPTORS, PROSTAGLANDIN
(II) PROSTAGLANDINS X

prostacyclin receptors see prostacyclin receptor

prostacyclin synthase see prostacyclin synthetase

prostacyclin synthetase
(RN) 65802-86-0
(SY) prostacyclin synthase
(SY) PGI2 synthetase
(SY) PGI2 synthase
(HM) PROSTAGLANDINS X/*biosyn
(NO) converts endoperoxides to prostacyclin

prostaglandin E1-alpha-cyclodextrin
(SY) PGE1-CD
(HM) *CYCLODEXTRINS
(HM) ALPROSTADIL/*analogs
(NO) complex of alpha-cyclodextrin and PGE1; used in treatment of serum sickness

prostaglandin E2alpha see prostaglandin E2

prostaglandin F1alpha see prostaglandin F1

prostaglandin F2alpha see prostaglandin F2

prostaglandin F2alpha 15-methyl ether
(RN) 40834-96-6
(SY) 15-methoxyprostaglandin F2alpha
(SY) PGF2alpha 15-methyl ether
(SY) O-15-methylprostaglandin F2alpha ether
(HM) *PROSTAGLANDINS F, SYNTHETIC
(NO) retains considerable biological activity

prostaglandin F2alpha receptor
(SY) receptor, prostaglandin F2alpha
(SY) prostaglandin F2alpha receptors
(SY) PGF2alpha receptor
(SY) receptor, PGF2alpha
(SY) PGF2alpha receptors
(HM) *RECEPTORS, PROSTAGLANDIN
(II) PROSTAGLANDINS F

prostaglandin F2alpha receptors see prostaglandin F2alpha receptor

prostaglandin F2alpha tromethamine see dinoprost tromethamine

prostaglandin A1
(RN) 14152-28-4
(RR) 53022-26-7 ((13E,15R)-(+-)-isomer)
(RR) 20897-94-3 ((8beta,12alpha,13E,15S)-isomer)
(RR) 20897-92-1 ((13E,15R)-isomer)
(RR) 20348-61-2 ((13E,15S)-(+-)-isomer)
(SY) PGA1
(HM) *PROSTAGLANDINS A
(NO) RN given refers to (13E,15S)-isomer; RN for cpd without isomeric designation not in Chemline 7/22/83

prostaglandin A2
(RN) 13345-50-1
(SY) PGA2
(SY) Medullin
(HM) *PROSTAGLANDINS A
(NO) RN given refers to (5Z,13E,15S)-isomer; RN in Chemline for (5Z,13E,15R)-isomer: 23602-72-4; RN for cpd without isomeric designation not in Chemline 7/16/82

prostaglandin F1 beta see prostaglandin F1beta

prostaglandin F1beta
(RN) 10164-73-5
(RR) 62960-89-8 ((8beta,9beta,11beta,12alpha,13E,15R)-isomer)
(RR) 10164-73-5 ((9beta,11alpha,13E,15S)-isomer)
(SY) PGF1beta
(SY) prostaglandin F1 beta
(HM) *PROSTAGLANDINS F
(PA) *ABORTIFACIENT AGENTS, NON-STEROIDAL
(NO) RN given refers to (9 beta,11 alpha,13E,15S)-isomer; RN for cpd without isomeric designation not in Chemline 7/22/83

prostaglandin F2beta
(RN) 4510-16-1
(RR) 58717-39-8 ((5Z,9beta,11beta,13E,15S)-isomer)
(RR) 51830-21-8 ((5Z,9beta,11beta,13E,15R)-isomer)
(RR) 42586-88-9 ((5Z,8beta,9beta,11alpha,12alpha,13E,15S)-isomer)
(SY) PGF2beta
(HM) *PROSTAGLANDINS F
(NO) RN given refers to (5Z,9 beta,11 alpha,13E,15S)-isomer

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prostaglandin Bx
(RN) 39306-29-1
(SY) PGBx
(SY) poly 15-keto-PGB1
(SY) polymeric 15-keto-PGB1
(SY) poly 15-ketoprostaglandin B1
(HM) *PROSTAGLANDINS B
(HM) *POLYMERS
(II) PROSTAGLANDINS, SYNTHETIC
(NO) polymeric deriv of diketo-PGB1; mean MW 2,200

prostaglandin B1
(RN) 13345-51-2
(SY) PGB1
(HM) *PROSTAGLANDINS B

prostaglandin B2
(RN) 13367-85-6
(SY) PGB2
(HM) *PROSTAGLANDINS B
(NO) RN given refers to (5Z,13E,15S)-isomer; RN for cpd without isomeric designation not in Chemline 8/84

prostaglandin D 15-dehydrogenase (NADP+)
(RN) EC 1.1.1.196
(SY) PGD2 dehydrogenase
(SY) 15-hydroxy-PGD dehydrogenase
(HM) *HYDROXYPROSTAGLANDIN DEHYDROGENASES
(NO) specific for prostaglandins D

prostaglandin delta 13 reductase
(RN) EC 1.3.1.-
(SY) delta 13 reductase
(HM) *OXIDOREDUCTASES

prostaglandin D-M see 9 alpha-hydroxy-11,15-dioxo-2,3,18,19-tetranorprost-5-ene-1,20-dioic acid

prostaglandin D2
(RN) 41598-07-6
(RR) 59894-05-2 ((5Z,9alpha,13E,15R)-isomer)
(RR) 69662-76-6 (Na salt(5Z,9alpha,13E,15S)-isomer)
(RR) 69779-97-1 ((5Z,9alpha,13E,15R)-(+-)-isomer)
(SY) 11-dehydroprostaglandin F2alpha
(SY) PGD2
(HM) *PROSTAGLANDINS D
(NO) RN given refers to (5Z,9 alpha,13E,15S)-isomer; RN for cpd without isomeric designation not in Chemline 7/22/83

prostaglandin D3
(RN) 71902-47-1
(SY) PGD3
(HM) *PROSTAGLANDINS D
(II) PROSTAGLANDINS, SYNTHETIC
(NO) has effect on neural transmission

prostaglandin endoperoxide D-isomerase see prostaglandin R2 D-isomerase

prostaglandin endoperoxide E isomerase see prostaglandin R2 E-isomerase

prostaglandin F2 ethyl ester
(RN) 53764-89-9
(SY) PGF2alpha ethyl ester
(SY) dinoprost ethyl ester
(HM) *PROSTAGLANDINS F, SYNTHETIC
(NO) has ocular hypotensive effect; RN given refers to (5Z,9alpha,11alpha,13E,15S)-isomer; RN for cpd without isomeric designation not in Chemline 6/84

prostaglandin E2
(RN) 363-24-6
(RR) 65883-36-5 (3H-labeled cpd (5Z,11alpha,13E,15S)-isomer)
(RR) 38873-82-4 ((5Z,11alpha,13E,15R)-isomer)
(RR) 38310-90-6 ((5Z,11beta,13E,15S)-isomer)
(RR) 37785-90-3 ((5Z,11beta,13E,15R)-isomer)
(RR) 36150-00-2 ((5E,11alpha,13E,15S)-isomer)
(RR) 22230-04-2 ((5Z,11alpha,13E,15S)-(+-)-isomer)
(RR) 53697-17-9 (Na salt(5Z,11alpha,13E,15S)-isomer)
(SY) PGE2
(SY) PGE2alpha
(SY) prostaglandin E2alpha
(SY) Dinoprostone
(SY) prostin E2
(SY) prostenon
(HM) *PROSTAGLANDINS E
(II) PROSTAGLANDINS E, SYNTHETIC
(NO) was EN to PROSTAGLANDINS E (75-81); RN given refers to (5Z,11 alpha,13E,15S)-isomer; RN for cpd without isomeric designation not in Chemline 7/22/83

prostaglandin E3
(RN) 802-31-3
(SY) PGE3
(HM) *PROSTAGLANDINS E

prostaglandin F1
(RN) 745-62-0
(RR) 37818-61-4 ((9alpha,11beta,13E,15S)-isomer)
(RR) 26771-96-0 ((8beta,9alpha,11alpha,13E,15S)-isomer)
(RR) 21562-54-9 ((9alpha,11alpha,13E,15R)-isomer)
(RR) 17066-90-9 ((9alpha,11alpha,13E,15S)-(+-)-isomer)
(SY) prostaglandin F1aipha
(SY) PGF1
(SY) PGF1alpha
(SY) PGF1 alpha
(HM) *PROSTAGLANDINS F
(NO) was EN to PROSTAGLANDINS F (75-81); RN given refers to (9 alpha,11 alpha,13E,15S)-isomer; RN for cpd without isomeric designation not in Chemline 7/22/83

prostaglandin F2
(RN) 551-11-1
(RR) 58581-22-9 (Na salt(5Z,9alpha,11alpha,13E,15S)-isomer)
(RR) 51830-20-7 ((5Z,9alpha,11beta,13E,15R)-isomer)
(RR) 51262-67-0 ((5Z,8beta,9alpha,11alpha,12alpha,13E,15S)-isomer)
(RR) 39762-37-3 ((5Z,9alpha,11alpha,13E,15R)-(+-)-isomer)
(RR) 38432-87-0 ((5Z,9alpha,11beta,13E,15S)-isomer)
(RR) 37658-84-7 ((5Z,9alpha,11alpha,13E,15R)-isomer)
(RR) 36150-01-3 ((5E,9alpha,11alpha,13E,15S)-isomer)
(RR) 27415-26-5 ((5Z,8beta,9alpha,11alpha,13E,15S)-isomer)
(RR) 23518-25-4 ((5Z,9alpha,11alpha,13E,15S)-(+-)-isomer)
(SY) PGF2
(SY) PGF2alpha
(SY) Dinoprost
(SY) prostaglandin F2alpha
(SY) enzaprost F
(SY) PGF2 alpha
(HM) *PROSTAGLANDINS F
(NO) was EN to PROSTAGLANDINS F (75-81); RN given refers to (5Z,9 alpha,11 alpha,13E,15S)-isomer; RN for cpd without isomeric designation not in Chemline 7/22/83

prostaglandin-generating factor of anaphylaxis
(SY) PGGFA
(HM) *OLIGOPEPTIDES
(NO) oligopeptide released from human lung parenchymal tissue during anaphylaxis

prostaglandin G2
(RN) 51982-36-6
(SY) PGG2
(SY) PGG(2)
(HM) *PROSTAGLANDINS G

prostaglandin E1-hexyl-sepharose
(SY) PGE1-hexyl-agarose
(HM) ALPROSTADIL/*analogs
(II) PROSTAGLANDINS E, SYNTHETIC

prostaglandin hydroperoxidase
(RN) EC 1.11.-
(SY) PG-hydroperoxidase
(HM) *PEROXIDASES

prostaglandin-9-hydroxydehdrogenase see 9-hydroxyprostaglandin dehydrogenase

prostaglandin-15-hydroxydehydrogenase see 15-hydroxyprostaglandin dehydrogenase

prostaglandin A1 hydroxylase see prostaglandin omega hydroxylases

prostaglandin 19-hydroxylase see prostaglandin omega hydroxylases

prostaglandin 20-hydroxylase see prostaglandin omega hydroxylases

prostaglandin H2
(RN) 42935-17-1
(SY) (15S)hydroxy-9alpha,11alpha-(epoxymethano) prosta-5,13-dienoic acid
(SY) 9,11-epoxymethano-PGH2
(SY) PGH(2)
(SY) PGH2
(HM) *PROSTAGLANDIN ENDOPEROXIDES, SYNTHETIC
(HM) *PROSTAGLANDINS H
(NO) do not confuse with 11,9-epoxymethano cpd

prostaglandin D2 isomerase see prostaglandin R2 D-isomerase

prostaglandin D2-isomerase see prostaglandin R2 D-isomerase

prostaglandin E isomerase see prostaglandin R2 E-isomerase

prostaglandin E2 isomerase see prostaglandin R2 E-isomerase

prostaglandin H2 D-isomerase see prostaglandin R2 D-isomerase

prostaglandin H2 E-isomerase see prostaglandin R2 E-isomerase

prostaglandin R2 D-isomerase
(RN) EC 5.3.99.2
(RR) 52227-78-8 (CRN)
(SY) prostaglandin endoperoxide D-isomerase
(SY) prostaglandin H2 D-isomerase
(SY) PGD2 isomerase
(SY) prostaglandin D2-isomerase
(SY) prostaglandin D2 isomerase
(HM) *ISOMERASES

prostaglandin R2 E-isomerase
(RN) EC 5.3.99.3
(RR) 52227-79-9 (CRN)
(SY) prostaglandin E isomerase
(SY) endoperoxide isomerase
(SY) prostaglandin endoperoxide E isomerase
(SY) prostaglandin H2 E-isomerase
(SY) PGE2 isomerase
(SY) prostaglandin E2 isomerase
(HM) *ISOMERASES
(NO) converts PGH to PGE; part of prostaglandin synthase complex

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prostaglandin F2 isopropyl ester
(RN) 53764-90-2
(SY) PGF2alpha isopropyl ester
(SY) dinoprost isopropyl ester
(HM) *PROSTAGLANDINS F, SYNTHETIC
(NO) has ocular hypotensive effect

prostaglandin I3
(RN) 68794-57-0
(SY) PGI3
(HM) *PROSTAGLANDINS X

prostaglandin D2 11-keto reductase
(RN) EC 1.1.1.-
(SY) PGD2 11-keto reductase
(SY) PGF synthetase
(HM) *HYDROXYPROSTAGLANDIN DEHYDROGENASES
(NO) catalyzes conversion of PGD2 to PGF2alpha; also converts PGH2 to PGF2alpha

prostaglandin F-main urinary metabolite
(SY) PGF-MUM
(SY) 5,7-dihydroxy-11-keto-tetranorprosta-1,16-dioic acid
(SY) PGF-main urinary metabolite
(SY) 5 alpha,7 alpha-dihydroxy-11-ketotetranorprostane 1,16-dioic acid
(SY) PGF2alpha UM
(HM) *PROSTANOIC ACIDS
(NO) urinary metabolite of PGF2alpha in rats

prostaglandin E2 methyl ester
(RN) 31753-17-0
(RR) 53275-57-3 ((5Z,8beta,11beta,12alpha,13E,15R)-isomer)
(RR) 53275-58-2 ((5Z,8beta,11alpha,12alpha,13E,15R)-isomer)
(RR) 53275-46-0 ((5Z,8beta,11alpha,12alpha,13E,15S)-isomer)
(RR) 39645-55-1 ((5Z,8beta,11beta,12alpha,13E,15S)-isomer)
(RR) 38873-84-6 ((5Z,11alpha,13E,15R)-isomer)
(SY) PGE2 methyl ester
(HM) *PROSTAGLANDINS E, SYNTHETIC
(NO) RN given refers to (5Z,11alpha,13E,15S)-isomer; RN for cpd without isomeric designation not in Chemline 6/84

prostaglandin F2 methyl ester
(RN) 33854-16-9
(RR) 58407-22-0 ((5Z,9alpha,11beta,13E,15S)-isomer)
(RR) 53276-25-8 ((5Z,8beta,9beta,11beta,12alpha,13E,15R)-isomer)
(RR) 53275-58-4 ((5Z,8beta,9alpha,11beta,12alpha,13E,15S)-isomer)
(RR) 53275-52-8 ((5Z,8beta,9beta,11alpha,12alpha,13E,15R)-isomer)
(RR) 53275-51-7 ((5Z,8beta,9alpha,11alpha,12alpha,13E,15R)-isomer)
(RR) 53275-50-6 ((5Z,8beta,9beta,11alpha,12alpha,13E,15S)-isomer)
(RR) 42586-87-8 ((5Z,8beta,9alpha,11alpha,12alpha,13E,15S)-isomer)
(RR) 39645-54-0 ((5Z,8beta,9beta,11beta,12alpha,13E,15S)-isomer)
(RR) 37107-45-2 ((5Z,8beta,9alpha,11beta,12alpha,13E,15R)-isomer)
(SY) PGF2alpha methyl ester
(SY) dinoprost methyl ester
(HM) *PROSTAGLANDINS F, SYNTHETIC
(NO) has ocular hypotensive effect; RN given refers to (5Z,9alpha,11alpha,13E,15S)-isomer; RN for cpd without isomeric designation not in Chemline 6/84

prostaglandin H2 methyl ester
(RN) 63942-75-6
(SY) PGH2 methyl ester
(HM) *PROSTAGLANDINS H
(HM) *PROSTAGLANDIN ENDOPEROXIDES, SYNTHETIC

prostaglandin I2 methyl ester
(RN) 61799-74-4
(SY) PGI2 methyl ester
(HM) *PROSTAGLANDINS X
(NO) RN given refers to (5Z,9alpha,11alpha,13E,15S)-isomer; RN for cpd without isomeric designation not in Chemline 8/83

prostaglandin omega hydroxylases
(RN) EC 1.14.13.-
(SY) prostaglandin 20-hydroxylase
(SY) prostaglandin 19-hydroxylase
(SY) PGA1 hydroxylase
(SY) prostaglandin A1 hydroxylase
(HM) *HYDROXYLASES

prostaglandin E2-9-oxoreductase see 9-hydroxyprostaglandin dehydrogenase

prostaglandin D2 receptor
(SY) PGD2 receptor
(SY) prostaglandin D2 receptors
(SY) receptor, prostaglandin D2
(HM) *RECEPTORS, PROSTAGLANDIN

prostaglandin H2 receptor
(SY) receptor, prostaglandin H2
(SY) PGH2 receptors
(HM) *RECEPTORS, PROSTAGLANDIN
(II) PROSTAGLANDINS H

prostaglandin D2 receptors see prostaglandin D2 receptor

prostaglandins E receptor
(SY) PGE receptor
(SY) receptor, prostaglandins E
(SY) prostaglandins E receptors
(SY) PGE2 receptor
(SY) receptor, PGE2
(SY) PGE2 receptors
(SY) PGE1 receptor
(HM) *RECEPTORS, PROSTAGLANDIN
(II) PROSTAGLANDINS E

prostaglandins E receptors see prostaglandins E receptor

prostaglandins X receptors see prostacyclin receptor

prostaglandin synthase inhibitor, endogenous
(SY) EIPS
(SY) endogenous prostaglandin synthase inhibitor
(SY) endogenous prostaglandin synthesis inhibitor
(HM) PROSTAGLANDIN SYNTHASE/*antag
(NO) found in plasma; no other information available 7/1/81

prostalene
(RN) 54120-61-5
(SY) RS 9390
(SY) Synchrocept
(SY) dl-9-alpha,11 alpha,15 beta-trihydroxy-15 alpha-methylprosta-4,5,13-(trans)-trienoic acid methyl ester
(HM) *CARBOPROST/analogs
(NO) analog of prostaglandin F2 alpha; structure

prostate alpha-protein see prostatic binding protein

prostate cancer specific antigen see prostate cancer specific antigens

prostate cancer specific antigens
(SY) prostatic-tumor specific antigen
(SY) prostate-specific antigen
(SY) KR-P8 antigen
(SY) prostate cancer specific antigen
(HM) *ANTIGENS, NEOPLASM
(II) PROSTATIC NEOPLASMS
(NO) glycoprotein MW 34K, marker for prostate cancer

prostatein see prostatic binding protein

prostate-specific antigen see prostate cancer specific antigens

prostatic-binding protein see prostatic binding protein

prostatic binding protein
(SY) prostatein
(SY) prostate alpha-protein
(SY) prostatic steroid-binding protein
(SY) prostatic-binding protein
(HM) *ANDROGEN-BINDING PROTEINS
(NO) from prostatic cytosol, binds non-polar steroids; major androgen-dependent protein in rat ventral prostate; consider androgen binding protein

prostatic dorsal proteins see dorsal proteins

prostatic secretion protein
(SY) estramustine-binding protein
(SY) EMBP
(HM) *CARRIER PROTEINS
(II) PROSTATE
(II) ESTRAMUSTINE
(NO) androgen-sensitive protein in rat ventral prostate

prostatic steroid-binding protein see prostatic binding protein

prostatic-tumor specific antigen see prostate cancer specific antigens

prostenoglycine see stepronin

prostenoic acids
(HM) *FATTY ACIDS, UNSATURATED
(NO) carbon-20 cyclic unsaturated fatty acids; the parent cpds of some unsaturated prostaglandins; minor descriptor (75-84); on-line & Index Medicus search FATTY ACIDS, UNSATURATED (75-84)

prostenon see prostaglandin E2

prostin E2 see prostaglandin E2

prosultiamine
(RN) 59-58-5
(RR) 973-99-9 (HCl)
(SY) thiamine propyl disulfide
(SY) thiamine propyldisulphide
(SY) thiamine propyldisulfide
(SY) thiaminepropyldisulfide
(HM) THIAMINE/*analogs
(NO) RN given refers to parent cpd; structure

protacine
(RN) 59209-40-4
(SY) proglumetacin
(HM) *INDOLEACETIC ACIDS
(PA) ANTI-INFLAMMATORY AGENTS

protamidase see carboxypeptidase B

protamine heparin aggregate
(SY) PRHEA
(HM) *PROTAMINES
(HM) *HEPARIN
(NO) formed in the lamina rara externa of the glomerular basement membrane after infusion of protamine & heparin; used to investigate the clearance mechanism

protamine kinase
(RN) EC 2.7.1.-
(HM) *PROTEIN KINASES

protamine P1
(SY) human sperm protamine P1
(HM) *PROTAMINES
(NO) amino acid sequence given in first source

protamone
(RN) 9005-97-4
(SY) thyroprotein
(SY) iodinated casein
(SY) thyroactive protein
(SY) thyroactive casein
(SY) thyroactive iodinated casein
(SY) iodocasein
(HM) *IODOPROTEINS
(HM) *CASEINS
(II) THYROID GLAND/drug eff

protargol see strong silver protein

Protasul-64WF alloy see titanium alloy (TiAl6V4)

protease A see Penicillium janthinellum carboxyl proteinase

protease-activated kinase II
(RN) EC 2.7.1.-
(HM) *PROTEIN KINASES
(NO) cyclic nucleotide independent; incorporates up to 4 phosphates into ribosomal protein S6; phosphorylates initiation factor 2

protease Do
(RN) EC 3.4.21.-
(SY) E coli serine protease Do
(HM) *PEPTIDE PEPTIDOHYDROLASES

protease II see Staphylococcus aureus neutral proteinase

protease IV
(RN) EC 3.4.99.-
(HM) *PEPTIDE HYDROLASES
(NO) from E coli outer membranes

protease K see Tritirachium alkaline proteinase

protease La
(RN) EC 3.4.21.-
(SY) lon gene product
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) ATP-dependent serine protease from E.coli; also acts an ATPase

protease N
(RN) EC 3.4.21.-
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) from Limulus amebocyte lysate; serine protease which acts on Factor Xa & thrombin substrate; not active on substrates cleaved by plasmin, kallikreins or urokinase

protease-nexin
(SY) carrier protein nexin
(SY) nexins
(SY) proteinase-nexin
(HM) *CARRIER PROTEINS
(PA) PROTEASE INHIBITORS
(NO) component of normal human fibroblasts that forms covalent linkage with thrombin & urokinase; mediates most of the specific cellular binding of these cpds; it is not a protease

protease p15
(RN) EC 3.4.-
(HM) *PEPTIDE HYDROLASES
(NO) from retrovirus

protease S
(RN) EC 3.4.99.-
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) similar to chymotrypsin in specificity; released on thermal injury to rat skin

protease So
(RN) EC 3.4.21.-
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) serine protease from E coli

protease A (submandibular) see tissue kallikrein

protease D (submandibular) see epidermal growth factor receptor

protease V8 see Staphylococcus V-8 protease

O protein
(SY) bacteriophage lambda protein O
(HM) *VIRAL PROTEINS
(II) PHAGE LAMBDA
(II) VIRUS REPLICATION
(NO) from replication gene of bacteriophage lambda; MW in SDS gels is about 33,000

P protein
(SY) bacteriophage lambda protein P
(HM) *VIRAL PROTEINS
(II) PHAGE LAMBDA
(II) VIRUS REPLICATION
(NO) from replication gene of bacteriophage lambda; MW appr. 26,000

45K protein-actin complex
(SY) 45K-A
(HM) *ACTIN
(HM) *CARRIER PROTEINS
(II) SEA URCHINS
(NO) 45,000 MW protein & actin in one-to-one complex purified from unfertilized eggs of sea urchin; regulates assembly of actin by binding to barbed end of the actin filament

protein 72K (adenovirus) see adenovirus 72K protein

protein AP see amyloid P component

protein-arabinosyltransferase see arabinosyl-hydroxyproline transferase

proteinase A see Penicillium janthinellum carboxyl proteinase

proteinase B see yeast proteinase B

proteinase F
(RN) EC 3.4.21.-
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) from mouse submandibular glands; not sensitive to trypsin inhibitors; increases in males following castration

proteinase I see Escherichia coli periplasmic proteinase

Proteinase inhibitor see elastase-cathepsin G inhibitor

proteinase A inhibitor
(HM) *FUNGAL PROTEINS
(PA) PROTEASE INHIBITORS
(NO) from baker's yeast

proteinase B inhibitor IB3 see yeast proteinase B inhibitor

proteinase inhibitor II (plants)
(HM) *PLANT PROTEINS
(PA) PROTEASE INHIBITORS
(NO) protein which is a dimer MW 23,000; from potato tubers, tomatoes & beans

proteinase inhibitor-inducing factor (tomato)
(SY) tomato proteinase inhibitor-inducing factor
(SY) tomato PIIF
(HM) *PECTINS
(II) PLANTS
(NO) pectic polysaccharide isolated from tomato leaves; MW 6 kDa; induces the synthesis & accumulation of 2 proteinase inhibitors in excised tomato plants

proteinase inhibitor I (plants)
(RN) 37228-81-2
(HM) *PLANT PROTEINS
(PA) PROTEASE INHIBITORS
(NO) protein with single disulfide bond from potato tubers, tomatoes & beans; pentamer MW 41,000

proteinase B inhibitor (yeast) see yeast proteinase B inhibitor

proteinase-K see Tritirachium alkaline proteinase

proteinase K see Tritirachium alkaline proteinase

proteinase-nexin see protease-nexin

proteinase yscD
(RN) EC 3.4.22.-
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) from Saccharomyces cerevisiae; inhibited by mercurials & EDTA

proteinase yscE
(RN) EC 3.4.22.-
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) from Saccharomyces cerevisiae; ph optimum 8.2-8.6; inhibited by mercurials

protein-D-aspartate methyltransferase
(RN) EC 2.1.1.77
(HM) *PROTEIN METHYLASES
(NO) for protein carboxymethylases consider also PROTEIN O-METHYLTRANSFERASE

protein A24 see chromatin conjugate protein A24

protein band 4.2 see band 4.2 protein

protein band 4.9 see band 4.9 protein

protein BA, non-histone see non-histone protein BA

protein BOT, mu heavy chain disease see heavy chain disease protein BOT

protein C
(RN) 42617-41-4
(SY) autoprothrombin II-A (activated form)
(HM) *GLYCOPROTEINS
(II) BLOOD PROTEINS
(II) BLOOD COAGULATION FACTORS
(NO) vitamin K-dependent protein zymogen of a serine protease involved in blood coagulation; phospholipid-binding serine esterase precursor in presence or absence of Ca++ ions; a glycoprotein activated both by thrombin & factor X activator from Russel's viper venom; may be the same as autoprothrombin C; RN in Chemline for autoprothrobin C: 9002-05-5; RN given refers to cpd with unknown MF

protein chondroitin keratan sulfate see keratan sulfate proteoglycan

protein cII
(SY) bacteriophage lambda protein cII
(SY) cII protein
(HM) *TRANSCRIPTION FACTORS
(II) TRANSCRIPTION, GENETIC
(NO) transcriptional activator protein; regulates transcription from two phage promoters that control lysogenic development; binds on DNA helix

protein cofactor, ARF see ARF protein cofactor

protein cofactor(guanine nucletide regulatory protein) see ARF protein cofactor

protein disulfide-isomerase
(RN) EC 5.3.4.1
(SY) disulfide exchange enzyme
(SY) disulfide interchange enzyme
(SY) sulfhydryl-disulfide interchange enzyme
(SY) thiol-disulfide transhydrogenase
(HM) *ISOMERASES
(NO) may be part of a single enzyme species with protein disulfide reductase (glutathione) (EC 1.8.4.2)

protein E
(HM) *PROTEINS
(NO) specific adrenal cytosolic protein; synthesis stimulated by corticotropin

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protein factor RF see eIF-2 stimulating protein

protein G see G-substrate

protein gene product 9.5 see neuron-specific protein 9.5

P-protein, glycine cleavage system see glycine synthase

protein HC see alpha(1)-microglobulin

protein HU see HU protein

protein S, human see protein S

Protein I
(SY) protein I (synapse)
(SY) synapsin I
(HM) *NERVE TISSUE PROTEINS
(II) PHOSPHOPROTEINS
(NO) phosphoprotein found exclusively in the central & peripheral nervous system; associated primarily with synaptic vesicles; its phosphorylation may have functional role in synaptic activity

protein III
(HM) *NERVE TISSUE PROTEINS
(II) PHOSPHOPROTEINS
(NO) neuron-specific phosphoprotein used as neuron specific biochemical marker; composed of two polypeptides of 74kd & 55kd respectively

protein S-II see RNA polymerase stimulatory factors

protein C inhibitor
(SY) activated protein C inhibitor
(HM) *BLOOD PROTEINS
(PA) PROTEASE INHIBITORS
(NO) protein found in normal plasma that inhibits activated protein C; deficient in plasma from patients with combined Factor V/VIII deficiency; MW 57,000

protein initiation factor eIF-2 see eIF-2

protein initiation factor eIF-4B see eIF-4B

protein initiator O see coliphage lambda DNA replication proteins

protein initiator P see coliphage lambda DNA replication proteins

protein I, intestinal
(SY) intestinal protein I
(HM) *CALCIUM-BINDING PROTEINS
(NO) calcium-binding protein biochemically & immunologically related to the fibroblast 36-kDa substrate of the Rous sarcoma virus-encoded tyrosine protein kinase; consists of two subunits, MW 36,000 & 10,000

protein initiation factor eIF-4F see eIF-4F

protein K
(HM) *BACTERIAL OUTER MEMBRANE PROTEINS
(NO) outer membrane protein from encapsulated E coli

protein 50 kDa
(HM) *PROTEINS
(PA) APPETITE DEPRESSANTS
(NO) 50,000 Dalton anorexigenic protein from rat urine which transiently depresses food intake of rats uo to 24 hrs after injection

protein kinase inhibitor see protein kinase modulator

protein kinase inhibitor type I see protein kinase modulator

protein kinase modulator
(SY) protein kinase stimulatory modulator
(SY) protein kinase inhibitor
(SY) cAMP-dependent protein kinase protein modulator
(SY) cGMP-dependent protein kinase protein modulator
(SY) protein kinase regulatory subunit
(SY) protein kinase regulatory subunit, type II
(SY) megamodulin
(SY) protein kinase inhibitor type I
(HM) *CARRIER PROTEINS
(PA) ENZYME INHIBITORS
(II) GUANOSINE CYCLIC MONOPHOSPHATE
(II) ADENOSINE CYCLIC MONOPHOSPHATE
(II) ENZYME ACTIVATION
(II) PROTEIN KINASES
(NO) stimulates phosphorylation of histones by mammalian cGPK & inhibits phosphorylation by cAPK; stimulates & inhibits protein kinase; may be 15,000 MW or 26,000 MW protein; for characterization see J Biol Chem 1971;246:1977

protein kinase NI
(RN) EC 2.7.1.-
(HM) *PROTEIN KINASES
(NO) aspect of EC 2.7.1.37; has distinct functions in cell nuclei

protein kinase NII
(RN) EC 2.7.1.-
(HM) *PROTEIN KINASES
(NO) aspect of EC 2.7.1.37; phosphorylates basic non-histone proteins; cyclic nucleotide-independent

protein kinase regulatory subunit see protein kinase modulator

protein kinase regulatory subunit, type II see protein kinase modulator

protein kinase, self-phosphorylating see eIF-2 kinase

protein kinase stimulatory modulator see protein kinase modulator

22K protein, leukocytes see leukocyte 22K protein

protein A24 lyase
(RN) EC 4.-
(HM) *LYASES
(NO) releases histone 2A & ubiquitin from chromosomal protein A24

protein L1 see ribosomal protein L1

protein L11 see ribosomal protein L11

protein L16 see L16 ribosomal protein

protein L7-L12 see ribosomal protein L7-L12

protein M
(SY) M protein
(HM) *GLYCOPROTEINS
(NO) single chain glycoprotein (MW 50,000) which exhibits procoagulant activity in the conversion of prothrombin to thrombin ? Factor X to Factor Xa

protein methylesterase
(RN) EC 3.1.1.-
(HM) *CARBOXYLIC ESTER HYDROLASES
(NO) hydrolyzes protein methyl esters to yield methanol & unmethylated protein; found in bacterial & human cells

protein Mx
(SY) protein Mx, interferon-induced
(HM) *PROTEINS
(PA) VIRUS INHIBITORS
(NO) found in mice carrying the dominant influenza resistance allele Mx; induced by interferon-alpha/beta; accumulates in nucleus of IFN-treated Mx cells; contributes to resistance against influenza; MW 75,000

protein Mx, interferon-induced see protein Mx

protein S (Myxococcus xanthus)
(SY) development specific protein, Myxococcus xanthus
(HM) *BACTERIAL PROTEINS
(II) MYXOBACTERALES
(NO) development specific protein of Myxococcus xanthus; produced during fruiting body formation; has been well characterized; do not confuse with record for protein S from human blood

protein D2, nervous system see nervous system specific protein D2

protein phosphatase deinhibitor protein
(SY) protein phosphatase inhibitor-1 regulatory protein
(SY) PP-DIP
(SY) deinhibitor protein, protein phosphatase
(HM) *PROTEINS
(NO) controls dephosphorylation of inhibitor-1; may play key role in regulation of protein phosphatase activity; from glycogen pellet from dog liver

protein phosphatase inhibitor-1 regulatory protein see protein phosphatase deinhibitor protein

protein phosphatase inhibitor-1
(SY) phosphorylase phosphatase inhibitor 1
(SY) phosphatase inhibitor 1
(HM) *PROTEINS
(PA) ENZYME INHIBITORS
(NO) heat-stable protein which inhibits phosphorylase phosphatase in skeletal muscle & other tissue; inhibitor of protein phosphatase after it has been phosphorylated by cyclic AMP-dependent protein kinase

protein phosphatase inhibitor-2
(SY) modulator protein
(SY) phosphatase inhibitor 2
(HM) *PROTEINS
(PA) ENZYME INHIBITORS
(II) MUSCLE PROTEINS
(NO) reversibly inhibits phophorylase phosphatase without prior phosphorylation; protein isolated from rabbit muscle; identified as ATP-Mg-dependent protein phosphatase modulator

protein pi see inter-alpha-inhibitor

protein pp60(src) see phosphoprotein pp60(src)

protein pyr1-3
(SY) multienzymatic protein pyr1-3
(SY) ME pyr1-3
(SY) CAD multifunctional protein
(HM) *NEOPLASM PROTEINS
(PA) MULTIENZYME COMPLEXES
(NO) contains dihydroorotase, carbamyl phosphate synthetase & aspartate transcarbamylase; from mouse Ehrlich ascites carcinoma

protein P180 see plasma membrane phosphoprotein P180

protein P2 see myelin P2 proteins

protein p36
(SY) p-36 protein
(HM) *MEMBRANE PROTEINS
(NO) MW 36,000; major substrate for tyrosine specific protein kinase

protein p53 see phosphoprotein pp53

protein p80
(SY) tumor-related protein p80
(HM) *NEOPLASM PROTEINS
(II) ANTIGENS, NEOPLASM
(NO) non-glycosylated phosphoprotein; tumor-related antigen of mouse lymphoma

protein S12, ribosomal see ribosomal protein S12

protein-rich endotoxin
(SY) OEP endotoxin
(HM) *ENDOTOXINS
(PA) INTERFERON INDUCERS
(PA) ANTINEOPLASTIC AGENTS
(II) ANTIGENS, BACTERIAL
(II) BACTERIAL TOXINS
(NO) common antigen of Pseudomonas aeruginosa

protein RIV see heavy chain disease proteins

protein S
(SY) vitamin K-dependent protein S
(SY) protein S, human
(HM) *GLYCOPROTEINS
(NO) vitamin K-dependent; unknown function; contains gamma-carboxyglutamic acid, from human blood; cofactor for activated protein C

protein A (salivary) see proline-rich polypeptide

protein C (salivary) see proline-rich polypeptide

protein SAP see amyloid P component

protein SCP see myelin P2 proteins

protein A-sepharose see Staphylococcal protein A-sepharose

protein S-I see RNA polymerase stimulatory factors

protein S-I(b) see RNA polymerase stimulatory factors

protein SKO-III see amyloid fibril protein SKO-III

protein p60(src) see phosphoprotein pp60(src)

protein G, Strep see Streptococcal IgG Fc-binding protein

protein I (synapse) see Protein I

protein synthesis initiation factor eIF-3 see peptide initiation factor 3

14-3 proteins see 14-3-3 protein

protein P18 (tail sheath) see viral tail proteins

protein-threonine kinase
(RN) EC 2.7.1.-
(SY) threonine protein kinase
(HM) *PROTEIN KINASES

protein-tyrosine phosphatase
(RN) EC 3.1.3.48
(RR) 79747-53-8 (CRN)
(SY) phosphotyrosine phosphatase
(SY) tyrosyl phosphoprotein phosphatase
(SY) phosphotyrosyl protein phosphatase
(HM) *PHOSPHOPROTEIN PHOSPHATASES

protein-UDPacetylgalactosaminyltransferase see UDPacetylgalactosamine-protein acetylgalactosaminyltransferase

L protein, viral see viral L protein

N protein, viral see viral N protein

protein WIS see heavy chain disease proteins

protein Z see plasma protein Z

protein 11K see sarcolemma protein

14-3-2 protein see 14-3-3 protein

14-3-3 protein
(SY) brain protein 14-3-3
(SY) 14-3 proteins
(SY) 14-3-2 protein
(HM) *NERVE TISSUE PROTEINS
(II) ENOLASE

protein 2.1 see band 2.1 protein

30K protein see TMV protein

S 35 protein see spot 35 protein

S-35 protein see spot 35 protein

p-36 protein see protein p36

protein 4.1 see band 4.1 protein

protein 422 see myelin P2 proteins

protein 4.5
(SY) plasma 4.5 protein
(HM) *BLOOD PROTEINS
(II) HYPERTENSION
(NO) plasma protein with MW 13,000 daltons & isoelectric pt 4.5; found in 82% of borderline or moderate hypertensive patients, all permanently hypertensive patients & only in 32% of normotensive patients

protelin
(RN) EC 3.4.-
(HM) *PEPTIDE HYDROLASES
(NO) enzyme complex from Streptomyces griseus; Russian drug

proteochondroitin-4-keratan sulfate see keratan sulfate proteoglycan

proteocine
(HM) *BACTERIOCINS
(II) PROTEUS
(NO) used for testing sensitivity pattern of Proteus strains

proteodermatan sulfate
(HM) *PROTEOGLYCANS
(HM) DERMATAN SULFATE/*analogs
(NO) proteoglycan of dermatan sulfate

proteoglycanase
(RN) EC 3.4.-
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) metal-dependent; acts at neutral pH; degrades the protein core without acting on carbohydrate side chains

proteoglycan-degrading neutral proteases
(RN) EC 3.4.24.-
(SY) PGDNP
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) found in cartilage; metal dependent

proteoheparan sulfate see heparan sulfate proteoglycan

proteoheparin see heparin proteoglycan

proteokeratan sulfate see keratan sulfate proteoglycan

proteoliaisin
(HM) *MEMBRANE PROTEINS
(II) GLYCOPROTEINS
(II) SEA URCHINS
(NO) 250,000 MW protein that binds ovoperoxidase in a calcium-dependent manner; responsible for inserting ovoperoxidase into the fertilization membrane of the sea urchin

proteolipid, phosphate binding see phosphate-binding proteolipid

proteolipid protein, myelin specific see Folch-Pi proteolipid protein

proteoliposomes
(SY) ERYTHROSOMES
(HM) *PROTEOLIPIDS
(II) LIPOSOMES
(II) ERYTHROCYTE MEMBRANE
(NO) erythrosomes are large proteoliposomes derived from crosslinked human erythrocyte cytoskeletons & exogenous lipid

proteolysis-inducing peptide
(SY) PIF peptide
(HM) *BLOOD PROTEINS
(NO) MW 4,000 peptide from plasma of patients with sepsis & trauma; induces muscle proteolysis & hepatic protein synthesis

proteo-mannan see mannoproteins

proteose-peptone
(SY) casopeptone
(SY) casein peptone
(HM) *CASEINS
(HM) *PEPTIDE FRAGMENTS
(II) PEPTONES
(NO) found in milk; represents residues 1-105 & 1-107 of beta-casein

prothanon see dioxopromethazine

Prothidium see pyrithidium bromide

prothionamide-S-oxide
(RN) 39896-11-2
(HM) *PROTHIONAMIDE/analogs
(PA) LEPROSTATIC AGENTS

prothoracicotropic hormone
(RN) 61583-57-1
(HM) *INSECT HORMONES

Pro-Thr-Glu-Phe-4-nitro-Phe-Arg-Leu see prolyl-threonyl-glutamyl-phenylalanyl-4-nitrophenylalanyl-arginyl-leucine

prothrombin activation fragments, ecarin see ecarin

prothrombin activator (Echis carinatus venom) see ecarin

prothrombin activator (Taipan venom)
(HM) *PEPTIDE HYDROLASES
(HM) *PROTHROMBIN
(II) ELAPID VENOMS
(II) ENZYME ACTIVATION

prothrombinase complex
(HM) *FACTOR V
(HM) *FACTOR X
(NO) contains Factors Xa & V, calcium ions & phospholipid

prothrombin complex concentrates
(RN) 37224-63-8
(SY) Konyne
(SY) Prothromplex-Immuno
(SY) Proplex
(SY) factor IX concentrate
(HM) *BLOOD COAGULATION FACTORS
(NO) contains blood coagulation factors 2,7,9,10; RN given refers to Konyne cpd with unknown MF; see also record for Factor IX, activated

prothrombin fragment 1
(HM) *PROTHROMBIN
(HM) *PEPTIDE FRAGMENTS
(NO) N-terminal portion of prothrombin released on treatment with thrombin: 156 residues

prothrombin fragment 1.2
(HM) *PROTHROMBIN
(HM) *PEPTIDE FRAGMENTS
(NO) activates factor Xa-catalyzed prothrombin activation

prothrombin fragment 2
(HM) *PROTHROMBIN
(HM) *PEPTIDE FRAGMENTS

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prothrombin habana
(HM) *PROTHROMBIN
(II) HYPOPROTHROMBINEMIAS
(NO) dysfunctional prothrombin molecule with faster electrophoretic mobility

prothrombin Metz
(HM) *PROTHROMBIN
(II) BLOOD COAGULATION DISORDERS
(NO) congenital dysprothombin

prothrombin precursor see isoprothrombin

prothrombin profragment-1
(RN) 72270-84-9
(HM) *PROTHROMBIN
(HM) *PROTEIN PRECURSORS
(NO) see also record on PIVKA

prothrombin type 3, human see prothrombin type 3

prothrombin type 3
(SY) prothrombin type 3, human
(HM) *PROTHROMBIN
(NO) prothrombin variant with slow electrophoretic mobility; glutamic acid replaced by lysine at position 157

Prothromplex-Immuno see prothrombin complex concentrates

prothymosin alpha
(HM) THYMOSIN/*analogs
(HM) *PROTEIN PRECURSORS
(NO) polypeptide from rat thymus containing appx 112 amino acid residues; thymosin alpha1 sequence at NH2 terminus

pro-thyrotropin releasing hormone
(SY) pro-TRH
(SY) thyrotropin releasing hormone precursor
(HM) *THYROTROPIN RELEASING HORMONE
(HM) *PROTEIN PRECURSORS
(NO) found in rat brain

proticine
(RN) 12689-28-0
(HM) *BACTERIOCINS
(II) PROTEUS MIRABILIS
(NO) bacteriocin used in typing Proteus mirabilis

protizinic acid
(RN) 13799-03-6
(RR) 54323-85-2 ((+-)-isomer)
(SY) pirocrid
(SY) 17190 R.P.
(SY) (+/-)-2-(7-methoxy-10-methyl-2-phenothiazinyl) propionic acid
(HM) *PHENOTHIAZINES
(PA) ANTI-INFLAMMATORY AGENTS
(NO) RN given refers to cpd without isomeric designation; NM refers to (+-)-isomer; structure

protoanemonin
(RN) 108-28-1
(HM) *FURANS
(II) PLANT EXTRACTS
(NO) antimutagen from Ranunculus & Anemone plants; structure given in first source

protoberberine
(RN) 19716-69-9
(RR) 483-46-5 (hydroxide)
(RR) 19716-68-8 (iodide)
(SY) 2,3,11-trimethoxy-5,6,13,13a-tetrahydro-8H-dibenzo(a,g)quinolizine
(HM) *BERBERINE/analogs
(NO) RN given refers to parent cpd

protocatechualdehyde
(RN) 139-85-5
(RR) 19481-09-5 (3H-labeled cpd)
(RR) 2936-97-2 (formyl-(14)C-labeled cpd)
(SY) protocatechuic aldehyde
(SY) rancinamycin IV
(HM) *BENZALDEHYDES
(HM) *CATECHOLS
(NO) found in wheat grains, wheat seedlings, & other plants; RN given refers to parent cpd; see also rancinamycins; structure

protocatechuate 4,5-dioxygenase
(RN) EC 1.13.11.8
(HM) *OXYGENASES

protocatechuic acid
(RN) 99-50-3
(RR) 24885-75-4 (mono-Na salt)
(RR) 2798-94-9 (carboxy-(14)C-labeled cpd)
(SY) 3,4-dihydroxybenzoic acid
(HM) *HYDROXYBENZOIC ACIDS
(NO) RN given refers to parent cpd; structure

protocatechuic aldehyde see protocatechualdehyde

protochlorophyll
(RN) 14751-08-7
(SY) protochlorophylls
(SY) protochlorophyll a
(HM) CHLOROPHYLL/*analogs
(NO) RN given refers to protochlorophyll

protochlorophyll a see protochlorophyll

protochlorophyllide reductase
(RN) EC 1.3.1.-
(SY) NADPH-protochlorophyllide oxidoreductase
(HM) *OXIDOREDUCTASES

protochlorophylls see protochlorophyll

M-2 protocol see M-2

protohemochrome see pyridine hemochrome

proto-oncogene c-myc proteins
(SY) oncogene c-myc proteins, human
(SY) pp62 c-myc protein
(SY) pp66 c-myc protein
(SY) pp64-pp66 c-myc protein
(HM) *PROTO-ONCOGENE PROTEINS, CELLULAR
(II) PROTO-ONCOGENES
(NO) proteins encoded by the mammalian versions of c-myc gene;

protopine
(RN) 130-86-9
(RR) 6164-47-2 (HCl)
(RR) 63912-17-4 (mesylate)
(SY) 4,6,7,14-tetrahydro-5-methyl-bis(1,3) benzodioxolo(4,5-c:5',6'-g)azecin-13(5H)-one
(SY) fumarine
(HM) *ALKALOIDS
(PA) ANTIHISTAMINICS
(NO) RN given refers to parent cpd; structure

protoporphyrin IX
(RN) 553-12-8
(RR) 50865-01-5 (di-Na salt)
(RR) 55811-36-4 (dihydride)
(HM) *PROTOPORPHYRINS
(NO) RN given refers to parent cpd; structure in Merck Index, 9th ed, #7685

protoporphyrin IX dimethyl ester see dimethyl protoporphyrin IX

protoporphyrin IX monomethyl ester
(RN) 16053-68-2
(SY) magnesium protoporphyrin IX monomethyl ester
(HM) *PROTOPORPHYRINS
(NO) RN given refers to protoporphyrin IX 18-monomethyl ester

protoporphyrinogen
(RN) 7412-77-3
(HM) *PROTOPORPHYRINS

protoporphyrinogenase see protoporphyrinogen oxidase

protoporphyrinogen dehydrogenase see protoporphyrinogen oxidase

protoporphyrinogen oxidase
(RN) EC 1.3.3.4
(SY) protoporphyrinogenase
(SY) protoporphyrinogen dehydrogenase
(HM) *OXIDOREDUCTASES

protosubtilin
(SY) protosubtiline
(HM) *ENZYME PRECURSORS
(HM) *PEPTIDE HYDROLASES
(NO) proteolytic complex from Bacillus subtilis

protosubtiline see protosubtilin

protoxin B thuringiensis see Bacillus thuringiensis protoxin

pro-TRH see pro-thyrotropin releasing hormone

Pro-tRNA see proline tRNA

protropin (14-23) see pro-opiomelanocortin joining peptide

Pro(4)-Trp(7,9)-Nle(11)-substance P(4-11) see substance P(4-11), Pro(4)-Trp(7,9)-Nle(11)-

Pro(2)-Trp(7,9)-SP see substance P, Pro(2)-Trp(7)-Trp(9)-

Pro(2)-Trp(7,9)-substance P see substance P, Pro(2)-Trp(7)-Trp(9)-

Pro(4)-Trp(7,9)-substance P(4-11) see substance P(4-11), Pro(4)-Trp(7,9)-

Pro(4)-Trp(7,9,10)-substance P(4-11) see substance P(4-11), Pro(4)-Trp(7,9,10)-

5-O-Pro-Trp see 5-oxoprolyltryptophan

protuberic acid
(RN) 55963-73-0
(HM) *POLYSACCHARIDES
(NO) glycuronan from Basidiomycete, Kobayasia nipponica

protylonolide
(RN) 74758-60-4
(SY) tylactone
(SY) 20-deoxo-12,13-desepoxy-12,13-dehydrorosaranolide
(SY) 20-DSDR
(HM) *LEUCOMYCINS
(NO) structure in first source

pro-UK see urokinase-type plasminogen activator

pro-urokinase see urokinase-type plasminogen activator

Pro-Val see prolylvaline

Pro(4)-Val(8)-Trp(7,9,10)-substance P(4-11) see substance P(4-11), Pro(4)-Val(8)-Trp(7,9,10)-

Provasan see nicametate

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pro-vasoactive intestinal peptide
(SY) PHM-27
(SY) PHM 27
(SY) pro VIP
(SY) human PHI
(HM) *VASOACTIVE INTESTINAL PEPTIDE
(HM) *PROTEIN PRECURSORS

pro-vasopressin
(SY) pro-pressophysin
(HM) *PROTEIN PRECURSORS
(HM) *VASOPRESSINS
(NO) amino acid sequence given in first source

proven
(RN) 89492-24-0
(HM) *SNAKE VENOMS
(PA) ANTI-INFLAMMATORY AGENTS
(NO) contains venom from Agkistrodon, Naja, & Bungarus

provera see medroxyprogesterone 17-acetate

pro VIP see pro-vasoactive intestinal peptide

provitamin D(3) see 7-dehydrocholesterol

proxazole
(RN) 5696-09-3
(RR) 31363-10-7 ((-)-isomer)
(RR) 31363-09-4 ((+)-isomer)
(RR) 31363-08-3 ((+-)-isomer)
(SY) 3-(alpha-ethylbenzyl)-5-(2-diethylaminoethyl)-1,2,4-oxadiazole
(SY) 3 alpha-phenylpropyl-5 beta- diethylaminoethyl-1,2,4-oxadiazole
(SY) propazoline
(SY) pirecin
(SY) toness
(HM) *OXADIAZOLES
(PA) ANALGESICS, ANTI-INFLAMMATORY
(NO) RN given refers to cpd without isomeric designation

proxicromil
(RN) 60400-92-2
(RR) 60400-93-3 (Na salt)
(SY) FPL 57787
(SY) FPL57787
(HM) *CHROMONES
(PA) ANTIHISTAMINICS
(NO) RN given refers to parent cpd; structure

proxigel
(RN) 124-43-6
(SY) urea peroxide
(SY) oxygel
(SY) carbamide peroxide
(SY) exterol
(SY) Urea, cpd with hydrogen peroxide (1:1)
(HM) *PEROXIDES
(HM) UREA/*analogs
(HM) DRUG COMBINATIONS
(NO) urea peroxide 11% in an anhydrous gel base for treatment of gingival hyperplasia(dilantin induced); cerumenolytic combination of above in anhydrous glycerol

proxiphylline see proxyphylline

proxymetacaine
(RN) 499-67-2
(RR) 5875-06-9 (mono-HCl)
(RR) 15016-14-5 (unspecified HCl)
(SY) ophthaine
(SY) proparacaine
(HM) *PROPOXYCAINE
(PA) ANESTHETICS, LOCAL
(II) ISOMERISM
(NO) RN given refers to parent cpd; structure

proxyphylline
(RN) 603-00-9
(SY) purophyllin
(SY) spasmolysin
(SY) 7-(2-hydroxypropyl)theophylline
(SY) proxiphylline
(HM) AMINOPHYLLINE/*analogs
(II) ASTHMA/drug ther
(NO) structure

prozapine
(RN) 3426-08-2
(RR) 13657-24-4 (HCl)
(RR) 33001-58-0 (maleate)
(SY) hexadiphene
(SY) 1-(3,3-diphenylpropyl)hexamethyleneimine
(HM) *AZEPINES
(PA) PARASYMPATHOLYTICS
(NO) RN given refers to parent cpd; structure

prozime 10 see aspergillus alkaline proteinase

PRP-TBB see paraflagellar rod proteins, Trypanosoma brucei

PR Toxin
(RN) 56299-00-4
(SY) PR-toxin
(HM) *NAPHTHOLS
(II) MYCOTOXINS
(NO) mycotoxin from Penicillium roqueforti; structure

PR-toxin see PR Toxin

PRu-Hi see pentaammineruthenium(III)histidine complex

prumycin
(RN) 38819-28-2
(RR) 57420-47-0 (di-HCl((L-arabinose)-R)-isomer)
(RR) 71072-11-2 (di-HCl((L-ribose)-R)-isomer)
(RR) 71072-06-5 (di-HCl((L-xylose)-R)-isomer)
(SY) 4-N-D-alanyl-2,4-diamino-2,4-dideoxy-L-arabinose
(HM) AMINO SUGARS
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) antifungal antibiotic; RN given refers to ((L-arabinose)-R)-isomer; RN for cpd without isomeric designation not in Chemline 7/26/83

prunasin
(RN) 138-53-4
(RR) 99-18-3 ((R)-isomer)
(SY) mandelonitrile-beta-glucoside
(SY) prunasine
(HM) *NITRILES
(NO) cyanogenic glycoside; RN given refers to cpd without isomeric designation

prunasine see prunasin

prunin
(RN) 529-55-5
(HM) *BIOFLAVONOIDS
(NO) structure given in first source

Prussian blue see ferric ferrocyanide

Pruteen see single cell proteins

PRV 110,000 see pseudorabies virus glycoproteins

PRV 22,000 see pseudorabies virus glycoproteins

PRV 55,000 see pseudorabies virus glycoproteins

PRV 92,000 see pseudorabies virus glycoproteins

przewaquinone C
(HM) *DITERPENES
(NO) isolated from root of Salvia przewalskii; structure given in first source

przewaquinone D
(HM) *DITERPENES
(NO) isolated from root of Salvia przewalskii; structure given in first source

przewaquinone E
(HM) *DITERPENES
(NO) isolated from root of Salvia przewalskii; structure given in first source

przewaquinone F
(HM) *DITERPENES
(NO) isolated from root of Salvia przewalskii; structure given in first source

PR-1350 see PR 1350

PR 1350
(RN) 87501-14-2
(SY) PR 1381
(SY) PR 1383
(SY) PR-1350
(SY) Antibiotic PR 1350
(HM) DITERPENES
(PA) ANTIBIOTICS

PR 1381 see PR 1350

PR 1383 see PR 1350

PSD-95 see postsynaptic density protein

Pseudechis venom
(SY) pseudexin
(HM) *ELAPID VENOMS
(NO) from Australian elapid snake

pseudexin see Pseudechis venom

pseudobactin
(RN) 76975-04-7
(SY) ferric pseudobactin
(HM) *OLIGOPEPTIDES
(II) IONOPHORES
(NO) linear hexapeptide fluorescent iron transport agent (siderophore) from plant growth promoter Psuedomonas B10; structure in first source

pseudobactin 7SR1
(RN) 90295-72-0
(HM) *OLIGOPEPTIDES
(II) IONOPHORES
(NO) siderophore from sugar beet deleterious Pseudomonas 7SR1; RN & structure given in first source; RN not in Chemline 10/84

pseudocatalase
(RN) EC 1.11.1-
(HM) *CATALASE
(NO) microbial enzyme; does not contain heme; contains manganese; does not have superoxide dismutase activity

pseudochelerythrine see sanguinarine

pseudocumene
(RN) 95-63-6
(HM) *BENZENE DERIVATIVES
(NO) structure

pseudoephedroxane see ephedroxane

pseudohirudin
(RN) 67995-65-7
(HM) HIRUDIN/*analogs
(NO) practically devoid of antithrombin activity of hirudin; MW of monomer is 2000 less than hirudin, due to loss of 20 amino acid groups

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pseudoisocytidine
(RN) 57100-18-2
(RR) 59464-15-2 (mono-HCl)
(SY) psi-isocytidine
(SY) 5-(beta-D-ribofuranosyl)isocytosine
(HM) *CYTIDINE
(PA) ANTINEOPLASTIC AGENTS
(II) ISOMERISM
(NO) RN given refers to parent cpd; structure

Pseudomonas adhesin see adhesin, Pseudomonas

Pseudomonas aeruginosa elastase
(RN) EC 3.4.21.-
(SY) IgG protease
(HM) *PEPTIDE PEPTIDOHYDROLASES

Pseudomonas aeruginosa exotoxin A
(SY) PA toxin
(SY) exotoxin A
(SY) Pseudomonas exotoxin
(SY) PETX
(HM) *EXOTOXINS
(II) PSEUDOMONAS AERUGINOSA

Pseudomonas aeruginosa lectin PA-I see adhesin, Pseudomonas

Pseudomonas aeruginosa lectin PA-II see adhesin, Pseudomonas

Pseudomonas aeruginosa protease see Pseudomonas serine proteinase

Pseudomonas cytochrome oxidase
(RN) EC 1.9.3.2
(SY) cytochrome cd
(SY) nitrosyl nitrite reductase
(SY) cytochrome c,d1
(SY) dissimilatory nitrite reductase
(HM) *CYTOCHROME OXIDASE
(NO) catalyzes conversion of ferrocytochrome to ferricytochrome utilizing nitrate as oxidizing agent

Pseudomonas exotoxin see Pseudomonas aeruginosa exotoxin A

Pseudomonas exotoxin-epidermal growth factor conjugate
(SY) PE-EGF conjugate
(HM) *EPIDERMAL GROWTH FACTOR-UROGASTRONE
(HM) *EXOTOXINS
(II) PSEUDOMONAS
(NO) inhibits protein synthesis in KB cells

Pseudomonas exotoxin receptor
(SY) PA toxin receptor
(SY) receptor, Pseudomonas exotoxin
(SY) Pseudomonas exotoxin receptors
(SY) exotoxin A, Pseudomonas, receptor
(HM) *RECEPTORS, CHOLINERGIC
(II) EXOTOXINS
(II) PSEUDOMONAS AERUGINOSA

Pseudomonas exotoxin receptors see Pseudomonas exotoxin receptor

Pseudomonas lectin see adhesin, Pseudomonas

Pseudomonas ochraceae enzyme I see 4-oxalmesaconate hydro-lyase

Pseudomonas ochraceae enzyme II see 4-oxalcitramalate aldolase

Pseudomonas serine proteinase
(RN) EC 3.4.21.-
(SY) Pseudomonas aeruginosa protease
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) extracellular proteases I, II, III have role in infectious process of Pseudomonas aeruginosa; included in the group of microbial serine proteinases EC 3.4.21.4

pseudomonas vaccine PEV 01 see polyvalent pseudomonas vaccine

pseudomonic acid
(RN) 12650-69-0
(RR) 64838-37-5 (Na salt(2S-(2a(E),3beta,4beta,5alpha(2R*,3R*(1R*,2R*))))-isomer)
(SY) pseudomonic acid A
(SY) mupirocin
(HM) FATTY ACIDS
(PA) ANTIBIOTICS
(NO) strain of Pseudomonas fluorescens; RN given refers to (2S-(2a(E),3 beta,4 beta,5 alpha(2R*,3R*(1R*,2R*))))-isomer; RN for cpd without isomeric designation not in Chemline 7/26/83; structure

pseudomonic acid A see pseudomonic acid

pseudomorphine
(RN) 125-24-6
(SY) 2,2'bimorphine
(HM) *MORPHINE DERIVATIVES

pseudonorephedrine see norpseudoephedrine

pseudorabies virus glycoprotein A see pseudorabies virus glycoproteins

pseudorabies virus glycoproteins
(SY) PRV 110,000
(SY) PRV 92,000
(SY) PRV 55,000
(SY) PRV 22,000
(SY) pseudorabies virus glycoprotein A
(HM) *VIRAL PROTEINS
(II) PSEUDORABIES VIRUS

pseudorenin
(RN) EC 3.4.99.-
(HM) *PEPTIDE PEPTIDOHYDROLASES

pseudothymine see 6-methyluracil

pseudotropine see tropine

pseudo-T4 see 3'-bromo-3,5,5'-triiodothyronine

pseudouridine synthetase
(RN) 9023-35-2
(HM) PSEUDOURIDINE/*metab
(NO) forms pseudouridine from uridine in tRNA mechanism not yet clarified

pseudouridylate synthetase
(RN) EC 4.2.1.70
(HM) *HYDRO-LYASES

pseudouridylic acid
(RN) 1157-60-4
(HM) *URIDINE MONOPHOSPHATE
(NO) minor descriptor (72-82); online & Index Medicus search URACIL NUCLEOTIDES (72-82)

PSFAP see pulmonary surfactant-associated protein

PSF factor see P cell-stimulating factor

PSF-GMW see pancreatic secretory factor, Gila monster venom

psi-3 antigen
(HM) *ANTIGENS
(NO) 135,000 MW component of maturing keratinocytes in psoriasis & other dermatopathologic conditions

D-psicose see Psicose

Psicose
(RN) 23140-52-5
(RR) 16354-64-6 ((L)-isomer)
(RR) 551-68-8 ((D)-isomer)
(SY) D-ribo-2-ketohexose
(SY) D-ribo-2-hexulose
(SY) D-psicose
(SY) allulose
(HM) *FRUCTOSE
(NO) C-3 epimer of D-fructose in Chemline; RN given refers to cpd without isomeric designation

psi-cytidine
(SY) 5-(beta-D-ribufuranosyl)cytosine
(HM) *CYTIDINE
(II) ISOMERISM
(NO) structure given in first source

psi-isocytidine see pseudoisocytidine

psilocin
(RN) 520-53-6
(RR) 68942-23-4 (HCl)
(RR) 59039-56-4 (tartrate[1:1])
(SY) 3-(2-dimethylamino)ethyl)indol-4-ol
(HM) PSILOCYBINE/*analogs
(PA) HALLUCINOGENS
(NO) psilocybine minus the phosphate ester; RN given refers to parent cpd; structure

p28 simian sarcoma virus transforming protein
(SY) p28(sis) transfroming protein (simian sarcoma)
(SY) p28(sis)
(HM) *RETROVIRIDAE PROTEINS
(II) SIMIAN SARCOMA VIRUSES
(II) CELL TRANSFORMATION, NEOPLASTIC
(NO) structurally related to platelet-derived growth factor; see also simian sarcoma virus transformation-specific glycopeptide

p28(sis) transfroming protein (simian sarcoma) see p28 simian sarcoma virus transforming protein

p28(sis) see p28 simian sarcoma virus transforming protein

PSK see PS-K

PS-K
(RN) 66455-27-4
(SY) krestin
(SY) PSK
(SY) KS-2
(HM) *PROTEOGLYCANS
(PA) IMMUNOSTIMULANTS
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(PA) INTERFERON INDUCERS
(PA) ANTIVIRAL AGENTS
(NO) protein-bound polysaccharide preparation from Coriolus versicolor(Fr) Quel of Basidiomycetes with antitumor activity; immunopotentiator

PSL see nuclear antigen p55

PSPC (Candida) see polysaccharide-protein complex (Candida)

PSP-D1 see pregnancy-specific protein D1

PSP-D2 see pregnancy-specific protein D2

PSPP see pancreatic spasmolytic polypeptide

PSP protein see parotid secretory protein

PSP-theophylline see 8-(4-sulfophenyl)theophylline

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p21(src) viral protein
(SY) viral protein, src(p21)
(SY) p21 transforming viral protein
(SY) v-Ha-ras p21
(SY) viral p21 ras protein
(HM) *NEOPLASM PROTEINS
(II) VIRAL PROTEINS
(II) ANTIGENS, VIRAL
(NO) from Harvey sarcoma virus; has guanine nucleotide-binding & autophosphorylating activities

p60(v-src) see phosphoprotein pp60(src)

PSSO2Glu see sulfonate-glutamic acid sulfonamide polystyrene

PSSO3 see polystyrene sulfonic acid

PSX-1
(RN) 53988-61-7
(SY) cytostipin
(HM) *ANTIBIOTICS, ANTINEOPLASTIC
(PA) IMMUNOSUPPRESSIVE AGENTS
(NO) isolated from culture broth of Penicillium stipitstum; no other information available 12/31/79

PS-24
(RN) 62305-91-3
(SY) PS 24
(SY) CG 3703
(SY) CG-3703
(SY) 6-methyl-5-oxothiomorpholinyl-3-carbonylhistidyl prolinamide
(HM) THYROTROPIN RELEASING HORMONE/*analogs
(NO) structure given in first source

PS 24 see PS-24

PS 2747 see A-25794

PS 5 see PS-5

PS-5
(RN) 67007-79-8
(RR) 70981-69-0 (Na salt(5R-cis)-isomer)
(SY) 3-(2-acetamidoethyl)thio-6-ethyl-7-oxo-1-azabicyclo(3.2.0)hept-2-ene-2-carboxylic acid
(SY) PS 5
(HM) *THIENAMYCINS
(NO) lactam antibiotic from Streptomyces sp. A271 ATCC 31358; RN given refers to (5R-cis)-isomer; RN for cpd without isomeric designation not in Chemline 7/26/83; structure in fifth source

PS 60 see gelrite

PS-60 see gelrite

PS-915 see PS 915

PS 915
(RN) 86356-77-6
(SY) Phe-Pro-Arg-CHA
(SY) phenylalanyl-prolyl-arginyl-3-carboxy-4-hydroxyaniline
(SY) PS-915
(HM) *OLIGOPEPTIDES
(II) CHROMOGENIC COMPOUNDS
(NO) substrate for colorimetric assay for plasma antithrombin; RN given refers to di-HCl; RN for parent cpd not available 7/85 III

PTA-ARG see arginine-2-phenyl-5-thiazolone

PTA-GPA see 4-guanidinophenylalanine-2-phenyl-5-thiazolone

PTAN see palmitoyl tuberactinamine N

PTA-OM see 9,10-dimethylmethano-11,12-methano-16-(4-methoxyphenyl)-13,14-dihydro-13-aza-15-tetranorthromboxane A2

ptaquiloside
(RN) 87625-62-5
(HM) *TERPENES
(II) PLANT POISONING
(NO) from bracken fern; toxic to cattle; structure given in first source

PTBP plastic see CKM-1634

PTBP resin see CKM-1634

PtCl4 see platinum tetrachloride

(Pt(dien)Cl)Cl see chlorodiethylenetriamine platinum

PTDINS-4P-phosphatase see phosphatidylinositol 4-phosphate phosphatase

PtdINS4P see phosphatidylinositol 4-phosphate

PTEA see pentyltriethylammonium

PteGlu3 see triglutamate folate

PteGlu6 see hexaglutamate folate

Pte-penta-Glu see pteroylpentaglutamic acid

pterin-6-aldehyde see 2-amino-4-hydroxy-6-formylpteridine

pterobilin
(RN) 20890-42-0
(HM) *BILE PIGMENTS
(NO) blue-green bile pigment found in insects; structure given in first source

pteroic acid
(RN) 119-24-4
(SY) p-((2-amino-4-hydroxy-6-pteridylmethyl)amino) benzoic acid
(SY) 4-((2-amino-4-hydroxy-6-pteridylmethyl)amino) benzoic acid
(HM) *PTERINS
(NO) structure

pteropterin
(RN) 89-38-3
(RR) 63938-52-3 (unspecified Na salt)
(SY) teropterin
(SY) pteroyltriglutamic acid
(SY) pteroyl-gamma-glutamyl-gamma-glutamylglutamic acid
(HM) *PTEROYLPOLYGLUTAMIC ACIDS

pterorhodin
(RN) 6538-79-0
(HM) *PTERIDINES
(II) PIGMENTS
(NO) pteridine dimer pigment in melanosomes of leaf frogs

pteroyl-gamma-glutamyl-gamma-glutamylglutamic acid see pteropterin

pteroylpentaglutamate see pteroylpentaglutamic acid

pteroylpentaglutamic acid
(RN) 33611-85-7
(SY) pteroylpentaglutamate
(SY) Pte-penta-Glu
(HM) *PTEROYLPOLYGLUTAMIC ACIDS

pteroylpolyglutamate synthase
(RN) EC 6.3.1.-
(HM) *LIGASES
(NO) catalyzes formation of amide bond between the gamma-carboxyl group of a folate & the amino group of glutamic acid

pteroyltriglutamic acid see pteropterin

PTFE-alumina see proplast II

PtGLM see chloroglycyl-methionatoplatinum II

PTGP-NP-AL see prolyl-threonyl-glutamyl-phenylalanyl-4-nitrophenylalanyl-arginyl-leucine

PT(Gyl-L-Met)Cl see chloroglycyl-methionatoplatinum II

PTH (1-34) amide see parathyroid hormone (1-34) amide

PTHD see polytetramethylenehexamethylenedicarbamate

PTHIQDO see 3-phenyl-6-(1,2,3,4-tetrahydro-2-isoquinolyl)methyl-4H-5,6-dihydro-1,2,4-oxadiazine

PTH peptide (1-34) see parathyroid hormone peptide (1-34)

PTH (1-30) see parathyroid hormone (1-30)

1-34 h PTH see parathyroid hormone peptide (1-34)

PTH (1-38) see parathyroid hormone(1-38)

PTH (37-84) see parathyroid hormone (37-84)

PTH (46-84) see parathyroid hormone (46-84)

PTH (53-84) see parathyroid hormone (53-84)

PTIQ see 1-(2-methyl-3-hydroxy-5-hydroxymethyl-4-pyridyl)-6,7-dihydroxy-1,2-3,4-tetrahydroisoquinoline

Pt(IV)(NH3)2Cl2(OH)2 see diamminedichlorodihydroxyplatinum IV

PTLA-LHRH see LHRH, N-Ac-4-Cl-Phe(1,2)-Trp(3)-Lys(6)-Ala(10)-

2-PTMP see 2-((phenylthio)methyl)pyridine

PtN-dGMP see diamminebis(2'-deoxy-5'-guanylyl)platinate

cis-Pt(NH3)(2)-d(GMP)(2) see diamminebis(2'-deoxy-5'-guanylyl)platinate

cis-Pt(NH3)(2)-d(pGpG) see diammine(2'-deoxyguanylyl-(5'-3')-2'-deoxy-5'-guanylyl)platinate

(Pt(NO3)2(cis-dach)) see NSC 239851

PtN-d(pGpG) see diammine(2'-deoxyguanylyl-(5'-3')-2'-deoxy-5'-guanylyl)platinate

1-PT-oxytocin see oxytocin, 1-penicillamine-4-Thr-

PTPAN see phenylthio-4-phenylamino-2-nicotinic acid

PTPC see 1-palmitoyl-2-(10-(4-((trifluoromethyl)diazirinyl) phenyl)-8-oxadecanoyl)-sn-glycero-3-phosphocholine

PTP-LHRH see LHRH, Phe(2)-Trp(3)-Phe(6)-

p53 transformation-related protein see phosphoprotein pp53

p21 transforming viral protein see p21(src) viral protein

PTR O-dealkylase see pentoxyresorufin O-dealkylase

PTR 17402
(RN) 56552-51-3
(RR) 67511-19-7 (dimethanesulfonate salt (8alpha)-isomer)
(SY) PTR-17402
(SY)
8-((4-(4-methoxyphenyl)-1-piperazinyl)methyl)-6-methylergoline
(HM) *ERGOLINES
(NO) dopamine receptor agonist; RN given refers to (8alpha)-isomer; RN for cpd without isomeric designation not in Chemline 4/85

PTR-17402 see PTR 17402

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PTSA see 1,3,6,8-pyrene tetrasulfonate

PTTNL-SP(4-11) see substance P(4-11), Pro(4)-Trp(7,9)-Nle(11)-

PTTSP see substance P, Pro(2)-Trp(7)-Trp(9)-

PTT-SP(4-11) see substance P(4-11), Pro(4)-Trp(7,9)-

PTTT-SP(4-11) see substance P(4-11), Pro(4)-Trp(7,9,10)-

PTT 119
(RN) 83996-50-3
(SY) PTT-119
(SY) 3-(4-fluorophenyl)alanyl-3-(3-bis(2-chloroethyl) aminophenyl)alanyl-methionine ethyl ester
(SY) 3-(4-fluorophenyl)Ala-3-(3-bis(2-chloroethyl) aminophenyl)Ala-Met ethyl ester
(HM) *NITROGEN MUSTARD COMPOUNDS
(PA) ANTINEOPLASTIC AGENTS
(NO) tripeptide mustard; cpd not in Chemline 8/1/83; structure given in first source

PTT-119 see PTT 119

PTU 23
(RN) 17073-35-7
(SY) PTU-23
(SY) N-phenyl-N'-3-hydroxyphenylthiourea
(HM) PHENYLTHIOUREA/*analogs
(PA) *ANTIVIRAL AGENTS

PTU-23 see PTU 23

Ptychodiscus brevis T4(6) toxin see Gymnodinium breve toxin

Pt 155 see dichloro-1,2-diaminocyclohexane platinum complex

2-PT-4-C see 2-(4-pyridyl)thiazolidine-4-carboxylic acid

PT 430
(RN) 83953-11-1
(SY) PT-430
(SY) N(alpha)-(4-amino-4-deoxy-N(10)-methylpteroyl-N (epsilon)-4'-fluoresceinthiocarbamoyl)-L-lysine trihydrate
(SY) F-MTX
(SY) MTX-F
(HM) METHOTREXATE/*analogs
(II) FLUORESCENT DYES
(NO) fluorescent dihydrofolate reductase probe for studies of methotrexate resistance; structure given in first source

PT-430 see PT 430

6-PT see 6-(4-N-piperidinylphenyl)azobenzothiazole

puag-haad
(RN) 4721-07-7
(SY) 2,4,3',5'-tetrahydroxystilbene
(HM) *STILBENES
(PA) ANTICESTODAL AGENTS
(II) PLANTS, MEDICINAL
(NO) extract of Artocarpus lakoocha wood from Thailand; used for treating tapeworm

puchel
(RN) 75977-88-7
(HM) DTPA/*analogs
(II) CHELATING AGENTS
(NO) lipophilic derivative of DTPA

puerarin
(RN) 3681-99-0
(HM) *ISOFLAVONES
(II) BIOFLAVONOIDS

pukeling
(HM) *PROPANTHELINE
(HM) *CHLORPHENIRAMINE
(HM) *PLANT EXTRACTS
(HM) DRUG COMBINATIONS
(PA) ANTITUSSIVE AGENTS
(NO) combination of propantheline, chlorpheniramine & gandoderma

pulegone
(RN) 15932-80-6
(RR) 3391-90-0 ((S)-isomer)
(RR) 89-82-7 ((R)-isomer)
(HM) MENTHOL/*analogs
(NO) component of peppermint oil; RN given refers to cpd without isomeric designation; structure in Merck

pullulan
(RN) 9057-02-7
(RR) 9063-23-4 (hydrogen sulfate)
(SY) pullulan-50
(HM) *GLUCANS
(NO) predominantly an alpha maltosetriose linked endwise through 1,6-bonds; RN given refers to parent cpd

pullulanase
(RN) EC 3.2.1.41
(RR) 9075-68-7 (CRN)
(SY) limit dextrinase
(SY) amylopectin glucanohydrolase
(HM) *GLYCOSIDE HYDROLASES
(NO) minor descriptor (73-85); on-line & Index Medicus search GLYCOSIDE HYDROLASES (73-85)

pullulan-50 see pullulan

Pulmonabiol
(HM) *PLANT EXTRACTS
(HM) *SILICIC ACID
(HM) DRUG COMBINATIONS
(PA) BRONCHODILATOR AGENTS
(PA) EXPECTORANTS
(NO) plant extract in combination with silicic acid used in treatement of respiratory infection

pulmonary surfactant associated protein see pulmonary surfactant-associated protein

pulmonary surfactant-associated protein
(SY) PSFAP
(SY) pulmonary surfactant associated protein
(SY) surfactant-sialoglycoprotein
(HM) *PROTEOLIPIDS
(HM) *PULMONARY SURFACTANT
(PA) ANTI-INFECTIVE AGENTS
(NO) 10% of the pulmonary surfactant consists of protein coupled to lipids; MW 32-36kDa sialoglycoprotein group an integral component

pulmophyllin see pulmophylline

pulmophylline
(RN) 8059-07-2
(SY) pulmophyllin
(HM) THEOPHYLLINE/*analogs
(HM) *THEOPHYLLINE
(HM) *ANTIPYRINE
(HM) DRUG COMBINATIONS
(NO) combination of theophylline, ethoxytheophylline & antipyrine; do not confuse with pulmophylline (new)

pulmophylline (new)
(RN) 95646-60-9
(SY) pulmophyllin (new)
(HM) THEOPHYLLINE/*analogs
(HM) *THEOPHYLLINE
(NO) combination of theophylline & ethoxytheophylline; effects will last longer than those of pulmophylline

pulmophyllin (new) see pulmophylline (new)

pulvomycin
(RN) 11006-66-9
(SY) labilomycin
(HM) GLYCOSIDES
(PA) ANTIBIOTICS, ANTIFUNGAL
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) isolated from culture MA-2465; structure

pumiliotoxin A
(RN) 67054-00-6
(SY) alkaloid 307A from Dendrobates
(HM) *ALKALOIDS
(NO) see also records for pumiliotoxin B, pumiliotoxin C & pumiliotoxins

pumiliotoxin B
(RN) 67016-65-3
(HM) *ALKALOIDS
(II) AMPHIBIAN VENOMS
(NO) indolizidine alkaloid from skin of panamanian frog Dendrobates pumilio; see also records for pumiliotoxin A, pumiliotoxin C & pumiliotoxins

pumiliotoxin C
(RN) 27766-71-8
(SY) decahydro-5-methyl-2-propylquinoline
(HM) *ALKALOIDS
(II) AMPHIBIAN VENOMS
(NO) isolated from skin of Dendrobates pumilio (frog); see also records for pumiliotoxin A, pumiliotoxin B & pumiliotoxins

pumiliotoxins
(HM) *ALKALOIDS
(II) AMPHIBIAN VENOMS
(NO) from Dendrobates histrionicus see also records for pulmiliotoxin A, pumiliotoxin B & pumiliotoxin C

punky blue
(RN) 84145-82-4
(RR) 14797-55-8 (nitrate)
(SY) 2-methyl-3-ethylamino-7-aminophenoxazonium
(SY) 2-methyl-3-ethylamino-7-aminophenoxazonium nitrate
(HM) *OXAZINES
(II) DYES
(NO) structure given in first source

(239)PuO2 see plutonium dioxide

purantix see clocortolone pivalate

purine
(RN) 120-73-0
(HM) *PURINES
(NO) structure in Merck Index, 9th ed, #7729

purine-cytosine transporter
(SY) purine-cytosine transport protein
(SY) PCT-protein
(HM) *CARRIER PROTEINS
(NO) MW 120,000

purine-cytosine transport protein see purine-cytosine transporter

purine hydroxylase II
(RN) EC 1.1.1.-
(HM) *ALCOHOL OXIDOREDUCTASES
(NO) iron-sulfur enzyme from Aspergillus nidulans; contains FAD & molybdenum; acts on hypoxanthine & nicotinic acid but not on xanthine; inactive with oxygen

purine imidazole-ring cyclase
(RN) EC 6.3.3.-
(SY) PurIR cyclase
(HM) *LIGASES
(II) DNA REPAIR
(NO) recyclizes ring-opened purine formamidopyrimidines in irradiated DNA, restoring the C-8 to N-9 band, does not require ATP

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purine insertase see endodeoxyribonuclease (apurinic or apyrimidinic)

purine nucleoside hydrolase see nucleosidase

purine nucleoside purine deoxyribosyltransferase see nucleoside deoxyribosyltransferase

purine 5'-nucleotidase
(RN) EC 3.1.3.-
(HM) *NUCLEOTIDASES
(NO) associated with some immunologic deficiency diseases

purine phosphoribosyltransferase
(RN) EC 2.4.2.-
(HM) *PENTOSYLTRANSFERASES
(NO) specific purine phosphoribosyltransferases are EC 2.4.2.7 and 2.4.2.8.

purine receptor
(SY) receptor, purine
(SY) purine receptors
(SY) purine (P2) receptor
(SY) purine (P2) receptors
(SY) receptor, purine (P2)
(SY) purine (P1) receptor
(SY) purine (P1) receptors
(SY) P1-purinoceptor
(SY) A2-purinoceptor
(HM) *SYNAPTIC RECEPTORS
(II) PURINES

purine (P1) receptor see purine receptor

purine (P2) receptor see purine receptor

purine receptors see purine receptor

purine (P1) receptors see purine receptor

purine (P2) receptors see purine receptor

purine ribonucleoside see nebularine

purine riboside see nebularine

purine-6-sulfenic acid
(RN) 86335-59-3
(HM) *PURINES
(NO) putative reactive metabolite of mercaptopurine; RN & structure given from first source; RN not in Chemline 11/7/83

purinol ribonucleoside 5'-monophosphate see allopurinol riboside 5'-monophosphate

(2,9)(6,9)-purinophane
(HM) PURINES/*analogs
(NO) structure given in first source

N-(purin-6-ylcarbamoyl)-L-threonine riboside see N-(9-(beta-D-ribofuranosyl)purin-6-ylcarbamoyl) threonine

purin-6-yl 1-thio-beta-glucopyranosiduronic acid
(RN) 63425-02-5
(SY) ammonium 7H-purin-6-yl 1-thio-beta-glucopyranosiduronate
(HM) *THIOGLUCOSIDES
(PA) ANTINEOPLASTIC AGENTS
(NO) structure given in first source

N-(5-(6-purinylthio)valeryl)glycine ethyl ester see butocin

PurIR cyclase see purine imidazole-ring cyclase

puromycin N-acetyltransferase
(RN) EC 2.3.1.-
(HM) *ACETYLTRANSFERASES

puromycinyl-peptide see peptidyl-puromycin

purophyllin see proxyphylline

purothionin
(RN) 9009-72-7
(RR) 9056-44-4 (alpha-purothionin)
(RR) 9056-45-5 (beta-purothionin)
(HM) *PLANT PROTEINS
(II) TOXINS
(NO) polypeptide of relatively low MW; toxic to vertebrates and some bacteria & yeasts; purothionin A-I is believed to be identical to beta-purothionin; RN given refers to cpd with unknown MF

purpurin
(HM) *LECTINS
(II) DICTYOSTELIUM
(NO) lectin from Dictyostelium purpureum; do not confuse with the dye purpurin

purpurogallin
(RN) 569-77-7
(HM) *BENZOCYCLOHEPTENES
(II) ANTIOXIDANTS
(NO) oxidation product of pyrogallol; structure

pursennid see sennoside A&B

pushkarmoola see inula

pushkarmula see inula

pustulan
(RN) 37331-28-5
(HM) *POLYSACCHARIDES

putA protein see gene proteins, bacterial

Pu-TBP see plutonium tri-n-butylphosphate complex

putidamonooxin
(RN) EC 1.14.-
(HM) *OXYGENASES
(PA) MULTIENZYME COMPLEXES
(II) IRON SULFUR PROTEINS
(NO) iron-containing, acid-labile-sulfur containing monooxygenase of a 4-methoxybenzoate O-demethylase

putidaredoxin
(RN) 57087-75-9
(HM) *FERREDOXINS
(II) BACTERIAL PROTEINS
(NO) from Pseudomonas putidas; serves as a cofactor for camphor 5-monooxygenase; minor descriptor (75-84); on-line & Index Medicus search FERREDOXINS (75-84)

putidaredoxin reductase
(RN) EC 1.6.4.-
(HM) *NADH, NADPH OXIDOREDUCTASES

putreanine
(RN) 25887-39-2
(HM) *AMINO ACIDS, DIAMINO

putrescine carbamoyltransferase
(RN) EC 2.1.3.6
(HM) *TRANSFERASES

putrescine oxidase
(RN) EC 1.4.3.10
(HM) *AMINE OXIDOREDUCTASES

Pu-tributylphosphate complex see plutonium tri-n-butylphosphate complex

putThy see alpha-putrescinylthymine

PVAP see polyvinylacetate phthalate polymer

PVB
(RN) 82556-04-5
(SY) VBP
(SY) VBD
(SY) Bagshawe modified regime
(SY) VB(III)+-P
(HM) CISPLATIN
(HM) VINBLASTINE
(HM) BLEOMYCINS
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above 3 cpds

PVC-g-MnG see polyvinyl chloride-methoxypoly(ethyleneglycol) monomethacrylate

PVeBV
(HM) CISPLATIN
(HM) VINBLASTINE
(HM) BLEOMYCINS
(HM) ETOPOSIDE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

PV-IZT see 1-phenyl-5-vinyl-2-imidazolidinethione

PVP-gossypol see gossypol-polyvinylpyrrolidone

PV receptor see phosvitin receptor

PVT-SP(4-11) see substance P(4-11), Pro(4)-Val(8)-Trp(7,9,10)-

PvuII restriction enzyme see endodeoxyribonuclease PvuII

PW-AVP a see pokeweed antiviral protein

PW-AVP b see pokeweed antiviral protein

PX-27 see human X polypeptides

Py(CH2)3Py see 1,3-di-(1-pyrenyl)propane

PYDAT see 1-(3-pyridyl)-3,3-diethyltriazene

3,4-pydgal see 3,4-pyruvylated galactose

4,6-pydgal see 4,6-pyruvylated galactose

4,6-PYDGLC see 4,6-pyruvylated glucose

pydrin
(RN) 51630-58-1
(RR) 67614-33-9 ((R-(R*,R*))-isomer)
(RR) 67614-32-8 ((S-(R*,S*))-isomer)
(RR) 66267-77-4 ((R-(R*,S*))-isomer)
(RR) 66230-04-4 ((S-(R*,R*))-isomer)
(SY) alpha-cyano-3-phenoxybenzyl 2-(4-chlorophenyl)- 3- methylbutyrate
(SY) WL 43775
(SY) S-5602
(SY) sumicidin
(SY) belmark
(SY) alpha-cyano-3-phenoxybenzyl alpha-isopropyl-4-chlorophenyl acetate
(SY) fenvalerate
(SY) fenvalarate
(HM) *PYRETHRINS
(PA) INSECTICIDES
(NO) synthetic pyrethroid; RN given refers to cpd without isomeric designation; structure

Pyeloform
(HM) *POLYMERS
(NO) hydrophilous macromolecular binding material used to perform pyelolithotomy

PYHG17 see human X polypeptides

PYL(a)
(SY) PYLA
(HM) *PEPTIDES
(II) XENOPUS LAEVIS
(NO) from skin secrtion of Xenopus laevis; consists of 24-amino acids; amino acid sequence given in first source

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PYLA see PYL(a)

PYL(a), 4-24- see PGL(a)

pymadine see 4-aminopyridine

pyocheiin
(RN) 69772-54-9
(HM) *PHENOLS
(II) IRON CHELATES
(NO) phenolic iron-binding cpd from Pseudomonas aeruginosa; promotes the growth of bacterium when added to iron-deficient media

pyorubin
(HM) *PIGMENTS
(II) Pseudomonas Aeruginosa
(NO) red-brown pigment produced by Pseudomonas aeruginosa

pyoverdin
(RN) 8062-00-8
(HM) *PIGMENTS
(II) PSEUDOMONAS AERUGINOSA
(NO) yellow-green pigment produced by Pseudomonas aeruginosa

pyrabital see Veramid

pyracrimycin A
(RN) 43043-82-9
(RR) 35663-85-5 ((E)-isomer)
(RR) 12688-72-1 (pyracrimycin B)
(SY) trans 3-(1-pyrrolin-2-yl)acrylamide
(SY) desdanine
(SY) cyclamidomycin
(HM) PYRROLES
(PA) ANTIBIOTICS
(NO) RN given refers to cpd without isomeric designation & from 9th CI, Chem Sub Index; cpd not in Chemline 7/26/83; structure

pyracryl
(RN) 73165-63-6
(SY) pirakril
(HM) *POLYMETHACRYLIC ACIDS
(II) SILICOSIS/drug ther

pyrahexyl see synhexyl

pyralvex berna
(RN) 62647-98-7
(HM) *SALICYLIC ACIDS
(HM) *ANTHRAQUINONES
(HM) DRUG COMBINATIONS
(NO) combination of salicylic acid alcoholic tincture & rhei extract that is 0.3% 1,8-dioxyanthraquinone monoglycoside

pyramin see pyrazon

pyranine
(RN) 6358-69-6
(SY) 8-hydroxypyrene-1,3,6-trisulfonate
(SY) D.C. Green No. 8
(HM) *ARYL SULFONATES
(II) DYES
(II) FLUORESCENT DYES
(II) FOOD ADDITIVES
(NO) structure

pyranoprofen
(RN) 52549-17-4
(RR) 60508-63-6 (methyl-14C-labeled cpd)
(SY) Nifran
(SY) 2-(5H-(1)benzopyrano(2,3-b)pyridin-7-yl) propionic acid
(SY) pranoprofen
(SY) niflan
(HM) *PROPIONIC ACIDS
(HM) *BENZOPYRANS
(PA) ANALGESICS, ANTI-INFLAMMATORY
(NO) RN given refers to unlabled parent cpd; structure given in first source

pyrazapon see ripazepam

pyrazidol see pirlindole

pyrazinamidase see pyrazinamide deamidase

pyrazinamide deamidase
(RN) EC 3.5.1.-
(SY) pyrazinamidase
(HM) *AMIDOHYDROLASES
(NO) pyrazinamide forms pyrazinoic acid & ammonia

pyrazine-binding protein see odorant-binding protein

pyrazinoate see pyrazinoic acid

pyrazinoic acid
(RN) 98-97-5
(SY) pyrazinoate
(HM) PYRAZINAMIDE/*analogs
(NO) active metabolite of pyrazinamide; structure

pyrazofurin
(RN) 30868-30-5
(SY) pyrazomycin
(SY) NSC 143095
(SY) 3(5)-ribofuranosyl- 4-hydroxypyrazol-5(3)-carboxamide
(HM) *RIBONUCLEOSIDES
(PA) ANTIBIOTICS
(PA) ANTIVIRAL AGENTS
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(PA) ANTIMETABOLITES, ANTINEOPLASTIC
(NO) structure

pyrazole
(RN) 288-13-1
(HM) *PYRAZOLES
(NO) structure in Merck Index, 9th ed, #7744

pyrazoloimidazole see 2,3-dihydro-1H-imidazo(1,2-b)pyrazole

pyrazolone
(RN) 39455-90-8
(HM) *PYRAZOLES
(PA) ANTI-INFLAMMATORY AGENTS
(NO) non-steroid antirheumatic agent

pyrazomycin see pyrazofurin

pyrazon
(RN) 1698-60-8
(SY) chlordiazon
(SY) pyramin
(SY) chloridazon
(HM) *PYRIDAZINES
(PA) HERBICIDES
(NO) structure

pyrbuterol see pirbuterol

1-pyrenamine see aminopyrene

pyrene
(RN) 129-00-0
(HM) *PYRENES
(NO) structure in Merck Index, 9th ed, #7746

pyrenebutylmethylphosphonofluridate
(RN) 67000-88-8
(SY) PBMPF
(HM) *ORGANOPHOSPHORUS COMPOUNDS
(NO) fluorescent phosphate label for serine hydrolases

1-pyrenebutyrate
(RN) 3443-45-6
(RR) 25338-56-1 (cpd with unspecified locant for pyrene moiety)
(SY) 1-pyrenebutyric acid
(SY) pyrenebutyric acid
(HM) *PYRENES
(NO) fluorescet probe; RN given refers to 1-pyrenebutyrate

pyrenebutyric acid see 1-pyrenebutyrate

1-pyrenebutyric acid see 1-pyrenebutyrate

1-pyrenebutyryl-CoA see 1-pyrenebutyryl-coenzyme A

1-pyrenebutyryl-coenzyme A
(RN) 81923-89-9
(SY) coenzyme A, 1-pyrenebutyryl
(SY) 1-pyrenebutyryl-CoA
(HM) *ACYL COENZYME A
(HM) *PYRENES
(II) FLUORESCENT DYES

pyrenedecanoic acid
(RN) 60177-21-1
(HM) *DECANOIC ACIDS

3-(10-pyrenedecanoyl)cholesterol
(SY) P-10-cholesterol
(HM) CHOLESTEROL/*analogs
(II) FLUORESCENT DYES
(NO) employed in the fluorometric assay of acid lipase or diagnosing Wolman's & cholesteryl ester storage diseases; structure given in first source

1-(10-pyrenedecanoyl)-2,3-dioleoylglycerol
(SY) P-10-triglyceride
(HM) *TRIGLYCERIDES
(II) FLUORESCENT DYES
(NO) employed in the fluorometric assay of acid lipase or diagnosing Wolman's & cholesteryl ester storage diseases; structure given in first source

12-(1-pyrene)dodecanoic acid
(RN) 69168-45-2
(SY) 12-PDDA
(HM) *LAURIC ACIDS
(NO) induces lipid storage in cultured leukemic myeloid cells

pyrenedodecanoylcarnitine
(RN) 93255-34-6
(SY) PDDC
(HM) *PYRENES
(HM) CARNITINE/*analogs
(NO) RN given in first source; RN not in Chemline 4/85

pyrenedodecanoyl CoA see pyrenedodecanoyl coenzyme A

pyrenedodecanoyl coenzyme A
(RN) 93255-33-5
(SY) PDCoA
(SY) pyrenedodecanoyl CoA
(SY) coenzyme A, pyrenedodecanoyl
(HM) *ACYL COENZYME A
(NO) RN given in first source; RN not in Chemline 4/85

pyrenelecithin
(RN) 70700-33-3
(SY) 1-palmitoyl-2-pyrenedecanoylphosphatidylcholine
(HM) *PHOSPHATIDYLCHOLINES

N-pyrenemaleimide see N-(3-pyrene)maleimide

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N-(1-pyrene)maleimide see N-(3-pyrene)maleimide

N-(3-pyrene)maleimide
(RN) 42189-56-0
(SY) N-(1-pyrene)maleimide
(SY) N-pyrenemaleimide
(HM) *MALEIMIDES
(II) SULFHYDRYL REAGENTS
(II) FLUORESCENT DYES
(NO) structure in first source

pyrenesulfonyl azide
(RN) 69489-90-3
(HM) *AZIDES
(NO) used as lipohilic photolabel

1,3,6,8-pyrene tetrasulfonate
(RN) 6528-53-6
(RR) 59572-10-0 (tetra-Na salt)
(RR) 63468-96-2 (Ca[1:2] salt)
(SY) PTSA
(HM) *PYRENES
(NO) RN given refers to parent cpd

6-pyrenylhexanoic acid
(HM) *HEXANOIC ACIDS

N-(1-pyrenyl)iodoacetamide
(RN) 76936-87-3
(SY) 1-PIAA
(HM) IODOACETAMIDE/*analogs
(II) FLUORESCENT DYES
(NO) fluorescent reagent

pyrenzepine see pirenzepin

pyrethrin receptor
(SY) receptor, pyrethrin
(SY) pyrethrin receptors
(HM) *RECEPTORS, SYNAPTIC
(II) PYRETHRINS

pyrethrin receptors see pyrethrin receptor

pyrextramine
(RN) 92588-09-5
(SY) N,N''-(dithio-2,1-ethanediyl)bis(N'-(pyrrol-2-yl:methyl)-1,6-hexanediamine)
(HM) CYSTAMINE/*analogs
(PA) ADRENERGIC ALPHA RECEPTOR BLOCKADERS
(NO) benextramine analog

PyrGalCer see
1-O-galactopyranosyl-N-(10-(1-pyrene-9-enedecanoyl) sphingosine)

Pyr-Hb-inulin see pyridoxyl-hemoglobin-inulin

Pyr-His-Dmp-NH2 see RX 77368

Pyr-His-Gly see pyroglutamyl-histidyl-glycine

pyridafenthion
(RN) 119-12-0
(SY) O,O-diethyl O-(3-oxo-2-phenyl-2H-pyridazin-6-yl) phosphorothioate
(SY) pyridaphenthion
(SY) ofunack
(HM) *ORGANOTHIOPHOSPHORUS COMPOUNDS
(PA) INSECTICIDES, ORGANOTHIOPHOSPHATE

pyridaphenthion see pyridafenthion

pyridate
(RN) 55512-33-9
(SY) O-(6-chloro-3-phenyl-4-pyridazinyl) carbonothioic acid S-octyl ester
(HM) *PYRIDAZINES
(PA) HERBICIDES
(NO) structure given in first source

3-pyridinaldehyde
(RN) 500-22-1
(SY) nicotinaldehyde
(HM) *ALDEHYDES

pyridindolol
(RN) 55812-46-9
(RR) 58589-14-3 (mono-HBr)
(RR) 60463-05-0 (mono-HCl)
(SY) 1-(1(R),2-dihydroxyethyl)-3-hydroxymethyl-9H-pyrido(3,4-b)indole
(HM) *CARBOLINES
(PA) GALACTOSIDASES/antag
(NO) beta-galactosidase inhibitor; RN from 9th CI; cpd not in Chemline 7/26/83; structure

pyridine
(RN) 110-86-1
(RR) 32001-55-1 (HF)
(RR) 17861-77-7 (monohydrate)
(RR) 543-53-3 (nitrate)
(RR) 55967-83-4 (perbromate-(82)Br-labeled cpd)
(RR) 15598-34-2 (perchlorate)
(RR) 49833-06-9 (perchlorate-(2)H-labeled cpd)
(RR) 16969-45-2 (hydride)
(RR) 34821-50-6 (hydride[2:1])
(RR) 55537-29-6 (cyanate)
(RR) 58888-59-8 (dinitrate)
(RR) 18820-83-2 (HI)
(RR) 18820-82-1 (HBr)
(RR) 628-13-7 (HCl)
(RR) 23679-02-9 (phosphate)
(RR) 35175-38-3 (monophosphate)
(RR) 39952-10-8 (diphosphate)
(RR) 41625-74-5 (phosphate[2:1])
(RR) 54548-58-2 (ion(2+))
(RR) 18263-81-5 (ion(1-).hydrogen)
(RR) 34516-74-0 (ion(1-).Li salt)
(RR) 36335-18-9 (ion(1-).K salt)
(RR) 34475-51-9 (ion(1-).Na salt)
(RR) 34114-35-7 (sulfate)
(RR) 543-54-4 (monosulfate)
(RR) 58888-60-1 (disulfate)
(RR) 18715-41-8 (sulfate[2:1])
(HM) *PYRIDINES
(NO) RN given refers to parent cpd

3-pyridine-aldoxime
(RN) 1193-92-6
(SY) 3-pyridinecarboxaldehyde oxime
(HM) *OXIMES

pyridine-2-azo-4-dimethylaniline cephalosporin
(RN) 77449-91-3
(SY) PADAC
(HM) *CEPHALOSPORINS
(II) CHROMOGENIC COMPOUNDS
(NO) cephalosporin which changes from purple to yellow upon cleavage if its beta-lactam ring; structure given in first source

pyridine beta-galactoside
(HM) *PYRIDINES
(HM) *GALACTOSIDES

pyridine borane
(RN) 110-51-0
(HM) *PYRIDINES
(HM) *BORANES
(II) INDICATORS AND REAGENTS
(NO) reduces tryptophan to dihydrotryptophan; inactivates lysozyme in trifluoroacetic acid

2-(3-pyridinecarbonylamino)-2-deoxyglucose tetra-3-pyridinecarboxylate see glunicate

2-pyridinecarboxaldehyde-1-oxide-3,4-dimethoxybenzene sulfonylhydrazone
(RN) 73736-93-3
(SY) 3,4-DSP
(HM) *HYDRAZONES
(PA) ANTINEOPLASTIC AGENTS
(NO) structure given in first source

3-pyridinecarboxaldehyde oxime see 3-pyridine-aldoxime

(pyridine-2-carboxaldehyde-2'-pyridylhydrazonato)copper(II)
(RN) 46847-77-2
(SY) PCPH-Cu
(SY) (pyridine-2-carboxaldehyde-2'-pyridylhydrazonato)Cu(II) dichloride
(HM) *ORGANOMETALLIC COMPOUNDS
(PA) ANTINEOPLASTIC AGENTS
(NO) structure given in first source

(pyridine-2-carboxaldehyde-2'-pyridylhydrazonato)Cu (II) dichloride see
(pyridine-2-carboxaldehyde-2'-pyridylhydrazonato) copper(II)

4-pyridinecarboxamide see isonicotinamide

3-pyridine carboxylic acid 2-(2-(4-chlorophenoxy)-2-methyl-1-oxopropoxy)-1,3-propanediyl ester see binifibrate

2-pyridine carboxylic acid see picolinic acid

2,6-pyridinedicarboxylate see dipicolinic acid

3,5-Pyridinedicarboxylic acid, 1,4-dihydro-2,6-dimethyl-4-(3-nitrophenyl)-, bis(2-propoxyethyl)ester see niludipin

pyridine-2,5-dicarboxylic acid
(RN) 100-26-5
(RR) 52010-27-2 (di-Na salt)
(RR) 51109-25-2 (unspecified Na salt)
(HM) *PYRIDINES
(NO) RN given refers to parent cpd

2,6-pyridinediyldimethylene bis(3,4,5- trimethoxybenzoate) see pirozadil

pyridine 1,N(6)-ethenoadenine dinucleotide
(SY) EPDAD
(HM) *ADENINE NUCLEOTIDES
(II) FLUORESCENT DYES
(NO) structure given in first source

pyridine hemochrome
(RN) 15629-11-5
(SY) protohemochrome
(HM) HEME/*analogs

N-pyridine-NADH see
3-((3-carboxy-3-oxopropyl)aminocarbonyl)-1,4-adenine dinucleotide

pyridine-specific endoribonuclease see endoribonuclease VII

2-pyridinethiol 1-oxide see pyrithione

Pyridinium, 3-amino-1-(5-O-(hydroxy(phosphonooxy) phosphinyl)-beta-D-ribofuranosyl)-, P'-5'-ester with 3-(2-O-phosphono-beta-D-ribofuranosyl)-3H-imidazo(2,1-i)purine, innner salt see 3-aminopyridine 1,N(6)-ethenoadenine dinucleotide phosphate

pyridinoline
(RN) 63800-01-1
(HM) *AMINO ACIDS
(NO) 3-hydroxypyridinium derivative collagen crosslink; structure

pyridinoline galactoside see galactosylpyridinoline

2-pyridinone see 2-hydroxypyridine

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4-((2-pyridinylmethyl)amino)benzoic acid
(RN) 5966-18-7
(SY) 4-2-PMABA
(HM) *AMINOBENZOIC ACIDS
(PA) THROMBOXANE SYNTHETASE/antag
(NO) structure given in first source

4-((3-pyridinylmethyl)amino)benzoic acid
(RN) 5966-19-8
(SY) 4-3-PMABA
(HM) *AMINOBENZOIC ACIDS
(PA) THROMBOXANE SYNTHETASE/antag
(NO) structure given in first source

5-(3'-pyridinylmethyl)benzofuran-2-carboylate sodium see U 63557A

(E)-3-(4-(3-pyridlymethyl)phenyl)-2-methylacrylic acid see OKY 1581

pyridobenzothiazines
(HM) *THIAZINES
(NO) major descriptor (64-84); on-line search THIAZINES (64-84); Index Medicus search PYRIDOBENZOTHIAZINES (64-84)

7H-Pyrido(1,2,3-de)-1,4-benzoxazine-6-carboxylic acid, 9-fluoro-2,3-dihydro-3-methyl-10-(4-methyl-1-piperazinyl)-7-oxo- see DL 8280

pyrido(3,4-b)indole-3-carboxylic acid ethyl ester see beta-carboline-3-carboxylic acid ethyl ester

pyrido(3,4-c)-7-methylpsoralen
(SY) PMPSL
(HM) *PSORALENS
(PA) MUTAGENS
(NO) structure given in first source

pyrido(3,4-c)psoralen
(HM) *PSORALENS
(PA) MUTAGENS
(NO) structure given in ifrst source

11H-pyrido(2,1-b)quinazolin-11-one
(RN) 578-96-1
(SY) 11-PQ
(HM) *QUINAZOLINES
(PA) BRONCHODILATOR AGENTS
(NO) structure given in first source

pyridoxalated polymerized hemoglobin see polyhemoglobin-pyridoxal-5-phosphate

pyridoxal dehydrogenase
(RN) EC 1.1.1.107
(HM) *ALCOHOL OXIDOREDUCTASES

pyridoxal(5')diphospho(1)-glucose
(RN) 80503-46-4
(SY) 5-PDPG
(HM) PYRIDOXAL PHOSPHATE/*analogs

pyridoxal-P hydrolase see pyridoxine phosphate phosphatase

pyridoxal isonicotinoyl hydrazone
(RN) 737-86-0
(SY) ferric pyridoxal isonicotinoyl hydrazone
(HM) PYRIDOXAL/*analogs
(HM) ISONIAZID/*analogs
(II) CHELATING AGENTS
(II) IRON CHELATES
(NO) acts as iron chelating agent

pyridoxal methyloxime
(RN) 26323-27-3
(HM) PYRIDOXAL/*analogs

pyridoxal oxidase
(RN) EC 1.2.-
(HM) *ALDEHYDE OXIDOREDUCTASES

pyridoxal-5-phosphatase
(RN) EC 3.1.3.-
(HM) *PHOSPHOMONOESTERASES

pyridoxal 5'-phosphate-binding protein
(SY) PLP-binding protein
(HM) *CARRIER PROTEINS
(II) PYRIDOXAL PHOSPHATE

pyridoxal phosphate phosphatase see pyridoxine phosphate phosphatase

pyridoxal phosphate receptor
(SY) receptor, pyridoxal 5'-phosphate
(SY) pyridoxal phosphate receptors
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) PYRIDOXAL PHOSPHATE

pyridoxal phosphate receptors see pyridoxal phosphate receptor

pyridoxal 5'-sulfate
(RN) 40225-35-2
(HM) PYRIDOXAL/*analogs

pyridoxamine-P hydrolase see pyridoxine phosphate phosphatase

pyridoxamine-P see pyridoxamine phosphate

pyridoxamine phosphate
(RN) 529-96-4
(RR) 951-83-7 (HCl)
(SY) pyridoxamine-P
(HM) PYRIDOXAMINE/*analogs
(NO) RN given refers to parent cpd; structure

pyridoxamine phosphate phosphatase see pyridoxine phosphate phosphatase

4-pyridoxic acid dehydrogenase
(RN) EC 1.1.99.-
(HM) *ALCOHOL OXIDOREDUCTASES
(NO) from membrane of Pseudomonas MA-1; forms 2-methyl-3-hydroxy-5-formylpyridine-4-carboxylic acid; 2,6-dichloroindophenol, phenazine methosuifate & menadione are electron acceptors, while NAD, FAD & O2 are inactive

pyridoxilate
(RN) 17692-44-3
(SY) Glyo-6
(SY) piridoxilat
(HM) PYRIDOXINE/*analogs
(NO) structure

pyridoxine-alpha-ketoglutarate see conductase

pyridoxine 3,4-dioctanoate
(RN) 635-36-9
(HM) PYRIDOXINE/*analogs
(NO) causes contact dermitiis

pyridoxine-2-oxoglutarate see conductase

pyridoxine phosphate see pyridoxine 5-phosphate

pyridoxine phosphate phosphatase
(RN) EC 3.1.3.-
(SY) pyridoxal phosphate phosphatase
(SY) pyridoxamine phosphate phosphatase
(SY) pyridoxal-P hydrolase
(SY) pyridoxamine-P hydrolase
(HM) *PHOSPHOMONOESTERASES
(NO) involved in metabolism of vitamin B(6)

pyridoxine 5-phosphate
(RN) 447-05-2
(RR) 62511-96-0 (HCl)
(SY) 5-phosphopyridoxine
(SY) pyridoxine phosphate
(HM) PYRIDOXAL PHOSPHATE/*analogs
(NO) RN given rfers to parent cpd

pyridoxylated hemoglobin-inulin see pyridoxyl-hemoglobin-inulin

pyridoxyl glutamic acid see pyridoxylideneglutamate

pyridoxyl-hemoglobin-inulin
(SY) Pyr-Hb-inulin
(SY) pyridoxylated hemoglobin-inulin
(HM) *HEMOGLOBINS
(II) BLOOD SUBSTITUTES

pyridoxylidene glutamate see pyridoxylideneglutamate

pyridoxylideneglutamate
(RN) 13934-03-7
(SY) pyridoxyl glutamic acid
(SY) pyridoxylidene glutamate
(HM) *GLUTAMATES
(NO) in conjunction with technetium it is a hepatobiliary radiopharmaceutical; see also record for technetium Tc 99m pyridoxylidene glutamate; structure

3-pyridylalanine
(RN) 76478-28-9
(SY) DL-3-pyridylalanine
(HM) ALANINE/*analogs

DL-3-pyridylalanine see 3-pyridylalanine

1-(2-pyridylazo)-2-naphthol
(RN) 85-85-8
(SY) PAN reagent
(HM) *NAPHTHOLS
(II) CHELATING AGENTS

4-(2-pyridylazo)resorcinol
(RN) 1141-59-9
(RR) 52722-53-9 (di-Na salt)
(RR) 70258-82-1 (Na salt)
(SY) PAR
(HM) *RESORCINOLS
(NO) RN given refers to parent cpd

3-(2-pyridyl)-5,6-bis(2-(furylsulfonic acid))-1,2,4- triazine see Ferene-S

3-(2-pyridyl)-5,6-bis(2-furyl)-1,2,4-triazine see Ferene Triazine

N-(4-pyridylcarbonylamino)-1,2,3,6-tetrahydropyridine
(SY) PATP
(HM) *PYRIDINES

1-(3-pyridyl)-3,3-diethyltriazene
(RN) 21600-43-1
(RR) 52731-41-6 (cpd with unspecified pyridine locant)
(SY) PYDAT
(HM) *TRIAZENES
(PA) CARCINOGENS
(NO) structure given in first source

1-(3-pyridyl)-3,3-dimethyltriazene
(RN) 19992-69-9
(HM) *TRIAZENES
(PA) MUTAGENS
(NO) structure

3-(2-pyridyl)-5,6-diphenyl-1,2,4-triazine
(RN) 1046-56-6
(SY) PDPT
(HM) *TRIAZINES

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3-(2-pyridyldithio)propionylcalmodulin
(SY) PDP-CaM
(SY) calmodulin-PDP
(HM) CALCIUM DEPENDENT REGULATOR/*analogs

3-(2-pyridyldithio)propionyl- polyglutamic acid
(SY) Py-SS-PLGA
(HM) *POLYGLUTAMIC ACID/analogs
(HM) *PYRIDINES
(NO) used as drug carrier in studies on antitumor-cytotoxic drug conjugates as potential antitumor agents; structure given in first source

N-(3-(2-pyridyldithio)propionyl) stearylamine
(SY) PDP-SA
(HM) *PYRIDINES
(NO) used for covalently binding antibodies to liposomes

2-pyridylethylamine see Lilly 04432

2-(2-pyridyl)ethylamine see Lilly 04432

(2-(2-pyridyl)ethyl)diethylmethylammonium iodide see (2-(2-pyridyl)ethyl)diethylmethylammonium

(2-(2-pyridyl)ethyl) diethylmethylammonium
(RN) 6893-34-1
(SY) (2-(2-pyridyl)ethyl)diethylmethylammonium iodide
(SY) 2-PEDMA
(HM) *AMMONIUM COMPOUNDS
(PA) ALKYLATING AGENTS
(NO) slows aging of cholinesterase reactivating cpds; structure given in first source; RN given refers to iodide; RN for parent cpd not in Chemline 2/85

(2-(4-pyridyl)ethyl) diethylmethylammonium
(RN) 93185-40-1
(SY) 4-PEDMA
(HM) *AMMONIUM COMPOUNDS
(PA) ALKYLATING AGENTS
(NO) slows aging of cholinesterase reactivating cpds; RN & structure given in first source; RN not in Chemline 2/85; RN given refers to iodide

1-(2-(2-(4-pyridyl)-2-imidazoline-1-yl)ethyl)-3-(4-carboxyphenyl)urea see CGP 15720 A

2,2'-pyridylisatogen tosylate
(RN) 56583-49-4
(HM) *ISATIN/analogs
(PA) ATP/antag
(NO) exerts inhibitory effect on action of ATP on smooth muscle; structure

2,2'-pyridylisatogen
(RN) 2922-11-4
(HM) *ISATIN/analogs
(NO) structure

4-pyridylmethylamine
(HM) *METHYLAMINES
(NO) structure given in first source

1-(3-pyridylmethyl)-3-(4-nitrophenyl)urea see vacor

N-(3-pyridylmethyl)-N'-(p-nitrophenyl)urea see vacor

3-(4-(3-pyridylmethyl)phenyl)-2-methyl-2-propenoic acid see OKY 1581

5(6)-(4-(2-pyridylpiperazino)carbamoyl)benzimidazole-2-carbamate methyl ester see CDRI 81-470

pyridyl-3-tetrazole see 5-(3-pyridyl)tetrazole

5-(3-pyridyl)tetrazole
(RN) 3250-74-6
(RR) 56911-34-3 (5-(13)C-labeled cpd)
(SY) P 5722
(SY) pyridyl-3-tetrazole
(HM) *TETRAZOLES
(PA) ANTILIPEMIC AGENTS
(NO) RN given refers to parent cpd

2-(4-pyridyl)thiazolidine-4-carboxylic acid
(RN) 51226-84-7
(SY) 2-PT-4-C
(HM) PROLINE/*analogs

pyrimethamine 3-N-oxide
(RN) 67412-31-1
(HM) PYRIMETHAMINE/*analogs
(NO) metabolite of pyrimethamine; structure given in first source

pyrimethamine pamoate
(RN) 85819-86-9
(HM) PYRIMETHAMINE/*analogs
(PA) ANTIMALARIALS
(NO) long-acting antimalarial; structure given in first source

pyrimidine
(RN) 289-95-2
(HM) *PYRIMIDINES

5-Pyrimidinecarboxylic acid, 4-butoxy-5-fluorohexahydro-2,6-dioxo-, ethyl ester, cis-(+-)- see TAC 278

pyrimidine deoxyribonucleoside 2'-hydroxylase see thymidine,2-oxoglutarate dioxygenase

pyrimidine deoxyribonucleoside kinase
(RN) EC 2.7.-
(HM) *PHOSPHOTRANSFERASES, ATP
(NO) consider also THYMIDINE KINASE (ec 2.7.1.21) or DEOXYCYTIDINE KINASE (EC 2.7.1.74)

pyrimidine dimer-DNA glycosylase
(RN) EC 3.1.25.17
(SY) 5' dimer DNA glycosylase-3'-apyrimidinic endonuclease
(HM) *NUCLEOSIDASES
(NO) cleaves the 5' residue of a pyrimidine dimer, giving an apyrimidinic site & a mixed pyrimidine/pyrimidine nucleotide dimer; associated endonuclease cleaves 3' to the apyrimidinic site, giving a 3'-deoxyribose moiety & a 5'-phosphate

pyrimidine dimer specific endonuclease see endodeoxyribonuclease (pyrimidine dimer)

2,4(1H,3H)-Pyrimidinedione, 1-((2-hydroxyethyoxy) methyl)-5-((3-(phenylmethoxy)phenyl)methyl)- see 5-benzyloxybenzylacyclouridine

pyrimidine nucleoside monophosphate kinase see cytidylate kinase

pyrimidine-nucleoside phosphorylase
(RN) EC 2.4.2.2
(RR) 9055-35-0 (CRN)
(SY) pyrimidine nucleoside phosphorylase
(HM) *PENTOSYLTRANSFERASES
(NO) consider uridine phosphorylase & thymidine phosphorylase

pyrimidine nucleoside phosphorylase see pyrimidine-nucleoside phosphorylase

pyrimidine 5'-nucleotidase see 5'-nucleotidase

pyrimidine-5'-nucleotidase see 5'-nucleotidase

pyrimidine phosphoribosyltransferase
(RN) EC 2.4.2.-
(HM) *PENTOSYLTRANSFERASES
(NO) pyrimidine monophosphate & pyrophosphate gives pyrimidine & phosphoribosyl pyrophosphate; acts with uracil, orotic acid or fluorouracil

2(1H)-pyrimidinone, 4-amino-1-(2-deoxy-2-fluoro-beta-D-arabinofuranosyl)-5-iodo- see 2'-fluoro-5-iodo-1-beta-D-arabinofuranosylcytosine

1-(2-pyrimidinyl)piperazine
(RN) 20980-22-7
(HM) *PIPERAZINES
(NO) metabolite of buspirone; structure given in first source

2-(4-(4-(2-pyrimidinyl)-1-piperzinyl)butyl)-1,2-benzisothiazol-3-(2H)-one-1,1-dioxide HCl see TVX Q 7821

8-(4-(4-(2-pyrimidiny)-1-piperazinyl)butyl)-8-azaspiro(4,5)decane-7,9-dione.HCl see buspirone

pyrimidodiazepine synthase
(RN) EC 1.2.4.-
(SY) PDA synthase
(HM) *KETONE OXIDOREDUCTASES
(NO) converts pyruvoyl-H4-pterin to pyrimidodiazepine by removal of a methyl group & reduction of a ketone group; requires glutathione

1-(2-pyrimidyl)-4-(3,4-dihydroxybenzyl)piperazine see S 584

pyriminil see vacor

pyriminyl see vacor

pyrimor see pirimicarb

pyrisuccideanol
(RN) 33605-94-0
(RR) 53659-00-0 (dimaleate)
(RR) 33510-78-0 (monomaleate)
(SY) pyrisuccideanol dimaleate
(SY) stivane
(HM) *PYRIDINES
(NO) cerebral stimulant; RN given refers to parent cpd; synonym stivane refers to dimaleate; structure

pyrisuccideanol dimaleate see pyrisuccideanol

pyrite
(RN) 1309-36-0
(RR) 1317-66-4 (Fe-S2 marcosite)
(RR) 12068-85-8 (Fe-S2 iron disulfide)
(HM) *SULFIDES
(HM) *IRON
(NO) air pollutant dust; inert model; RN given refers to cpd with MF of Fe-S2

pyrithidium bromide
(RN) 14222-46-9
(SY) Prothidium
(HM) *PHENANTHRIDINES
(PA) ANTIPROTOZOAL AGENTS

pyrithione
(RN) 1121-30-8
(RR) 33397-07-4 (K salt)
(RR) 30569-24-5 (Ca[2:1] salt)
(RR) 64420-92-4 (Mg[2:1] salt)
(RR) 25142-21-6 (Ba[2:1] salt)
(RR) 15922-78-8 (Na salt)
(SY) omadine
(SY) 2-pyridinethiol 1-oxide
(SY) 2-mercaptopyridine N-oxide
(HM) *PYRIDINES
(PA) ANTIFUNGAL AGENTS
(NO) split from cephalosporin molecule; RN given refers to parent cpd; structure

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pyrithyldione
(RN) 77-04-3
(SY) Persedon
(SY) benedorm
(SY) didropyridine
(SY) 3,3-diethyl-1,2,3,4-tetrahydro-2,4-pyridinedione
(HM) *PYRIDONES
(PA) HYPNOTICS AND SEDATIVES
(NO) structure

pyrlindole see pirlindole

pyro-Aad-His-Tzl-NH2 see MK-771

pyro(l-alpha-aminoadipyl)-L-histidyl-L-thiazolidine-4-carboxamide see MK-771

pyro-2-aminoadipylhistidylthiazolidine-4-carboxyamide see MK-771

pyroantimonate
(RN) 23601-23-2
(RR) 13520-62-2 (pyroantimonic acid)
(RR) 13939-36-1 (di-Cd salt)
(RR) 14621-14-8 (di-Ca salt)
(RR) 10090-54-7 (di-K salt.tetrahydrate)
(RR) 39055-71-5 (di-Mn(2+) salt)
(RR) 38668-35-8 (dihydride)
(RR) 14104-34-8 (di-K salt)
(RR) 15702-48-4 (di-Sr salt)
(RR) 18262-96-9 (mono-Sn(4+) salt)
(HM) *ANTIMONY
(NO) RN from 9th CI, Chem Subs Index & given refers to ion; see also potassium antimonate: 16210-51-8, sodium antimonate: 20602-01-1

pyroantimonate-osmium
(SY) pyroantimonate-osmium reaction
(HM) *ANTIMONY
(HM) *OSMIUM

pyroantimonate-osmium reaction see pyroantimonate-osmium

pyrocatechase see catechol 1,2-dioxygenase

pyrocatechol see catechol

pyrocatechol-2,3-oxygenase see catechol-2,3-dioxygenase

pyrocatechol violet
(RN) 115-41-3
(HM) *BENZENESULFONATES
(II) DYES
(NO) triphenylmethane dye which inhibits synthesis of globin in reticulocyte lysates; inhibits initiation of protein synthesis; structure

o-pyrocatechuic acid see 2-pyrocatechuic acid

2-pyrocatechuic acid
(RN) 303-38-8
(RR) 875-28-5 (Na salt)
(SY) 2,3-dihydroxybenzoate
(SY) ferri-2,3-dihydroxybenzoic acid
(SY) 2,3-dihydroxybenzoic acid
(SY) o-pyrocatechuic acid
(HM) *HYDROXYBENZOIC ACIDS
(II) IRON CHELATES
(NO) RN given refers to parent cpd

pyroclavin see costaclavin

pyro-gamma-carboxyglutamic acid
(SY) 4-carboxy-5-oxoproline
(HM) *PYRROLIDONECARBOXYLIC ACID/analogs
(NO) structure given in first source

pyrogastrone
(RN) 78515-90-9
(SY) Olean-12-en-29-oic acid, 3-(3-carboxy-1-oxopropoxy)-11-oxo-, disodium salt, (3beta, 20beta)-, mixt. with aluminum hydroxide, silicic acid (H2Si3O7) magnesium salt (1:1) and sodium hydrogen carbonate
(SY) Olean-12-en-29-oic acid, 3-(3-carboxy-1-oxopropoxy)-11-oxo-, disodium salt, (3beta, 20beta)-, mixt. with aluminum hydroxide (Al(OH) 3), silicic acid (H2Si3O7) magnesium salt (1:1) and sodium hydrogen carbonate
(HM) *CARBENOXOLONE
(HM) *ALUMINUM HYDROXIDE
(HM) *ALGINATES
(HM) *SILICIC ACID
(HM) *BICARBONATES
(HM) DRUG COMBINATIONS
(PA) ANTACIDS
(NO) contains carbenoxolone, aluminum hydroxy, magnesium trisilicate, sodium bicarbonate & alginic acid

pyrogenal
(SY) pirogenal
(HM) *LIPOPOLYSACCHARIDES
(PA) ANTI-INFLAMMATORY AGENTS
(PA) PYROGENS
(NO) purified protein-free pyrogenic preparation of bacterial origin

pyrogenic exotoxin B, Staph aureus see Staphylococcal pyrogenic exotoxin type B

pyrogenic exotoxin C, Staph aureus see Staphylococcal pyrogenic exotoxin C

pyro-Gln-Ser-Gly-amide see pyroglutamyl-seryl-glycinamide

pyro-Gln-Ser-Leu-amide see pyroglutaminyl-seryl-leucinamide

pyroGlu-Glu-Asp-Gly-OH see pyroglutamyl-glutamyl-asparaginyl-glycine

pyro-Glu-His-Gly-OH see pyroglutamyl-histidyl-glycine

pyroglu-3-methyl-histidyl-prolinamide see 3-methyl-TRH

pyro-Glu-Pro-Val-pNA see S 2484

pyroglutamic acid-beta-naphthylamide see pyrrolidonyl-beta-naphthylamide

pyroglutamic acid chloromethyl ketone
(RN) 77319-03-0
(SY) PGCMK
(SY) pGlu-chloromethyl ketone
(HM) *AMINO ACID CHLOROMETHYL KETONES

pyroglutamine-serine-leucinamide see pyroglutaminyl-seryl-leucinamide

pyroglutaminyl-seryl-leucinamide
(RN) 73684-80-7
(SY) pyro-Gln-Ser-Leu-amide
(SY) pyroglutamine-serine-leucinamide
(SY) thyrotropin releasing hormone-AN
(SY) TRH-AN
(SY) Pyr-Ser-Leu-NH2
(SY) pyroglutamylserylleucinamide
(HM) *OLIGOPEPTIDES

pyroglutamyl diazomethyl ketone
(SY) PGDMK
(HM) *PYRROLIDONECARBOXYLIC ACID/analogs
(PA) PYROGLUTAMATE AMINOPEPTIDASE/antag
(NO) structure given in first source

pyroglutamyl-glutamyl-asparaginyl-glycine
(SY) pyroGlu-Glu-Asp-Gly-OH
(SY) pGlu-Glu-Asp-GlyOH
(HM) *OLIGOPEPTIDES
(NO) found in urine of lipodystrophic patients with insulin-resistant diabetes; induces insulin release only at high blood glucose levels

pyroglutamyl-glutamyl-aspartyl-cysteinyl-hydroxylysine see hemoregulatory peptide 5b

pyroglutamyl-histidyl-alanine
(RN) 82780-19-6
(SY) pGlu-His-Ala
(SY) pGlu-His-Ala-OH
(HM) *OLIGOPEPTIDES
(NO) inhibits deoxyglucose-induced gastric acid secretion

pyroglutamyl-histidyl-amphetamine
(RN) 67543-14-0
(HM) THYROTROPIN RELEASING HORMONE/*analogs
(HM) *AMPHETAMINES

L-pyroglutamyl-L-histidyl-3,3-dimethylprolinamide see RX 77368

pyroglutamylhistidyl-N-ethylamide
(RN) 65213-42-5
(SY) pGlu-His-EA
(HM) *DIPEPTIDES
(PA) APPETITE DEPRESSANTS
(NO) reduces food consumption

pyroglutamyl-histidyl-glycine
(RN) 69275-10-1
(SY) pGlu-His-Gly-OH
(SY) pGlu-His-Gly
(SY) Ro 14-61332
(SY) Pyr-His-Gly
(SY) anorexigenic peptide
(SY) pyro-Glu-His-Gly-OH
(HM) *OLIGOPEPTIDES
(PA) APPETITE DEPRESSANTS
(II) THYROTROPIN RELEASING HORMONE/analogs
(NO) anorexigenic peptide isolated from urine of patients with anorexia nervosa & from urine of fasted rats & mice

pyroglutamyl-histidyl-proline see deamido-TRH

pyroglutamyl-histidyl-prolyl-glycine
(RN) 85344-77-0
(SY) pGlu-His-Pro-GlyOH
(HM) *OLIGOPEPTIDES
(NO) substrate for enzymatic conversion to TRH; RN given refers to all (L)-isomer; RN for cpd without isomeric designation not in Chemline 7/84

pyroglutamylleucine
(RN) 21282-11-1
(SY) pGlu-Leu
(HM) *DIPEPTIDES
(NO) RN given refers to L-leucine; RN for cpd without isomeric designation not in Chemline 7/84

pyroglutamyl-leucyl-asparginyl-phenylalanyl-seryl-prolyl-glycyl-tryptophanamide see red pigment-concentrating hormone

pyroglutamyl-leucyl-tryptophyl-alanyl-threonyl-glycyl-histidyl-phenylalanyl-methioninamide see Rohdei-litorin

pyroglutamyl-3-methylhistidyl-glycine
(RN) 82780-18-5
(SY) pGlu-3-Me-His-Gly
(SY) pGlu-3-Me-His-Gly-OH
(HM) *OLIGOPEPTIDES
(NO) inhibits deoxyglucose-induced gastric acid secretion

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pyroglutamyl-N(1)-methylhistidylprolinamide see 1-methyl-TRH

5-pyroglutamyl-8-methylphenylalanyl-9-methylglycine-substance P(5-11) see substance P(5-11), pGlu(5)-MePhe(8)-MeGly(9)-

5-pyroglutamyl-8-methylphenylalanyl-9-sarcosine- substance P see substance P, pGlu(5)-MePhe(8)-Sar(9)-

pyroglutamyl-phenylalanyl-glycine
(SY) pGlu-Phe-Gly
(SY) pGlu-Phe-Gly-OH
(HM) *OLIGOPEPTIDES
(NO) inhibits deoxyglucose-induced gastric acid secretion

pyroglutamyl-phenylalanyl-leucine-4-nitroanilide
(RN) 85901-57-1
(SY) pGlu-Phe-Leu-pNA
(HM) *OLIGOPEPTIDES
(II) CHROMOGENIC COMPOUNDS
(NO) chromogenic substrate for thiol proteinase assay; RN given refers to all (L)-isomer; RN for cpd without isomeric designation not available 7/85

1-pyroglutamyl-2-phenylalanyl-3,6-tryptophan-LHRH see LHRH, pGlu(1)-Phe(2)-Trp(3,6)-

1-pyroglutamyl-2-phenylalanyl-3-tryptophyl-6-lysine-LHRH see LHRH, pGlu(1)-Phe(2)-Trp(3)-Lys(6)-

pyroglutamyl-phenylalanyl-tryptophyl-seryl-lysine(6)-(N-azidobenzoyl)GNRH see LHRH, pGlu-Phe-Trp-Ser-Lys(6)-N-epsilon-azidobenzoyl-

pyroglutamyl-prolyl-arginine-4-nitroanilide see S 2366

pyroglutamyl-1-prolyl-2-phenylalanyl-3,6-tryptophan-LHRH see LHRH, pGlu-Pro(1)-Phe(2)-Trp(3,6)-

pyroglutamyl-prolyl-prolyl-glycyl-glycyl-seryl-lysyl-valyl-isoleucyl-leucyl-phenylalanyl see head activator peptide

pyroglutamyl-proly-valine-4-nitroanilide see S 2484

pyroglutamyl-seryl-glycinamide
(RN) 51095-58-0
(SY) pyro-Gln-Ser-Gly-amide
(HM) *OLIGOPEPTIDES

pyroglutamylseryllecinamide see pyroglutaminyl-seryl-leucinamide

pyroglutamyl substance P(7-11) see Substance P(6-11), pGlu(6)-

pyroglutamyl-valyl-prolyl-glutaminyl-tryptophanyl-alanyl-valyl-glycyl-histidyl-phenylalanyl- methionylamide see ranatensin

pyro-Glu-Val-Pro-Gln-Trp-Ala-Val-Gly-His-Phe-Met-amide see ranatensin

pyrolytic carbon
(HM) *CARBON
(II) HEAT
(II) DENTAL IMPLANTATION
(NO) material used in aortic Bjork Shiley & St. Jude heart valve prosthesis; hydrocarbon cracked at temp "below about 1500 degrees C" and is called low-temperature -isotropic or pyrolytic carbon; carbongraphite alloy

pyromecaine see bumecain

pyromecaine-collagen ointment see bumecain

pyromeconic acid
(RN) 496-63-9
(SY) 3-hydroxy-4-pyrone
(HM) *CHROMONES
(NO) from herb Dengzhanhua; no other information available 7/16/81; structure

pyromellitic acid dianhydride-2-hydroxyethyl methacrylate adduct
(SY) PMDM
(HM) *METHACRYLATES
(HM) *BENZOATES
(II) BONDING, DENTAL
(NO) dentin bonding agent; addition reaction product of pyromellitic acid anhydride & HEMA made by Esschem Co., Essington PA

pyromellitic diimide
(RN) 2550-73-4
(RR) 2658-18-6 (di-K salt)
(HM) *IMIDOESTERS
(NO) RN given refers to parent cpd

Pyromen see Piromen

pyronaridine
(RN) 74847-35-1
(SY) 7351
(SY) malaridine
(SY) 2-methoxy-7-chloro-10-(3',5'-bis(pyrrolin-1-ylmethyl)-4'-hydroxyphenylamino)benzo(b)-1,5-naphthyridine
(SY) benzonaphthyridine 7351
(HM) *NAPHTHYRIDINES
(PA) ANTIMALARIALS
(NO) structure in first source

2-pyrone-4,6-dicarboxylic acid hydrolase
(RN) EC 3.1.1.-
(SY) 2-PDCA hydrolase
(HM) *CARBOXYLIC ESTER HYDROLASES

pyronopaline
(RN) 86630-17-3
(SY) N-(4-((aminoiminomethyl)amino)-1-carboxybutyl)-2-pyrrolidone-5-carboxylic acid
(HM) ARGININE/*analogs
(NO) opine present in crown gall tumor tissue ; catabolized by A. tumefaciens

pyropheophorbide a
(RN) 24533-72-0
(HM) CHLOROPHYLL/*analogs
(NO) RN given refers to (3S-trans)-isomer; RN for parent cpd not in Chemline 3/15/84

pyrophosphate-fructose 6-phosphate 1-phosphotransferase
(RN) EC 2.7.1.90
(SY) pyrophosphate phosphofructokinase
(SY) inorganic pyrophosphate-D-fructose 6-phosphate 1-phosphotransferase
(HM) *PHOSPHOTRANSFERASES

pyrophosphate-nucleoside kinase
(RN) EC 2.7.1.-
(SY) PPi dependent nucleoside kinase
(HM) *PHOSPHOTRANSFERASES
(NO) from Acholeplasma laidlawii; phosphorylates adenosine, inosine, & guanosine to the corresponding mononucleotides

pyrophosphate phosphofructokinase see pyrophosphate-fructose 6-phosphate 1- phosphotransferase

pyrophosphate-serine phosphotransferase
(RN) EC 2.7.1.80
(HM) *PHOSPHOTRANSFERASES
(NO) catalyzes the conversion of pyrophosphate & serine to form phosphoserine & orthophosphate

pyrophosphatidic acids
(HM) *PHOSPHATIDIC ACIDS
(NO) new phospholipid from Cryptococcus neoformans

3'-pyrophospho-CoA see 3'-pyrophosphoryl-coenzyme A

pyrophosphomevalonate decarboxylase
(RN) EC 4.1.1.33
(SY) MEVPP decarboxylase
(SY) mevalonate pyrophosphate decarboxylase
(HM) *CARBOXY-LYASES

3'-pyrophosphoryl-coenzyme A
(SY) 3'-pyrophospho-CoA
(SY) coenzyme A, 3'-pyrophosphoryl-
(HM) COENZYME A/*analogs

pyrovalerone
(RN) 3563-49-3
(RR) 1147-62-2 (HCl)
(SY) 4'-methyl-2-(1-pyrrolidinyl)valerophenone
(SY) F 1983
(SY) Centroton
(HM) *PYRROLIDINES
(PA) ANALEPTICS
(NO) RN given refers to parent cpd; synonyms F 1983 & Centroton refer to HCl; structure

pyroxan see proroxan

pyrrolcholine
(RN) 45651-66-9
(RR) 54770-67-1 (iodide)
(SY) pyrrolidinecholine
(SY) N-hydroxyethylpyrrolidinium methiodide
(HM) *PYRROLIDINES
(NO) RN given refers to parent cpd; synonym N-hydroxyethylpyrrolidinium methiodide refers to iodide

2-pyrrolecarboxylic acid
(RN) 634-97-9
(RR) 38253-75-7 (mono-Na salt)
(HM) PROLINE/*analogs
(NO) hypocalcemic action; RN from 9th CI, Chem Subs Index; RN given refers to parent cpd; structure

pyrrolidinecholine see pyrrolcholine

pyrrolidine dithiocarbamic acid
(RN) 25769-03-3-
(RR) 5108-96-3 (NH4 salt)
(RR) 872-71-9 (Na salt)
(SY) ammonium tetramethylene dithiocarbamate
(SY) ammonium pyrrolidine dithiocarbamate
(HM) *PYRROLIDINES
(HM) *THIOCARBAMATES
(NO) spelled pyrolidine in J Nutr 1979 reference; RN given refers to parent cpd

4-(2-(4-pyrrolidinocarbonylmethyl)piperazino) ethyloxycarbonyl)phenyl 5-methoxyindole-3-acetate dihydrochloride see FK 375

1-(4-(pyrrolidinoethoxy)phenyl)-2-phenyl-5- methoxyindan see E 1487

2-pyrrolidinone see 2-pyrrolidone

N-(5-pyrrolidinopent-3-ynyl)succinimide see BL-14

4-N-pyrrolidinylazobenzene
(RN) 10282-34-5
(HM) *AZO COMPOUNDS
(PA) CARCINOGENS
(NO) structure given in first source

1-((1-pyrrolidinylcarbonyl)methyl)-4-(3,4,5-trimethoxycinnamoyl)piperazine see cinepazide

2-(1-pyrrolidinyl)cyclohexyl 3- pentyloxycarbanilic acid ester see pentacaine

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N-(2-(N-pyrrolidinyl)ethyl)-3-nitronaphthalimide see M-12210

pyrrolidin-3-yl-methanesulfonic acid
(SY) PMSA
(HM) *PYRROLIDINES

3-(2-pyrrolidinyl)pyridine see nornicotine

2-pyrrolidone
(RN) 616-45-5
(RR) 63886-26-0 (HCl)
(RR) 52215-12-0 (HBr3)
(RR) 72717-85-2 (Ce salt)
(RR) 3046-23-9 (K salt)
(RR) 72717-86-3 (Rb salt)
(RR) 73007-70-2 ((18)O-labeled cpd)
(RR) 50494-55-8 (5-(14)C-labeled cpd)
(RR) 34938-57-3 (Al salt)
(RR) 2996-62-5 (HBr)
(RR) 17726-07-7 (Li salt)
(RR) 3195-95-7 (Na salt)
(SY) 2-pyrrolidinone
(HM) *PYRROLIDINONES
(NO) RN given refers to parent cpd

L-pyrrolidonyl-beta-naphthylamide see pyrrolidonyl-beta-naphthylamide

pyrrolidonyl-beta-naphthylamide
(RN) 22155-91-5
(SY) LPBN
(SY) L-pyrrolidonyl-beta-naphthylamide
(SY) pyroglutamic acid-beta-naphthylamide
(HM) *PYRROLIDINONES

1-((1-pyrrolidynylcarbonyl)methyl-4-(3,4,5-trimethoxycinnamoyl)piperazine maleate see cinepazide maleate

1-pyrroline-5-carboxylate dehydrogenase
(RN) EC 1.5.1.12
(RR) 9054-82-4 (CRN)
(SY) delta(1)-pyrroline-5-carboxylate dehydreogenase
(HM) *AMINE OXIDOREDUCTASES
(NO) catalyzes the oxidation of 1-pyrroline-5-carboxylate to L-glutamate in the presence of NAD

1-pyrroline-5-carboxylate see delta-1-pyrroline-5-carboxylate

pyrroline-5-carboxylate see delta-1-pyrroline-5-carboxylate

3-pyrroline-2-carboxylic acid see 3,4-dehydroproline

trans 3-(1-pyrrolin-2-yl)acrylamide see pyracrimycin A

pyrroloindolizine
(SY) 3,6,7,8-tetramethyl-4-isobutyl-2-carboethoxy-6H-pyrrolo-3,2,5-indolizine
(SY) pyrroloindolysin
(HM) *PYRROLES
(II) FLUORESCENT DYES
(NO) fluorescent probe used in heart study

pyrroloindolysin see pyrroloindolizine

pyrrolomycin A
(RN) 79763-01-2
(SY) SF-2080A
(HM) PYRROLES
(PA) ANTIBIOTICS
(PA) ANTIBIOTICS, ANTIFUNGAL
(NO) chlorinated nitropyrrole from Actinomycetes strain SF-2080; structure given in first source

pyrrolomycin B
(RN) 79763-00-1
(SY) SF-2080B
(HM) PYRROLES
(PA) ANTIBIOTICS
(NO) chlorinated nitropyrrole from Actinomycetes strain SF-2080; structure given in first source

pyrrolomycin C
(RN) 81910-06-7
(HM) PYRROLES
(PA) ANTIBIOTICS
(NO) from Streptomyces strain SF-2080; structure given in first source

pyrrolomycin D
(RN) 81910-07-8
(HM) PYRROLES
(PA) ANTIBIOTICS
(NO) from Streptomyces strain SF-2080; structure given in first source

pyrrolomycin E
(RN) 87376-16-7
(HM) PYRROLES
(PA) ANTIBIOTICS
(NO) from Actinosporangium vitaminophilum SF-2080; RN from CA; structure given in first source

pyrrolomycin F
(SY) pyrrolomycin F1
(SY) pyrrolomycin F2a
(SY) pyrrolomycin F2b
(SY) pyrrolomycin F3
(HM) PYRROLES
(PA) ANTIBIOTICS
(NO) from Actinosporangium vitaminophilum; structure for specific pyrrolomycins F given in first source

pyrrolomycin F1 see pyrrolomycin F

pyrrolomycin F2a see pyrrolomycin F

pyrrolomycin F2b see pyrrolomycin F

pyrrolomycin F3 see pyrrolomycin F

1H-Pyrrolo(2,1-c)(1,4)oxazine-1,6(7H)-dione, tetrahydro-3-(1,2,3,4-tetrahydroxybutyl)- see agropine

pyrrolo(4,3-d)-pyrimidine-3-beta-D ribofuranoside see 7-deazanebularin

Pyrrolo(1,2-a)quinoline-1-ethanol, dodecahydro-6-(2-penten-4-ynyl)-, (1S-(1alpha,3abeta,5aalpha,6alpha(Z),9aalpha))- see gephyrotoxin

pyrrolo-quinoline quinol see 2,7,9-tricarboxy-1H-pyrrolo(2,3-f)quinoline-4,5-diol

pyrrolo-quinoline quinone see methoxatin

pyrrolo-quinoline semiquinone see 2,7,9-tricarboxy-1H-pyrrolo(2,3-f)quinoline-4-ol-5-one

pyrromecain see bumecain

pyrroxan see proroxan

Pyr-Ser-Leu-NH2 see pyroglutaminyl-seryl-leucinamide

Pyrularia pubera thionin toxin see thionin toxin, Pyrularia

pyruvate see pyruvic acid

pyruvate aminotransferase see phenylalanine (histidine) aminotransferase

pyruvate-aspartic semialdehyde condensing enzyme see dihydrodipicolinate synthase

pyruvate dehydrogenase activator
(SY) insulin dependent activator
(HM) *PYRUVATE DEHYDROGENASE COMPLEX
(NO) insulin dependent; released from cell membranes

pyruvate dehydrogenase complex component X
(SY) PDC-component X
(HM) *PYRUVATE DEHYDROGENASE COMPLEX
(HM) *PEPTIDES
(NO) MW 50,000; immunologically distinct peptide associated with mammalian pyruvate dehydrogenase complex; function not known 8/85; not a fragment of other enzymes in complex

pyruvate dehydrogenase component see pyruvate dehydrogenase (lipoamide)

pyruvate dehydrogenase kinase see (pyruvate dehydrogenase (lipoamide))kinase

pyruvate dehydrogenase (lipoamide)
(RN) EC 1.2.4.1
(RR) 9014-20-4 (CRN)
(SY) pyruvate dehydrogenase component
(HM) *PYRUVATE DEHYDROGENASE COMPLEX

(pyruvate dehydrogenase (lipoamide)) kinase
(RN) EC 2.7.1.99
(RR) 9074-01-5 (CRN)
(SY) pyruvate dehydrogenase kinase
(HM) *PROTEIN KINASES

pyruvate ferredoxin oxidoreductase see pyruvate synthase

pyruvate-flavodoxin oxidoreductase
(RN) EC 1.2.8.-
(HM) *KETONE OXIDOREDUCTASES

pyruvate formate-lyase see formate acetyltransferase

pyruvate formate-lyase activating enzyme
(RN) EC 1.-
(SY) PF-lyase activating enzyme
(HM) *OXIDOREDUCTASES
(II) ENZYME ACTIVATION
(NO) conversion of inactive pyruvate formate-lyase to active form is linked to reductive cleavage of S-adenosylmethionine in presence of flavodoxin & pyruvate

pyruvate formate-lyase (CoA acetylating) see formate acetyltransferase

pyruvate (glyoxylate) aminotransferase see alanine-glyoxylate aminotransferase

pyruvate hydrazone
(RN) 93285-68-8
(HM) *PYRUVATES
(NO) metabolite of hydralazine; RN given from Toxline; RN not in Chemline 2/85

pyruvate, phosphate dikinase regulatory protein
(SY) PPDKRP
(HM) *PLANT PROTEINS
(II) PYRUVATE, PHOSPHATE DIKINASE
(NO) requires ADP + ATP to inactivate pyruvate, phosphate dikinase; activates the enzyme using inorganic phosphate

pyruvate synthase
(RN) EC 1.2.7.1
(RR) 9082-51-3 (CRN)
(SY) pyruvate ferredoxin oxidoreductase
(HM) *KETONE OXIDOREDUCTASES

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pyruvate, water dikinase
(RN) EC 2.7.9.2
(SY) phosphoenolpyruvate synthase
(SY) phosphoenolpyruvate synthetase
(HM) *PHOSPHOTRANSFERASES, ATP

pyruvatoxime see 2-oximinopropanoic acid

pyruvic acid
(RN) 127-17-3
(RR) 17686-94-1 (NH4 salt)
(SY) pyruvate
(SY) ammonium pyruvate
(HM) *PYRUVATES
(NO) RN for more than 12 salts in Chemline

pyruvic acid thiosemicarbazone-platinum complex
(SY) PAT-Pt complex
(HM) *PYRUVATES
(HM) *PLATINUM
(PA) ANTI-INFECTIVE AGENTS
(NO) complex formation reduced Pt(IV) to Pt(II); structure given in first source

pyruvic-malic carboxylase see malate dehydrogenase (decarboxylating)

pyruvic oxime see 2-oximinopropanoic acid

pyruvoyl-H4-pterin see 6-pyruvoyl-tetrahydropterin

6-pyruvoyl-H4-pterin synthase see sepiapterin synthase A

6-pyruvoyl-tetrahydropterin
(SY) pyruvoyl-H4-pterin
(HM) *PTERINS
(NO) structure given in first source

3,4-pyruvylated galactose
(RN) 82556-10-3
(SY) 3,4-pyruvylated D-galactose
(SY) 3,4-pydgal
(HM) GALACTOSE/*analogs
(NO) from Klebsiella K30 & K33 polysaccharides

3,4-pyruvylated D-galactose see 3,4-pyruvylated galactose

4,6-pyruvylated galactose
(RN) 82597-50-0
(SY) 4,6-pyruvylated D-galactose
(SY) 4,6-pydgal
(SY) galactose 4,6-pyruvate acetal
(HM) GALACTOSE/*analogs
(NO) from Klebsiella K21 polysaccharide

4,6-pyruvylated D-galactose see 4,6-pyruvylated galactose

4,6-pyruvylated glucose
(SY) 4,6-pyruvylated D-glucose
(SY) 4,6-PYDGLC
(HM) GLUCOSE/*analogs
(NO) from Klebsiella polysaccharides

4,6-pyruvylated D-glucose see 4,6-pyruvylated glucose

pyrvinium
(RN) 7187-62-4
(RR) 3546-41-6 (pamoate[2:1])
(RR) 35648-29-4 (iodide)
(RR) 641-69-0 (monohydroxide)
(SY) pyrvinium pamoate
(SY) vanquin
(SY) vankin
(HM) *PYRVINIUM COMPOUNDS
(PA) ANTHELMINTICS
(NO) RN given refers to parent cpd; synonyms vanquin & vankin refer to pamoate[2:1]; structure in Merck Index, 9th ed, #7810

pyrvinium pamoate see pyrvinium

PySSM see methyl 2-pyridyl disulfide

4-PYSSM see methyl 4-pyridyl disulfide

Py-SS-PLGA see 3-(2-pyridyldithio)propionyl-polyglutamic acid

PYY peptide see peptide YY

PY 108-068
(RN) 72803-02-2
(SY) darodipine
(HM) NIFEDIPINE/*analogs
(PA) CALCIUM CHANNEL BLOCKERS
(NO) structure given in first source

Pz-Cpz-Pro-Leu-Gly-Pro-Arg see PZ-peptide

PZ-peptidase
(RN) EC 3.4.99.-
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) cleaves 4-phenylazobenzylcarbonyl-L-prolyl-L-leucylglycyl-L-Lprolyl-D- arginine at the leucylglycyl linkage

PZ-peptide
(RN) 17011-78-8
(SY) 4-phenylazo-carbobenzoxyprolyl-leucyl-glycyl-prolyl-arginine
(SY) Pz-Cpz-Pro-Leu-Gly-Pro-Arg
(HM) *OLIGOPEPTIDES
(NO) synthetic substrate for PZ-peptidases; RN given refers to L-Pro-L-Leu-D-Arg-isomer; RN for cpd without isomeric designation not in Chemline 11/84

PZ 1511 see carpipramine

PZ-177 see PZ 177

PZ 177
(RN) 54708-51-9
(SY) 1-(m-chlorophenyl)-3-N,N-dimethylcarbamoyl-5-methoxypyrazole
(SY) 1-(3-chlorophenyl)-3-(N,N-dimethylcarbamoyl)-5-methoxypyrazole
(SY) 1-(3-chlorophenyl)-5-methoxy-N,N-dimethyl-1H-pyrazole-3-carboxamide
(SY) PZ-177
(SY) 1-(3-chlorophenyl)-3-N,N-dimethylcarbamoyl-5-methoxypyrazole
(HM) *PYRAZOLES
(PA) ANTI-INFLAMMATORY AGENTS
(PA) ANALGESICS, ANTI-INFLAMMATORY
(NO) structure

PZ 51
(RN) 60940-34-3
(SY) PZ-51
(SY) 2-phenyl-1,2-benzoisoselenazol-3(2H)-one
(SY) ebselen
(HM) *AZOLES
(HM) *SELENIUM
(PA) ANTIOXIDANTS
(NO) structure given in first source

PZ-51 see PZ 51

PZ68B
(RN) 79933-28-1
(HM) HEPARIN, *analogs
(NO) sulfated polysaccharide

P 1134 see pinacidil

P 1487
(RN) 37304-88-4
(SY) P-1487
(HM) *MORPHOLINES
(NO) mixture of 4,4'-(2-ethyl-2-nitrotrimethylene)dimorpholine & 4-(2-nitrobutyl)morpholine; cutting oil preservative; structure given in first source

P-1487 see P 1487

P-1894B see vineomycin A1

P-201 see Spadon

P-201-1 see Spadon

p230 see p 230

p 230
(SY) P-230
(SY) p230
(HM) *PEPTIDES
(NO) MW 230,000 alpha-spectrin-related polypeptide in normal & psoriatic epidermis & cultured human keratinocytes

P-230 see p 230

P-234 see 5 alpha-dihydro-11-deoxycorticosterone

P235 see platelet protein P235

P-2563 see sorbistins

P286 see ioxaglic acid

P 286 see P-286

P-286
(RN) 54-54-6
(RR) 1926-91-6 (HCl)
(SY) N,N-diisopropyl-N'-isoamyl-N'-diethylaminoethylurea
(SY) P 286
(HM) UREA/*analogs
(NO) inhibits adrenal uptake & release of catecholamines; do not confuse with P-286, synonym for ioxaglic acid; RN given refers to parent cpd; structure

P 297 see P297

P-297 see P297

P297
(RN) 56562-79-9
(SY) 2,4,6-triiodo-3-(N-hydroxyethylcarbamyl)-5-(N-methylacetamido)-N-gluconylaminobenzene
(SY) P 297
(SY) P-297
(HM) METRIZAMIDE/*analogs
(NO) structure

P 32 see P-32

P-32
(RN) 59702-31-7
(SY) 1-ethyl-2,3-dioxopiperazine
(SY) P 32
(HM) *PIPERAZINES

P4 see mictonorm

P 40 see adjuvant P40

P40 see adjuvant P40

P47 see platelet protein P47

P 5722 see 5-(3-pyridyl)tetrazole

P-680
(RN) 53808-91-6
(RR) 58814-97-4 (chlorophyll P 680+)
(SY) P 680
(HM) *CHLOROPHYLL
(NO) pigment fraction in chloroplasts which has capacity for photobleaching; RN & N1 from 9th CI, Chem Subs Index; RN given refers to cpd with unknown MF

P 680 see P-680

P-700 see P 700

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P 700
(RN) 53321-11-2
(SY) P700+
(SY) P-700
(HM) *CHLOROPHYLL
(NO) pigment fraction in chloroplasts

P700+ see P 700

P 7138 see nifurpirinol

Qa-2 antigen see Qa surface antigens

QABZ see 3-quinuclidinyl 4-azidobenzilate

QA2ME see quinolinic acid, 2-methyl ester

Qa surface antigens
(SY) Qa-2 antigen
(SY) Qa-2 surface antigen
(SY) Qa-1 surface antigen
(HM) *ANTIGENS, SURFACE
(II) HISTOCOMPATIBILITY ANTIGENS
(NO) considerable homology at primary level between Qa-2 & H-2 alloantigens; however they are encoded by separate loci

Qa-1 surface antigen see Qa surface antigens

Qa-2 surface antigen see Qa surface antigens

Q base see queuine

Qbeta coat protein
(SY) coliphage Q beta coat protein
(HM) *CAPSID
(II) COLIPHAGES

Qbeta ribonucleic acid
(SY) Qbeta RNA
(HM) *RNA, VIRAL

Qbeta RNA see Qbeta ribonucleic acid

q-BH2 see 7,8-dihydrobiopterin

QB protein see reaction-center protein, plant

trans-QBr see QBr

cis-QBr see QBr

QBr
(RN) 34302-68-6
(RR) 32752-28-6 (bromide(E)-isomer)
(SY) 3-(alpha-bromomethyl)-3'-(alpha-(trimethylammonium)methyl)azobenzene
(SY) trans-QBr
(SY) cis-QBr
(HM) *AMMONIUM COMPOUNDS
(NO) RN given refers to bromide; RN for parent cpd not in Chemline 8/83; structure in first source

2-QCA see quinoxaline-2-carboxylic acid

Q-CPZ see methochlorpromazine

QdB see NSC-176319

3-QDPP see 3-quinuclidinyl 2,2-diphenylpropanoate

QH(2) cytochrome c oxidoreductase see ubiquinol-cytochrome C reductase

QH(2)-ferricytochrome C oxidoreductase see ubiquinol-cytochrome C reductase

QH 25
(RN) 60853-38-5
(SY)
3-(4-methoxybenzylamino)-4-hydroxy-alpha-(tert-butylaminomethyl)benzyl alcohol.HCl
(HM) *PHENETHYLAMINES
(PA) BRONCHODILATOR AGENTS
(NO) structure

qingdainone
(HM) *QUINAZOLINES
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(NO) minor constituent of traditional medicine qing dai; structure given in first source

qinghaosu see artemisinine

qingxiatong see 3,4-dihydroxyacetophenone

Q-insertase see queuine tRNA transferase

QMDP 66 see quinonyl-MDP-66

QM 7184
(RN) 76865-42-4
(SY) QM-7184
(SY) 6,8,9,10,11,12,13,13a-octahydro-5H-7-thia-12a-azabenzo(f)naphth(1,2,3-c,d)azulene
(HM) *CYCLOHEPTANES
(PA) TRANQUILIZING AGENTS, MAJOR
(NO) thiophene analog of taclamine; structure given in first source

QM-7184 see QM 7184

Q nucleotide
(RN) 57072-36-3
(SY) nucleotide Q
(SY) queuosine 5'-monophosphate
(HM) *GUANOSINE MONOPHOSPHATE/analogs

QP-C protein see ubiquinone-binding proteins

QPs see succinate dehydrogenase-coenzyme Q reductase

QTX toxin see quinquestriatus toxin

quadrol see 1,1',1'',1'''-(ethylenedinitrilo)tetra-2-propanol

Quam see lidaprim

quassin
(RN) 76-78-8
(HM) *GLAUCARUBIN/analogs
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(NO) article discusses quassinoid principle; structure

quateleron see quateron

quaternary ammonium naltrexone see methylnaltrexone

quaternary-chlorpromazine see methochlorpromazine

quaternium-15
(RN) 4080-31-3
(SY) Dowicil 200
(SY) 1-(3-chloroallyl)-hexaminium chloride
(HM) METHENAMINE/*analogs
(II) PRESERVATIVES, PHARMACEUTICAL

quateron
(RN) 3818-40-4
(SY) N,N,N-triethyl-3-(p-n-butoxybenzoyloxy)-2,3-dimethylpropylammonium hydroxide
(SY) quateleron
(SY) N,N,N-triethyl-3-(4-n-butoxybenzoyloxy)-2,3-dimethylpropyl ammonium hydroxide
(HM) *AMMONIUM COMPOUNDS
(PA) GANGLIONIC BLOCKADERS
(NO) RN given refers to iodide; RN for parent cpd not in Chemline 7/26/83

quazepam
(RN) 36735-22-5
(SY) Sch 16134
(HM) *BENZODIAZEPINES
(PA) BENZODIAZEPINE TRANQUILIZERS
(PA) SEDATIVES, NONBARBITURATE
(NO) structure given in first source & USAN 1980, p.275

quazodine
(RN) 4015-32-1
(SY) MJ-1988
(HM) *QUINAZOLINES
(PA) BRONCHODILATOR AGENTS
(NO) phosphodiesterase inhibitor; structure

quelamycin
(RN) 64719-39-7
(SY) triferric doxorubicin
(SY) NSC-267703
(HM) DOXORUBICIN/*analogs

quench spot see 2-amino-4-oxo-6-acetyl-7,8-dihydro-3H,9H-pyrimidodiazepine

Quene 1 see 8-(bis(ethoxycarbonylmethyl)amino)-6-methoxy-2-(bis(ethoxycarbonylmethyl)amino)styrylquinoline

quercetin-3-glucoside see isoquercitrin

quercetin O-3-methyltransferase
(RN) EC 2.1.1.76
(SY) flavonol 3-O-methyltransferase
(SY) flavonol 3-OMT
(HM) *METHYLTRANSFERASES

quercetin-3-L-rhamnoside see quercitrin

quercitrin
(RN) 522-12-3
(SY) quercetin-3-L-rhamnoside
(HM) *QUERCETIN/analogs

quercitrin glycosidase
(RN) EC 3.2.1.-
(HM) *GLYCOSIDE HYDROLASES
(NO) induced in cultured cell-free microbial preparations from human feces; quercitrin hydrolysed to quercetin

Quetol 523
(RN) 75537-42-7
(SY) methoxypolyethylene glycol 400 methacrylate
(HM) *POLYHYDROXYETHYL METHACRYLATE/analogs

Quetol 651
(RN) 29317-04-2
(HM) *EPOXY RESINS

Quetol 812
(RN) 87140-22-5
(SY) Quetol-812
(HM) *EPOXY RESINS

Quetol-812 see Quetol 812

queuine
(RN) 72496-59-4
(SY) base Q
(SY) Q base
(SY) 7-(3,4-trans-4,5-cis-dihydroxy-1-cyclopenten-3-ylaminomethyl)-7-deazaguanine
(HM) GUANINE/*analogs
(NO) base for nucleoside Q

queuine insertase see queuine tRNA transferase

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queuine tRNA transferase
(RN) EC 2.4.2.29
(SY) guanine insertase
(SY) tRNA-guanine transferase
(SY) tRNA guanine transglycosylase
(SY) guanine-tRNA transglycosylase
(SY) guanine, queuine-tRNA transglycosylase
(SY) Q-insertase
(SY) queuine insertase
(SY) guanine insertion enzyme
(SY) tRNA-guanine ribosyltransferase
(HM) *PENTOSYLTRANSFERASES
(NO) catalyzes exchange of modified base Q in tRNA with guanine without breaking the polynucleotide chain

quesosine 5'-monophosphate see Q nucleotide

quindon see mepiprazole

Quigel see Gaviscon

Quilinorm-Retard see lithium carbonate

Quin2-acetoxymethyl ester
(RN) 83104-85-2
(SY) Quin2-AM
(HM) *AMINOQUINOLINES
(II) FLUORESCENT DYES
(II) CHELATING AGENTS
(NO) structure given in first source

Quin2 acetoxy tetraester
(SY) 3H-Quin2 AE
(HM) *AMINOQUINOLINES
(II) FLUORESCENT DYES

quinacillin
(RN) 1596-63-0
(RR) 985-32-0 (di-Na salt(2S-(2alpha,5alpha,6beta))-isomer)
(HM) *PENICILLINS
(NO) RN given refers to (2S-(2 alpha,5 alpha,6 beta))-isomer; RN for cpd without isomeric designation not in Chemline 7/26/83

quinacillin sulfone
(RN) 76788-82-4
(SY) quinacillin sulphone
(HM) *PENICILLINS
(NO) structure given in first source

quinacillin sulphone see quinacillin sulfone

quinacrine azide
(RN) 73332-88-4
(SY) 3-azido-9-((4-(diethylamino)-1-methylbutyl) amino)-7-methoxyacridine
(HM) *AZIDES
(II) AFFINITY LABELS
(NO) structure in first source

quinact see quinidine gluconate

3H-Quin2 AE see Quin2 acetoxy tetraester

quinaldic acid
(RN) 93-10-7
(HM) *QUINOLINES
(NO) used in determination of copper, zinc & uranium with which it forms insol. salts; insulin-releasing effect in islands of Langerhans; structure

quinaldine see 2-methylquinoline

quinaldine blue
(RN) 2768-90-3
(RR) 605-91-4 (iodide)
(RR) 14124-47-1 (tosylate)
(RR) 60684-00-6 (ethyl sulfate)
(SY) pinacyanol chloride
(SY) cyanine dye 9
(SY) 1,1'-diethyl-2,2'-carbocyanine chloride
(HM) *CARBOCYANINES
(II) DYES
(NO) RN given refers to chloride; RN for parent cpd not in Chemline 7/26/83; structure

quinaldofur
(RN) 57474-29-0
(SY) 4-(5'-nitrofuryl)quinaldinic acid N-oxide
(SY) abimasten
(HM) *QUINOLINES
(NO) used in treatment of bovine mastitis; structure

quinalphos
(RN) 13593-03-8
(RR) 28575-90-8 (cpd with unspecified locant for quinoxalinyl group)
(SY) O,O-diethyl-O-(quinoxalinyl-(2))thionophosphate
(SY) ekalux
(SY) diethylquinalphione
(SY) bayrusil
(SY) bayer 77049
(SY) O,O-diethyl-O-(quinoxalyl)phosphorothioate
(HM) *ORGANOTHIOPHOSPHORUS COMPOUNDS
(PA) INSECTICIDES, ORGANOTHIOPHOSPHATE
(NO) RN given refers to cpd with locant for quinoxalinyl group in position 2; structure

quinamic acid
(RN) 77467-12-0
(HM) *ISOQUINOLINES
(NO) removes citrate from kidneys

Quin2-AM see Quin2-acetoxymethyl ester

quinapyramine
(RN) 20493-41-8
(RR) 3270-78-8 (dimethyl sulfate)
(RR) 16966-93-1 (disulfate)
(RR) 2281-32-5 (dimesylate)
(RR) 23609-65-6 (chloride)
(SY) 4-amino-6-((2-amino-1,6-dimethyl-4-pyrimidinyl) amino)-1-methylquinaldinium ion
(SY) antrycide
(HM) *QUINOLINIUM COMPOUNDS
(PA) TRYPANOCIDAL AGENTS
(NO) RN given refers to hydride; RN for parent cpd not in Chemline 7/26/83; structure

quinate dehydrogenase
(RN) EC 1.1.1.24
(RR) 9028-28-8 (CRN)
(SY) quininoxidase
(HM) *ALCOHOL OXIDOREDUCTASES

Quinax see phacolysin

2,4(1H,3H)-quinazolinedione-3-(3-(4-phenyl-1-piperazinyl)propyl) hydrochloride see TR 2515

quinbolone
(RN) 2487-63-0
(HM) *ANDROSTADIENES
(II) ANABOLIC STEROIDS
(NO) structure

quindoxin
(RN) 2423-66-7
(RR) 30967-52-3 (hydride)
(RR) 34533-48-7 (ion(1-))
(RR) 37141-85-8 (ion(1+))
(SY) Grofas
(SY) ICI 8173
(SY) quinoxaline-di-N-oxide
(SY) quinoxaline 1,4-dioxide
(SY) 1,4-dihydroxyquinoxaline
(HM) *QUINOXALINES
(PA) MUTAGENS
(PA) ANTIBIOTICS
(II) GROWTH/drug eff
(NO) RN given refers to parent cpd; structure in Negwer, 5th ed, #702

quinestradol
(RN) 1169-79-5
(SY) estriol 3-cyclopentyl ether
(HM) ESTRIOL/*analogs

quinfamide
(RN) 62265-68-3
(SY) Win 400 14
(HM) *QUINOLINES
(PA) AMEBICIDES
(NO) structure in USAN 1980, p.276

quingestanol
(RN) 10592-65-1
(SY) quingestanol acetate
(HM) *NORPREGNADIENES
(NO) minor descriptor (72-82); online & Index Medicus search NORPREGNADIENES (72-82)

quingestanol acetate see quingestanol

quinghaosu see artemisinine

quinghaosu reduced succinate ester see artesunate

Quing Hau Sau see artemisinine

quinhydrone
(RN) 106-34-3
(HM) *HYDROQUINONES
(NO) structure

quinidine arabogalactane sulfate see longacor

quinidine gluconate
(RN) 7054-25-3
(RR) 6587-33-3 (cpd with unspecified ratio (9S)-isomer)
(RR) 4325-25-1 ((8alpha,9R)-isomer)
(SY) quinact
(HM) QUINIDINE/*analogs
(PA) ANTIMALARIALS
(NO) RN given refers to (9S)-isomer & ratio of [1:1]

quinidine-3-hydroxylase
(RN) EC 1.14.99.-
(HM) *HYDROXYLASES
(NO) induced by phenobarbital

quinidine-N-oxide
(RN) 70116-00-6
(HM) QUINIDINE/*analogs
(HM) *CYCLIC N-OXIDES
(NO) major metabolite of quinidine; RN given refers to (9S)-isomer; RN for cpd without isomeric designation not in Chemline 5/85

quininoxidase see quinate dehydrogenase

quinocarcin
(RN) 84573-33-1
(SY) D 52
(SY) D-52
(HM) ISOQUINOLINES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) from Streptomyces melanovinaceus nov.sp.; structure given in second source

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quinocide
(RN) 525-61-1
(RR) 69417-85-2 (mono-HCl)
(SY) 8-(4-aminopentylamino)-6-methoxyquinoline
(HM) *AMINOQUINOLINES
(PA) ANTIMALARIALS
(NO) Russian drug; RN given refers to parent cpd; structure

quinolacetic acid
(RN) 55604-87-0
(HM) *QUINONES
(NO) structure given in first source

quinolinate see quinolinic acid

quinolinate phosphoribosyltransferase see nicotinatemononucleotide pyrophosphorylase (carboxylating)

quinolinate synthetase see quinolinic acid synthetase

quinoline
(RN) 91-22-5
(RR) 530-64-3 (HCl)
(HM) *QUINOLINES
(NO) RN given refers to parent cpd

quinoline yellow see C.I. acid yellow 3

quinoline yellow dye 11 see D.C. Yellow dye No. 11

quinolinic acid
(RN) 89-00-9
(RR) 18970-62-2 (Cu(2+) salt)
(RR) 15109-10-1 (di-Na salt)
(SY) quinolinate
(HM) *QUINOLINIC ACIDS
(PA) ANTICONVULSANTS
(II) ENZYME ACTIVATION
(NO) RN given refers to parent cpd; structure in Merck Index, 9th ed, #7896

quinolinic acid, 2-methyl ester
(RN) 24195-07-1
(SY) QA2ME
(SY) 2-methyl quinolinate
(HM) *QUINOLINIC ACIDS

quinolinic acid phosphoribosyltransferase see nicotinatemononucleotide pyrophosphorylase (carboxylating)

quinolinic acid synthetase
(SY) quinolinate synthetase
(HM) *MULTIENZYME COMPLEXES
(NO) aspartic acid & dihydroxyacetone phosphate are substrates; FAD is cofactor

quinolinium dibromide see NSC-176319

8-quinolinol-5-sulfonic acid see 8-hydroxyquinoline-5-sulfonic acid

quinol sulfate
(RN) 17438-29-8
(RR) 61162-95-6 (sulfate, MF unknown)
(SY) hydroquinone mono(hydrogen sulfate)
(HM) *HYDROQUINONES
(NO) sulfate conjugate; RN given refers to mono-(hydrogen sulfate) conjugate

quinomethionate
(RN) 2439-01-2
(SY) morestan
(SY) 6-methyl-2-oxo-1,3-dithio(4,5-b)quinoxaline
(SY) oxythioquinox
(HM) *QUINOXALINES
(PA) FUNGICIDES, INDUSTRIAL
(NO) structure

quinomycin B see quinomycins

quinomycin C see quinomycins

quinomycin D see quinomycins

quinomycin E see quinomycins

quinomycins
(RN) 11113-76-1
(RR) 13602-52-3 (quinomycin B)
(RR) 11001-74-4 (quinomycin C)
(RR) 11016-62-9 (quinomycin D)
(RR) 14222-15-2 (quinomycin E)
(SY) quinomycin C
(SY) quinomycin B
(SY) quinomycin D
(SY) quinomycin E
(HM) *ECHINOMYCIN/analogs
(NO) RN given refers to cpd with unknown MF; see also echinomycin for quinomycin A: 512-64-1; structure

quinone see benzoquinone

quinonoid-2-amino-4-hydroxy-6,7-dimethyldihydropteridine
(RN) 5977-33-3
(SY) DMPH2
(HM) *PTERIDINES

quinonoid dihydropterin reductase
(RN) EC 1.-
(HM) *OXIDOREDUCTASES
(NO) quinonoid dihydropterin plus NADH gives tetrahydropterin plus NAD

quinonyl-N-acetylmuramyldipeptide see quinonyl-MDP-66

quinonyl-N-acetylmuramyl-L-valyl-D-isoglutamine methyl ester see quinonyl-MDP-66

quinonyl-N-AcMu-Val-iso-Gln-methyl ester see quinonyl-MDP-66

quinonyl-MDP-66
(RN) 72921-52-9
(SY) quinonyl-N-acetylmuramyldipeptide
(SY) quinonyl-N-acetylmuramyl-L-valyl-D-isoglutamine methyl ester
(SY) quinonyl-N-AcMu-Val-iso-Gln-methyl ester
(SY) QMDP 66
(HM) ACETYLMURAMYL-ALANYL-ISOGLUTAMINE/*analogs
(PA) ANTINEOPLASTIC AGENTS
(II) ADJUVANTS, IMMUNOLOGIC

quinoprotein alcohol dehydrogenase see alcohol dehydrogenase (acceptor)

quinovosamine see 6-desoxy-D-glucosamine

quinoxaline-2-carboxylic acid
(RN) 879-65-2
(SY) 2-QCA
(HM) *QUINOXALINES

quinoxaline-di-N-oxide see quindoxin

quinoxaline 1,4-dioxide see quindoxin

quinoxidine
(RN) 10103-89-6
(SY) 2,3-bis(acetyloxymethyl)quinoxaline 1,4-dioxide
(HM) *QUINOXALINES
(PA) ANTI-INFECTIVE AGENTS
(NO) structure

quinquestriatus toxin
(RN) 67255-66-7
(SY) QTX toxin
(SY) charybdotoxin
(HM) *SCORPION VENOMS
(NO) from Leiurus quinquestriatus; RN given for reduced toxin

quinterenol
(RN) 13757-97-6
(RR) 31613-92-0 (mono-HCl)
(RR) 28418-28-2 (mono-HCl(+-)-isomer)
(RR) 28143-90-0 ((+-)-isomer)
(RR) 20717-11-7 (di-HCl)
(RR) 13758-23-1 (sulfate[2:1])
(SY) CP-10
(HM) *ETHANOLAMINES
(PA) ADRENERGIC BETA RECEPTOR AGONISTS
(NO) minor descriptor (73-84); on-line & Index Medicus search ETHANOLAMINES (73-84); RN given refers to parent cpd without isomeric designation

quintozene
(RN) 82-68-8
(SY) brassicol
(SY) terrachlor
(SY) PCNB
(SY) pentachloronitrobenzene
(HM) *NITROBENZENES
(PA) FUNGICIDES, INDUSTRIAL
(NO) active ingredient of variety of fungicides

N-(2-quinuclidinmethyl)-1,2,3,4-tetrahydroquinoline see AB 2

3-quinuclidinyl p-azidobenzilate see 3-quinuclidinyl 4-azidobenzilate

3-quinuclidinyl 4-azidobenzilate
(RN) 81039-79-4
(SY) QABZ
(SY) 3-quinuclidinyl p-azidobenzilate
(HM) *QUINUCLIDINYL BENZILATE/analogs
(HM) *AZIDES
(II) AFFINITY LABELS
(NO) structure given in first source

quinuclidinyl benzilate binding sites see quinuclidinyl benzilate receptor

quinuclidinyl benzilate methiodide see N-methyl quinuclidinyl benzilate

quinuclidinyl benzilate receptor
(SY) receptor, quinuclidinyl benzilate
(SY) quinuclidinyl benzilate binding sites
(SY) quinuclidinyl benzilate receptors
(HM) *RECEPTORS, MUSCARINIC
(II) QUINUCLIDINYL BENZILATE

quinuclidinyl benzilate receptors see quinuclidinyl benzilate receptor

quinuclidinyl-3-diphenylcarbinol see Phencarol

3-quinuclidinyl 2,2-diphenylpropanoate
(RN) 4775-90-0
(RR) 3818-79-9 (HCl)
(SY) 2,2-diphenylpropanoic acid 3-quinuclidinyl ester
(SY) 3-QDPP
(HM) *QUINUCLIDINES
(PA) PARASYMPATHOLYTICS
(NO) structure given in first source

quinuclidinyl-3-di(o-tolyl)carbinol see bicarphene

3-quinuclidinyl-4-iodobenzilate
(RN) 88000-48-0
(SY) 4-IQNB
(SY) 3-quinuclidinyl-4-(125)iodobenzilate
(HM) *QUINUCLIDINES
(II) IODINE RADIOISOTOPES
(II) RADIONUCLIDE IMAGING

3-quinuclidinyl-4-(125)iodobenzilate see 3-quinuclidinyl-4-iodobenzilate

quinuclidyl-3-di-o-tolylcarbinol see bicarphene

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quinupramine
(RN) 31721-17-2
(RR) 59514-34-0 (mono-HCl)
(RR) 58505-74-1 (L-(+)-tartrate)
(HM) *DIBENZAZEPINES
(HM) *QUINUCLIDINES
(PA) ANTIDEPRESSIVE AGENTS, TRICYCLIC
(NO) RN given refers to parent cpd

quinuronium sulfate
(RN) 135-14-8
(SY) 6,6'-ureylenebis(1-methylquinolinium methyl) sulfate
(HM) UREA/*analogs
(HM) *QUINOLINIUM COMPOUNDS
(PA) ANTIPROTOZOAL AGENTS
(NO) structure

Quin-2 see Quin2

Quin2
(RN) 83014-44-2
(SY) Quin 2
(SY) Quin-2
(HM) *AMINOQUINOLINES
(II) FLUORESCENT DYES
(NO) fluorescent highly selective Ca indicator, binding Ca 1:1; structure given in first source

Quin 2 see Quin2

quipazine maleate
(RN) 5786-68-5
(HM) *QUIPAZINE/analogs

quisqualate see quisqualic acid

quisqualate receptor
(SY) receptor, quisqualate
(SY) quisqualate receptors
(HM) *RECEPTORS, DRUG
(II) OXADIAZOLES

quisqualate receptors see quisqualate receptor

quisqualic acid
(RN) 52809-07-1
(RR) 66211-91-4 ((+-)-isomer)
(RR) 56682-84-9 (mono-Na salt(S)-isomer)
(SY) (3,5-dioxo-1,2,4-oxadiazolidin-2-yl)-L-alanine
(SY) quisqualate
(HM) *OXADIAZOLES
(PA) NEUROMUSCULAR DEPOLARIZING AGENTS
(PA) CONVULSANTS
(NO) potent effector of crayfish neuromuscular junction obtained from seed of Quisqualis fructus; RN given refers to (S)-isomer; RN for cpd without isomeric designation not in Chemline 7/26/83; structure

quisultidine see LM24056

quixalin see chloroxine

QX-222
(RN) 21236-55-5
(RR) 25489-62-7 (bromide)
(RR) 5369-00-6 (chloride)
(SY) QX 222
(HM) LIDOCAINE/*analogs
(NO) amphipathic amine; RN given refers to ion; structure

QX 222 see QX-222

QX-314
(RN) 21306-56-9
(RR) 24003-58-5 (bromide)
(SY) QX 314
(HM) LIDOCAINE/*analogs
(PA) ANESTHETICS, LOCAL
(NO) triethyl analog of lidocaine; RN & NM refer to ion

QX 314 see QX-314

QX 572 see QX-572

QX-572
(RN) 1042-42-8
(SY) N,N-bis(phenylcarbamoylmethyl)dimethylammonium chloride
(SY) QX 572
(HM) LIDOCAINE/*analogs
(PA) MYOCARDIAL DEPRESSANTS
(NO) lidocaine derivative with antiarrhythmic activity; structure

rabbit alveolar macrophage microbicidal cationic proteins see microbicidal cationic proteins

rabbit factor H
(SY) RFH
(HM) *COMPLEMENT 3B INACTIVATORS
(NO) MW 160,000; demonstrates species-specific activity; controls protein of the alternative complement pathway; from rabbit serum; different from human factor H

rabdophyllin G see rabdosin C

rabdosin A
(RN) 84304-91-6
(HM) *DITERPENES
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(NO) diterpenoid from Rabdosia Japonica (Burm f) Hara; structure given in first source

rabdosin B
(RN) 84304-92-7
(HM) *DITERPENES
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(NO) diterpenoid from Rabdosia Japonica (Burm f) Hara; structure given in first source

rabdosin C
(RN) 82460-75-1
(SY) rabdophyllin G
(HM) *DITERPENES
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(NO) isolated from leaves of Rabdosia japonica; structure given in first source

rac-1,2-didodecanoylglycerol see 1,2-didodecanoylglycerol

racemomycin A see streptothricin F

racemomycin C see streptothricin E

racemomycins
(RN) 11006-72-7
(RR) 3776-37-2 (racemomycin B)
(RR) 3776-36-1 (racemomycin D)
(RR) 3484-68-2 (racemomycin E)
(HM) *STREPTOTHRICINS
(NO) streptothricin group antibiotics; RN given refers to cpd with unknown MF; see also racemomycin A: 3808-42-2, racemomycin C: 3776-38-3; structure

R818 (acetate) see flecainide

raclopride
(RN) 84225-95-6
(SY) FLA 870
(SY) FLA-870
(HM) *BENZAMIDES
(NO) RN given refers to (S)-isomer; RN for cpd without isomeric designation not in Chemline 7/85; structure given in first source

Radanil see benzonidazole

radicinin
(RN) 1402-20-6
(RR) 22668-39-9 ((2alpha,3beta,7(+)-(+-))-isomer)
(SY) 3,4-dihydro-3-hydroxy-2-methyl-7-propenyl-2H,5H-pyrano(4,3-b)pyran-4,5-dione
(HM) *PYRONES
(II) MYCOTOXINS
(NO) mold metabolite from plant pathogen Stemphylium radicinum; RN given refers to (2S-(2alpha,3beta,7E))-isomer; RN for cpd without isomeric designation not in Chemline 8/9/83; structure

Radio-Opaque
(HM) *ACRYLIC RESINS
(II) RADIOPAQUE MEDIA
(NO) radiopaque denture base resin; no other info available 6/84

radioselectan see meglumine iodipamide

radium-224 see thorium X

radix trichosanthis
(HM) *PLANT EXTRACTS
(PA) ABORTIFACIENT AGENTS, NON-STEROIDAL
(II) PLANTS, MEDICINAL
(NO) Chinese drug extracted from root of Trichosanthis kirilowii maxim

radon daughters
(SY) thoron daughters
(HM) *BISMUTH
(HM) *POLONIUM
(HM) *LEAD
(NO) radioactive air-pollutants

RAD 366
(RN) 85708-79-8
(SY) RAD-366
(SY) lidocaine ethiodide
(HM) LIDOCAINE/*analogs
(PA) ANESTHETICS, LOCAL

RAD-366 see RAD 366

Ragadan see heptenophos

ragweed allergen Ra3
(SY) short ragweed pollen allergen Ra3
(SY) ragweed antigen Ra3
(HM) *POLLEN
(NO) ragweed antigen Ra3 differs from RA 3 in Chemline

ragweed allergen Ra5
(SY) RA5A
(SY) RA5B
(SY) short ragweed component RA5
(HM) *POLLEN
(NO) two isoallergenic forms exist

ragweed allergen Ra6
(SY) short ragweed pollen allergen Ra6
(HM) *POLLEN

ragweed antigen E
(SY) antigen E (ragweed)
(HM) *POLLEN

ragweed antigen Ra3 see ragweed allergen Ra3

R39 D-alanyl-D-alanine peptidase see D-alanyl-D-alanine serine peptidases

R61 D-alanyl-D-alanine peptidase see D-alanyl-D-alanine serine peptidases

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RAL 555
(RN) 86336-34-7
(SY) RAL-555
(HM) *DYES
(II) STAINS AND STAINING
(NO) water-soluble dye for rapid staining of Plasmodium & microfilaria; no other info avzilable 2/28/83

RAL-555 see RAL 555

RAL 6
(SY) RAL-6
(SY) beta-2-sialoglobulin
(HM) *SIALIC ACIDS
(HM) *BETA GLOBULINS
(NO) soluble leukocyte antigen isolated from pus extracts

RAL-6 see RAL 6

ramihyphin A
(RN) 55126-45-9
(RR) 55126-46-0 (ramihyphin B)
(RR) 55126-47-1 (ramihyphin C)
(RR) 55126-48-2 (ramihyphin D)
(RR) 55126-49-3 (ramihyphin E)
(HM) *ANTIBIOTICS, ANTIFUNGAL
(NO) one of the metabolites produced by Fusarium sp. S-435; RN given refers to cpd with unknown MF

Ramrod see propachlor

ranatensin
(RN) 29451-71-6
(SY) pyroglutamyl-valyl-prolyl-glutaminyl-tryptophanyl-alanyl-valyl-glycyl-histidyl-phenylalanyl-methionylamide
(SY) pyro-Glu-Val-Pro-Gln-Trp-Ala-Val-Gly-His-Phe-Met-amide
(HM) *OLIGOPEPTIDES
(PA) VASOCONSTRICTOR AGENTS
(NO) undecapeptide isolated from skin of Rana pipiens

ranciamycin IV see protocatechualdehyde

ranitidine N-oxide
(RN) 73857-20-2
(RR) 75679-05-9 (HCl)
(HM) RANITIDINE/*analogs
(NO) metabolite of ranitidine; RN given refers to parent cpd

ranitidine-S-oxide
(RN) 73851-70-4
(RR) 75679-06-0 (HCl)
(HM) RANITIDINE/*analogs
(NO) urinary metabolite of ranitidine; structure given in first source

Rantodil see acemetacin

Rantudil see acemetacin

ranunculin
(RN) 644-69-9
(HM) *METHYLGLYCOSIDES
(HM) *FURANS
(II) PLANTS, TOXIC
(NO) toxic constituent of the Bur Buttercup (Ceratocephalus testiculatus); structure given in first source

Ran 2
(SY) Ran-2
(HM) *ANTIGENS, SURFACE
(II) ASTROCYTES
(NO) antigen found on surface of non-myelin-forming Schwann cells & peripheral cells; not found on myelin-forming Schwann cells & peripheral cells; MW 140,000

Ran-2 see Ran 2

RAP
(HM) DAUNORUBICIN
(HM) CYTARABINE
(HM) PREDNISONE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

rapamycin
(RN) 53123-88-9
(SY) AY 22-989
(HM) POLYENES
(PA) ANTIBIOTICS, ANTIFUNGAL
(NO) triene isolated from Streptomyces hygroscopicus

rapeseed oil
(RN) 8002-13-9
(HM) *OILS

rapifen see alfentanyl

RAP 30 see RNA polymerase II-binding proteins

RAP-30 see RNA polymerase II-binding proteins

RAP-38 see RNA polymerase II-binding proteins

RAP 38 see RNA polymerase II-binding proteins

RAP-72 see RNA polymerase II-binding proteins

RAP 72 see RNA polymerase II-binding proteins

rare earth intensifying screen SE 4 see rare earth screen

rare earth screen
(SY) rare earth intensifying screen SE 4
(HM) *METALS, RARE EARTH
(II) RADIATION PROTECTION/instrum
(II) RADIOGRAPHIC MAGNIFICATION/instrum

ras protein, Dictyostelium see ras proteins, fungal

ras proteins, fungal
(SY) Dd-ras protein
(SY) ras protein, Dictyostelium
(SY) ras protein, yeast
(HM) *FUNGAL PROTEINS
(NO) homologous N-terminal region to mammalian ras protein

ras protein, yeast see ras proteins, fungal

Ratak see bromfenacoum

RATE
(HM) DAUNORUBICIN
(HM) CYTARABINE
(HM) THIOGUANINE
(HM) PODOPHYLLOTOXIN
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above 3 cpds & epipodophyllotoxin

rat mast cell protease see chymase

rat proteinase inhibitor I
(SY) RPI I
(SY) RPI-I
(HM) *BLOOD PROTEINS
(PA) PROTEASE INHIBITORS
(PA) TRYPSIN INHIBITORS
(PA) CHYMOTRYPSIN/antag
(NO) MW 66,000; proteinase inhibitor from rat serum; active against trypsin & chymotrypsin

rat proteinase inhibitor II
(SY) RPI II
(SY) RPI-II
(HM) *BLOOD PROTEINS
(PA) TRYPSIN INHIBITORS
(NO) MW 65,000; trypsin inhibitor from rat serum

rauhasine see ajmalicine

rauvasan see ajmalicine

RA V
(RN) 64725-24-2
(SY) RA-V
(HM) *PEPTIDES, CYCLIC
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(NO) structure given in first source

RA-V see RA V

raveron see robaveron

ravidomycin
(RN) 74622-75-6
(SY) AY 25545
(SY) AY-25545
(HM) AMINOGLYCOSIDES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) isolated from mycelium of Streptomyces ravidus; structure given in first source

RA VII
(RN) 86229-97-2
(SY) RA-VII
(HM) *PEPTIDES, CYCLIC
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(NO) structure given in first source

RA-VII see RA VII

raw Magadi soda see Magadi soda

Raykit
(HM) *CITRATES
(HM) *DIETARY FIBER
(HM) *BISACODYL
(PA) CATHARTICS
(NO) preparation used to clean bowel prior to double contrast barium enema; consists of low residue diet, magnesium citrate drink, bisacodyl tablets & suppositories

rayon
(RN) 61788-77-0
(SY) rayon, purified
(SY) viscose fiber
(HM) *CELLULOSE
(II) TEXTILES

rayon, purified see rayon

Rayvist see meglumine ioglicinate

RA5A see ragweed allergen Ra5

RA5B see ragweed allergen Ra5

RA-642 see RA 642

RA 642
(RN) 54093-30-0
(SY) (2,2'-(4,8-bis(diethylamino)pyrimido(5,4-d) pyrimidine-2,6-diyl)di(2-methoxyethyl)imino) diethanol
(SY) RA-642
(HM) *PYRIMIDINES
(PA) CARDIOTONIC AGENTS
(NO) has central hypertensive properties; structure

R 1881-binding protein see R 1881 binding protein

R 1881 binding protein
(SY) methyltrienolone binding protein
(SY) R 1881-binding protein
(SY) R-1881 binding receptor
(HM) *ANDROGEN-BINDING PROTEINS
(II) ANDROGENS, SYNTHETIC

R-1881 binding receptor see R 1881 binding protein

RBP receptors see retinol binding protein receptor

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RCA(120) lectin
(HM) *LECTINS
(II) RICINUS
(NO) lectin from Ricinus communis

RCA 60 see ricinus agglutinin

RCM-hGH see S-carboxymethylsomatotropin

R17 coat protein
(SY) viral coat protein R17
(SY) coat protein R17, viral
(HM) *CAPSID
(NO) coat protein from coliphages

RC-18
(RN) 82197-74-8
(HM) *ANTINEOPLASTIC AGENTS, PHYTOGENIC
(NO) pure isolate from plant Rubia cordifolia, Linn.; no other information available 9/16/82

61 91 RC see ifenprodil

r-7,t-8-dihydroxy-t-9,10-oxy-7,8,9,10-tetrahydrobenzo (a)pyrene see benzo(a)pyrene 7,8-dihydrodiol 9,10-epoxide

RD-Lys-PT see rhodaminyl-lysine-phallotoxin

RDS-127 see RDS 127

RDS 127
(RN) 82668-32-4
(SY) 2-N,N-di-n-propylamino-4,7-dimethoxyindan
(SY) RDS-127
(HM) *INDANS
(NO) dopamine receptor agonist; structure given in first source

RDX see cyclonite

reactin A see streptovitacin A

reaction-center protein see reaction-center protein, bacterial

reaction-center protein, bacterial
(SY) photochemical reaction center
(SY) reaction-center protein
(SY) light-harvesting bacteriochlorophyll protein
(SY) photosynthetic pigment-protein complex, bacterial
(SY) pigment-binding protein (Rhodopseudomonas)
(SY) light harvesting polypeptide B880
(HM) *BACTERIAL PROTEINS
(NO) from Rhodopseudomonas sphaeroides; see also reaction-center protein, plant

reaction-center protein, plant
(SY) photochemical reaction center, plant
(SY) photosystem I reaction center
(SY) photosystem II reaction center
(SY) chlorophyll protein complexes
(SY) P700-chlorophyll(a)-protein complex
(SY) chlorophyll a-proteins
(SY) chlorophyll ab-proteins
(SY) chlorophyll ac-proteins
(SY) chlorophyll a-b-light harvesting complex
(SY) light-harvesting chlorophyll protein
(SY) plant photosynthetic pigment-protein complex
(SY) QB protein
(HM) *PLANT PROTEINS
(HM) *CHLOROPHYLL
(NO) product of chloroplast protein synthesis; see also record for reaction-center protein, bacterial

Reactivan see fencamfamine

reactive blue 19 see Remazol Brilliant Blue R

Reactive Blue 2 see Cibacron Blue F 3GA

reactive red 120 dye
(RN) 61951-82-4
(SY) C.I. reactive red 120
(HM) *DYES
(NO) used in dye ligand chromatography; MF & structure unknown

Reactive Red 1 see Procion Brilliant Red M-2BS

reactive yellow 13
(RN) 12769-09-4
(SY) remazol yellow GGL
(HM) *AZO COMPOUNDS
(II) DYES
(NO) ligand for affinity chromatography of alkaline phosphatase; structure given in first source

reactive yellow 4
(RN) 12226-45-8
(SY) C.I. reactive yellow 4
(HM) *TRIAZINES
(II) DYES
(NO) RN given refers to di-Na salt; RN for parent cpd not in Chemline 7/8/83

Reasec see lomotil

reazurin see resazurin

rebeftal see rebemide

rebemide
(RN) 1696-17-9
(RR) 31702-94-0 (HCl)
(SY) rebeftal
(SY) N,N,-diethylbenzamide
(HM) *DEET/analogs
(NO) insect repellent; RN given refers to parent cpd

rec BC deoxyribonuclease see exodeoxyribonuclease V

recBC deoxyribonuclease see exodeoxyribonuclease V

recBC DNase see exodeoxyribonuclease V

recBC protein see exodeoxyribonuclease V

recB protein see exodeoxyribonuclease V

recC protein see exodeoxyribonuclease V

recE gene product see exodeoxyribonuclease VIII

recE protein see exodeoxyribonuclease VIII

receptor, abrin see abrin receptor

receptor, acetyl-LDL see acetyl-LDL receptor

receptor, acid hydrolase see acid hydrolase receptor

receptor, ACTH see corticotropin receptor

receptor, adenosine see adenosine receptor

receptor, adenosine diphosphate see adenosine diphosphate receptor

receptor, adenosine triphosphate see ATP receptor

receptor, ADP see adenosine diphosphate receptor

receptor, ADP-ATP carrier see ADP-ATP carrier receptor

receptor, aerobactin see aerobactin receptor

receptor, albumin see albumin receptor

receptor, aldosterone see aldosterone receptor

receptor, alpha-bungarotoxin see alpha-bungarotoxin receptor

receptor, 1 alpha,24-dihydroxyvitamin D3 see 1,24-dihydroxycholecalciferol receptor

receptor, alpha-fetoprotein see alpha-fetoprotein receptor

receptor, alpha interferon see interferon receptor

receptor, alpha-latrotoxin see alpha-latrotoxin receptor

receptor, alpha-2 macroglobulin see alpha-2 macroglobulin receptor

receptor, alpha-tocopherol see alpha-tocopherol receptor

receptor, amino acid see amino acid receptor

receptor, amphetamines see amphetamine receptor

receptor, 5-androstane-3,17-diol see 5-androstane-3,17-diol receptor

receptor, 5-androst-16-en-3-one see 5 alpha-androst-16-en-3-one receptor

receptor, H-Y antigen see H-Y antigen receptor

receptor, apamin see apamin receptor

receptor, apo E see apolipoprotein E receptor

receptor, apolipoprotein E see apolipoprotein E receptor

receptor, apomorphine see apomorphine receptor

receptor, apoprotein B, E see apolipoprotein B,E receptor

receptor, arginine(8)-vasopressin see argipressin receptor

receptor, aryl hydrocarbon see aryl hydrocarbon receptor

receptor, asialoglycoprotein see asialoglycoprotein receptor

receptor, asialoorosomucoid see asialoglycoprotein receptor

receptor, aspartate see aspartic acid receptor

receptor, aspartic acid see aspartic acid receptor

receptor, ATP see ATP receptor

receptor, ATP,ADP-carrier see ADP-ATP carrier receptor

receptor, atrial natriuretic peptide see atrial natriuretic factor receptor

receptor, auxin see auxin receptor

receptor, baclofen see baclofen receptor

receptor, bacterial pili see pili, bacterial receptor

receptor, barbiturate see barbiturate receptor

receptor, batrachotoxin see batrachotoxin receptor

receptor, benzomorphan see benzomorphan receptor

receptor, beta-glucan see beta-glucan receptor

receptor, beta 2 microglobulin see beta 2 microglobulin receptor

receptor, beta-1H see factor H receptor

receptor, bindin see bindin receptor

receptor, bombesin see bombesin receptor

receptor, bradykinin see kinin receptor

receptor, bungarotoxin-alpha see alpha-bungarotoxin receptor

receptor, 4-butyrolactone see 4-butyrolactone receptor

receptor, cachectin-tumor necrosis factor see cachectin receptor

receptor, calcitonin see calcitonin receptor

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receptor, calcitriol see 1,25-dihydroxycholecalciferol receptor

receptor, calcium channel blocker see calcium channel blocker receptor

receptor, cardiac glycosides see cardiac glycoside receptor

receptor, carrageenan see carrageenan receptor

receptor, catecholamine see catecholamine receptor

receptor, CCK-8 see cholecystokinin octapeptide receptor

receptor, T-cell growth factor see mitogenic factor receptor

receptor, ceruloplasmin see ceruloplasmin receptor

receptor, chalone see chalone receptor

receptor, chemotactic peptide see chemotactic peptide receptor

receptor, F-chemotactic peptide see F-chemotactic peptide receptor

receptor, chloroquine see chloroquine receptor

receptor, chlorpromazine see chlorpromazine receptor

receptor, cholecystokinin see cholecystokinin receptor

receptor, choleragen see choleragen receptor

receptor, cholera toxin see choleragen receptor

receptor, chylomicron see chylomicron receptor

receptor, cloacin see cloacin receptor

receptor, clonidine see clonidine receptor

receptor, colicin Ia see colicin receptor

receptor, collagen see collagen receptor

receptor, colony-stimulating factor see colony-stimulating factor receptor

receptor, complement 5a see complement 5a receptor

receptor, corticosterone see corticosterone receptor

receptor, corticotropin see corticotropin receptor

receptor, corticotropin-releasing factor see corticotropin releasing hormone receptor

receptor, cyanocobalamin see vitamin B12 receptor

receptor, cyclo(His-Pro) see histidyl-proline diketopiperazine receptor

receptor, cysteine sulfinate see cysteine sulfinic acid receptor

receptor, c1 q see complement 1 q receptor

receptor, C3b see complement 3b receptor

receptor, C3d see complement 3d receptor

receptor, daunomycin see daunorubicin receptor

receptor, daunorubicin see daunorubicin receptor

receptor, delta see delta receptor

receptor, dendrotoxin see dendrotoxin receptor

receptor, deoxycholic acid see deoxycholic acid receptor

receptor, desipramine see desipramine receptor

receptor, dexamethasone see dexamethasone receptor

receptor, dextran see dextran receptor

receptor, diazepam see diazepam receptor

receptor, digitalis see digitalis receptor

receptor, dihydroalprenolol see dihydroalprenolol receptor

receptor, dihydromorphine see dihydromorphine receptor

receptor, dihydropicrotoxinin see dihydropicrotoxinin receptor

receptor, 1,24-dihydroxycholecalciferol see 1,24-dihydroxycholecalciferol receptor

receptor, 1,25-dihydroxycholecalciferol see 1,25-dihydroxycholecalciferol receptor

receptor, 1,25-dihydroxyvitamin D3 see 1,25-dihydroxycholecalciferol receptor

receptor, diiodotyrosine see diiodotyrosine receptor

receptor, diphtheria toxin see diphtheria toxin receptor

receptor, discoidin I cell binding site see discoidin receptor

receptor, DNA see DNA receptor

receptor, Dolichos biflorus agglutinin see Dolichos biflorus lectin receptor

receptor, Dolichos biflorus lecutin see Dolichos biflorus lectin receptor

receptor, dopamine D-1 see dopamine-D1 receptor

receptor, dopamine-D2 see dopamine-D2 receptor

receptor, dopamine-I see dopamine-I receptor

receptor, dynorphin (1-13) see dynorphin receptor

receptor, ecdysteroid see ecdysteroid receptor

receptor, eledoisin see eledoisin receptor

receptor, enterobactin see enterobactin receptor

receptor, enterochelin see enterobactin receptor

receptor, enterotoxin see enterotoxin receptor

receptor, epidermal growth factor see epidermal growth factor receptor

receptor, epsilon see epsilon receptor

receptor, Epstein-Barr virus see Epstein-Barr virus receptor

receptor, erythropoietin see erythropoietin receptor

receptor, estriol see estriol receptor

receptor, estrone see estrone receptor

receptor, factor H see factor H receptor

receptor, factor X see factor X receptor

receptor, Fc(alpha) see Fc(alpha) receptor

receptor, Fc delta see Fc(delta) receptor

receptor, Fc(epsilon) see Fc(epsilon) receptor

receptor, Fc(gamma) see Fc(gamma) receptor

receptor, Fc gamma see Fc(gamma) receptor

receptor, Fc mu see Fc(mu) receptor

receptor, ferric citrate see ferric citrate receptor

receptor, ferritin see ferritin receptor

receptor, fibrin see fibrin receptor

receptor, fibrinogen see fibrinogen receptor

receptor, fibronectin see fibronectin receptor

receptor, formaldehyde-serum albumin, bovine see formaldehyde-serum albumin receptor

receptor, N-formyl hexapeptide see F-chemotactic peptide receptor

receptor, N-formylmethionyl peptide see N-formylmethionyl peptide receptor

receptor, FSH see FSH receptor

receptor, galactose-N-acetylgalactosamine see galactose-N-acetylgalactosamine receptor

receptor, galactose particle see galactose receptor

receptor, gamma-butyrolactone see 4-butyrolactone receptor

receptor, ganglioside see ganglioside receptor

receptor, gastric inhibitory polypeptide see gastric inhibitory polypeptide receptor

receptor, gastrin see gastrin receptor

receptor, glucagon see glucagon receptor

receptor, glucose see glucose receptor

receptor, glutamate see glutamate receptor

receptor, glutathione see glutathione receptor

receptor, glycine see glycine receptor

receptor, glycolipid see glycolipid receptor

receptor, glycoprotein see glycoprotein receptor

receptor, hapten see hapten receptor

receptor, hCG see hCG receptor

receptor, HDL see HDL receptor

receptor, helix lectin see helix lectin receptor

receptor, heme see heme receptor

receptor, hemoglobin-haptoglobin see hemoglobin-haptoglobin receptor

receptor, heparin see heparin receptor

receptor, hepatitis B surface antigen see hepatitis B surface antigen receptor

receptor, histamine H3 see histamine H3 receptor

receptor, histidyl-proline diketopiperazine see histidyl-proline diketopiperazine receptor

receptor, HN protein, viral see HN protein receptor

receptor, human chorionic gonadotropin see hCG receptor

receptor, hydrocortisone see hydrocortisone receptor

receptor, 4-hydroxybutyric acid see 4-hydroxybutyric acid receptor

receptor, 25-hydroxycholecalciferol see 25-hydroxycholecalciferol receptor

receptor, IgA see IgA receptor

receptor, IGE see immunoglobulin E receptor

receptor, IGG see immunoglobulin G receptor

receptor, IGM see immunoglobulin M receptor

receptor, imipramine see imipramine receptor

receptor, immunoglobulin E see immunoglobulin E receptor

receptor, immunoglobulin G see immunoglobulin G receptor

receptor, immunoglobulin M see immunoglobulin M receptor

receptor, ingenol esters see ingenol ester receptor

receptor, inhibin see inhibin receptor

receptor, insulin-like growth factor see insulin-like growth factor receptor

receptor, interferon see interferon receptor

receptor, interleukin 1 see interleukin 1 receptor

receptor, interleukin 2 see mitogenic factor receptor

receptor, interleukin 3 see interleukin 3 receptor

receptor, intrinsic factor see intrinsic factor receptor

receptor, intrinsic factor-cobalamin see intrinsic factor-cobalamin receptor

receptor, 1-iodotyrosine somatostatin see somatostatin receptor

receptor, kainic acid see kainic acid receptor

receptor, kappa see kappa receptor

receptor, ketocyclazocine see kappa receptor

receptor, kinin see kinin receptor

receptor, kininogen see kininogen receptor

receptor, kynurenine see kynurenine receptor

receptor, lactoferrin see lactoferrin receptor

receptor, lambda see lambda phage receptor

receptor, lambda opiate see lambda opiate receptor

receptor, laminin see laminin receptor

receptor, leukotriene A4 see leukotriene A receptor

receptor, leukotriene B4 see leukotriene B4 receptor

receptor, leukotriene D see SRS-A receptor

receptor, leukotriene E see SRS-A receptor

receptor, LH see LH receptor

receptor, LHFSHRH see LHFSHRH receptor

receptor, lipoglycans see lipoglycan receptor

receptor, lipoprotein see lipoprotein receptor

receptor, LSD see LSD receptor

receptor, lypressin see lypressin receptor

receptor, lysergic acid diethylamide see LSD receptor

receptor, macrophage migration inhibitory factor see macrophage migration inhibitory factor receptor

receptor, mannan see mannan receptor

receptor, mannose see mannose receptor

receptor, mannose-N-acetylglucosamine see mannose-N-acetylglucosamine receptor

receptor, mannose-6-phosphate see mannose-6-phosphate receptor

receptor, melanotropin see MSH receptor

receptor, melatonin see melatonin receptor

receptor, methionine(5)-enkephalin see methionine-enkephalin receptor

receptor, N-methyl-D-aspartate see N-methyl-D-aspartate receptor

receptor, mineralocorticoid see mineralocorticoid receptor

receptor, mitogenic factor see mitogenic factor receptor

receptor, MSH see MSH receptor

receptor, MSH release inhibiting hormone see MSH release inhibiting hormone receptor

receptor, MSHRIH see MSH release inhibiting hormone receptor

receptor, mu see mu receptor

receptor, multiplication-stimulating activity see insulin-like growth factor receptor

receptor, Mycoplasma pneumoniae see Mycoplasma pneumoniae receptor

receptor, naloxone see naloxone receptor

receptor, nerve growth factors see nerve growth factors receptor

receptor, neuroleptic see neuroleptic receptor

receptor, neuropeptide Y see neuropeptide Y receptor

receptor, neurotensin see neurotensin receptor

receptor, neurotoxin see neurotoxin receptor

receptor, norepinephrine see norepinephrine receptor

receptor, norsynephrine see norsynephrine receptor

receptor, octopamine see norsynephrine receptor

receptor, ouabain see cardiac glycoside receptor

receptor, oxytocin see oxytocin receptor

receptor, pancreatic polypeptide see pancreatic polypeptide receptor

receptor, parathyroid hormone see parathyroid hormone receptor

receptor, peanut agglutinin see peanut agglutinin receptor

receptor, PGE2 see prostaglandins E receptor

receptor, PGF2alpha see prostaglandin F2alpha receptor

receptor, phagocytosis see phagocytosis receptor

receptor, phencyclidine see phencyclidine receptor

receptor, phenothiazine see phenothiazine receptor

receptor, phenytoin see phenytoin receptor

receptor, PHI peptide see PHI peptide receptor

receptor, phorbol esters see phorbol ester receptor

receptor, phosphatidylinositol see phosphatidylinositol receptor

receptor, phosphomannosyl enzyme see acid hydrolase receptor

receptor, phosvitin see phosvitin receptor

receptor, picrotoxinin see picrotoxinin receptor

receptor, PIF see prolactin-inhibitory factor receptor

receptor, pirenzepine see pirenzepine receptor

receptor, placental lactogen see placental lactogen receptor

receptor, platelet activating factor see platelet activating factor receptor

receptor, platelet-derived growth factor see platelet-derived growth factor receptor

receptor, polycationized ferritin see ferritin receptor

receptor, poly I-C see poly I-C receptor

receptor, prednisolone see prednisolone receptor

receptor, pregnenolone see pregnenolone receptor

receptor, prolactin see prolactin receptor

receptor, prolactin-inhibitory factor see prolactin-inhibitory factor receptor

receptor, prostacyclin see prostacyclin receptor

receptor, prostaglandin F2alpha see prostaglandin F2alpha receptor

receptor, prostaglandin D2 see prostaglandin D2 receptor

receptor, prostaglandin H2 see prostaglandin H2 receptor

receptor, prostaglandins E see prostaglandins E receptor

receptor protein FecA see ferric citrate receptor

receptor, Pseudomonas exotoxin see Pseudomonas exotoxin receptor

receptor, purine see purine receptor

receptor, purine (P2) see purine receptor

receptor, pyrethrin see pyrethrin receptor

receptor, pyridoxal 5'-phosphate see pyridoxal phosphate receptor

receptor, quinuclidinyl benzilate see quinuclidinyl benzilate receptor

receptor, quisqualate see quisqualate receptor

receptor, relaxin see relaxin receptor

receptor, reovirus type 3 see reovirus type 3 receptor

receptor, retinol binding protein see retinol binding protein receptor

receptor, reverse T3 see reverse T3 receptor

receptor, Ricinus communis lectin see Ricinus communis lectin receptor

receptor, Ricinus communis toxin see Ricinus communis lectin receptor

receptor, ryanodine see calcium-ryanodine receptor complex

receptor, saliva see saliva-interacting cell wall protein (Streptococcus)

receptor, saxitoxin see saxitoxin-binding protein

receptors, t-butylbicyclophosphorothionate see t-butylbicyclophosphorothionate receptor

receptor, scavenger see scavenger receptor

receptors, colicin see colicin receptor

receptors, complement 3 see complement 3 receptor

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receptors, dihydrotestosterone see stanolone receptor

receptor, secretin see secretin receptor

receptor, serine see serine receptor

receptor, serum thymic factor see serum thymic factor receptor

receptor, shigella toxin see shigella toxin receptor

receptor, sialoglycolipid see glycolipid receptor

receptor, siderochrome see siderophore receptor

receptor, siderophore see siderophore receptor

receptor, sigma see sigma receptor

receptor, signal peptide see signal peptide receptor

receptor, SK&F 10,047 see sigma receptor

receptors, nerve growth factors see nerve growth factors receptor

receptor, sodium oxybate see 4-hydroxybutyric acid receptor

receptor, somatocrinin see somatocrinin receptor

receptor, somatomedin see somatomedin receptor

receptor, somatomedin C see insulin-like growth factor receptor

receptor, somatostatin see somatostatin receptor

receptor, somatostatin-28 see somatostatin-28 receptor

receptor, somatotropin see somatotropin receptor

receptor, speract see bindin receptor

receptor, spirodecanone see spirodecanone receptor

receptor, spironolactone see spironolactone receptor

receptor, spiroperidol see spiroperidol receptor

receptor, SRS-A see SRS-A receptor

receptors, scorpion toxin see scorpion toxin receptor

receptors, stanolone see stanolone receptor

receptor, staphylococcal enterotoxins see enterotoxin receptor

receptors, thyrotropin see thyrotropin receptor

receptor, storage protein, Sarcophaga see storage protein receptor

receptors, tranquilizing agents, major see neuroleptic receptor

receptors, trophoblastic beta 1-glycoprotein see trophoblastic beta 1-glycoprotein receptor

receptor, strychnine see strychnine receptor

receptors, TSH see thyrotropin receptor

receptor, substance K see substance K receptor

receptor, substance P see substance P receptor

receptors, vasopressin see vasopressin receptor

receptor, tachykinin see tachykinin receptor

receptor, tamoxifen see tamoxifen receptor

receptor, taurine see taurine receptor

receptor, TCGF see mitogenic factor receptor

receptor, testosterone see testosterone receptor

receptor, tetanus toxin see tetanus toxin receptor

receptor, 2,3,7,8-tetrachlorodibenzo-p-dioxin see 2,3,7,8-tetrachlorodibenzo-p-dioxin receptor

receptor, thrombin see thrombin receptor

receptor, thromboxane see thromboxane receptor

receptor, thymic factor, circulating see serum thymic factor receptor

receptor, thymopoietin see thymopoietin receptor

receptor, thymosin see thymosin receptor

receptor, thyroglobulin see thyroglobulin receptor

receptor, thyrotropin releasing hormone see thyrotropin releasing hormone receptor

receptor, thyroxine see thyroxine receptor

receptor, Tn see Tn receptor

receptor, transcobalamin see transcobalamin receptor

receptor, transferrin see transferrin receptor

receptor, TRH see thyrotropin releasing hormone receptor

receptor, triamcinolone acetonide see triamcinolone acetonide receptor

receptor, triiodothyronine see triiodothyronine receptor

receptor, trypsin see trypsin receptor

receptor, tuftsin see tuftsin receptor

receptor, tyrosyl-prolyl-leucyl-glycinamide see tyrosyl-prolyl-leucyl-glycinamide receptor

receptor, T4 see thyroxine receptor

receptor, urogastrone see epidermal growth factor receptor

receptor, urokinase plasminogen activator see plasminogen activator, urokinase receptor

receptor, vasoactive intestinal peptide see vasoactive intestinal peptide receptor

receptor, vasotocin see vasotocin receptor

receptor, VIP see vasoactive intestinal peptide receptor

receptor, viral envelope proteins see viral envelope protein receptor

receptor, virus fusion protein see virus fusion protein receptor

receptor, vitamin B12 see vitamin B12 receptor

receptor, vitamin E see alpha-tocopherol receptor

receptor, vitellogenin see phosvitin receptor

receptor, vitronectin see vitronectin receptor

receptor, VLDL see VLDL receptor

receptor, von Willebrand factor see von Willebrand factor receptor

receptor, wheat germ agglutinin see wheat germ agglutinin receptor

M-6-P receptor see mannose-6-phosphate receptor

recF gene product see gene proteins, bacterial

recN protein see gene proteins, bacterial

recombinant RNA see RNA, recombinant

Recordil see efloxate

rec1 protein (ustilago)

(SY) ustilago rec1 protein
(SY) rec1 protein
(HM) *FUNGAL PROTEINS
(II) RECOMBINATION, GENETIC
(II) USTILAGO
(NO) promotes formation of joint molecules between circular strands & linear duplex DNA in 2 stages

rec1 protein see rec1 protein (ustilago)

receptor, cyclosporin see cyclosporin receptor

Rec 15-0122 see nifurpipone

Rec 15/0691 see tibenzonium iodide

Rec 15-1476 see fenticonazole

Rec 15-1533 see denzimol

Rec-15-1533 see denzimol

redentin see chlorophacinone

redicomb-D

(HM) *AMINO ACIDS
(NO) amino acid mixture supplemented with fructose, starch & minerals

red iron oxide see ferric oxide

red lead oxide see lead tetroxide

D.C. Red No 17 see sudan III

D&C Red No. 33 see D.C. Red No. 33

D.C. Red No. 33

(RN) 3567-66-6
(SY) 5-amino-4-hydroxy-3-(phenylazo)-2,7-naphthalenedisulfonic acid
(SY) D&C Red No. 33
(HM) *NAPHTHALENESULFONATES
(II) DYES
(NO) RN given refers to disodium salt; RN for parent cpd not in Chemline 4/85

D.C. Red No. 9

(RN) 5160-02-1
(RR) 73263-40-8 (Sr salt[2:1])
(RR) 67990-35-6 (Ca salt[2:1])
(RR) 2092-56-0 (mono-Na salt)
(SY) 5-chloro-2-((2-hydroxy-1-naphthalenyl)azo)-4-methylbenzenesulfonic acid
(SY) 5-chloro-2-((2-hydroxy-1-naphthalenyl)azo)-4-methylbenzenesulfonic acid barium salt
(HM) *AZO COMPOUNDS
(PA) CARCINOGENS
(II) DYES
(NO) RN given refers to Ba salt[2:1]; RN for parent cpd not in Chemline 8/84; structure given in first source

red pigment concentrating hormone see red pigment-concentrating hormone

red pigment-concentrating hormone

(RN) 37933-92-9
(SY) pyroglutamyl-leucyl-asparginyl-phenylalanyl-seryl-prolyl-glycyl-tryptophanamide
(SY) p-Glu-Leu-Asn-Phe-Ser-Pro-Gly-Trp-amide
(SY) Chromatophorotropin, red-pigment concentrating (Pandalus borealis)
(SY) red pigment concentrating hormone
(SY) crustacean erythrophore concentrating hormone
(HM) *OLIGOPEPTIDES
(II) INVERTEBRATE HORMONES
(NO) secreted from crustacean eyestalk X organ-sinus gland complex

red pigment-dispersing hormone see melanophore-dispersing hormone

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Reducdyn see citiolone

reduced haloperidol see 4-(4-(4-chlorophenyl)-4-hydroxy-1-piperidinyl)-1-(4-fluorophenyl)-1-butanol

reduced kepone see chlordecone alcohol

reduced ketanserin see R 46,742

reduced lantadene A see 22 beta-angeloyloxyoleanolic acid

reduced menadione see menadiol

reduced Michler's ketone see N,N,N',N'-tetramethyl-4,4'-methylenedianiline

reduced nicotinamide adenine dinucleotide peroxide see NADH-peroxide

reduced nicotinamide hypoxanthine dinucleotide see nicotinamide-hypoxanthine dinucleotide

reduced vitamin K see vitamin K1 hydroquinone

reduced vitamin K1 see vitamin K1 hydroquinone

reductone
(RN) 497-15-4
(SY) triose reductone
(SY) 2-hydroxy-1,3-propanedial
(SY) 2-hydroxymalonaldehyde
(HM) MALONDIALDEHYDE/*analogs

red 2G
(RN) 3734-67-6
(SY) C.I. 18050
(SY) azofloxin
(SY) azophloxine
(HM) *NAPHTHALENESULFONATES
(HM) *AZO COMPOUNDS
(NO) RN given refers to di-Na salt; RN for parent cpd not in Chemline 8/1/83

refobacin see gentamicin-polymethylmethacrylate bead

Refobacin-Palacos R see gentamicin-polymethylmethacrylate bead

Refosporen see cefazedone

Refosporin see cefazedone

regA gene product see gene proteins, viral

Regan see carcinoplacental isoenzymes

Regan isoenzyme see carcinoplacental isoenzymes

Regroton
(RN) 8058-25-1
(HM) *CHLORTHALIDONE
(HM) *RESERPINE
(HM) DRUG COMBINATIONS
(PA) ANTIHYPERTENSIVE AGENTS
(NO) combination of above cpds used in therapy of hypertension

regulatory factor 36 see RF 36

regulatory protein PII see PIID regulatory protein

regulin
(HM) *CYTOSKELETAL PROTEINS
(NO) MW 230,000 cytoskeleton-associated protein affecting phosphorylation-dephosphorylation

Regulton see amezinium

rehmannic acid
(RN) 467-82-3
(RR) 467-81-2 ((22beta)-(Z)-isomer)
(RR) 66238-96-8 (Na salt(22beta)-isomer)
(SY) lantadene A
(HM) *OLEANOLIC ACID/analogs
(II) TOXINS
(II) PLANT EXTRACTS
(NO) toxic principle, triterpene acid from Lantana camara; RN given refers to (22 beta)-isomer; RN for cpd without isomeric designation not in Chemline 7/27/83; structure

rehydration solution, oral, WHO see World Health Organization oral rehydration solution

Reichstein's substance E see 20-hydroxycortisol

Reigning resin
(RN) 85189-46-4
(HM) *SULFONES
(HM) *POLYMERS
(II) RESINS, SYNTHETIC
(NO) polysulfone denture base polymer; structure given in first source

reineckate see Reinecke Salt

Reinecke Salt
(RN) 16248-93-4
(RR) 13573-16-5 (NH4 salt)
(RR) 22708-05-0 (Ba(2+) salt)
(RR) 19441-09-9 (NH4 salt.hydrate)
(RR) 16925-04-5 (hydride)
(SY) reineckate
(SY) ammonium tetraisothiocyanatodiamine chromate
(HM) *THIOCYANATES
(II) INDICATORS AND REAGENTS
(NO) RN given refers to parent cpd; structure

Reiter protein
(HM) *BACTERIAL PROTEINS
(II) ANTIGENS, BACTERIAL
(NO) lysate of T pallidum (Reiter's strain) used as treponemal antigen in syphilis serodiagnosis

rekonval
(HM) *FOOD ADDITIVES
(II) FOOD, FORMULATED

Relanol see parapenzolate bromide

relaxing factor see muscle relaxing factor

relaxin receptor
(SY) relaxin receptors
(SY) receptor, relaxin
(HM) *SYNAPTIC RECEPTORS
(II) RELAXIN

relaxin receptors see relaxin receptor

Reldan see chlorpyrifos-methyl

relisorm L see gonadorelin

relvene see troxerutin

Remazol brilliant blue R salt see Remazol Brilliant Blue R

Remazol Brilliant Blue R
(RN) 2580-78-1
(SY) reactive blue 19
(SY) Remazol brilliant blue R salt
(HM) *ANTHRAQUINONES
(II) DYES
(NO) structure

remazol yellow GGL see reactive yellow 13

Remodent
(HM) *MINERALS
(II) DENTAL MATERIALS
(NO) promotes remineralization of teeth; no other information available 12/21/81

remoxipride
(RN) 82935-42-0
(RR) 83023-38-5 ((R)-isomer)
(RR) 82935-24-8 (mono-HCl)
(RR) 80125-14-0 ((S)-isomer)
(RR) 73220-04-9 (mono-HCl(R)-isomer)
(RR) 73220-03-8 (mono-HCl(S)-isomer)
(SY) FLA 731(-)
(SY) FLA-731(-)
(SY) (S)-(-)-3-bromo-2,6-dimethoxy-N-((1-ethyl-2-pyrrolidinyl)methyl)benzamide
(HM) *BENZAMIDES
(PA) ANTIPSYCHOTIC AGENTS
(NO) RN given refers to parent cpd; structure given in first source

renacidin
(RN) 8002-14-0
(SY) hemiacidrin
(HM) *CITRATES
(II) PHARMACEUTIC AIDS
(NO) minor descriptor (64-80); on-line search CITRATES (64-80); Index Medicus search PHARMACEUTIC AIDS (64-80)

renal dipeptidase see dipeptidase

renal sulfhydryl oxidase see glutathione oxidase

renal thiol oxidase see glutathione oxidase

renal tubular antigen
(SY) renal tubular epithelial antigen
(SY) antigen, renal tubular
(HM) *ANTIGENS
(II) KIDNEY TUBULES
(NO) found in membranous glomerulonephritis

renal tubular epithelial antigen see renal tubular antigen

Renew (dental material)
(HM) *DENTAL MATERIALS
(HM) *CALCIUM HYDROXIDE
(II) DENTAL CAVITY LINING
(NO) calcium hydroxide base dental material for cavity lining

Renex 30 see emulphogene BC 720

Rengasil see pirprofen

renin-binding protein
(SY) renin binding protein
(HM) *CARRIER PROTEINS
(II) RENIN

renin binding protein see renin-binding protein

renin inhibitory peptide
(RN) 75645-19-1
(SY) Pro-His-Pro-Phe-His-Phe-Phe-Val-Tyr-Lys
(SY) prolyl-histidyl-prolyl-phenylalanyl-histidyl-phenylalanyl-phenylalanyl-valyl-tyrosyl-lysyl
(HM) *OLIGOPEPTIDES
(PA) RENIN/antag
(NO) angiotensinogen analog

renin inhibitory peptide, statine
(SY) Iva-His-Pro-Phe-His-Sta-Leu-Phe-NH2
(SY) SCRIP
(SY) isovaleryl-histidyl-prolyl-phenylalanyl-histidyl-statine-leucyl-phenylalanine
(HM) *OLIGOPEPTIDES
(PA) RENIN/antag

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rennet
(RN) 9042-08-4
(HM) *RENNIN
(NO) NM same as N1

rennin-like enzyme (Aspergillus ochraceus)
(RN) EC 3.4.23.-
(SY) milk-clotting enzyme
(SY) milk-clotting protease
(HM) *PEPTIDE PEPTIDOHYDROLASES
(II) ASPERGILLUS
(NO) similar enzyme found in Bacillus mesentericus

renninogen see prorennin

renocortin
(HM) *GLYCOPROTEINS
(PA) PHOSPHOLIPASES/antag
(NO) phospholipase inhibiting protein induced by dexamethasone in cultured rat renomedullary interstitial cells; see also related records for glucocorticoid induced phospholipase antagonists macrocortin & lipomodulin & group term lipomodulins

renografin 60 see urovision

renografin 76 see urovision

renotrophic factor see renotropins

renotropic factor see renotropins

renotropins
(SY) renotrophic factor
(SY) renotropic factor
(HM) *GROWTH SUBSTANCES
(II) KIDNEY
(NO) factors enhancing compensatory renal growth

Renovaine
(HM) *METHYLNOREPINEPHRINE
(HM) *PROCAINE
(HM) *BUTACAINE
(HM) *TETRACAINE
(HM) DRUG COMBINATIONS
(PA) ANESTHETICS
(NO) contains above 4 cpds

Renovist II see urovision

Reogan
(RN) 79817-41-7
(HM) *CALCIUM HYDROXIDE
(HM) *MAGNESIUM HYDROXIDE
(HM) *BARIUM SULFATE
(HM) *CASEINS
(HM) DRUG COMBINATIONS
(NO) 1 gram contains calcium hydroxide 445.89 mg, magnesium hydroxide 8.52 mg, casein 14.26 mg & barium sulfate 117.7 mg; solution may not always contain barium sulfate

reopirin see wofapyrin

reovirus type 3 receptors see reovirus type 3 receptor

reovirus type 3 receptor
(SY) reovirus type 3 receptors
(SY) receptor, reovirus type 3
(HM) *RECEPTORS, VIRUS
(II) REOVIRUS TYPE 3

RepA protein
(HM) *VIRAL PROTEINS
(II) DNA REPLICATION
(NO) 32-kDa protein; involved in replication of bacteriophage P1; autoregulated activator of replication; also can have a negative regulatory role

RepC protein
(HM) *BACTERIAL PROTEINS
(II) DNA REPLICATION
(NO) from Staphylococcus aureus; freely diffusible protein required for replication of plasmid

replacing factor, T-cell see T-cell-replacing factor

replication factor Y see DNA-dependent ATPase

replication initiator protein, bacterial
(SY) replication initiator protein, plasmid R6K
(SY) RIP, bacterial
(HM) *BACTERIAL PROTEINS
(NO) 36-KDa plamid-encoded initiator protein; autoregulates its own synthesis at the transcriptional step

replication initiator protein, plasmid R6K see replication initiator protein, bacterial

replitase
(HM) *MULTIENZYME COMPLEXES
(II) DNA REPLICATION

rep protein (E coli) see DNA-dependent ATPase

repressor protein P22 see P22 repressor protein

reprosil see vinyl polysiloxane

reproterol
(RN) 54063-54-6
(RR) 62401-83-6 ((-)-isomer)
(RR) 13055-82-8 (mono-HCl)
(SY) Bronchospasmin
(HM) THEOPHYLLINE/*analogs
(HM) ORCIPRENALINE/*analogs
(PA) BRONCHODILATOR AGENTS
(NO) RN given refers to cpd without isomeric designation; structure

resact
(HM) *PEPTIDES
(II) SEA URCHINS
(NO) extracellular peptide from egg jelly of sea urchin Arbacia punctulata with pH 6.6

resazurin
(RN) 550-82-3
(SY) diazoresorcinol
(SY) reazurin
(HM) *OXAZINES
(II) INDICATORS AND REAGENTS
(NO) used as indicator in detection of hyposulfite (sulfoxylate); in food research (reductase test); structure

reserpic acid
(RN) 83-60-3
(RR) 1910-70-9
(HCl(3beta,16beta,17alpha,18beta,20alpha)-isomer)
(HM) RESERPINE/*analogs
(NO) inhibitor of norepinephrine transport into chromaffin vesicle ghosts; RN given refers to (3beta,16beta,17alpha,18beta,20alpha)-isomer parent cpd; structure given in first source

resiniferatoxin
(RN) 57444-62-9
(HM) *DITERPENES
(NO) phorbol related diterpene ester

resin-I(3) see resin-triiodide

resin-triiodide
(SY) resin-I(3)
(SY) triocide
(SY) pentacide
(HM) *IODIDES
(HM) *AMMONIUM COMPOUNDS
(II) DISINFECTANTS
(II) ANION EXCHANGE RESINS
(NO) strongly basic quaternary ammonium anion exchange resin-triiodide disinfectant

resistab see thonzylamine

resivit see leucocyanidin

reslin
(RN) 39471-19-7
(HM) *PYRETHRINS
(HM) *PIPERONYL BUTOXIDE
(PA) INSECTICIDES, BOTANICAL
(NO) combination of bioresmethrin insecticide & piperonyl butoxide synergist

resmethrin
(RN) 10453-86-8
(SY) (5-benzyl-3-furyl)methyl 2,2-dimethyl-3-(2-methylpropenyl)cyclopropemecarboxylate
(HM) *PYRETHRINS
(NO) synthetic pyrethroid insecticide used against a variety of insects; online & Index Medicus search PYRETHRUMS (75-76), PYRETHRINS (77-82)

trans-resmethrin see bioresmethrin

resochin see chloroquine diphosphate

resolvase see transposase

resorantel
(RN) 20788-07-2
(SY) Hoe 296V
(SY) 2,6-dihydroxybenzoic acid 4'-bromanilide
(SY) Terenol
(SY) 4'-bromo-2,6-dihydroxybenzanilide
(HM) *ANILIDES
(PA) ANTHELMINTICS
(NO) structure

resorcin see resorcinol

resorcinol
(RN) 108-46-3
(RR) 64887-63-4 (mono-Cu(2+) salt)
(RR) 6025-45-2 (di-Na salt)
(SY) resorcin
(HM) *RESORCINOLS
(NO) RN given refers to parent cpd; structure in Merck Index, 9th ed, #7951

resorcinol hydroxylase
(RN) EC 1.14.13.-
(HM) *HYDROXYLASES

resorufin
(RN) 635-78-9
(HM) *OXAZINES

respilene see zipeprol

respiratory burst oxidase see superoxide-forming enzyme

respiratory nitrate reductase see nitrate reductase

respirot see prethcamide

Restodent
(RN) 59694-99-4
(HM) *METHYLMETHACRYLATES
(II) COMPOSITE RESINS
(NO) contains bis-GMA, triethyleneglycoldimethacrylate & glass filler; used as orthodontic direct bonding material

Reston
(RN) 80399-57-1
(HM) *POLYMERS
(NO) self-adhering foam used in skin grafting

restriction endonuclease BstNI see endodeoxyribonuclease BstNI

restriction endonuclease ClaI see endodeoxyribonuclease ClaI

restriction endonuclease EcaI see endodeoxyribonuclease EcaI

restriction endonuclease MspI see endodeoxyribonuclease HpaII

anti-restriction protein
(HM) *VIRAL PROTEINS
(PA) RESTRICTION ENDONUCLEASES/antag
(NO) coliphages T3 & T7 protect their DNA from restriction by producing anti-restriction proteins

restrictocin
(RN) 1406-72-0
(HM) PEPTIDES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) from Aspergillus; MW approx 16,000

Retabolil see nandrolone decanoate

retabolyl see nandrolone decanoate

retacillin see bicillin-3

Retandrol see testosterone 17-phenylpropionate

retaxillin see bicillin-3

reticuline
(RN) 485-19-8
(RR) 3968-19-2 ((R)-isomer)
(RR) 1699-46-3 ((+-)-isomer)
(RR) 20938-65-2 (14C-labeled cpd (+-)-isomer)
(RR) 55490-23-8 (HCl(+-)-isomer)
(RR) 14199-16-7 (perchlorate)
(HM) *ALKALOIDS
(NO) opium alkaloid; dopamine receptor blocker; RN given refers to (S)-isomer; RN for cpd without isomeric designation not in Chemline 7/26/83; structure

retina derived growth factor see eye-derived growth factor

retinal S-antigen see S antigen

retinal binding protein see 11-cis-retinal-binding protein

11-cis-retinal binding protein see 11-cis-retinal-binding protein

11-cis-retinal-binding protein
(SY) retinal binding protein
(SY) 11-cis-retinal binding protein
(HM) *CARRIER PROTEINS
(II) RETINALDEHYDE

retinal dehydrogenase
(RN) EC 1.2.1.36
(SY) retinal oxidase
(HM) *ALDEHYDE OXIDOREDUCTASES

retinal oxidase see retinal dehydrogenase

retinal purpurin
(HM) *EYE PROTEINS
(NO) found in neural retina adherons; MW 20,000; stimulates neural retina cell-substratum adhesion & prolongs the survival of neural retina cells in culture

retinal reductase see retinol dehydrogenase

retinal(2) see dehydroretinal

retinamide ethyl benzoate see 4-(carboethoxypheny1)retinamide

retinochrome
(RN) 56274-73-8
(SY) meta-retinochrome
(HM) *RETINAL PIGMENTS

retinoic acid-binding protein see retinoic acid-binding proteins

retinoic acid binding protein see retinoic acid-binding proteins

retinoic acid binding proteins see retinoic acid-binding proteins

retinoic acid-binding proteins
(SY) retinoic acid binding protein
(SY) retinoic acid receptor
(SY) retinoic acid-binding protein
(SY) retinoic acid binding proteins
(HM) *CARRIER PROTEINS
(II) TRETINOIN
(II) NEOPLASM PROTEINS
(NO) proteins found in extracts of human lung, chick embryo skin, bladder tumors & breast carcinomas that bind specifically to retinoic acid; also found in normal tissue

retinoic acid receptor see retinoic acid-binding proteins

13-cis-retinoic acid see Ro 4-3780

retinoid 7901
(HM) TRETINOIN/*analogs
(NO) synthetic retinoid which inhibited Epstein-Barr virus early antigen induction

retinol acetate
(RN) 127-47-9
(RR) 29444-27-7 ((9,13-cis)-isomer)
(SY) retinyl acetate
(SY) vitamin A acetate
(HM) VITAMIN A/*analogs
(NO) RN given refers to cpd without isomeric designation; structure

retinol-binding glycoprotein
(SY) IRBP
(SY) interphotoreceptor retinol-binding protein
(HM) *RETINOL-BINDING PROTEINS
(II) EYE PROTEINS
(NO) from bovine neural retina; binds several retinoids; MW 249,000; contains sialic acid, neutral hexoses & glucosamine

retinol-binding protein receptor see retinol binding protein receptor

retinol binding protein receptor
(SY) retinol binding protein receptors
(SY) RBP receptors
(SY) receptor, retinol binding protein
(SY) retinol-binding protein receptor
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) RETINOL-BINDING PROTEINS

retinol binding protein receptors see retinol binding protein receptor

retinol-binding protein (type 2)
(SY) CRBP (II)
(HM) *RETINOL-BINDING PROTEINS
(NO) found mainly in cells of small intestine; different from well-known protein CRBP

retinol dehydrogenase
(RN) EC 1.1.1.105
(RR) 9033-53-8 (CRN)
(SY) retinal reductase
(HM) *ALCOHOL OXIDOREDUCTASES

retinol ester synthetase
(RN) EC 2.3.1.-
(SY) retinol-palmitate synthetase
(SY) retinol stearate synthetase
(SY) fatty acyl coenzyme A-retinol acyltransferase
(SY) Acyl CoA-retinol acyltransferase
(HM) *ACYLTRANSFERASES

retinol oleate
(RN) 631-88-9
(SY) retinyl oleate
(HM) VITAMIN A/*analogs
(NO) RN given refers to (Z)-isomer; RN for cpd without isomeric designation not in Chemline 8/84

retinol palmitate
(RN) 79-81-2
(RR) 37340-08-2 (former CAS registry number)
(SY) retinyl palmitate
(SY) vitamin A palmitate
(SY) aquasol A
(HM) VITAMIN A/*analogs
(NO) RN given refers to parent cpd; structure

retinol-palmitate esterase
(RN) EC 3.1.1.21
(RR) 9063-69-8 (CRN)
(SY) retinol-palmitate hydrolase
(SY) retinyl palmitate hydrolase
(HM) *CARBOXYLIC ESTER HYDROLASES

retinol-palmitate hydrolase see retinol-palmitate esterase

retinol-palmitate synthetase see retinol ester synthetase

retinol phosphate
(RN) 53859-19-1
(SY) retinyl phosphate
(SY) retinylphosphate
(SY) retinylphosphate biscyclohexylammonium salt
(HM) VITAMIN A/*analogs

retinol stearate see retinyl stearate

retinol stearate synthetase see retinol ester synthetase

retinotaurine
(RN) 81957-68-8
(SY) 2-(8-(6-(hydroxymethyl)-2,6-dimethyl-3-oxo-1-cyclohexen-1-yl)-2,6-dimethyl-5,7-octadienamido) ethanesulfonic acid
(HM) TRETINOIN/*analogs
(NO) biliary metabolite of all-trans retinoic acid in rat; structure given in first source

retinoyl beta-glucuronide see retinoyl glucuronide

retinoyl fluoride
(RN) 83802-77-1
(RR) 87760-33-6 ((9-cis)-isomer)
(SY) trans-retinoyl fluoride
(SY) 9-cis-retinoyl fluoride
(HM) TRETINOIN/*analogs
(NO) structure given in first source

trans-retinoyl fluoride see retinoyl fluoride

9-cis-retinoyl fluoride see retinoyl fluoride

trans-retinoyl glucuronide see retinoyl glucuronide

retinoyl glucuronide
(RN) 401-10-5
(SY) retinoyl beta-glucuronide
(SY) trans-retinoyl glucuronide
(SY) 13-cis-retinoyl glucuronide
(HM) TRETINOIN/*analogs
(NO) metabolite of retinoic acid in bile

13-cis-retinoyl glucuronide see retinoyl glucuronide

12-O-retinoylphorbol-13-acetate
(RN) 80188-99-4
(SY) 12-ORPA
(SY) phorbol-12-retinoate-13-acetate
(HM) *PHORBOL ESTERS

retinyl acetate see retinol acetate

retinyl-BA see N-retinylidene-n-butylamine

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retinyl esterase
(RN) EC 3.1.1.-
(SY) retinyl ester hydrolase
(HM) *CARBOXYLIC ESTER HYDROLASES

retinyl ester hydrolase see retinyl esterase

retinyl ester lipoprotein complex
(HM) *LIPOPROTEINS
(HM) *RETINOL-BINDING PROTEINS

retinyl hexadecyl ether
(RN) 85563-59-3
(HM) VITAMIN A/*analogs

N-retinylidene-n-butylamine
(RN) 36076-04-7
(SY) retinyl-BA
(HM) *RETINOIDS
(II) RETINAL PIGMENTS
(NO) structure

retinylidene dimedone
(RN) 70424-15-6
(SY) 2-retinylidene-5,5-dimethyl-1,3-cyclohexanedione
(HM) *RETINOIDS
(NO) retinoid which prevents transformation of mammary gland by DMBA in mouse whole organ culture

2-retinylidene-5,5-dimethyl-1,3-cyclohexanedione see retinylidene dimedone

retinylidene methylnitrone
(SY) all-trans-retinylidene methylnitrone
(SY) alpha-(2,6-dimethyl-8-(2,6,6-trimethyl-1-cyclohexen-1-yl)-1,3,5,7-octatetracnyl)-N-methylnitrone
(HM) *RETINOIDS
(NO) structure given in first source

retinyl oleate see retinol oleate

retinylopsin see opsin

retinyl palmitate see retinol palmitate

retinyl palmitate hydrolase see retinol-palmitate esterase

retinylphosphate see retinol phosphate

retinyl phosphate see retinol phosphate

retinylphosphate biscyclohexylammonium salt see retinol phosphate

retinyl phosphate mannose see mannosylretinylphosphate

retinyl stearate
(RN) 631-87-8
(SY) retinol stearate
(SY) vitamin A stearate
(HM) Vitamin A/*analogs

retrogradely transported trophic proteins see neurotrophic protein

retrohydroxamate ferrichrome
(SY) ferrichrome, retrohydroxamate
(HM) *FERRICHROME/analogs
(NO) biomimetic ferrichrome analog; structure given in first source

retronecine
(RN) 480-85-3
(RR) 875-22-9 (mono-HCl(1S-trans)-isomer)
(RR) 15342-56-0 (mono-HCl(1S-cis)-isomer)
(RR) 520-63-8 ((1S-cis)-is9mer)
(SY) heliotridine
(HM) *PYRROLIZIDINE ALKALOIDS
(NO) RN given refers to (1R-trans)-isomer; RN for cpd without isomeric designation not in Chemline 7/27/83; structure

retrophins see neurotrophic protein

retroposons
(HM) *DNA
(II) GENES
(II) DNA INSERTION ELEMENTS
(NO) class of dispersed sequences in DNA , which appear to have arisen during evolution by a particular mechanism of inserting RNA sequences into chromosomal DNA; include processed mRNA pseudogenes, Alu sequences & a variety of other sequences; distinct from transposons & retroviruses

retrorsine
(RN) 480-54-6
(RR) 15503-87-4 ((15E)-isomer)
(RR) 36168-23-7 (HCl)
(HM) *PYRROLIZIDINE ALKALOIDS
(NO) RN given refers to cpd without isomeric designation; structure

retrostatin see reverse transcriptase inhibitors

retro-thiorphan see thiorphan

retrovirus pp32 protein see avian retrovirus proteins

reumycin
(RN) 5016-18-2
(SY) 6-methylpyrimido(5,4-e)-as-triazine-5,7(6H,8H)-dione
(SY) rheumycin
(SY) N-1-demethylxanthotricin
(HM) TRIAZINES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) isolated from Actinomyces; structure

Revercan see 2-aminothiazoline

reverse T3 receptor
(SY) receptor, reverse T3
(SY) triiodothyronine, reverse, receptors
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) TRIIODOTHYRONINE, REVERSE

reverse T3 sulfate see triiodothyronine, reverse-4-sulfate

reverse transcriptase inhibitors
(SY) RTase inhibitor
(SY) retrostatin
(SY) limocrocin
(HM) REVERSE TRANSCRIPTASE/*antag
(PA) ANTIBIOTICS
(NO) found in human organs & antibiotics; MW 85,000 protein from cultured cells

REV-3164 see RHC 3164

REV 3164 see RHC 3164

REV 5320A see celiprolol

Rexillium III
(RN) 75864-62-9
(HM) *CHROMIUM ALLOYS
(II) DENTAL ALLOYS

RFCNU
(RN) 56194-22-0
(RR) 54138-84-0 ((beta-D-ribofuranosyl)-isomer)
(SY) 1-(2-chloroethyl)-3-(1'-(5'-4-nitrobenzoyl-2',3'-isopropylidene)-alpha,beta-D-ribofuranosyl)-1-nitrosourea
(SY) N-(2-chloroethyl-1-ribofuranosyl-2',3'-isopropylidene-5'-(p-nitrobenzoate)-3- nitrosourea
(HM) *NITROSOUREA COMPOUNDS
(PA) ANTINEOPLASTIC AGENTS
(NO) RN given refers to ribofuranosyl-cpd

RFH see rabbit factor H

1-RFPT see 1-(beta-ribofuranosyl)furo(3,4-d)pyrimidine-2,4,7(1H,3H,5H)-trione

RF 36
(SY) RF-36
(SY) regulatory factor 36
(HM) *CRYSTALLINS
(II) DNA-BINDING PROTEINS
(NO) MW 36,00 ; nucleic acid binding protein from calf lens

RF-36 see RF 36

RF 46-790 see fluproquazone

RGH-0205 see RGH 0205

RGH 0205
(RN) 85465-82-3
(SY) arginyl-lysyl-aspartic acid
(SY) Arg-Lys-Asp
(SY) RGH-0205
(HM) *OLIGOPEPTIDES
(II) ADJUVANTS, IMMUNOLOGIC
(NO) RN given refers to all (L)-isomer; RN for cpd without isomeric designation not in Chemline 7/85

RGH-0206 see RGH 0206

RGH 0206
(SY) Arg-Lys-Asp-Val
(SY) arginyl-lysyl-aspartyl-valine
(SY) RGH-0206
(HM) *OLIGOPEPTIDES
(II) ADJUVANTS, IMMUNOLOGIC

RGH-1106 see pipecurium

RGH 1106 see pipecurium

RGH 3331
(RN) 59009-93-7
(SY) RGH-3331
(SY) uxepam
(SY) 1-methyl-4-carbamoyl-5-phenyl-7-chloro-1,3,4,5-tetrahydro-2H-1,4-benzodiazepine-2-one
(HM) *BENZODIAZEPINONES
(PA) BENZODIAZEPINE TRANQUILIZERS

RGH-3331 see RGH 3331

RGH 3332 see flumecinol

RGH-4201 see dihydrochandonium

RGH-4405 see ethyl apovincaminate

RGW 609
(RN) 71006-77-4
(SY) RGW-609
(SY) 1-(2-phenoxyethyl)-2-nitroimidazole
(HM) *NITROIMIDAZOLES
(PA) RADIATION-SENSITIZING AGENTS

RGW-609 see RGW 609

RhacacCod see acetylacetonate-1,5-cyclooctadiene rhodium I

rhamnogalacturonan I
(RN) o
(HM) *PECTINS
(NO) pectic polysaccharide from sycamore cell walls; composed of galactosyluronic acid, rhamnosyl, galactosyl, arabinosyl & fucosyl residues

rhamnogalacturonan II
(HM) *POLYSACCHARIDES
(NO) structurally different from rhamnogalacturonan I; consists of appx 60 glycosyl residues including 2-O-methyl fucosyl, 2-O-methyl xylosyl, apiosyl & 3-C-carboxy-5-deoxy-L-xylosyl

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RH-antibodies
(SY) RHO(D) antibody
(HM) *ISOANTIBODIES

RH(D)antigen polypeptide see Rho(D) antigen

rhaponticin see rhapontin

rhapontin
(RN) 155-58-8
(SY) 3,5,3'-trihydroxy-4'-methoxystilbene 3-O-beta-D-glucoside
(SY) rhaponticin
(HM) *STILBENES
(NO) constituent of rhubarb rhizome

rhatannin
(RN) 80456-02-6
(SY) condensed tannin
(HM) *TANNINS
(NO) from Rhei Rhizoma; traditional oriental medicine which decreases blood urea nitrogen

RHC 2851
(RN) 80708-30-1
(SY) RHC-2851
(HM) *TRIAZOLES
(PA) HISTAMINE H1 RECEPTOR BLOCKADERS
(NO) structure given in first source

RHC-2851 see RHC 2851

RHC-2906 see flordipine

RHC 2906 see flordipine

RHC 2963
(SY) RHC-2963
(SY) 7-methylpyrido(3',2'-4,5)thieno(3,2-d)-1,2,3-triazine-4(3H)-one
(HM) *PYRIDINES
(PA) HISTAMINE H1 RECEPTOR BLOCKADERS

RHC-2963 see RHC 2963

RHC 3024
(RN) 78620-37-8
(SY) RHC-3024
(HM) *OXAZOLES
(PA) HISTAMINE H1 RECEPTOR BLOCKADERS
(NO) structure given in first source

RHC-3024 see RHC 3024

RHC 3164
(RN) 80708-33-4
(SY) RHC-3164
(SY) REV 3164
(SY) REV-3164
(SY) 7-chloro-5-propyl(1,2,4-triazolo(4,3-a) quinoxaline-1,4(2H,5H)-dione
(HM) *TRIAZOLES
(PA) 3',5'-CYCLIC AMP PHOSPHODIESTERASE/antag
(PA) HISTAMINE H1 RECEPTOR BLOCKADERS
(PA) 2',3'-CYCLIC NUCLEOTIDE PHOSPHODIESTERASE/antag
(NO) structure given in first source

RHC-3164 see RHC 3164

RHC-3281 see RHC 3281

RHC 3281
(RN) 33353-30-9
(SY) desethanol tiaramide
(SY) RHC-3281
(SY) DETR
(HM) *PIPERAZINES
(PA) HISTAMINE H1 RECEPTOR BLOCKADERS
(NO) tiaramide metabolite; structure given in first source

RHC 3288
(RN) 78620-28-7
(SY) RHC-3288
(SY) 1-methyl-2-(1,3,4-oxadiazol-2(3H)-one-5-yl) benzimidazole
(HM) *OXADIAZOLES
(PA) ANTIHISTAMINICS
(NO) structure given in first source

RHC-3288 see RHC 3288

RHC 3414
(RN) 76993-14-1
(SY) RHC-3414
(SY) 7-phenylpyrido(3',2'-4,5)-thieno(3,2-d)-1,2,3-triazine-4(3H)-one
(HM) *TRIAZINES
(PA) HISTAMINE H1 RECEPTOR BLOCKADERS
(NO) may possess the ability to inhibit chronic inflammatory processes; structure given in first source

RHC-3414 see RHC 3414

RHC-3659 see RHC 3659

RHC 3659
(RN) 76963-39-8
(SY) N-cyclopentyl-N-(3-((2,2-dimethyl-1-oxopropyl) thio)-2-methyl-1-oxypropyl)glycine
(SY) RHC-3659
(SY) pivalopril
(HM) *CYCLOPENTANES
(PA) ANGIOTENSIN CONVERTING ENZYME/antag
(PA) ANTIHYPERTENSIVE AGENTS
(NO) structure given in first source

RHC-80267 see RHC 80267

RHC 80267
(RN) 83654-05-1
(SY) 1,6-di(O-(carbamoyl)cyclohexanone oxime)hexane
(SY) RHC-80267
(HM) *CYCLOHEXANONES
(PA) LIPOPROTEIN LIPASE/antag
(NO) selective inhibitor of canine platelet diglyceride lipase

rhein
(RN) 478-43-3
(SY) 4,5-dihydroxyanthraquinone-2-carboxylic acid
(SY) dipropionyl rhein
(HM) *ANTHRAQUINONES
(PA) NADH, NADPH OXIDOREDUCTASES/antag

rhenium oxide see perrhenate

rheomelanins
(HM) *MELANINS
(NO) plasma soluble, brown colored compounds in plasma, yellow in lower conc. formed from L-epinephrine, l-norepinephrine, dopamine or L-dopa

rheopyrine see wofapyrin

rheumatoid arthritis nuclear antigen
(SY) RTANA
(HM) *AUTOANTIGENS
(NO) see also Epstein-Barr virus associated antigen

Rheumon Gel see etofenamate

rheumopirin see wofapyrin

rheumycin see reumycin

anti-Rh(o)(D) globulin see RHo(D) Immune Globulin

rhGRF(1-43) see somatotropin releasing hormone (1-43)

Rh immune globulin see RHo(D) Immune Globulin

rhinasal
(RN) 89212-58-8
(HM) *PHENYLPROPANOLAMINE
(HM) *ACETAMINOPHEN
(HM) DRUG COMBINATIONS
(NO) combination of above cpds used in treatment of sinusitis

rhizobitoxine
(RN) 37658-95-0
(HM) *PROPANOLAMINES
(PA) ANTIFUNGAL AGENTS
(II) PLANT EXTRACTS
(NO) toxic substance found in extracts of R. japonicum; believed to be helpful in protecting soybean roots from M. phaseolina infection

rhizonin A
(RN) 85803-92-5
(HM) *PEPTIDES, CYCLIC
(II) MYCOTOXINS
(NO) isolated from Rhizopus microsporus

Rhizopus acid protease see Rhizopus carboxyl proteinase

Rhizopus carboxyl proteinase
(RN) EC 3.4.23.-
(SY) rhizopuspepsin
(SY) Rhizopus acid protease
(HM) *PEPTIDE PEPTIDOHYDROLASES

rhizopuspepsin see Rhizopus carboxyl proteinase

rhizoxin
(HM) LACTONES
(PA) ANTIBIOTICS, ANTIFUNGAL
(NO) from Rhizopus chinensis; causal agent of rice seedling blight; structure given in first source

RHO(D) antibody see RH-antibodies

Rho(D) antigen
(SY) Rho(D) factor
(SY) Rho/d/factor
(SY) RH(D)antigen polypeptide
(HM) *RH-HR BLOOD-GROUP SYSTEM
(II) PEPTIDES

rho-ATPase
(RN) EC 3.6.1.-
(SY) ATPase, rho-
(SY) rho-NTPase
(HM) *ADENOSINE TRIPHOSPHATASE
(II) RHO FACTOR

rhodamine B
(RN) 14899-08-2
(RR) 6663-75-8 (acetate)
(RR) 72561-83-2 (dihydride)
(RR) 81-88-9 (chloride)
(HM) *RHODAMINES
(II) FLUORESCENT DYES
(NO) RN & N1 from 9th CI Form Index; RN given refers to parent cpd; structure in Merck Index, 9th ed, #7973

rhodamine 6GO see rhodamine 6G

rhodamine isothiocyanate
(RN) 36877-69-7
(HM) *RHODAMINES
(II) FLUORESCENT DYES

rhodamine tetramethylisothiocyanate see tetramethylrhodamine isothiocyanate

rhodamine WT
(RN) 37299-86-8
(HM) *RHODAMINES

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rhodamine 116
(RN) 62669-77-6
(HM) *RHODAMINES
(II) DYES
(NO) RN given refers to perchlorate; RN for parent cpd not in Chemline 4/85

rhodamine 123
(RN) 62669-70-9
(HM) *RHODAMINES
(II) DYES
(II) FLUORESCENT DYES
(NO) mitochondria-specific stain

rhodamine 6G
(RN) 989-38-8
(RR) 63022-08-2 (tungstophosphate)
(RR) 63022-07-1 (molybdophosphate)
(RR) 63022-06-0 (molbdosilicate)
(RR) 65366-87-2 (molybdate)
(RR) 13161-28-9 (perchlorate)
(SY) rhodamine 6GO
(HM) *RHODAMINES
(II) DYES
(II) STAINS AND STAINING
(NO) RN given refers to HCl; RN for parent cpd not in Chemline 7/27/83

rhodaminyl-lysine-phallotoxin
(SY) RD-Lys-PT
(HM) *PHALLOIDINE/analogs
(HM) *RHODAMINES
(II) AMANITINS

rhodanide see potassium thiocyanate

rhodanile blue
(RN) 14969-56-3
(HM) *XANTHENES
(II) DYES
(NO) RN given refers to chloride; RN for parent cpd not in Chemline 4/85

Rhod-N3-dLVP see vasopressin, 1-deamino-(3-(4-azido-Phe))-8-Lys-

rhodergon
(RN) 53026-87-2
(SY) rhodergon 8000
(HM) *POLYESTERS
(II) BIOCOMPATIBLE MATERIALS
(NO) plastic prosthesis material

rhodergon 8000 see rhodergon

rhodizonic acid
(RN) 118-76-3
(RR) 523-21-7 (Na salt)
(RR) 13021-40-4 (di-K salt)
(RR) 16832-52-6 (Ba salt)
(SY) ((3,4,5,6-tetraoxo-1-cyclohexen-1,2-ylene)dioxy) disodium
(SY) sodium rhodizonate
(HM) *CYCLOHEXANONES
(NO) RN given refers to parent cpd; structure

rhodomycinone
(RN) 21288-60-8
(HM) NAPHTHACENES
(PA) ANTIBIOTICS
(NO) anthracycline antibiotic

rhodomycins
(RN) 1401-16-7
(RR) 23666-50-4 (beta-rhodomycin II)
(RR) 55898-17-4 (beta-rhodomycin S 1b)
(RR) 55898-18-5 (beta-rhodomycin S 3)
(RR) 55898-16-3 (beta-rhodomycin S 4)
(HM) NAPHTHACENES
(PA) ANTIBIOTICS
(NO) anthracycline antibiotic; antibiotic substance from Streptomyces strain JA 8467; RN given refers to cpd with unknown MF; structure

rhodopsin cleaving enzyme
(RN) EC 3.4.23.-
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) from retinal pigment epithelium; acid protease which cleaves rhodopsin to a glycopeptide

rhodopsin kinase
(RN) EC 2.7.1.-
(HM) *PROTEIN KINASES
(NO) aspect of EC 2.7.1.37, protein kinase; resembles retinal S-antigen in capacity to induce uveitis in experimental animals

rhodopsin sR see slow rhodopsin

rhodopsin tR see slow rhodopsin

rhodoquinone
(RN) 5591-74-2
(RR) 15067-23-9 (rhodoquinone 9)
(HM) UBIQUINONE/*analogs
(NO) methoxy group of ubiquinone substituted with amino group; RN given refers to parent cpd

rhodotorucine A
(RN) 66106-15-8
(HM) *OLIGOPEPTIDES
(NO) structure

rhodotorulic acid
(RN) 18928-00-2
(RR) 38181-00-9 (Fe(3+) salt(1S-cis)-isomer)
(SY) cyclo-di(alpha-N-acetyl-alpha-hydroxy-L-ornithine)
(HM) *PIPERAZINES
(NO) RN given refers to (1S-cis)-isomer; RN for cpd without isomeric designation not in Chemline 7/27/83; structure

rhodoxanthin
(RN) 116-30-3
(HM) *CAROTENOIDS
(NO) RN given refers to (all-trans)-isomer; RN for cpd without isomeric designation not in Chemline 8/1/83

Rho/d/factor see Rho(D) antigen

Rho(D) factor see Rho(D) antigen

RhoGAM see RHo(D) Immune Globulin

RHo(D) Immune Globulin
(SY) Rho (D)Immune Globulin (human)
(SY) gamulin Rh
(SY) RhoGAM
(SY) Rh immune globulin
(SY) Win Rho
(SY) MICRhoGAM
(SY) IGG anti-D gamma globulin
(SY) anti-Rh(o)(D) globulin
(SY) anti-D-immunoglobulin
(SY) anti-D-gamma globulin
(SY) microdose of Rh(o) immune globulin (human)
(HM) *IMMUNOGLOBULINS
(II) RH-HR BLOOD-GROUP SYSTEM
(II) ISOANTIBODIES
(II) IGG

Rho (D)Immune Globulin (human) see RHo(D) Immune Globulin

rhomotoxin see grayanotoxin I

rho-NTPase see rho-ATPase

Rh-phalloidin see tetramethylrhodaminylphalloidine

RH 0994
(RN) 59010-86-5
(SY) RH-0994
(SY) O-(4((4-chlorophenyl)thio)phenyl) O-ethyl S-propyl phosphorothioate
(HM) *THIOPHOSPHORIC ACID ESTERS
(PA) INSECTICIDES, ORGANOTHIOPHOSPHATE

RH-0994 see RH 0994

RH-315 see pronamide

RH 398
(RN) 81774-76-7
(SY) RH-398
(HM) *INSECT REPELLENTS

RH-398 see RH 398

RH 787 see vacor

RH-8 see Tromaril

RIBA see iodobenzyltrimethylammonium

ribavirin-5'-phosphate
(RN) 40925-28-8
(RR) 66983-94-6 (di-Li salt)
(RR) 40371-97-9 (mono-NH4 salt)
(RR) 66989-39-7 (cpd with unspecified locant for phosphate moiety)
(SY) 1 beta-D-ribofuranosyl-1,2,4-triazole-3-carboxamide- 5'-phosphate
(SY) virazole 5'-phosphate
(HM) *RIBAVIRIN/analogs
(PA) ANTIVIRAL AGENTS
(NO) RN given refers to 5'-phosphate cpd; structure

ribavirin-TP see ribavirin 5'-triphosphate

ribavirin 2',3',5'-triacetate
(RN) 40372-03-0
(HM) *RIBAVIRIN/analogs
(NO) used in treatment of viral diseases of brain

ribavirin 5'-triphosphate
(RN) 63142-71-2
(SY) ribavirin-TP
(HM) *RIBAVIRIN/analogs
(PA) ANTIVIRAL AGENTS
(NO) structure given in first source

ribitol dehydrogenase
(RN) EC 1.1.1.56
(HM) *SUGAR ALCOHOL DEHYDROGENASES

D-ribitol-5-phoshate cytidylyltransferase
(RN) EC 2.7.7.40
(SY) CDPribitol pyrophosphorylase
(HM) *NUCLEOTIDYLTRANSFERASES
(NO) catalyzes reversibly the reaction of CTP & ribitol-5-phosphate to yield CDPribitol & pyrophosphate

ribitol-5-phosphate dehydrogenase
(RN) EC 1.1.1.137
(HM) *SUGAR ALCOHOL DEHYDROGENASES

ribitol-5-phosphate
(RN) 3506-18-1
(HM) *PENTOSEPHOSPHATES

ribitol teichoic acid
(HM) *TEICHOIC ACIDS

4-ribitylamino-5-amino-2,6-dihydroxypyrimidine
(HM) *RIBONUCLEOSIDES
(NO) precursor of riboflavin; structure

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ribocharin
(HM) *NUCLEOPROTEINS
(II) CELL NUCLEOLUS
(NO) MW 40,000 acidic nuclear protein specifically associated with granular component of nucleolus & nucleoplasmic particles

riboflavinal see vitamin B2 aldehyde

riboflavin binding protein see riboflavin-binding protein

riboflavin-binding protein
(SY) riboflavin-carrier protein
(SY) riboflavin binding protein
(HM) *CARRIER PROTEINS
(II) EGG PROTEINS
(II) RIBOFLAVIN
(NO) reproduction-specific, high affinity carrier protein found in chicken egg yolks & pregnant rats which is responsible for the delivery of riboflavin to the developing fetus

riboflavin 8-carboxylic acid
(SY) 8-carboxyriboflavin
(HM) RIBOFLAVIN/*analogs

riboflavin-carrier protein see riboflavin-binding protein

riboflavin kinase
(RN) EC 2.7.1.26
(RR) 9032-82-0 (CRN)
(SY) Flavokinase
(HM) *PHOSPHOTRANSFERASES, ATP

riboflavin-5'-monobutyrate
(RN) 20704-80-7
(HM) RIBOFLAVIN/*analogs

riboflavin tetrabutyrate
(RN) 752-56-7
(RR) 16974-04-2 (riboflavin-2-(14)C-labeled cpd)
(SY) vitamin B2 tetrabutyrate
(HM) RIBOFLAVIN/*analogs
(NO) RN given refers to unlabeled parent cpd

1-D-ribofuranosyl-5-bromouracil-nucleoside see 5-bromouridine

3-ribofuranosyl-4,9-dihydro-4,6-dimethyl-9-oxo-1H-imidazo(1,2-a)purine see wyosine

3(5)-ribofuranosyl- 4-hydroxypyrazol-5(3)-carboxamide see pyrazofurin

3-ribofuranosylorotic acid see orotidine

2-ribofuranosylselenazole-4-carboxamide see selenazofurin

2-ribofuranosylthiazole-4-carboxamide see tiazofurin

D-ribo-2-hexulose see Psicose

D-ribo-2-ketohexose see Psicose

ribokinase
(RN) EC 2.7.1.15
(RR) 9026-84-0 (CRN)
(SY) deoxyribokinase
(HM) *PHOSPHOTRANSFERASES, ATP
(NO) substrate ribose may be replaced by deoxyribose

ribonuclease A(1-13) see ribonuclease A, C-peptide

ribonuclease B
(RN) EC 3.1.27.-
(SY) RNase B
(HM) *RIBONUCLEASES
(NO) glycoprotein from bovine, guinea pig, rodent pancreas

ribonuclease BN
(RN) EC 3.1.13.-
(SY) RNase BN
(HM) *EXORIBONUCLEASES
(NO) acts on tRNA substrates containing nucleotide substitutions within the -C-C-A sequence at pH 6.5

ribonuclease bovine seminal plasma see ribonuclease SPL

ribonuclease BS-1 see ribonuclease SPL

ribonuclease C
(RN) EC 3.1.27.-
(SY) RNase C
(SY) poly C-specific ribonuclease
(HM) *ENDORIBONUCLEASES
(NO) high substrate specificity for poly C

ribonuclease CH
(RN) EC 3.1.27-
(HM) *ENDORIBONUCLEASES
(NO) monovalent & divalent cation requiring endoribonuclease from calf heart; creates 5'-hydroxy & 3'-phosphate groups; cleaves predominantly between pyrimidine & A residues

ribonuclease D see ribonuclease III

ribonuclease E
(RN) EC 3.1.4.-
(SY) RNase E
(HM) *ENDORIBONUCLEASES
(NO) processes p5 rRNA in E coli

ribonuclease F
(RN) EC 3.1.27.-
(SY) nuclease F
(SY) RNase F
(HM) *ENDORIBONUCLEASES
(NO) oligo-isoadenylate dependent; degrades mRNA template; increased by interferon treatment; forms 3'-phosphate & 5'-hydroxyl groups

ribonuclease H see endoribonuclease H

ribonuclease II
(RN) EC 3.1.13.1
(SY) exoribonuclease
(SY) RNase II
(HM) *EXORIBONUCLEASES
(NO) formerly EC 3.1.4.20; see also EC 3.1.27.1 for an endoribonuclease II

ribonuclease III
(RN) EC 3.1.26.3
(SY) RNase III
(SY) double stranded-ribonucleate oligonucleotidohydrolase
(SY) RNase D
(SY) ribonuclease D
(SY) RNA processing enzyme
(HM) *ENDORIBONUCLEASES

ribonuclease inhibitor (placental) see placental ribonuclease inhibitor

ribonuclease M
(RN) EC 3.1.27.-
(SY) RNase M
(SY) RNase M(M)
(SY) RNase M(L)
(HM) *ENDORIBONUCLEASES
(NO) membrane-bound RNase with endonuclease activity; RNase M(M) has longer & RNase M(L) has shorter carbohydrate chain

ribonuclease Ms see ribonuclease T2

ribonuclease M5
(RN) EC 3.1.26.-
(SY) RNase M5
(HM) *ENDORIBONUCLEASES
(NO) rRNA processing endonuclease

ribonuclease P
(RN) EC 3.1.26.5
(SY) RNase P
(HM) *ENDORIBONUCLEASES
(II) RNA, BACTERIAL
(NO) E coli RNA processing enzyme participates in processing of tRNA & rRNA; composed of an RNA subunit (M1RNA) which has catalytic activity and an inactive protein

ribonuclease Pch2 see ribonuclease T2

ribonuclease A, C-peptide
(SY) C-peptide carboxylate RNase A
(SY) ribonuclease A(1-13)
(HM) *RIBONUCLEASE
(HM) *PEPTIDE FRAGMENTS
(NO) formed by cyanogen bromide cleavage at Met 13

ribonuclease S-peptide
(SY) S-protein (RNASE)
(HM) *RIBONUCLEASES
(HM) *PEPTIDE FRAGMENTS
(NO) residues 21-124 of RNASE; RNase S dissociates into S-protein & S-peptide upon unfolding

ribonuclease S
(RN) EC 3.1.4.-
(HM) *RIBONUCLEASES

ribonuclease SPL
(RN) EC 3.1.27.-
(SY) ribonuclease bovine seminal plasma
(SY) ribonuclease BS-1
(HM) *ENDORIBONUCLEASES
(NO) RNase A-type activity on synthetic polyribonucleotides & Mg containing heat-denatured or Mg depleted undenatured E coli RNA, but gives a limited digest containing only large fragments with Mg containing native E coli RNA

ribonuclease T see exoribonuclease T

ribonuclease T2
(RN) EC 3.1.27.1
(SY) ribonuclease Ms
(SY) RNase T2
(SY) plant ribonuclease I
(SY) plant RNAse
(SY) RNase Ms
(SY) RNase Pch2
(SY) ribonuclease Pch2
(SY) ribonucleate-3'-oligonucleotide hydrolase
(HM) *ENDORIBONUCLEASES
(NO) also called ribonuclease II, but do not confuse with the exoribonuclease EC 3.1.13.1

ribonuclease U
(RN) EC 3.1.27.-
(SY) RNase U
(HM) *ENDORIBONUCLEASES
(NO) liver-spleen type of RNase; hydrolyzes poly C very poorly

ribonuclease U2
(RN) EC 3.1.27.4
(HM) *ENDORIBONUCLEASES

ribonuclease V(1)
(RN) EC 3.1.27.-
(SY) RNase V(1)
(HM) *ENDORIBONUCLEASES
(NO) double-strand-specific RNase from venom of cobra Naja naja oxiana

ribonucleate-3'-oligonucleotide hydrolase see ribonuclease T2

ribonucleoprotein antigen see RNP antigen

ribonucleoprotein kinase see nucleoprotein kinase

11S ribonucleoprotein see signal recognition particle

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ribonucleotide polymerase
(RN) EC 2.7.7.-
(SY) oligonucleotide polymerase
(SY) decaribonucleotide polymerase
(HM) *NUCLEOTIDYLTRANSFERASES
(NO) DNA-dependent

ribophorin
(SY) ribophorin I
(SY) ribophorin II
(HM) *MEMBRANE PROTEINS
(NO) microsomal membrane protein

ribophorin I see ribophorin

ribophorin II see ribophorin

ribose-binding protein
(SY) ribose binding protein
(HM) *CARRIER PROTEINS
(II) RIBOSE

ribose binding protein see ribose-binding protein

ribosephosphate isomerase
(RN) EC 5.3.1.6
(RR) 9023-83-0 (CRN)
(SY) phosphoriboisomerase
(HM) *CARBOHYDRATE ISOMERASES

ribose 1-phosphate
(RN) 14075-00-4
(RR) 18646-11-2 ((alpha-D)-isomer)
(RR) 21317-51-1 ((beta-D)-isomer)
(SY) alpha-D-ribofuranose 1-phosphate
(HM) *RIBOSEMONOPHOSPHATES
(NO) RN given refers to (D)-isomer; RN for cpd without isomeric designation not in Chemline 7/27/83

ribose-5-phosphate see ribose-5-phosphoric acid

D-ribose 5-phosphate see ribose-5-phosphoric acid

D-ribose-5-phosphoric acid see ribose-5-phosphoric acid

ribose-5-phosphoric acid
(RN) 3615-55-2
(RR) 4300-28-1 ((D-ribose)-isomer)
(RR) 53823-73-7 (mono-Na salt(D-ribose)-isomer)
(RR) 15673-79-7 (mono-Ba salt(D-ribose)-isomer)
(RR) 93-87-8 ((D-ribofuranose)-isomer)
(SY) D-ribose 5-phosphate
(SY) D-ribose-5-phosphoric acid
(SY) ribose-5-phosphate
(HM) *RIBOSEMONOPHOSPHATES
(NO) RN given refers to cpd without isomeric designation

ribosomal 80S acid protein see ribosomal protein S80

ribosomal phosphoprotein P1 see phosphoprotein P1

ribosomal protein BL16
(SY) bacillus subtilus protein BL16
(SY) BSP-BL16
(SY) kNase beta component
(HM) *RIBOSOMAL PROTEINS
(II) CARRIER PROTEINS
(NO) MW 15,000

ribosomal protein BM-L11 see ribosomal protein L11

ribosomal protein S6 kinase
(RN) EC 2.7.1.-
(SY) S6 kinase
(HM) *PROTEIN KINASES

ribosomal protein L1
(SY) protein L1
(HM) *RIBOSOMAL PROTEINS
(HM) *BACTERIAL PROTEINS
(NO) second largest protein on the 50-S subunit of the E coli ribosome

ribosomal protein L10
(SY) L10 ribosomal protein
(HM) *RIBOSOMAL PROTEINS

ribosomal protein L11
(SY) protein L11
(SY) ribosomal protein BM-L11
(HM) *RIBOSOMAL PROTEINS

ribosomal protein L12 see ribosomal protein L7-L12

ribosomal protein L14
(HM) *RIBOSOMAL PROTEINS

ribosomal protein L15
(HM) *RIBOSOMAL PROTEINS

ribosomal protein L16 see L16 ribosomal protein

ribosomal protein L17
(SY) L17 ribosomal protein
(SY) ribosomal protein L17a
(HM) *RIBOSOMAL PROTEINS

ribosomal protein L17a see ribosomal protein L17

ribosomal protein L18
(SY) L18 ribosomal protein
(HM) *RIBOSOMAL PROTEINS

ribosomal protein L2
(SY) ribosomal protein L44
(SY) L2 ribosomal protein
(SY) L44 ribosomal protein
(HM) *RIBOSOMAL PROTEINS
(NO) acidic protein of the 60 S ribosome subunit

ribosomal protein L20
(SY) L20 ribosomal protein
(HM) *RIBOSOMAL PROTEINS

ribosomal protein L23
(SY) L-23 ribosomal protein
(HM) *RIBOSOMAL PROTEINS

ribosomal protein L24
(SY) L24 ribosomal protein
(HM) *RIBOSOMAL PROTEINS

ribosomal protein L25
(SY) L25 ribosomal protein
(HM) *RIBOSOMAL PROTEINS

ribosomal protein L29
(HM) *RIBOSOMAL PROTEINS

ribosomal protein L3
(SY) ribosomal protein L45
(SY) L3 ribosomal protein
(SY) L45 ribosomal protein
(SY) yeast ribosomal protein L3
(HM) *RIBOSOMAL PROTEINS
(NO) acidic protein of the 60 S ribosome subunit

ribosomal protein L30
(HM) *RIBOSOMAL PROTEINS

ribosomal protein L32
(HM) *RIBOSOMAL PROTEINS

ribosomal protein L33
(SY) L33 ribosomal protein
(HM) *RIBOSOMAL PROTEINS

ribosomal protein L34
(SY) basic antizyme 2, ornithine decarboxylase
(HM) *RIBOSOMAL PROTEINS
(PA) ORNITHINE DECARBOXYLASE/antag
(NO) see also related records for ribosomal protein S20-L26 & ornithine decarboxylase antizyme

ribosomal protein L37
(HM) *RIBOSOMAL PROTEINS

ribosomal protein L39
(HM) *RIBOSOMAL PROTEINS

ribosomal protein L44 see ribosomal protein L2

ribosomal protein L45 see ribosomal protein L3

ribosomal protein L46
(SY) L46 ribosomal protein
(HM) *RIBOSOMAL PROTEINS

ribosomal protein L5
(HM) *RIBOSOMAL PROTEINS

ribosomal protein L6
(HM) *RIBOSOMAL PROTEINS

ribosomal protein L7-L12
(RN) 70815-33-7
(SY) ribosomal protein L12
(SY) protein L7-L12
(HM) *RIBOSOMAL PROTEINS
(II) BACTERIAL PROTEINS

ribosomal proteins L27
(HM) *RIBOSOMAL PROTEINS

ribosomal protein S1
(SY) interference factor ia
(SY) m1-S1 ribosomal protein
(HM) *RIBOSOMAL PROTEINS
(NO) involved in binding of mRNA to ribosomes; m1-s1 refers to mutant form

ribosomal protein S10
(HM) *RIBOSOMAL PROTEINS

ribosomal protein S11
(SY) ribosomal protein S 11
(HM) *RIBOSOMAL PROTEINS

ribosomal protein S 11 see ribosomal protein S11

ribosomal protein S12
(SY) protein S12, ribosomal
(HM) *RIBOSOMAL PROTEINS

ribosomal protein S14
(HM) *RIBOSOMAL PROTEINS

ribosomal protein S15
(HM) *RIBOSOMAL PROTEINS

ribosomal protein S17
(HM) *RIBOSOMAL PROTEINS

ribosomal protein S18
(SY) S18-ribosomal protein
(HM) *RIBOSOMAL PROTEINS

ribosomal protein S19
(SY) S19 ribosomal protein
(HM) *RIBOSOMAL PROTEINS

ribosomal protein S2
(SY) S2 ribosomal protein
(HM) *RIBOSOMAL PROTEINS

ribosomal protein S20
(SY) S20 ribosomal protein
(HM) *RIBOSOMAL PROTEINS

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ribosomal protein S20–L26
(SY) basic antizyme 1, ornithine decarboxylase
(HM) *RIBOSOMAL PROTEINS
(PA) ORNITHINE DECARBOXYLASE/antag
(NO) basic ribosomal protein from E coli with ornithine decarboxylase antizyme activity; see also related records for ornithine decarboxylase antizyme & ribosomal protein L34

ribosomal protein S21
(SY) S21 ribosomal protein
(HM) *RIBOSOMAL PROTEINS

ribosomal protein S24
(SY) S24 ribosomal protein
(HM) *RIBOSOMAL PROTEINS

ribosomal protein S3
(HM) *RIBOSOMAL PROTEINS

ribosomal protein S30
(SY) ribosomal protein 30S
(HM) *RIBOSOMAL PROTEINS

ribosomal protein S33
(SY) ribosomal protein S 33
(HM) *RIBOSOMAL PROTEINS

ribosomal protein S 33 see ribosomal protein S33

ribosomal protein S4
(SY) S4 ribosomal protein
(HM) *RIBOSOMAL PROTEINS

ribosomal protein S40
(SY) ribosomal protein S 40
(HM) *RIBOSOMAL PROTEINS

ribosomal protein S 40 see ribosomal protein S40

ribosomal protein S5
(SY) S5 ribosomal protein
(HM) *RIBOSOMAL PROTEINS

ribosomal protein S6
(SY) HeLa ribosomal protein S6
(HM) *RIBOSOMAL PROTEINS

ribosomal protein S7
(HM) *RIBOSOMAL PROTEINS

ribosomal protein S8
(SY) E. coli ribosomal protein S8
(HM) *RIBOSOMAL PROTEINS

ribosomal protein S80
(SY) ribosomal 80S acid protein
(HM) *RIBOSOMAL PROTEINS
(NO) from pea ribosomes

ribosomal protein S9
(HM) *RIBOSOMAL PROTEINS

L-23 ribosomal protein see ribosomal protein L23

ribosomal protein 29
(SY) RP29
(HM) *RIBOSOMAL PROTEINS

ribosomal protein 30S see ribosomal protein S30

ribosomal protein 49
(HM) *RIBOSOMAL PROTEINS

ribosomal protein 51
(HM) *RIBOSOMAL PROTEINS

ribosomal release factor 1 see peptide chain termination release factor 1

ribosomal release factor 2 see peptide chain termination release factor 2

ribosomal RNA methylase see rRNA methylase

ribosomal RNA precursors
(SY) pre-rRNA
(SY) pre-ribosomal RNA
(SY) 45-S ribosomal RNA precursors
(HM) *RNA, RIBOSOMAL
(HM) *NUCLEIC ACID PRECURSORS

45-S ribosomal RNA precursors see ribosomal RNA precursors

ribosome dissociation factor see peptide initiation factor 3

ribosyladenosine 5',5"-bis(phosphate) see 2'-(5"-phosphoribosyl)-5'-adenosine monophosphate

7-ribosyl-3-deazaguanine see 3-deazaguanosine

ribosyl-diphthamide
(RN) 75652-53-8
(HM) *RIBONUCLEOSIDES
(NO) structure given in first source

ribosylthymine see ribothymidine

3-N-ribosyluric acid 5'-monophosphate
(RN) 87004-59-9
(SY) 3-RUAMP
(HM) *RIBONUCLEOTIDES
(HM) URIC ACID/*analogs
(NO) synthesized from uric acid & phosphoribosyl-1-pyrophosphate by hemolysates of fetal red cells

3-ribosyluric acid see uric acid riboside

ribosylzeatin see zeatin riboside

ribothymidine
(RN) 1463-10-1
(SY) ribosylthymine
(HM) URIDINE/*analogs

riboxamide see tiazofurin

P-Rib-PPalphaS see 5-phosphoribosyl 1-O-(1-thiodiphosphate)

P-Rib-PPbetaS see 5-phosphoribosyl 1-O-(2-thiodiphosphate)

D-ribulokinase
(RN) EC 2.7.1.47
(HM) *PHOSPHOTRANSFERASES, ATP
(NO) consider also EC 2.7.1.16

ribulose
(RN) 5556-48-9
(RR) 2042-27-5 ((erythro-L)-isomer)
(RR) 527-50-4 ((threo-L)-isomer)
(RR) 488-84-6 ((erythro-D)-isomer)
(RR) 551-84-8 ((threo-D)-isomer)
(RR) 5962-29-8 ((threo)isomer)
(SY) DL-erythro-pentulose
(HM) *PENTOSES
(NO) 5-carbon keto sugar; minor descriptor (75-85); on-line & Index Medicus search PENTOSES (75-85); RN given refers to (erythro)-isomer; RN for cpd without isomeric designation not Chemline 6/85

ribulose-1,5-bisphosphate see ribulose-1,5 diphosphate

ribulosediphosphate oxygenase
(RN) EC 1.13.-
(HM) *OXYGENASES

ribulose-1,5 diphosphate
(RN) 2002-28-0
(RR) 24218-00-6 ((D)-isomer)
(SY) ribulose-1,5-bisphosphate
(HM) *RIBULOSEPHOSPHATES
(NO) RN given refers to cpd without isomeric designation

ribulosephosphate 3-epimerase
(RN) EC 5.1.3.1
(RR) 9024-20-8 (CRN)
(SY) D-erythrose 4-phosphate isomerase
(HM) *CARBOHYDRATE ISOMERASES
(NO) consider also EC 5.1.3.4, ribulosephosphate 4-epimerase

L-ribulosephosphate 4-epimerase
(RN) EC 5.1.3.4
(HM) *CARBOHYDRATE ISOMERASES
(NO) consider also EC 5.1.3.1, ribulosephosphate 3-epimerase

ribulose-5-phosphate kinase see phosphoribulokinase

ribulose 5-phosphate
(RN) 4151-19-3
(RR) 551-85-9 ((D)-isomer)
(RR) 2922-69-2 ((L)-isomer)
(HM) *RIBULOSEPHOSPHATES
(NO) RN given refers to cpd without isomeric designation

rice embryo lectin see rice lectin

rice lectin
(SY) rice embryo lectin
(HM) *LECTINS
(II) RICE

ricid
(RN) 7205-16-5
(SY) O,O-dimethyl S-(phenylmethyl) ester phosphorothioic acid
(HM) *ORGANOTHIOPHOSPHORUS COMPOUNDS
(PA) INSECTICIDES, ORGANOTHIOPHOSPHATE

ricid II see kitazin P

ricin B-modeccin A see modeccin A-chain-ricin B-chain hybrid toxin

ricinoleic acid
(RN) 141-22-0
(RR) 540-12-5 ((R-(E))-isomer)
(SY) 12-hydroxy-9-octadecenoic acid
(HM) *RICINOLEIC ACIDS
(NO) RN given refers to (R-(Z))-isomer; RN for cpd without isomeric designation not in Chemline 7/27/83; structure in Merck Index, 9th ed, #8005

ricinus agglutinin
(SY) ricinus lectins
(SY) Ricinus communis agglutinin
(SY) RCA 60
(HM) *LECTINS
(II) CASTOR BEAN
(NO) lectin from castor bean; less toxic than RICIN

Ricinus communis agglutinin see ricinus agglutinin

Ricinus communis lectin receptor
(SY) Ricinus communis lectin receptors
(SY) Ricinus communis toxin receptor
(SY) receptor, Ricinus communis lectin
(SY) receptor, Ricinus communis toxin
(HM) *RECEPTORS, MITOGEN
(II) PLANT PROTEINS

Ricinus communis lectin receptors see Ricinus communis lectin receptor

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Ricinus communis toxin receptor see Ricinus communis lectin receptor

ricinus lectins see ricinus agglutinin

ridinol see pridinol

ridomil
(RN) 57837-19-1
(RR) 69516-34-3 ((L-Ala)-isomer)
(SY) Acylon
(SY) methyl-DL-N-(2,6-dimethylphenyl)-N-(methoxyacetyl)-alaninate
(SY) metalaxyl
(HM) ALANINE/*analogs
(PA) FUNGICIDES, INDUSTRIAL
(NO) RN given refers to (DL-Ala)-isomer: RN for cpd without isomeric designation not in Chemline 7/27/83

Rieske iron-sulfur protein
(SY) iron-sulfur protein Rieske
(HM) *IRON SULFUR PROTEINS

rifacin see rifamycin SV

rifamdin
(SY) isobutyl-piperazinal-rifamycin
(HM) RIFAMYCINS
(PA) ANTIBIOTICS, ANTITUBERCULAR
(NO) sister semisynthetic deriv of rifampin with similar or slightly better antitubercular activity

rifampicin N-oxide
(RN) 51963-55-4
(RR) 65107-27-9 (duplicate RN)
(HM) RIFAMPIN/*analogs
(NO) structure given in first source

rifampin sodium ethylhexanoate adduct see sinerdol EH

rifamycin AF-013 see AF 013

rifamycin B
(RN) 13929-35-6
(HM) *RIFAMYCINS

rifamycin O
(RN) 14487-05-9
(HM) *RIFAMYCINS

rifamycin B oxidase
(RN) EC 1.10.3.-
(HM) *OXIDOREDUCTASES
(NO) converts rifamycin B to rifamycin O which spontaneously hydrolyzes to rifamycin S in neutral aqueous media

rifamycin S
(RN) 13553-79-2
(SY) NSC 144130
(HM) *RIFAMYCINS
(NO) structure

rifamycin SV
(RN) 6998-60-3
(RR) 14897-39-3 (unspecified Na salt)
(RR) 15105-92-7 (mono-Na salt)
(SY) 5,6,9,17,19,21-hexahydroxy-23-methoxy-2,4,12,16,18,20,22-heptamethyl-2,7-(epoxypentadeca(1,11,13)trienimino)naptho(2,1-b)furan-1,11(2-H)- dione, 21-acetate
(SY) R-75-1
(SY) rifacin
(HM) *RIFAMYCINS
(NO) RN given refers to parent cpd; structure in Merck Index, 9th ed, #8009

rifandin see R 761

rifapentine
(RN) 61379-65-5
(SY) 3-(((4-cyclopentyl-1-piperazinyl)imino)methyl) rifamycin
(SY) DL 473-IT
(SY) 3-(((4-cyclopentyl-1-piperazinyl)imino)methyl) rifamycin SV
(SY) DL-4-73
(SY) DL 473
(HM) RIFAMPIN/*analogs
(NO) cyclopentyl deriv of rifampicin

rifaximin
(RN) 88747-56-2
(HM) *RIFAMYCINS

rifazone-8(2) see rifazone-82

rifazone-82
(RN) 52474-42-7
(SY) R-8(2)
(SY) rifazone-8(2)
(HM) *RIFAMYCINS
(PA) ANTIVIRAL AGENTS
(NO) structure

Rigevidon see stediril

rigin
(RN) 77727-17-4
(SY) Gly-Gln-Pro-Arg
(SY) glycyl-L-glutaminyl-L-prolyl-L-arginine
(HM) *OLIGOPEPTIDES
(II) PHAGOCYTOSIS/drug eff
(NO) tuftsin-like tetrapeptide with equal phagocytosis stimulating activity

Rilaten see rociverine

rimexolone see ORG 6216

rimocidin
(RN) 1393-12-0
(HM) POLYENES
(PA) ANTIBIOTICS
(PA) ANTIBIOTICS, ANTIFUNGAL
(NO) structure

rimorphin
(RN) 83335-41-5
(SY) dynorphin B
(HM) DYNORPHIN/*analogs
(HM) *ENDORPHINS
(NO) tridecapeptide NH2-Tyr-Gly-Gly-Phe-Leu-Arg-Arg-Gln-Phe-Lys-Val-Val-Thr-COOH from bovine posterior pituitary gland; major leucine enkephalin containing peptide in tissue that contains dynorphin & alpha-neo-endorphin

Rimparix vaccine
(HM) *MEASLES VACCINE
(HM) *MUMPS VACCINE
(HM) DRUG COMBINATIONS
(NO) freeze-dried live, bivalent measles-mumps vaccine; measles component is Schwarz strain & mumps component is Urabe Am 9 strain

Ringer's acetate
(HM) *ISOTONIC SOLUTIONS

Ringer's injection, lactated see Ringer's lactate

Ringer's lactate
(RN) 8022-63-7
(SY) Ringer's injection, lactated
(SY) Hartmann's solution
(HM) *ISOTONIC SOLUTIONS
(NO) Ringer's solution mixed with sodium lactate

Ringer's solution, potassium-free
(SY) potassium-free Ringer's solution
(SY) K+-free Ringer's
(HM) *ISOTONIC SOLUTIONS

Ringer's solution
(RN) 8026-10-6
(HM) *ISOTONIC SOLUTIONS
(NO) isotonic solution containing sodium chloride, potassium chloride & calcium chloride in water

ring-opened-7-methylguanine DNA glycosylase
(RN) EC 3.2.2.-
(SY) RO-7-MG DNA glycosylase
(HM) *NUCLEOSIDASES
(II) DNA REPAIR

Rintal see febantel

riopan see magaldrate

rioprostil
(RN) 77287-05-9
(SY) 1,11,16-trihydroxy-16-methylprost-13-en-9-one (11alpha,13E)
(HM) *PROSTAGLANDINS E
(PA) ANTI-ULCER AGENTS
(II) PROSTAGLANDINS, SYNTHETIC
(NO) RN given refers to 11alpha,13E-isomer; RN for cpd without isomeric designation not in Chemline 9/85; structure given in first source

ripazepam
(RN) 26308-28-1
(SY) CI-683
(SY) pyrazapon
(SY) CI 683
(HM) *AZEPINES
(PA) TRANQUILIZING AGENTS
(NO) structure

RIP, bacterial see replication initiator protein, bacterial

rishirilide A
(RN) 93361-65-0
(HM) *ANTHRACENES
(PA) ALPHA MACROGLOBULINS/antag
(NO) from Streptomyces rishiriensis; structure given in first source

rishirilide B
(RN) 93361-67-2
(HM) *ANTHRACENES
(PA) ALPHA MACROGLOBULINS/antag
(NO) from Streptomyces rishiriensis; structure given in first source; RN given refers to (1alpha,2beta,3alpha)-(+)-isomer; RN for cpd without isomeric designation not in Chemline 1/85

ristocetin A
(RN) 11021-66-2
(RR) 1405-58-9 (former CAS registry number)
(RR) 1405-59-0 (ristocetin B)
(SY) ristomycin A
(HM) *RISTOCETIN
(NO) ristocetin A & B forms differentiated by paper chromatography; RN given refers to parent cpd; see also ristocetin: 1404-55-3

ristocetin-psi-aglycone
(RN) 73412-13-2
(HM) RISTOCETIN/*analogs
(NO) substantially greater antimicrobial activity against Gram-positive bacteria than the parent cpd; consists of the heptapeptide of ristocetin & the amino sugar ristosamin

ristomycin A see ristocetin A

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ristosamine
(RN) 51869-30-8
(RR) 51869-32-0 (HCl(L-ribo)-isomer)
(HM) *HEXOSAMINES
(NO) aminosugar component of antibiotic ristomycin; RN given refers to (D-ribo)-isomer; see also acosamine, (L-arabino)-isomer: 41094-24-0 & daunosamine, (L-lyxo)-isomer: 26548-47-0; structure

ritalinic acid
(RN) 19395-41-6
(RR) 54631-24-2 ((R*,R*)-(+-)-isomer)
(SY) alpha-phenyl-2-piperidineacetic acid
(HM) METHYLPHENIDATE/*analogs
(NO) RN given refers to cpd without isomeric designation; structure

ritanserin
(RN) 87051-43-2
(SY) R 55667
(SY) R-55667
(HM) *PIPERIDINES
(PA) GASTROINTESTINAL AGENTS
(PA) SEROTONIN ANTAGONISTS
(PA) HISTAMINE H2 RECEPTOR BLOCKADERS
(PA) ANTIHYPERTENSIVE AGENTS
(NO) alleviates excessive gas accumulation in the ruminant stomach

ritebronii see ritetronium

ritebronium see ritetronium

ritetronium
(RN) 37607-02-6
(RR) 34987-02-5 (dibenzenesulfonate)
(SY) IEM 652
(SY) ritetroniy
(SY) EM 652
(SY) bis(p-piperidinophenol)diimidonaphthalene-1,4,5,8-tetracarboxylic acid dibenzosulfoethylate
(SY) bis(4-piperidinophenol)diimidonaphthalene-1,4,5,8-tetracarboxylic acid dibenzosulfoethylate
(SY) ritebronii
(SY) ritebronium
(HM) *PIPERIDINES
(PA) CURARE-LIKE AGENTS
(NO) RN given refers to parent cpd; structure

ritetroniy see ritetronium

Ritmilen
(HM) *ANTI-ARRHYTHMIA AGENTS
(NO) no other information available 2/84

ritosulfan see dimesylerythritol

ritrosulfan see dimesylerythritol

RIT 4237 vaccine
(HM) *VIRAL VACCINES
(HM) *VACCINES, ATTENUATED
(II) ROTAVIRUSES
(NO) live attenuated bovine rotavirus vaccine

rivanol
(RN) 1837-57-6
(RR) 6402-23-9 (monohydrate)
(SY) ethacridine lactate monohydrate
(SY) 6,9-diamino-2-ethoxyacridine monolactate
(SY) ethodin
(HM) *ETHACRIDINE/analogs
(PA) ABORTIFACIENT AGENTS, NON-STEROIDAL
(PA) ANTI-INFECTIVE AGENTS, LOCAL
(NO) RN given refers to parent cpd

RIV 2093
(RN) 81982-32-3
(SY) RIV-2093
(SY) 4-amino-2-methoxy-5-((methylamino)sulfonyl)-N-((1-(2-propenyl)-2-pyrrolidinyl)methyl)benzamide
(HM) SULPIRIDE/*analogs
(PA) PSYCHOTROPIC DRUGS
(NO) structure given in first source

RIV-2093 see RIV 2093

RK-803 see phosphazomycin A

RK 803 see phosphazomycin A

RMI 9563DA see RMI 9563

RMI 10,393
(RN) 21826-47-1
(HM) *PIPERIDINES
(NO) inhibits platelet aggregation

RMI 12330A see RMI 12330 A

RMI 12330 A
(RN) 82985-31-7
(RR) 40297-09-4 (HCl(cis)-isomer)
(SY) N-(cis-2-phenylcyclopentyl)azacyclotridecan-2-imine.HCl
(SY) RMI 12330A
(SY) MDL 12330A
(SY) MDL-12,330A
(HM) *IMINES
(NO) adenyl cyclase inhibitor in rat liver; RN given refers to (cis)-isomer; NM refers to HCl, (cis)-isomer; RN for cpd without isomeric designation not in Chemline 7/27/83; structure

RMI-12936 see RMI 12936

RMI 12936
(RN) 50880-57-4
(SY) RMI 12,936
(SY) 17 beta-hydroxy-7 alpha-methylandrost-5-en-3-one
(SY) RMI-12936
(HM) *ANDROSTENOLS
(PA) ABORTIFACIENT AGENTS, STEROIDAL
(II) CONTRACEPTIVES, ORAL, SYNTHETIC
(II) ANDROGENS, SYNTHETIC
(II) CONTRACEPTIVES, POSTCOITAL, SYNTHETIC
(NO) synthetic antiprogestational steroid; structure

RMI 12,936 see RMI 12936

RMI-14514 see RMI 14514

RMI 14514
(RN) 54857-86-2
(SY) TOFA
(SY) 5-(tetradecyloxy)-2-furoic acid
(SY) 5-(tetradecyloxy)-2-furancarboxylic acid
(SY) RMI-14514
(HM) *FURANS
(PA) ANTILIPEMIC AGENTS
(NO) structure

RMI 15,731
(RN) 54857-96-4
(SY) RMI 15731
(HM) *FURANS
(PA) ANTIVIRAL AGENTS
(NO) structure

RMI 15731 see RMI 15,731

RMI 19592 see MDL 19592

RMI-19592 see MDL 19592

RMI-71626 see alpha mercapto beta-(2-furan)acrylic acid

RMI 71,626 see alpha mercapto beta-(2-furan)acrylic acid

RMI-71645 see RMI 71645

RMI 71645
(RN) 57659-38-8
(SY) gamma-acetylenic GABA
(SY) gamma-acetylenic-GABA
(SY) 4-amino-5-hexynoic acid
(SY) 4-aminohexynoate
(SY) RMI-71645
(HM) *AMINOCAPROIC ACIDS
(PA) AMINOBUTYRATE AMINOTRANSFERASE/antag
(NO) structure

RMI 71754 see 4-aminohex-5-enoic acid

RMI 71782 see alpha-difluoromethylornithine

RMI 71,782 A see alpha-difluoromethylornithine

R.M.I. 71864 see alpha-monofluoromethylputrescine

RMI 71963 see alpha-monofluoromethyldopa

RMI 81968 see medroxalol

RMI-9563 see RMI 9563

RMI 9563
(RN) 63908-14-5
(RR) 27086-86-8 (di-HCl)
(SY) bis(3-(diethylamino)propyl) fluoranthene-3,9-dicarboxylate.di-HCl
(SY) RMI 9563DA
(SY) RMI-9563
(HM) *FLUORENES
(PA) ANTI-INFLAMMATORY AGENTS
(NO) RN given refers to parent cpd; NM refers to di-HCl

RMI 9918 see terfenadine

1-RMMPPP see 1 beta-ribofuranosyl-4-(methylmercapto)pyrazolo(3,4-d) pyrimidine 5'-monophosphate

1-RMMPP see 1 beta-ribofuranosyl-4-(methylmercapto)pyrazolo(3,4-d) pyrimidine

D-RNA see DNA-like RNA

RNAase H see endoribonuclease H

RNA-binding proteins
(SY) RNA binding proteins
(HM) *CARRIER PROTEINS
(II) RNA
(NO) see also record for mRNA-binding protein

RNA binding proteins see RNA-binding proteins

5-S RNA-binding protein
(HM) *CARRIER PROTEINS
(II) RNA, RIBOSOMAL

RNA cap binding proteins see RNA cap-binding proteins

RNA cap-binding proteins
(SY) cap binding proteins
(SY) mRNA cap binding proteins
(SY) cap binding protein
(SY) RNA cap binding proteins
(HM) *CARRIER PROTEINS
(II) RNA CAPS
(II) CROSS LINKING REAGENTS

RNA, circular
(HM) *RNA

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RNA-dependent ATPase
(RN) EC 3.6.1.-
(SY) ATPase, RNA-dependent
(HM) *ADENOSINE TRIPHOSPHATASE
(NO) requires single-stranded polynucleotide as cofactor

RNA dependent RNA polymerase see RNA-directed RNA polymerase

RNA-directed RNA polymerase
(RN) EC 2.7.7.48
(SY) RNA dependent RNA polymerase
(HM) *RNA NUCLEOTIDYLTRANSFERASES

RNA endonuclease see endoribonuclease

5S RNA gene transcription factor see 5S gene-specific transcription factor

RNA N2-guanine methyltransferase see tRNA (guanine-2-)-methyltransferase

RNA (guanine-7) methyltransferase see mRNA(guanine-7-)methyltransferase

m-RNA Guanylyltransferase
(RN) EC 2.7.7.50
(SY) RNA guanylyltransferase
(SY) mRNA guanylyltransferase
(SY) GTP mRNA guanylyltransferase
(HM) *NUCLEOTIDYLTRANSFERASES
(NO) catalyzes transfer of GMP residue from GTP to 5' end of RNA to form cap structure identified as G(5')pppN

RNA guanylyltransferase see m-RNA Guanylyltransferase

m-RNA guanylyltransferase.RNA (guanine-7) methyltransferase see capping enzyme, vaccinia virus

RNA helix-destabilizing protein see helix-destabilizing proteins

RNA I
(SY) RNA1
(HM) *RNA, BACTERIAL
(NO) RNA molecule of 108 nucleotides; required for ROP inhibition of primer formation; synthesized by E coli RNA polymerase; biologically significant for plasmid replication

RNA II see RNA primers

RNA, immune
(SY) immune RNA
(SY) I-RNA
(HM) RNA/*immunol
(NO) RNA extracted from spleens & regional lymph nodes of specifically immunized animals

RNA maturation endonuclease see endoribonuclease

RNA,messenger(7)GMP see m(7)GMP

RNA, mitochondrial
(SY) mitochondrial RNA
(HM) *RNA
(II) MITOCHONDRIA

RNA, mitochondrial maturase see mRNA maturase

RNA polymerase II-binding proteins
(SY) RAP 72
(SY) RAP 38
(SY) RAP 30
(SY) RAP-72
(SY) RAP-38
(SY) RAP-30
(HM) *PHOSPHOPROTEINS
(HM) *CARRIER PROTEINS
(II) RNA POLYMERASE II

RNA polymerase II stimulator see RNA polymerase stimulatory factors

RNA polymerase I stimulator see RNA polymerase stimulatory factors

RNA polymerase B stimulatory factor (nonhistone) see RNA polymerase stimulatory factors

RNA polymerase stimulatory factors
(SY) RNA polymerase II stimulator
(SY) S-II
(SY) protein S-II
(SY) protein S-I
(SY) RNA polymerase I stimulator
(SY) protein S-I(b)
(SY) RNA polymerase B stimulatory factor (nonhistone)
(SY) stimulating protein, RNA polymerase
(SY) eukaryotic Class-B transcription factor
(SY) transcription factor S-II
(HM) *NEOPLASM PROTEINS
(II) TRANSCRIPTION FACTORS
(NO) protein from Ehrlich ascites tumor cells that specifically stimulates the activity of RNA polymerase II on homologous DNA; stimulatory factor in nuclear RNA synthesis; S-II' has same primary structure but it is more extensively phosphorylated

RNA primase see gene proteins, bacterial

RNA primers
(SY) RNA II
(SY) primer transcript
(HM) *RNA
(II) RNA, BACTERIAL
(NO) involved in initiation of DNA replication in bacterial & eukaryotic systems

RNA processing enzyme see ribonuclease III

RNA, recombinant
(SY) recombinant RNA
(HM) *RNA
(II) RNA SPLICING

RNase B see ribonuclease B

RNase beta component see ribosomal protein BL16

RNase BN see ribonuclease BN

RNase C see ribonuclease C

RNase CI
(RN) EC 3.1.27.-
(HM) *ENDORIBONUCLEASES
(NO) from chick oviduct; recognizes U or G bases in RNA, cuts off 5'-phosphoryl group from the recognized nucleotide & transfers the phosphoryl group to 2'-OH of neighboring nucleotide at 5'-side

RNase D see ribonuclease III

RNase E see ribonuclease E

RNase F see ribonuclease F

RNase H see endoribonuclease H

RNase II see ribonuclease II

RNase III see ribonuclease III

RNase L see pppA(2'p5'A)n-dependent ribonuclease

RNase M see ribonuclease M

RNase M(L) see ribonuclease M

RNase M(M) see ribonuclease M

RNase Ms see ribonuclease T2

RNase M5 see ribonuclease M5

RNase P see ribonuclease P

RNase Pch2 see ribonuclease T2

RNase T see exoribonuclease T

RNase T2 see ribonuclease T2

RNase U see ribonuclease U

RNase V(1) see ribonuclease V(1)

RNA, single-stranded
(SY) single-stranded RNA
(HM) *RNA

RNA 3'-terminal phosphate cyclase
(RN) EC 6.5.-
(SY) RNA TPH cyclase
(HM) *LIGASES
(NO) ATP dependent; forms 2',3' terminal cyclic phosphate on RNA which is then the substrate for RNA ligase of HeLa cells

RNA TPH cyclase see RNA 3'-terminal phosphate cyclase

RNA triphosphatase
(RN) EC 3.6.1.-
(HM) *PHOSPHATASES
(NO) removes gamma-phosphate from triphosphate-ended polyribonucleotides

RNA1 see RNA I

RNGF (mouse) see nerve growth factors receptor

RNP antigen
(SY) ribonucleoprotein antigen
(SY) antigen, RNP
(HM) *AUTOANTIGENS
(NO) may be located in cell nucleus; antibodies to above antigen show a high correlation with systemic lupus erythematosus

Roaccutan see Ro 4-3780

Ro antigen see SS-A antigen

ROAP
(HM) DAUNORUBICIN/analogs
(HM) CYTARABINE
(HM) VINCRISTINE
(HM) PREDNISONE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of rubidazone, vincristine, cytarabine & prednisone; used for leukemia

robaveron
(SY) raveron
(SY) KN-7
(SY) KN 7 (robaveron tablet)
(HM) *TISSUE EXTRACTS
(II) PROSTATE
(II) PROSTATIC HYPERTROPHY/drug therapy
(NO) extract from pig prostate used in treatment of prostatic hypertrophy

robaxisal see robaxisal forte

robaxisal forte
(RN) 8058-35-3
(SY) robaxisal
(HM) *METHOCARBAMOL
(HM) *ASPIRIN
(HM) DRUG COMBINATIONS
(PA) ANALGESICS
(NO) combination of above cpds used as muscle relaxant

robinetin
(RN) 490-31-3
(SY) 3,7-dihydroxy-2-(3,4,5-trihydroxyphenyl)-4H-1-benzopyran-4-one
(HM) *FLAVONES
(NO) structure given in first source

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robinin
(RN) 301-19-9
(HM) *BIOFLAVONOIDS

robustoxin
(RN) 91728-12-0
(HM) *SPIDER VENOMS
(II) NEUROTOXINS
(NO) from venom of male Sidney spider, Atrax robustus; amino acid sequence given in first source

rociverine
(RN) 53716-44-2
(SY) 2-(diethylamino)-1-methylethyl cis-1- hydroxy (bicyclohexyl)-2-carboxylate
(SY) Rilaten
(HM) *BICYCLO COMPOUNDS
(PA) ANTISPASMODICS

rodilemid
(HM) *EDTA
(HM) *CALCIUM GLUCONATE
(HM) *CYSTEINE
(HM) DRUG COMBINATIONS
(PA) ANTIVIRAL AGENTS
(II) CHELATING AGENTS
(NO) combination of above cpds

Rodogyl
(RN) 87705-26-8
(HM) *METRONIDAZOLE
(HM) *LEUCOMYCINS
(HM) DRUG COMBINATIONS
(PA) ANTI-INFECTIVE AGENTS
(NO) combination of metronidazole & spiramycin for treatment of periodontal infections

rod outer segment G-protein
(SY) G-protein, ROS
(HM) *EYE PROTEINS
(II) MEMBRANE PROTEINS
(NO) do not confuse with GTP-binding protein (MH)

Rofenaid
(RN) 8076-37-7
(HM) *PYRIMIDINES
(HM) *SULFADIMETHOXINE
(HM) DRUG COMBINATIONS
(PA) ANTI-INFECTIVE AGENTS
(NO) combination drug containing ormetoprim & sulfadimethoxine

roflamycoin see flavomycoin

Rohdei-litorin
(SY) pGlu-Leu-Trp-Ala-Thr-Gly-His-Phe-Met-NH2
(SY) pyroglutamyl-leucyl-tryptophyl-alanyl-threonyl-glycyl-histidyl-phenylalanyl-methioninamide
(HM) *OLIGOPEPTIDES
(NO) nonapeptide from the skin of Phyllomedusa rohdei

rolipram
(RN) 61413-54-5
(SY) ZK 62711
(HM) *PYRROLIDINONES
(PA) ANTIPARKINSON AGENTS
(PA) PHOSPHODIESTERASE INHIBITORS

rollinone
(RN) 92594-03-1
(HM) *FURANS
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(II) PLANTS, MEDICINAL
(NO) isolated from Rollinia papilionella; structure given in first source

Rollkur see targesin

ROL 1943
(RN) 73747-20-3
(SY) ROL-1943
(HM) SULPIRIDE/*analogs
(PA) PSYCHOTROPIC DRUGS
(NO) structure given in first source

ROL-1943 see ROL 1943

Romanowsky-Giemsa stain
(HM) *AZURE STAINS
(HM) *EOSIN
(NO) purple color given by combination of cationic azure B and eosin Y

RO-7-MG DNA glycosylase see ring-opened-7-methylguanine DNA glycosylase

ROM protein
(HM) *BACTERIAL PROTEINS
(NO) 63 amino acid protein from E coli; specified by ColE1; modulates binding of RNA I to RNA II thus enhancing the inhibitory effect of RNA I on in vitro primer formation

ROM-196 see ROM 196

ROM 196
(RN) 50886-73-2
(RR) 42794-64-9 (di-HCl)
(SY) N,N'-bis(3-(p-methoxyphenoxy)-2-hydroxypropyl)-N,N-dimethylethylenediamine
(SY) N,N'-bis(3-(4-methoxyphenoxy)-2-hydroxypropyl)-N,N-dimethylethylenediamine
(SY) ROM-196
(HM) *PROPANOLAMINES
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS
(NO) RN given refers to parent cpd; structure

Roneet see cycloate

Ro-neet see cycloate

ronilan see vinclozolin

ronipamil
(HM) *PROPYLAMINES
(PA) CALCIUM CHANNEL BLOCKERS
(NO) structure given in first source

ropizine
(RN) 3601-19-2
(SY) SC-13504
(SY) 1-benzhydryl-4-(6-methyl-2-pyridylmethyleneimino)piperazine
(HM) *PIPERAZINES
(PA) ANTICONVULSANTS
(NO) structure

roquefortin see roquefortine

roquefortine
(RN) 58735-64-1
(SY) roquefortine C
(SY) roquefortin
(HM) *ERGOLINES
(II) MYCOTOXINS
(NO) metabolite of Penicillium roqueforti; structure

roquefortine C see roquefortine

roridin A
(RN) 14729-29-4
(RR) 11113-83-0 (roridin MF unknown)
(RR) 2198-93-8 (roridin C)
(RR) 14682-29-2 (roridin D)
(HM) TRICHOTHECENES
(PA) ANTIBIOTICS
(II) MYCOTOXINS
(NO) see also records for roridin E & J

roridin E
(RN) 16891-85-3
(RR) 2198-93-8 (roridin C)
(RR) 14682-29-2 (roridin D)
(RR) 11113-83-0 (roridin MF unknown)
(HM) TRICHOTHECENES
(PA) ANTIBIOTICS
(II) MYCOTOXINS
(NO) RN given refers to (2'E,7'R(R))-isomer; see also roridin J: 74042-83-6

roridin H
(RN) 29953-50-2
(RR) 11113-83-0 (roridin MF unknown)
(RR) 2198-93-8 (roridin C)
(RR) 14682-29-2 (roridin D)
(HM) TRICHOTHECENES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) structure given in first source

rosaniline
(RN) 3248-93-9
(RR) 632-99-5 (mono-HCl)
(RR) 60057-89-8 (dodecyl salt)
(SY) C.I. 42510
(SY) 2-methyl-4,4'-((4-imino-2,5-cyclohexadien-1-ylidene)methylene)dianiline
(SY) CI 42510
(SY) basic fuchsin
(SY) magenta BPC
(HM) *ROSANILINE DYES
(NO) RN from 9th CI, Chem Form Index; RN given refers to parent cpd; NM refers to mono-HCl

rosanol
(SY) rozanol
(HM) *PLANT EXTRACTS
(HM) *TERPENES
(HM) DRUG COMBINATIONS
(PA) ANTI-ARRHYTHMIA AGENTS
(PA) CHOLAGOGUES AND CHOLERETICS
(II) PLANTS, MEDICINAL
(NO) from Bulgarian rose oil; contains added geraniol

rosapin see desaspidin

rosaprostol see 9-hydroxy-19,20-bisnorprostanoic acid

roseadine
(RN) 58005-25-7
(HM) *VINCA ALKALOIDS
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(NO) Catharanthus roseus alkaloid; structure given in first source; RN given refers to (2beta,3beta,4beta,5alpha,12beta,15(Z(3R,5R,6R,12R))=,19alpha)-isomer; RN for cpd without isomeric designation not in Chemline 11/83

roseoflavin
(RN) 51093-55-1
(SY) 7-methyl-8-dimethylamino-10-D-ribitylisoalloxazine
(HM) RIBOFLAVIN/analogs
(PA) ANTIBIOTICS
(NO) structure

roseofungin
(RN) 12687-98-8
(HM) POLYENES
(PA) ANTIBIOTICS, ANTIFUNGAL
(NO) polyene antibiotic produced by Actinomyces roseoflavus var. roseofungini; Russian drug

rosette-blocking factor see rosette-inhibiting factor

rosette-inhibiting factor
(SY) rosette inhibiting factor
(SY) rosette-blocking factor
(HM) *LIPOPROTEINS, LDL
(NO) in blood of patients with active pulmonary tuberculosis & other pulmonary & cardiac diseases

rosette inhibiting factor see rosette-inhibiting factor

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rosin
(RN) 8050-09-7
(SY) colophony
(SY) pitch
(SY) pine tar resin
(SY) pine resin
(HM) *RESINS
(II) TARS

rosmarinic acid
(RN) 537-15-5
(RR) 20283-92-5 ((R-(E))-isomer)
(HM) *CINNAMATES
(NO) RN given refers to parent cpd

rosoxacin
(RN) 40034-42-2
(SY) Win 35,213
(SY) acrosoxacin
(HM) *QUINOLINES
(PA) ANTI-INFECTIVE AGENTS, URINARY
(PA) ANTI-INFECTIVE AGENTS
(NO) structure in Negwer, 5th ed, #6434

Ro-SSA antigen see SS-A antigen

rotenoids
(HM) ROTENONE/*analogs
(PA) ANTIVIRAL AGENTS

rotenonone
(RN) 4439-62-7
(HM) ROTENONE/*analogs
(NO) degradation product of rotenone in water; RN given refers to (R)-isomer; RN for cpd without isomeric designation not in Chemline 2/85

Roundup see glyphosate

Rous sarcoma virus transforming protein pp60(src) see phosphoprotein pp60(src)

Roussin red methyl ester
(RN) 16071-96-8
(SY) Roussin's red methyl ester
(HM) *NITROSO COMPOUNDS
(PA) MUTAGENS
(NO) tetranitroso compound isolated from ethereal extracts of pickled vegetables collected in Linhsien County, a high-incidence area for esophageal cancer in Northern China; structure given in first source

Roussin's red methyl ester see Roussin red methyl ester

rovral see rovrol

rovrol
(RN) 36734-19-7
(SY) rovral
(SY) iprodione
(SY) glycophen anphor
(HM) *AMINOIMIDAZOLE CARBOXAMIDE/analogs
(PA) FUNGICIDES, INDUSTRIAL

rowachol
(RN) 65546-74-9
(HM) *TERPENES
(HM) DRUG COMBINATIONS
(PA) CHOLAGOGUES AND CHOLERETICS
(II) OILS, ESSENTIAL
(NO) proprietary terpene prep; dissolves cholesterol gallstones; contains menthol, pinene, menthone, borneol, camphene & cineol in olive oil

Rowatinex
(RN) 84593-61-3
(HM) *TERPENES
(PA) ANTI-INFECTIVE AGENTS
(NO) mixture of essential oil consisting of 31% pinene, 15% camphene, 10% borneol, 4% anethol, 4% fenchone & 3% cineol

roxibolone
(RN) 60023-92-9
(RR) 59400-01-0 ((11alpha,17beta)-isomer)
(SY) 2-carboxy-11,17-dihydroxy-17-methyl-1,4-androstadien-3-one
(HM) *ANDROSTADIENES
(II) ANDROGENS, SYNTHETIC
(NO) RN given refers to 11beta,17beta isomer; RN for cpd without isomeric designation not in Chemline 3/85

roxanol see rosanol

Ro 03-4661
(RN) 38085-19-7
(HM) *ISOQUINOLINES
(PA) ANALGESICS, ADDICTIVE

Ro-03-6037 see Ro 03-6037

Ro 03-6037
(RN) 87979-81-5
(SY) ethyl-beta-methyl-4-(1-methyl-2-propynyloxy) cinnamate
(SY) Ro-03-6037
(HM) *CINNAMATES
(PA) ANTI-INFLAMMATORY AGENTS
(NO) structure given in first source

Ro 03-6061
(RN) 2516-88-3
(HM) *PIPERIDINES
(HM) *CYCLIC N-OXIDES
(PA) RADIATION-SENSITIZING AGENTS

Ro 03-6156
(RN) 2138-40-1
(RR) 36994-29-3 (HCl)
(RR) 63644-52-0 (3-(14)C-labeled cpd)
(SY) beta-N,N-dimethyl-p-nitropropiophenone
(SY) p-nitro-3-dimethylaminopropiophenone hydrochloride
(SY) NDPP
(SY) beta-N,N-dimethyl-4-itropropiophenone
(SY) 4-nitro-3-dimethylaminopropiophenone hydrochloride
(HM) *PROPIOPHENONES
(PA) RADIATION SENSITIZING AGENTS
(NO) NO(2) group responsible for required electron affinity; RN given refers to parent cpd

Ro 03-7008 see alaphosphin

Ro 03-7410
(RN) 57704-16-2
(RR) 84952-20-5 ((+-)-isomer)
(RR) 84952-23-8 ((-)-isomer)
(RR) 84952-26-1 ((+)-isomer)
(SY) Ro 037410
(HM) *ETHANOLAMINES
(NO) metabolite of bufuralol; RN given refers to cpd without isomeric designation; structure in first source

Ro 037410 see Ro 03-7410

Ro 03-7894
(RN) 69662-71-1
(SY) 1-(5-chloroacetylaminobenzofuran-2-yl)-2-isopropylaminoethanol
(HM) *BENZOFURANS
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS
(NO) structure

Ro 038799
(RN) 70132-51-3
(SY) Ro 03-8799
(HM) *NITROIMIDAZOLES
(PA) RADIATION-SENSITIZING AGENTS
(NO) structure given in first source

Ro 03-8799 see Ro 038799

Ro 03-8800
(RN) 70132-53-5
(SY) Ro-03-8800
(HM) *NITROIMIDAZOLES
(PA) RADIATION-SENSITIZING AGENTS
(NO) RN given refers to HCl; RN for parent cpd not in Chemline 7/85

Ro-03-8800 see Ro 03-8800

Ro 03-9199
(RN) 21184-43-0
(SY) N,N'-bis(2,2,6,6-tetramethyl-1-oxyl-4-piperidinyl)succinamide
(HM) *PIPERIDINES
(HM) *CYCLIC N-OXIDES
(PA) RADIATION-SENSITIZING AGENTS
(NO) structure

Ro 03-9310
(SY) Ro-03-9310
(HM) *NITROIMIDAZOLES
(PA) RADIATION-SENSITIZING AGENTS

Ro-03-9310 see Ro 03-9310

Ro 05-4082 see ID-690

Ro-05-4864 see Ro 5-4864

Ro 05-9963 see desmethylmisonidazole

Ro 07-1902
(RN) 68160-71-4
(SY) Ro-07-1902
(HM) MISONIDAZOLE/*analogs
(NO) enhances the effect of specific antineoplastic agents

Ro-07-1902 see Ro 07-1902

Ro 09-0049 see fumaramidmycin

Ro 09-0410
(RN) 76554-66-0
(SY) Ro-09-0410
(SY) 4'-ethoxy-2'-hydroxy-4,6'-dimethoxychalcone
(HM) *CHALCONE/analogs
(PA) ANTIVIRAL AGENTS
(NO) structure given in first source

Ro-09-0410 see Ro 09-0410

Ro 09-0680
(RN) 87112-49-0
(SY) Ro-09-0680
(HM) *PHENANTHRENES
(II) PLANT EXTRACTS
(NO) platelet aggregation inhibitor from Tan-Shen, Salvia miltiorrhiza radix; structure given in first source

Ro-09-0680 see Ro 09-0680

Ro 09-0766
(SY) Ro-09-0766
(HM) *POLYSACCHARIDES
(PA) ALPHA-AMYLASE/antag
(NO) found in trestatin complex; structure given in first source

Ro-09-0766 see Ro 09-0766

Ro 09-0767
(SY) Ro-09-0767
(HM) *OLIGOSACCHARIDES
(PA) ALPHA-AMYLASE/antag
(NO) found in trestatin complex; structure given in first source

Ro-09-0767 see Ro 09-0767

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Ro 09-0768
(SY) Ro-09-0768
(HM) *OLIGOSACCHARIDES
(PA) ALPHA-AMYLASE/antag
(NO) found in trestatin complex; structure given in first source

Ro-09-0768 see Ro 09-0768

Ro-09-0804 see penitricin

Ro 09-0804 see penitricin

Ro 10-1670
(RN) 54757-46-9
(RR) 55079-83-9 ((all-E)-isomer)
(HM) TRETINOIN/*analogs
(NO) RN given refers to cpd without isomeric designation; structure

Ro 10-5970 see brodimoprim

Ro-10-5970 see brodimoprim

Ro-11-1163 see moclobemide

Ro 11-1163 see moclobemide

Ro 11-1430
(RN) 54757-59-4
(RR) 56281-36-8 ((all-E)-isomer)
(SY) Tasmaderm
(SY) trimethylmethoxyphenyl-N-ethyl retinamide
(SY) TMMP-ERA
(SY) TMMP ethyl ester
(SY) motretinide
(HM) TRETINOIN/*analogs
(NO) exerts a therapeutic influence on chemically induced papillomas & carcinomas of the skin in mice; RN given refers to cpd without isomeric designation; structure

Ro 11-1781 see dimeditiapramine

Ro 11-2465
(RN) 66834-24-0
(SY) 5-(3-(dimethylamino)propyl)-10,11-dihydro-5H-dibenz(b,f)azepine-3-carbonitrile
(SY) 3-cyano-imipram..e
(SY) 3-cyanoimipramine
(HM) IMIPRAMINE/*analogs
(PA) SEROTONIN ANTAG

Ro 11-3128 see meclonazepam

Ro-11-6893 see Ro 11-6893

Ro 11-6893
(RN) 66921-17-3
(RR) 66855-85-4 ((S)-isomer)
(SY) Ro 11-6896
(SY) Ro-11-6896
(SY) Ro-11-6893
(SY) 3-methylflunitrazepam
(HM) *BENZODIAZEPINONES
(NO) RN given refers to (R)-isomer; RN for cpd without isomeric designation not in Chemline 6/84

Ro-11-6896 see Ro 11-6893

Ro 11-6896 see Ro 11-6893

Ro12-0068
(RN) 59804-37-4
(SY) Ro 12-0068
(SY) 4-hydroxy-2-methyl-N-2-pyridyl-2H-thieno(2,3-e)-1,2-thiazine-3-carboxamide 1,1-dioxide
(SY) tilcotil
(SY) tenoxicam
(HM) *THIAZINES
(PA) ANALGESICS, ANTI-INFLAMMATORY

Ro 12-0068 see Ro12-0068

Ro 12-0470
(RN) 72395-08-5
(SY) 2-naphthylmethyl cyclopropanecarboxylate
(HM) *CYCLOPROPANES
(PA) INSECTICIDES
(NO) structure given in first source

Ro 12-4713 see Ro 12-4713

Ro 12-4713
(RN) 68020-77-9
(RR) 77162-67-5 (former CAS registry number)
(SY) methyl 5-(3,6-dihydro-1(2H)-pyridyl)-2-oxo-2H-(1,2,4)oxadiazolo-2,3a-pyrimidine-7-carbamate
(SY) Ro 124713
(SY) carprazidil
(SY) Carbamic acid, (5-(3,6-dihydro-1(2H)-pyridinyl)-3,3a-dihydro-2-oxo-2H-(1,2,4)oxadiazolo(2,3-a) pyrimidin-7-yl)-, methyl ester
(HM) *PYRIMIDINES
(PA) ANTIHYPERTENSIVE AGENTS
(PA) VASODILATOR AGENTS
(NO) vasoactive antihypertensive agent which does not produce tachycardia or water & sodium retention; structure given in first source

Ro 12-5419
(SY) Ro-125419
(SY) desmethylcianopramine
(SY) cyan-desipramine
(HM) IMIPRAMINE/*analogs
(NO) N-desmethyl metabolite of Ro 11-2465 (cyan-imipramine)

Ro-125419 see Ro 12-5419

Ro-126995 see metioprim

Ro 126995 see metioprim

Ro 12-7554
(RN) 78548-88-6
(SY) Ro-127554
(HM) TRETINOIN/*analogs
(NO) RN given refers to (all-E)-isomer; RN for cpd without isomeric designation not in Chemline 10/83

Ro-127554 see Ro 12-7554

Ro 13-1042 see lorcainide

Ro 13-5057 see aniracetam

Ro-13-5057 see aniracetam

Ro 13-6298
(RN) 71441-09-3
(SY) arotinoid Ro 136298
(SY) arotinoid ethyl ester
(SY) ethyl-p-(2-(5,6,7,8-tetrahydro-5,5,8,8-tetramethyl-2-naphthyl)-1-propenyl)benzoate
(HM) *BENZOATES
(PA) ANTINEOPLASTIC AGENTS
(NO) used in psoriasis therapy; structure given in first source

Ro 13-6438
(SY) Ro-13-6438
(SY) 6-chloro-1,5-dihydro-3-methylimidazo(2,1-b) quinazolin-2(3H)-one
(HM) *QUINAZOLINES
(NO) structure given in first source

Ro-13-6438 see Ro 13-6438

Ro 13-7410
(RN) 71441-28-6
(SY) arotinoid Ro-137410
(SY) TTNPB
(SY) 4-(2-(5,6,7,8-tetrahydro-5,5,8,8-tetramethyl-2-naphthalenyl)-1-propenyl)benzoic acid
(HM) *BENZOATES
(NO) RN given refers to (E)-isomer; RN for cpd without isomeric designation not in Chemline 9/7/83; structure given in first source

RO-13-8996 see oxiconazole

Ro 14-4767-002
(RN) 67467-83-8
(RR) 83094-51-3 (HCl)
(SY) Ro-14-4767-002
(HM) *MORPHOLINES
(PA) ANTIFUNGAL AGENTS
(NO) RN given refers to parent cpd

Ro-14-4767-002 see Ro 14-4767-002

Ro 14-61332 see pyroglutamyl-histidyl-glycine

Ro 14-7437
(RN) 78756-03-3
(SY) Ro-14-7437
(HM) *BENZODIAZEPINES
(PA) BENZODIAZEPINES/antag
(NO) benzodiazepine antag; no other info available 8/16/83

Ro-14-7437 see Ro 14-7437

Ro 15-1570
(RN) 87719-32-2
(SY) Ro-15-1570
(SY) arotinoid ethylsulfone
(SY) ethyl 4-(2-(5,6,7,8-tetrahydro-5,5,8,8-tetramethyl-2-naphthyl)propenyl)phenylsulfone
(HM) *RETINOIDS
(NO) devoid of bone toxicity; RN given refers to (E)-isomer; RN for cpd without isomeric designation not in Chemline 5/85; structure given in first source

Ro-15-1570 see Ro 15-1570

RO 15-1788
(RN) 78755-81-4
(SY) ethyl-8-fluoro-5,6-dihydro-5-methyl-6-oxo-4H-imidazo(1,5a)(1,4)benzodiazepine-3-carboxylate
(SY) flumazepil
(HM) *BENZODIAZEPINONES
(PA) CONVULSANTS
(NO) structure given in first source; benzodiazepine antagonist

Ro 15-1903
(RN) 83151-26-2
(SY) Ro-15-1903
(SY) 6-acetylmethylenepenicillanic acid
(HM) *PENICILLANIC ACIDS
(PA) BETA-LACTAMASES/antag
(NO) structure given in first source

Ro-15-1903 see Ro 15-1903

RO 15-3505
(SY) RO-15-3505
(HM) *BENZODIAZEPINONES
(PA) BENZODIAZEPINES/antag
(NO) structure given in first source

RO-15-3505 see RO 15-3505

RO 15-4513
(SY) RO-154513
(SY) ethyl-8-azido-5,6-dihydro-5-methyl-6-oxo-4H-imidazo-1,4-benzodiazepine-3-carboxylate
(HM) *BENZODIAZEPINES
(HM) *AZIDES
(II) AFFINITY LABELS

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RO-154513 see RO 15-4513

Ro 16-8714
(SY) Ro-16-8714
(SY) 4-(3-(bis(beta-hydroxyphenethyl)amino)butyl) benzamide
(HM) *2-HYDROXYPHENETHYLAMINE/analogs
(PA) HYPOGLYCEMIC AGENTS
(NO) structure given in first source

Ro-16-8714 see Ro 16-8714

Ro 17-2301
(RN) 87638-04-8
(SY) Ro-17-2301
(SY) AMA 1080
(SY) AMA-1080
(SY) carumonam
(HM) *ANTIBIOTICS, LACTAM
(NO) structure given in first source; RN given refers to (2S-(2alpha,3alpha(Z))-isomer; RN for cpd without isomeric designation not in Chemline 5/85

Ro-17-2301 see Ro 17-2301

Ro 17-6661
(RN) 93739-45-8
(SY) Ro-176661
(HM) *THIAZINES
(NO) metabolite of tenoxicam; structure given in first source

Ro-176661 see Ro 17-6661

Ro 20-0006 see bromolasalocid

Ro 20-2230 see 2-hydroxy-N-cyclopropylmethylmorphinan

Ro 205720 see carprofen

Ro 20-5720 see carprofen

RO 21-3981 see midazolam

RO 21-5521
(RN) 58012-63-8
(SY) RO-21-5521
(SY) 8-chloro-alpha-methyl-3-dibenzofuranacetic acid
(HM) *BENZOFURANS
(PA) ANTI-INFLAMMATORY AGENTS
(NO) RN given refers to (+)-isomer; RN for cpd without isomeric designation not in Chemline 7/85

RO-21-5521 see RO 21-5521

Ro 21-6150 see A-130A

Ro-21-6937 see Ro 21-6937

Ro 21-6937
(RN) 69900-72-7
(SY) 11,16,16-trimethyl-11-desoxyprostaglandin E2
(SY) TMD-PGE2
(SY) Ro-21-6937
(SY) trimoprostil
(SY) 11,16,16-trimethyl prostaglandin E2
(SY) 11,16,16-trimethyl PGE2
(HM) *PROSTAGLANDINS E, SYNTHETIC
(PA) ANTI-ULCER AGENTS
(NO) RN given refers to (5Z,11alpha,13E,15R)-isomer; RN for cpd without ismoeric designation not in Chemline 9/7/83; structure given in first source

RO 21-7634 see
2-methoxy-11-oxo-11H-pyrido(2,1-b)quinazoline-8-carboxylic acid

RO 21 8384 see
8-chloro-6-(2-chlorophenyl)-4H-imidazo(1,5-a)(1,4)-benzodiazepine-3-carboxamide

Ro 21-9738 see 5'-deoxy-5-fluorouridine

Ro 22-0654
(RN) 81741-99-3
(SY) Ro-22-0654
(SY) 4-amino-5-ethyl-3-thiophenecarboxylic acid methyl ester
(SY) methyl 4-amino-5-ethyl-3-thiophenecarboxylate
(HM) *THIOPHENES
(II) Obesity/drug ther
(NO) inhibits lipid synthesis

Ro-22-0654 see Ro 22-0654

Ro-22-1319 see Ro 22-1319

Ro 22-1319
(RN) 78541-97-6
(SY) 2,6-dimethyl-3-ethyl-4,4a,5,6,7,8,8a,9-octahydro-4a,8a-1H-pyrrolo(2,3g)isoquinolin-4- one
(SY) Ro-22-1319
(SY) 3-ethyl-2,6-dimethyl-4,4a,5,6,7,8,8a,9-octahydro-4a,8a-1H-pyrrolo(2,3g)isoquinolin-4- one
(HM) *ISOQUINOLINES
(PA) ANTIPSYCHOTIC AGENTS
(NO) structure given in first source

RO 22-3581
(RN) 10041-06-2
(SY) 4'(1-H-imidazole-1-yl)acetophenone
(HM) *IMIDAZOLES
(PA) THROMBOXANE SYNTHETASE/antag

Ro 223747
(RN) 78299-53-3
(SY) Ro-22-3747
(SY) 3-(6-(methylthio)-4-oxo-4H-quinazolin-3-yl)-2-propenoic acid
(HM) *QUINAZOLINES
(PA) HISTAMINE H1 RECEPTOR BLOCKADERS
(NO) structure given in first source

Ro-22-3747 see Ro 223747

RO 22-4679
(RN) 86003-82-9
(SY) RO-22-4679
(HM) *IMIDAZOLES
(PA) THROMBOXANE SYNTHETASE/antag
(NO) one-substituted imidazole thromboxane synthetase inhibitor; no other info available 6/21/83

RO-22-4679 see RO 22-4679

Ro-22-5417 see Ro 22-5417

Ro 22-5417
(RN) 74758-63-7
(SY) 3-(7-oxo-1-aza-4-oxabicyclo(3.2.0)hept-3-yl) alanine
(SY) Ro-22-5417
(HM) *CLAVULANIC ACIDS
(NO) from Streptomyces clavuligerus; structure given in first source

Ro 22-6923
(RN) 81397-66-2
(SY) Ro-22-6923
(SY) 15-acetyloxy-11,16,16-trimethyl-9-oxoprosta-5,13-dien-1-oic acid
(SY) 15-acetyltrimoprostil
(HM) *PROSTAGLANDINS E, SYNTHETIC
(PA) ANTI-ULCER AGENTS
(NO) RN given refers to (5Z,11alpha,13E,15R)-isomer; RN for cpd without isomeric designation not in Chemline 2/85; structure given in first source

Ro-22-6923 see Ro 22-6923

Ro 31-0052
(RN) 82381-67-7
(SY) Ro-31-0052
(HM) *NITROIMIDAZOLES
(PA) RADIATION-SENSITIZING AGENTS

Ro-31-0052 see Ro 31-0052

Ro 31-0258
(SY) Ro-31-0258
(HM) *NITROIMIDAZOLES
(PA) RADIATION-SENSITIZING AGENTS

Ro-31-0258 see Ro 31-0258

Ro 31-0313
(RN) 77273-77-9
(SY) Ro-31-0313
(SY) 2-nitro-alpha-(piperidinomethyl)-1-imidazole ethanol N-oxide
(HM) *NITROIMIDAZOLES
(NO) metabolite of Ro 03-8799, radiation sensitizing agent

Ro-31-0313 see Ro 31-0313

RO 31-1118
(RN) 86941-24-4
(RR) 86941-25-5 (HCl(+-)-isomer)
(RR) 86901-91-9
((E)-2-butanadioate[1:1]salt(R)-isomer)
(RR) 86901-89-5
((E)-2-butanedioate[1:1]salt(S)-isomer)
(SY) RO-31-1118
(SY) 1-(4-(2-(fluorophenethyloxy)ethyl)phenoxy)-3-isopropylamino-2-propanol HCl
(HM) *PROPANOLAMINES
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS
(NO) RN given refers to (+-)-isomer; RN for cpd without isomeric designation not in Chemline 6/85; structure given in first source

RO-31-1118 see RO 31-1118

Ro 31-2201
(RN) 88851-65-4
(SY) Ro-31-2201
(HM) *PYRIDAZINES
(PA) KININASE II/antag
(NO) structure given in first source

Ro-31-2201 see Ro 31-2201

Ro 31-2269
(RN) 95211-87-3
(RR) 95211-88-4 ((cis)-isomer)
(SY) Ro-31-2269
(SY) Ro 31-2778
(SY) Ro-31-2778
(SY) N,N'-bis(2,2,6,6-tetramethyl-1-oxyl-4-piperidinyl)-1,2-diaminocyclopropane
(HM) *CYCLIC N-OXIDES
(PA) RADIATION-SENSITIZING AGENTS
(NO) Ro 31-2269 refers to the (trans)-isomer; Ro 31-2778 refers to the (cis)-isomer; structure given in first source; RN given refers to Ro 31-2269 (trans)-isomer; RN for cpd without isomeric designation not available 5/85

Ro-31-2269 see Ro 31-2269

Ro 31-2655
(RN) 95211-90-8
(SY) Ro-31-2665
(SY) N,N'-dimethyl-N'-(2,2,6,6-tetramethyl-1-oxyl-4-piperidinyl)-1,2-diaminoethane
(HM) *CYCLIC N-OXIDES
(PA) RADIATION-SENSITIZING AGENTS
(NO) structure given in first source; RN given refers to maleate salt; RN for cpd without isomeric designation not available 5/85

Ro-31-2665 see Ro 31-2655

Ro 31-2778 see Ro 31-2269

Ro-31-2778 see Ro 31-2269

Ro 31-2848
(RN) 90139-06-3
(SY) Ro-31-2848
(SY) cilazapril
(HM) *PYRIDAZINES
(PA) KININASE II/antag
(NO) structure given in first source

Ro-31-2848 see R.o 31-2848

Ro 31-3113
(SY) Ro 313113
(HM) *PYRIDAZINES
(PA) KININASE II/antag
(NO) no other information available

Ro 313113 see Ro 31-3113

Ro 3-4787 see bufuralol

Ro 363
(RN) 74513-77-2
(SY) 1-(3,4-dimethoxyphenethylamino)-3-(3,4-dihydroxyphenoxy)-2-propanol
(HM) *PROPANOLAMINES
(PA) ADRENERGIC BETA RECEPTOR AGONISTS

Ro 3-7410
(RN) 61470-08-4
(SY) Ro-3-7410
(HM) *ETHANOLAMINES
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS
(NO) active hydroxy metabolite of bufuralol

Ro-3-7410 see Ro 3-7410

Ro 4-3780
(RN) 4759-48-2
(SY) 13-cis-retinoic acid
(SY) isotretinoin
(SY) accutane
(SY) Roaccutan
(HM) *TRETINOIN
(PA) TERATOGENS
(II) ISOMERISM

Ro 4-4318 see 1-chloroamitriptyline

Ro 4-5127
(RN) 3614-72-0
(SY) 2,3,4-trihydroxybenzylhydrazine
(HM) *HYDRAZINES
(PA) DOPA DECARBOXYLASE/antag
(NO) structure

Ro 4-5282 see mefenorex

Ro 5-2092 see demoxepam

Ro 5-3367
(RN) 2886-65-9
(SY) CM 7116
(SY) CM-7116
(SY) N-desalkyl-2-oxoquazepam
(HM) FLURAZEPAM/*analogs
(PA) BENZODIAZEPINE TRANQUILIZERS
(NO) structure

Ro 5-3663
(RN) 70656-87-0
(RR) 41631-29-2 (mono-HCl)
(SY) 1,3-dihydro-5-methyl-2H-1,4-benzodiazepin-2-one
(HM) *BENZODIAZEPINONES
(PA) CONVULSANTS
(NO) RN given refers to parent cpd; structure in first source

Ro 5-4082 see ID-690

Ro 5-4864
(RN) 14439-61-3
(SY) Ro-05-4864
(SY) 4'-chlorodiazepam
(HM) *BENZODIAZEPINONES
(PA) CONVULSANTS

Ro 5-6669
(RN) 72430-63-8
(SY) Ro-5-6669
(SY) 7-chloro-5-(4-methoxyphenyl)-1-methyl-3H-1,4-benzodiazepin-2(1H)one
(HM) *BENZODIAZEPINONES
(NO) differs from Ro 5-4864 with substitution of methoxy group for chlorine in 4'-position

Ro-5-6669 see Ro 5-6669

Ro-59129-001 see azomycin

Ro 6-0787
(RN) 38956-82-0
(SY) benzylpenicilloylformyllysine
(SY) N-epsilon-benzoylpenicilloyl-alpha-formyl-L-lysine
(HM) PENICILLIN G/*analogs
(II) HAPTENS
(NO) synthetic penicilloyl hapten; structure

Ro 7-1051 see benzonidazole

Ro 7-1986 see irazepine

Ro 71986-1 see kenazepine

Ro 7-2340
(RN) 24543-59-7
(SY) BOMT
(HM) *ANDROSTANOLS
(PA) ANDROGEN ANTAGONISTS

RO 7-2956
(RN) 25956-47-2
(RR) 26772-42-9 ((+-)-isomer)
(RR) 26765-02-6 ((+)-isomer)
(RR) 26765-00-4 ((-)-isomer)
(SY) RO 7 2956
(SY) 4-(3,4-dimethoxyphenyl)methyl)-2-imidazolidinone
(HM) *IMIDAZOLES
(NO) phosphodiesterase inhibitor that has peripheral vasodilator effects & exerts isoproterenol-like action on the heart that cannot be blocked by adrenergic blockaders; probably works by increasing the intracellular cyclic AMP levels; minor descriptor (76-85); on-line & Index Medicus search IMIDAZOLES (76-85); RN given refers to parent cpd

RO 7 2956 see RO 7-2956

Ro 8-0576 see madopar

Ro 8-4650 see diclofensine

Ro-8-8427 see phenoro

Ro 8-8427 see phenoro

RPCNU see ICIG 1163

RPI-I see rat proteinase inhibitor I

RPI I see rat proteinase inhibitor I

RPI-II see rat proteinase inhibitor II

RPI II see rat proteinase inhibitor II

R-1 protease inhibitor see alpha1-proteinase inhibitor

R-protein
(HM) *NUCLEOPROTEINS
(NO) from nuclei of rat & liv; believed to be essential to chromosome pairing &/or crossing over among higher eukaryotic organisms; do not confuse with R protein which is synonym for cobalophilin (TRANSCOBALAMINS)

14,539 RP see secnidazole

RP 18,631 see clorobiocin

19560-RP see metapramine

RP-20132 see N-leucyldaunorubicin

RP 20132 see N-leucyldaunorubicin

20396 RP see 1-(2-hydroxyethyl)-2-hydroxymethyl-5-nitroimidazole

RP-20396 see 1-(2-hydroxyethyl)-2-hydroxymethyl-5-nitroimidazole

RP 20396 see 1-(2-hydroxyethyl)-2-hydroxymethyl-5-nitroimidazole

RP 22050 see rubidazone

RP-22410 see glisoxepide

RP 22410 see glisoxepide

RP 27 267 see zopiclone

RP29 see ribosomal protein 29

RP-3124 see suriclone

RP-31264 see suriclone

RP 31264 see suriclone

33921 RP see detorubicin

R.P. 33 921 see detorubicin

RP 35972 see oltipraz

RP-40749 see RP 40749

RP 40749
(RN) 76732-75-7
(SY) 2-methylaminocarbothioyl-2-(pyridyl)-2-tetrahydrothiophene
(SY) RP-40749
(HM) *THIOPHENES
(PA) ANTI-ULCER AGENTS
(NO) structure given in first source

RP-42980 see cefatiolene

RP 42980 see cefatiolene

RP-44081 see RP 44081

44081 RP see RP 44081

RP 44081
(SY) 2-((1,5,10,10a-tetrahydro-3H-thiazolo(3,4b) isoquinolin-3-ylidene)amino)-4-thiazole acetic acid
(SY) RP-44081
(SY) 44081 RP
(HM) *THIAZOLES
(PA) ANTIVIRAL AGENTS
(NO) antirhinovirus agent; structure given in first source

RP 8167 see ethion

RQ14 see NSC 191295

RQ2 see NSC 30705

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R-14 regimen
(SY) R 14 regimen
(HM) CYCLOPHOSPHAMIDE
(HM) VINCRISTINE
(HM) VINBLASTINE
(HM) DOXORUBICIN
(HM) FLUOROURACIL
(HM) METHOTREXATE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) combination of above cpds; used in treatment of breast neoplasms

R 14 regimen see R-14 regimen

rRNA(adenine-2-)methyltransferase see rRNA methylase

rRNA methylase
(RN) EC 2.1.1.-
(SY) rRNA(adenine-2-)methyltransferase
(SY) ribosomal RNA methylase
(HM) *METHYLTRANSFERASES
(NO) forms 2'-O-methyladenosine

RR-150 see 7-cysteaminomitosane

RR 150 see 7-cysteaminomitosane

RS-1-(4-acetamido-2-acetylphenoxy)-2-hydroxy-3-isopropylaminopropane hydrochloride see diacetolol

Rsa I endonuclease see endodeoxyribonuclease Rsa I

RsaI endonuclease see endodeoxyribonuclease RsaI

RSC II see selenazofurin

RS-HS 37 see HS 37

R-SK&F 38393 see SK&F 38393

RS-2-methylbutyrate see 2-methylbutyrate

(RS)-nipecotic acid see nipecotic acid

cis-(1RS)-permethrin see permethrin

trans-(1RS)-permethrin see permethrin

RsrII endonuclease see endodeoxyribonuclease RsrII

RSU 1069
(SY) RSU-1069
(SY) NSC 347503
(SY) NSC-347503
(SY) 1-(2-nitro-1-imidazolyl)-3-aziridino-2-propanol
(HM) MISONIDAZOLE/*analogs
(PA) RADIATION-SENSITIZING AGENTS
(NO) structure given in first source

RSU-1069 see RSU 1069

RSU 1113
(SY) RSU-1113
(HM) *ORGANOPLATINUM COMPOUNDS
(HM) *NITROIMIDAZOLES
(PA) RADIATION-SENSITIZING AGENTS
(NO) structure given in first source

RSU-1113 see RSU 1113

RSU 1130
(SY) RSU-1130
(HM) *RHODIUM
(HM) *NITROIMIDAZOLES
(PA) RADIATION-SENSITIZING AGENTS
(NO) structure given in first source

RSU-1130 see RSU 1130

RSV see benzil

RS 11635
(SY) RS-11635
(SY) endo-2-(2-cyclopentyl-2-hydroxy-2-phenyl) acetoxy-7-methyl-7-azabicyclo-[2.2.1]heptane methobromide
(HM) *BICYCLO COMPOUNDS
(PA) PARASYMPATHOLYTICS
(NO) structure given in first source

RS-11635 see RS 11635

RS1301 see delmadinone

RS 35887 see butoconazole

RS 37367
(RN) 86996-65-8
(SY) RS-37367
(SY) 1-(2-(2,4-dichlorobenzyloxy)-n-octyl)imidazole
(SY) 1-(2-(2,4-dichlorobenzyloxy)-n-octyl)imidazole oxalate
(HM) *IMIDAZOLES
(II) SPERMICIDAL AGENTS
(II) CONTRACEPTIVE AGENTS, FEMALE

RS-37367 see RS 37367

RS 37619
(RN) 74103-06-3
(SY) RS-37619
(SY) 5-benzoyl-1,2-dihydro-3H-pyrrolo(1,2a)pyrrole-1-carboxylic acid
(HM) *TOLMETIN/analogs
(PA) ANALGESICS, ANTI-INFLAMMATORY
(NO) structure given in first source

RS-37619 see RS 37619

RS-3999 see flunisolide

RS 43179 see 6-chloro-2,3-dimethoxynaphthalene-1,4-diodiacetate

RS-43179 see 6-chloro-2,3-dimethoxynaphthalene-1,4-diodiacetate

RS 49910
(RN) 87090-27-5
(SY) RS-49910
(HM) *IMIDAZOLES
(PA) ANTIFUNGAL AGENTS
(NO) aryloxy substituted alkylimidazole antifungal agent; no other info available 8/22/83

RS-49910 see RS 49910

RS 68439
(SY) RS-68439
(SY) LHRH, N-Ac-2-naphthyl-Ala(1)-(4-Cl-Phe)(2)-Trp (3)-hArg(Et2)(6)-Ala(10)-
(SY) LHRH, 1-(N-acetyl-2-naphthylalanyl)-2-(4-chlorophenylalanyl)-3-tryptophyl-6-diethyl homoarginyl-10-alanine-
(SY) N-Ac-Nal(2)(1)-4-Cl-Phe(2)-Trp(6)-hArg(Et2)(6)-Ala(10)-GnRH
(HM) LH-FSH RELEASING HORMONE/*analogs
(PA) LH-FSH RELEASING HORMONE/antag

RS-68439 see RS 68439

RS 86 see RS-86

RS-86
(RN) 3576-73-6
(RR) 41676-35-1 (fumarate[2:1])
(RR) 5588-07-8 (HCl)
(RR) 19302-45-5 (unspecified fumarate)
(RR) 19105-63-6 (HBr)
(RR) 7524-74-5 (mono-HBr)
(RR) 51382-46-8 (monofumarate)
(SY) spiro-(N'-methylpiperidyl-4')-N-ethylsuccinimide fumarate
(SY) RS 86
(HM) *SUCCINIMIDES
(PA) PARASYMPATHOMIMETICS
(NO) RN given refers to parent cpd

RS 8858 see oxfendazole

RS 9390 see prostalene

RTANA see rheumatoid arthritis nuclear antigen

RT1 antigen see histocompatibility antigen RT1

RTase inhibitor see reverse transcriptase inhibitors

RTEM-1 beta-lactamase
(RN) EC 3.5.2.-
(SY) TEM-1 beta-lactamase
(HM) *BETA-LACTAMASES

RTEM-2 beta-lactamase see RTEM-2 serine beta-lactamase

RTEM-2 serine beta-lactamase
(RN) EC 3.5.2.-
(SY) RTEM-2 beta-lactamase
(SY) TEM-2 beta-lactamase
(HM) *BETA-LACTAMASES

3-RTPO see 3-beta-ribofuranosylthieno(2,3-d)pyrimidin-4-one

RTX III see toxin III (Anemonia sulcata)

RTX 100
(RN) 92046-34-9
(SY) RTX-100
(HM) *POLYETHYLENE GLYCOLS
(II) DETERGENTS
(NO) reduced cyclohexyl analog of Triton X-100

RTX-100 see RTX 100

RT1 see histocompatibility antigen RT1

RT1(A) see histocompatibility antigen RT1

RT1(B) see histocompatibility antigen RT1

RT1(C) see histocompatibility antigen RT1

RT1(D) see histocompatibility antigen RT1

RT1(E) see histocompatibility antigen RT1

3-RUAMP see 3-N-ribosyluric acid 5'-monophosphate

Rubberloid
(HM) *COLLOIDS
(II) DENTAL IMPRESSION MATERIALS
(NO) heavy-body hydrocolloid with 3/8-inch sticks for injection

rubeanic acid
(RN) 79-40-3
(SY) dithiooxamide
(HM) *THIOAMIDES
(II) INDICATORS AND REAGENTS
(II) CHELATING AGENTS
(NO) indicator for copper, cobalt, & nickel; structure

rubella antibodies
(HM) *ANTIBODIES, VIRAL
(II) RUBELLA

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rubeomycin B
(RN) 78366-46-8
(SY) rubeomycin B1
(SY) 4-hydroxybaumycinol A1
(SY) 4-hydroxybaumycinol A2
(HM) NAPHTHACENES
(PA) ANTIBIOTICS
(NO) anthracycline antibiotic from actinomycete, strain FA-1180; structure given in first source

rubeomycin B1 see rubeomycin B

rubescensine A
(RN) 79585-96-9
(HM) *DITERPENES
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(NO) structure given in first source

rubescenslysin
(RN) 73990-29-1
(HM) *FUNGAL PROTEINS
(PA) HEMOLYSINS
(II) CYTOLYSINS
(II) AMANITINS
(NO) from mushroom Amanita rubescens

rubidazone
(RN) 54083-22-6
(RR) 36508-71-1 (HCl(L-xylo)-(2S-cis)-isomer)
(RR) 80951-61-7 ((L-arabino)-(2S-cis)-isomer)
(SY) RP 22050
(SY) daunomycin benzoylhydrazone
(SY) zorubicin
(HM) DAUNORUBICIN/analogs
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) RN given refers to (L-xylo)-(2S-cis)-isomer; structure

rubidium chloride
(RN) 7791-11-9
(HM) *RUBIDIUM
(HM) *CHLORIDES

rubigine tirel
(RN) 77573-69-4
(HM) *OXALATES
(HM) *AMMONIUM COMPOUNDS
(HM) *HYDROFLUORIC ACID
(II) ANTIOXIDANTS
(NO) anti-rust combination of oxalic acid, ammonium fluoride & hydrofluoric acid; in cases of poisoning use
(HM) FLUORIDE POISONING

rubimaillin
(SY) 3'-carbomethoxy-4'-hydroxy-6,6-dimethylnaphtho (1',2'-2,3)pyran
(HM) *PYRANS
(II) PLANTS, MEDICINAL
(NO) structure given in first source

rubomycin aglycone see daunomycinone

rubomycin-DNA complex see daunorubicin-DNA

ruboxyl
(RN) 83138-78-7
(HM) DAUNORUBICIN/*analogs
(NO) paramagnetic nitroxyl analog of rubomycin

rubradirin
(RN) 11031-38-2
(RR) 69279-50-1 (rubradirin C)
(RR) 68892-78-4 (rubradirin A)
(HM) NAPHTHOQUINONES
(PA) ANTIBIOTICS
(NO) selective inhibitor of enzymatic peptide initiation; RN given refers to (7Z)-isomer; see also rubradirin B: 68833-11-4

rubredoxin NAD reductase see rubredoxin-NAD+ reductase

rubredoxin-NAD+ reductase
(RN) EC 1.18.1.1
(SY) rubredoxin reductase
(SY) rubredoxin NAD reductase
(SY) NADH rubredoxin oxidoreductase
(SY) NADPH rubredoxin oxidoreductase
(HM) *NADH, NADPH OXIDOREDUCTASES
(NO) prior to 1978 was classified as EC 1.6.7.2

rubredoxin reductase see rubredoxin-NAD+ reductase

rubrene
(RN) 517-51-1
(SY) 5,6,11,12-tetraphenylnaphthacene
(HM) *NAPHTHACENES
(NO) chemiluminescent activator

RuCl2(DMSO)4 see dichlorotetrakis(dimethyl sulfoxide)ruthenium II

cis-RuCl2(DMSO)4 see dichlorotetrakis(dimethyl sulfoxide)ruthenium II

rudolfomycin
(RN) 69245-38-1
(SY) rudolphomycin
(HM) NAPHTHACENES
(PA) ANTIBIOTICS
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) structure in third source

rudolphomycin see rudolfomycin

Rumalon
(RN) 11035-03-3
(RR) 58517-09-2 (arumalon)
(SY) Arumalon
(HM) *TISSUE EXTRACTS
(PA) ANTI-INFLAMMATORY AGENTS
(II) CARTILAGE
(II) BONE MARROW
(NO) for drug therapy of osteoarthritis; tissue extract of cartilage & bone containing no protein, only small molecules such as amino acids, nucleotides, small polypeptides, oligosaccharides and minerals; RN given refers to cpd with unknown MF

(Ru(NH3)5Cl)Cl2 see pentaamminechlororuthenium

ruppuran
(RN) 88228-58-4
(SY) ruthenocenoylglycine
(SY) ruthenocenoyl-glycine
(HM) *ORGANOMETALLIC COMPOUNDS
(HM) *RUTHENIUM
(II) RADIOISOTOPES
(NO) metallocene-hippuric acid analog labeled with 103Ru; structure given in first source

Russell's viper venom factor X activator see RVV-X

rusticyanin
(HM) *METALLOPROTEINS
(NO) blue copper protein from Thiobacillus ferrooxidans

rutascorbin see ascorutin

Ru-TDPA see tris(4,7-diphenyl-1,10-phenanthroline)ruthenium (II)

ruthenium aquapentaammine ion see pentaammineaquaruthenium

ruthenium chloride
(RN) 10049-08-8
(RR) 73206-39-0 (103Ru-labeled RuCl4)
(RR) 67395-91-9 (103Ru-labeled RuCl2)
(RR) 65234-97-1 (103Ru-labeled RuCl3)
(RR) 63767-78-2 (106Ru-labeled RuCl3)
(SY) ruthenium chloride trihydrate
(HM) *RUTHENIUM
(NO) RN given refers to unlabeled cpd

ruthenium chloride trihydrate see ruthenium chloride

ruthenium chloropentaammine dichloride see pentaamminechlororuthenium

ruthenium hexaamine trichloride see hexammineruthenium

ruthenium hexaammine trichloride see hexammineruthenium

ruthenium hexacyanide
(SY) ruthenium-hexacyanide
(HM) *RUTHENIUM
(HM) *CYANIDES

ruthenium-hexacyanide see ruthenium hexacyanide

ruthenium hexammine trichloride see hexammineruthenium

ruthenium II tris(2,2'-bipyridine) see tris(2,2'-bipyridine)ruthenium II

ruthenium oxide (106)(RuO4) see ruthenium tetraoxide

ruthenium tetraoxide
(RN) 20427-56-9
(RR) 33497-82-4 (103Ru-labeled cpd)
(RR) 33497-83-5 (106Ru-labeled cpd)
(RR) 51429-86-8 (tri-Na salt)
(RR) 11130-93-1 (di-Ba salt)
(RR) 60862-59-1 (di-Sr salt)
(RR) 36680-78-1 ((18)O-labeled cpd)
(RR) 58581-09-2 (104Ru-labeled cpd)
(SY) ruthenium-106 tetroxide
(SY) ruthenium oxide (106)(RuO4)
(SY) ruthenium-106 tetraoxide
(HM) *RUTHENIUM
(HM) *RADIOISOTOPES
(NO) RN given refers to unlabeled cpd with MF of Ru-O4

ruthenium-106 tetraoxide see ruthenium tetraoxide

ruthenium-106 tetroxide see ruthenium tetraoxide

ruthenium tris(4,7-diphenylphenanthroline) see tris(4,7-diphenyl-1,10-phenanthroline)ruthenium (II)

ruthenocene
(RN) 1287-13-4
(HM) *ORGANOMETALLIC COMPOUNDS
(HM) *RUTHENIUM
(NO) member of metallocene group; they contain two cyclopentadiene rings bound strongly to metal atom, in this case ruthenium

ruthenocenoyl-glycine see ruppuran

ruthenocenoylglycine see ruppuran

rutile see titanium dioxide

rutin-N-mustard
(HM) *NITROGEN MUSTARD COMPOUNDS
(HM) RUTIN/*analogs
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC

RU 11,679 see ethanoresmethrin

RU 15060 see tiaprofenic acid

RU-16117 see moxestrol

RU 16117 see moxestrol

RU 1881 see methyltrienolone

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Ru 20201
(RN) 58322-91-1
(RR) 68491-57-6
(di-HCl(4alpha,4abeta,9bbeta)-(+-)-isomer)
(SY) Ru-20201
(SY) azipranone
(HM) *BENZOFURANS
(PA) ANTITUSSIVE AGENTS
(NO) RN given refers to di-HCl(4alpha,4abeta,9bbeta)-isomer; RN for parent cpd not in Chemline 19/20/83; structure given in fourth source

Ru-20201 see Ru 20201

RU 21824 see pargolol

Ru-2267 see 17-allyltrenbolone

RU-23908 see RU 23908

RU 23908
(RN) 63612-50-0
(SY) 5,5-dimethyl-3-(4-nitro-3-(trifluoromethyl) phenyl)- 2,4-imidazolidinedione
(SY) RU-23908
(SY) anandron
(HM) *IMIDAZOLES
(PA) ANTIANDROGENS

RU24213 see RU 24213

RU-24213 see RU 24213

RU 24213
(RN) 67383-44-2
(SY) N-n-propyl-N-phenylethyl-p(3-hydroxyphenyl) ethylamine hydrochloride
(SY) RU24213
(SY) 3-(2-(N-phenylethyl)-N-((propyl)amino)ethyl) phenol. HCl
(SY) RU-24213
(SY) N-n-propyl-N-phenylethyl-4(3-hydroxyphenyl) ethylamine hydrochloride
(HM) *PHENETHYLAMINES
(NO) dopamine agonist

RU-24411 see RU 24411

RU 24411
(RN) 66878-01-1
(SY) 21-hydroxy-2,2-dimethyl-19-norpregn-4-ene-3,20-dione
(SY) RU-24411
(HM) *NORPREGNENES

RU 24722
(RN) 68779-67-9
(SY) RU-24722
(SY) vindeburnol
(HM) *VINCAMINE/analogs
(NO) eburnamine derivative; RN given refers to (3alpha,14beta)-(+) isomer; RN for cpd without isomeric designation not in Chemline 4/85; structure given in first source

RU-24722 see RU 24722

RU24926 see RU 24926

RU-24926 see RU 24926

RU 24926
(RN) 65934-61-4
(RR) 74515-04-1 (HCl)
(SY) (N-n-propyl-di-beta(3-hydroxyphenyl)ethylamine hydrochloride
(SY) RU24926
(SY) 3-(2-(N-(3-hydroxyphenylethyl)N-propylamino) ethyl)phenol
(SY) RU-24926
(HM) *PHENETHYLAMINES
(NO) RN given refers to parent cpd; NM refers to HCl; structure in first source

RU-24969 see RU 24969

RU 24969
(RN) 74163-68-1
(SY) 5-methoxy 3-(1,2,3,6-tetrahydro-4-pyridinyl)1H indole
(SY) RU-24969
(HM) *INDOLES
(NO) serotonin agonist

RU25055 see RU 25055

RU-25055 see RU 25055

RU 25055
(RN) 67983-56-6
(SY) 17-hydroxy-11-(2-thienyl)-19-norpregna-4,9-dien-20-yn-3-one
(SY) 11-thienyl-17-ethynyl-19-norandrosta-4,9-dien-17-ol-3-one
(SY) RU-25055
(SY) RU25055
(HM) *NORPREGNADIENES
(PA) GLUCOCORTICOIDS/antag
(NO) RN given refers to (11beta,17alpha)-isomer; RN for cpd without isomeric designation not in Chemline 9/85

RU 26988
(RN) 74915-58-5
(SY) RU-26988
(SY) 11,17-dihydroxy-17-(1-propynyl)-androsta-1,4,6-trien-3-one,(11beta,17beta)
(SY) 11,17-dihydroxy-17-pregnane-1,4,6-triene-20-yn-21-methyl-3-one
(HM) *ANDROSTANOLS

RU-26988 see RU 26988

RU 28318
(RN) 76676-34-1
(SY) RU-28318
(SY) 17 beta-hydroxy-3-oxo-7 alpha-propyl(17 alpha) pregn-4-ene-21-carboxylate potassium salt
(HM) SPIRONOLACTONE/*analogs
(PA) ALDOSTERONE ANTAGONISTS

RU-28318 see RU 28318

RU-2858 see moxestrol

RU-29717 see RU 29717

RU 29717
(RN) 85351-27-5
(SY) N-propyl-9-oxaergoline
(SY) RU-29717
(HM) *ERGOLINES
(NO) has dopaminergic properties

RU 31158 see triazulenone

RU 32007
(SY) RU-32007
(SY) 8-nitro-6-(2-chlorophenyl))-2,4-dihydro-2-(N-ethylpiperazin-1-yl)methylene-1H-imidazol(1,2-a) (1,4)benzodiazepine-1-one
(HM) *BENZODIAZEPINES
(NO) benzodiazepine agonist

RU-32007 see RU 32007

RU-38486 see RU 486

RU-38882 see RU 38882

RU 38882
(RN) 83646-86-0
(SY) 3 beta-acetoxy-6-ethyl,3a beta-methyl-1,2,3,3a, 4,5,8,9,9a,9b-decahydro-7H-benz(e)inden-7-one
(SY) RU-38882
(HM) *INDENES
(PA) ANDROGEN ANTAGONISTS

RU-41,740 see biostim

RU 41740 see biostim

RU 43-715 see proquazone

RU 486
(RN) 84371-65-3
(SY) RU-486
(SY) RU-38486
(SY) 11 beta-(4-dimethylaminophenyl)-17 beta-hydroxy- 17 alpha-(prop-1-ynyl)estra-4,9-dien-3-one
(SY) RU 486-6
(SY) RU-486-6
(SY) R38486
(SY) R 38486
(SY) R-38486
(HM) *ESTRENES
(PA) ABORTIFACIENT AGENTS, STEROIDAL
(PA) GLUCOCORTICOIDS/antag
(NO) progesterone antagonist with great affinity for progesterone receptors; interrupts early pregnancy & regulates menstrual cycle

RU-486 see RU 486

RU 486-6 see RU 486

RU-486-6 see RU 486

RU 5135 see 3 alpha-hydroxy-16-imino-17-aza-5 beta-androstan-11- one

RU-5135 see 3 alpha-hydroxy-16-imino-17-aza-5 beta-androstan-11- one

RU 7-23345
(RN) 58233-18-4
(RR) 58233-17-3 (Na salt(6R-trans)-isomer)
(SY) RU-7-23345
(HM) CEFOTAXIME/*analogs
(NO) RN given refers to (6R-trans)-isomer; RN for cpd without isomeric designation not in Chemline 11/21/83; structure given in first source

RU-7-23345 see RU 7-23345

RVV-X
(RN) EC 3.4.99.-
(SY) Russell's viper venom factor X activator
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) activates factor X

RX-RA 69
(RN) 77749-49-6
(SY) 8-benzylthio-4-morpholino-2-piperazinylpyrimido (5,4-d)pyrimidine
(HM) *PYRIMIDINES
(PA) 3',5'-CYCLIC AMP PHOSPHODIESTERASE/antag
(NO) structure given in first source

RX-RA-85 see RX-RA 85

RX-RA 85
(RN) 77749-81-6
(SY) 4-(1-oxidothiomorpholino)-8-phenethylthio-S-piperazinylpyrimido(5,4-d)pyrimidine
(SY) RX-RA-85
(HM) *PYRIMIDINES
(PA) PHOSPHODIESTERASE INHIBITORS

RX 336M
(RN) 6701-66-2
(RR) 6387-35-5
(HCl(4aR-(4aalpha,6abeta,10aR*,11alpha,12calpha))-isomer)
(RR) 67068-70-6
(maleate(4aR-(4aalpha,6abeta,10aR*,11alpha,12calpha))-isomer)
(SY) 7,8-dihydro-5',6'-dimethylcyclohex-5'-eno(1',2':8,14)codeinone
(HM) CODEINE/*analogs
(PA) NARCOTIC ANTAGONISTS
(PA) ANTIDEPRESSIVE AGENTS
(NO) RN given refers to (4aR-(4a alpha,6a beta,10aR*,11 alpha,12c alpha))-isomer; RN for cpd without isomeric designation not in Chemline 7/28/83; structure

RX 67408 see fenclofenac

RX 67668
(RN) 40709-76-0
(SY) RX-67668
(HM) *PYRROLIDINES
(PA) CHOLINESTERASE INHIBITORS

RX-67668 see RX 67668

RX 71107 see tolmesoxide

RX 72601
(RN) 51572-98-6
(SY) RX-72601
(HM) *PYRROLIDINES
(PA) CHOLINESTERASE INHIBITORS
(NO) structure

RX-72601 see RX 72601

RX 77171
(RN) 87135-05-5
(SY) RX-77171
(SY) 2-(3,4-dimethoxyphenylamino)imidazoline
(HM) CLONIDINE/*analogs
(NO) structure given in first source

RX-77171 see RX 77171

RX-77368 see RX 77368

RX 77368
(RN) 76820-40-1
(SY) RX77368
(SY) L-pyroglutamyl-L-histidyl-3,3-dimethylprolinamide
(SY) Pyr-His-Dmp-NH2
(SY) RX-77368
(HM) THYROTROPIN RELEASING HORMONE/*analogs

RX77368 see RX 77368

RX-781094 see RX 781094

RX 781094
(RN) 79944-58-4
(RR) 79944-56-2 (HCl)
(SY) 2-(2-(1,4-benzodioxanyl))-2-imidazoline
(SY) 2-(2,3-dihydro-1,4-benzodioxin-2-yl)-4,5-dihydro-1H-imidazole
(SY) RX-781094
(SY) imidazolin-2-yl-2-(1,4-benzodioxane)
(SY) IMBDX
(SY) idazoxan
(HM) *DIOXANES
(PA) ADRENERGIC ALPHA RECEPTOR BLOCKADERS
(NO) RN given refers to parent cpd

RX 783006 see enkephalin, Ala(2)-MePhe(4)-Gly-ol(5)-

RX783006 see enkephalin, Ala(2)-MePhe(4)-Gly-ol(5)-

RX-783006 see enkephalin, Ala(2)-MePhe(4)-Gly-ol(5)-

RX-783030 see RX 783030

RX 783030
(RN) 72080-55-8
(SY) enkephalin, Ala(2)-N-(2-(dimethylamino)ethyl)-N(alpha)-methyl-N-oxy-PheNH(4)-
(SY) enkephalin, 2-alanyl-N-(2-(dimethylamino)ethyl)-N(alpha)-methyl-N-oxy-4-phenylalaninamide
(SY) RX-783030
(HM) *ENKEPHALINS
(NO) stabilized enkephalin analog

RX 801074
(RN) 87135-04-4
(SY) RX-801074
(SY) 2-(6-(1,4-benzodioxanyl)amino)imidazoline maleate
(HM) CLONIDINE/*analogs

RX-801074 see RX 801074

ryanodine receptor see calcium-ryanodine receptor complex

ryanodine receptors see calcium-ryanodine receptor complex

Rye I antigen
(HM) *POLLEN
(II) RYE
(NO) major allergen of rye grass pollen; MW 27,000

ryodipine
(RN) 71653-63-9
(SY) PP-1466
(HM) NIFEDIPINE/*analogs
(PA) ANTIHYPERTENSIVE AGENTS
(NO) structure given in first source

ryosidine
(RN) 89964-00-1
(HM) *CALCIUM CHANNEL BLOCKERS
(NO) no other info available 5/84

Rythmatin see meobentine

Rytmonorm see propafenone

R 11,333 see bromoperidol

R 14950 see flunarizine

R15454 see isoconazole

R 15889 see lorcainide

R15889 see lorcainide

R17934 see nocodazole

R 17934 see nocodazole

R 18 503
(RN) 27088-35-3
(SY) R 18503
(SY) alpha-(4-chlorophenyl)-beta-dimethylimidazole-1-ethanol
(HM) *IMIDAZOLES
(PA) NARCOTIC ANTAGONISTS

R 18503 see R 18 503

R 1881 see methyltrienolone

R 20458 see ethylphenylepoxygeranyl ether

R-20458 see ethylphenylepoxygeranyl ether

R2200 see polycarbonate

R-225 see sudan III

R 23979 see imazalil

R-24571 see R 24571

R 24571
(RN) 57265-65-3
(SY) 1-(bis(chlorophenyl)methyl)-3-(2,4-dichloro-beta-(2,4-dichlorobenzyloxy)phenethyl) imidazolinium chloride
(SY) calmidazolium
(SY) R-24571
(HM) *IMIDAZOLES
(PA) ENZYME INHIBITORS
(PA) CALMODULIN/antag
(NO) powerful inhibitor of or red blood cell Ca++-ATPase & Ca++ transport into inside-out red blood cell vesicles; RN given refers to chloride; RN for parent cpd not in Chemline 7/28/83; structure given in first source

R-2581 see carnidazole

R 25831 see carnidazole

R 2858 see moxestrol

R 28644 see azaconazole

R 28935
(RN) 55806-43-4
(RR) 53786-67-7 ((R*,R*)-isomer)
(SY) R-28935
(SY) R 29814
(SY) R-29814
(HM) *BENZIMIDAZOLES
(HM) *DIOXANES
(PA) ANTIHYPERTENSIVE AGENTS
(NO) RN given refers to (R*,S*)-isomer; RN for cpd without isomeric designation not in Chemline 7/28/83; structure

R-28935 see R 28935

R 2956 see R-2956

R-2956
(RN) 42438-88-0
(RR) 23983-19-9 ((17beta)-isomer)
(SY) 17 beta-hydroxy-2 alpha,2 beta,17 alpha-trimethyl-8 alpha-estra-4,9,11-trien-3-one
(SY) R 2956
(HM) *ESTRENES
(PA) ANDROGEN ANTAGONISTS
(NO) RN given refers to (8 alpha,17 beta)-isomer; RN for cpd without isomeric designation not in Chemline 7/28/83; structure

R 29,764 see clopimozide

R-29814 see R 28935

R 29814 see R 28935

R 30730 see sulfentanil

R 3345 see pipamperone

R 33799 see carfentanil

R33956
(RN) 87495-26-9
(HM) *CALCIUM CHANNEL BLOCKERS
(NO) no other information available 4/5/83

R 34301 see halopemide

R 34995 see lofentanil

R35443 see oxatimide

R 35443 see oxatimide

R38486 see RU 486

R-38486 see RU 486

R 38486 see RU 486

R 39209 see alfentanyl

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R 39 519 see R 39519

R-39519 see R 39519

R 39519
(RN) 67914-61-8
(SY) cis-1-(4-(2-(2,4-dichlorophenyl)-2(1H-imidazol-1-ylmethyl)-1,3-dioxolan-4-ylmethoxy)phenyl) piperazine
(SY) R 39 519
(SY) R-39519
(SY) deacetylated ketoconazole
(HM) KETOCONAZOLE/*analogs
(PA) ANTIFUNGAL AGENTS
(NO) RN given refers to cis-isomer; RN for cpd without isomeric designation not Chemline 8/83

R 41468 see ketanserin

R 41 468 see ketanserin

R 42470 see terconazole

R-43-512 see astemizole

R 43 512 see astemizole

R-44-271 see desmethylastemizole

R 44 271 see desmethylastemizole

R 46,742
(RN) 76330-73-9
(SY) R-46742
(SY) reduced ketanserin
(SY) 3-(2-(4-((4-fluorophenyl)hydroxymethyl)-1-piperidinyl)ethyl)-2,4-(1H,3H)quinazolinedione
(SY) ketanserinol
(HM) *PIPERIDINES
(NO) major ketanserin metabolite; structure given in first source

R-46742 see R 46,742

R-46,846 see tubulazole

R 46846 see tubulazole

R 4714 see oxiperomide

R-47456 see pirenperone

R 47456 see pirenperone

R 50656 see pirenperone

R-50656 see pirenperone

R-51211 see itraconazole

R 51211 see itraconazole

R 5135 see 3 alpha-hydroxy-16-imino-17-aza-5 beta-androstan-11- one

R-51469 see mioflazine

R 51 469 see mioflazine

R 51469 see mioflazine

R-51619 see R 51619

R 51619
(RN) 81098-60-4
(SY) 4-amino-5-chloro-N-(1-(3-(4-fluorophenoxy) propyl)-3-methoxy-4-piperidinyl)-2- methoxybenzamide monohydrate
(SY) R-51619
(SY) cisapride
(HM) *PIPERIDINES
(NO) reported to release endogenous acetylcholine & stimulated gastrointestinal motility

R-52 see mannosulfan

R-55667 see ritanserin

R 55667 see ritanserin

R-56413 see R 56413

R 56413
(SY) 3-(2-(4-(bis(4-fluorophenyl)methylene)-1-piperidinyl)ethyl)-1-methyl-4H-pyridol(1,2-a)-pyridimine-4-one dihydrochloride
(SY) R-56413
(HM) *PIPERIDINES
(PA) HISTAMINE H2 RECEPTOR BLOCKADERS
(NO) MW=471.55+72.92; MF=C29-H27-F2-N3-O. 2HCL; structure given in first source

R 59274
(RN) 71806-48-9
(SY) R-59274
(HM) *PROSTAGLANDINS X
(II) PROSTAGLANDINS, SYNTHETIC
(NO) RN given refers to Na salt; RN for parent cpd not in Chemline 11/83; structure in first source

R-59274 see R 59274

R6998 see 2-nitro-8-methoxynaphtho(2,1-b)furan

R 6998 see 2-nitro-8-methoxynaphtho(2,1-b)furan

R 7000 see R7000

R7000
(RN) 75965-74-1
(SY) 2-nitro-7-methoxynaphtho(2-1b)furan
(SY) R 7000
(SY) 7-methoxy-2-nitronaphtho(2,1-b)furan
(HM) *NITROFURANS
(PA) MUTAGENS
(PA) ANTINEOPLASTIC AGENTS
(PA) CARCINOGENS
(NO) structure given in first source

R-74 see dimesylerythritol

R-75-1 see rifamycin SV

R 761
(RN) 57184-22-2
(SY) R-761
(SY) 3-(1-isobutyl-1-piperazinyl)rifamycin SV
(SY) rifandin
(HM) *RIFAMYCINS
(PA) LEPROSTATIC AGENTS

R-761 see R 761

R 802 see flumequine

R-802 see flumequine

R-803 see enprofen

R 805 see R-805

R-805
(RN) 51803-78-2
(SY) 4-nitro-2-phenoxymethanesulfonanilide
(SY) nimesulide
(SY) R 805
(HM) *SULFONAMIDES
(PA) ANTI-INFLAMMATORY AGENTS
(NO) structure

R-807 see diflumidone

R-81001 see N-(4-aminosulfonylphenyl)retinamide

R-82 see rifazone-82

R 8231
(RN) 50648-52-7
(SY) R-8231
(HM) *BROMOBENZENES
(PA) ADENOSINE TRIPHOSPHATASE/antag
(NO) RN given refers to oxalate; RN for parent cpd not in Chemline 7/28/83

R-8231 see R 8231

R 830
(RN) 69425-13-4
(SY) R-830
(SY) 2,6-di-tert-butyl-4-(2'-thenoyl)phenol
(HM) BUTYLATED HYDROXYTOLUENE/*analogs
(PA) ANTI-INFLAMMATORY AGENTS
(II) ANTIOXIDANTS
(NO) structure given in first source

R-830 see R 830

SAAPPNA see
succinyl-alanyl-alanyl-prolyl-phenylalanine-4- nitroanilide

SAAPVC see succinyl-alanyl-alanyl-prolyl-valine chloromethyl ketone

SABA see
3-(2-(4-azidobenzamidino)ethyl)-5-hydroxyindole

saccharocin
(RN) 86630-31-1
(SY) 4"-deamino-4"-hydroxyapramycin
(SY) KA 5685
(SY) KA-5685
(HM) *NEBRAMYCIN/analogs
(NO) structure given in first source

saccharolactone
(RN) 5027-63-4
(RR) 389-36-6 ((D)-isomer)
(RR) 27799-27-5 (mono-Na salt(D)-isomer)
(RR) 941-73-1 (mono-Ca salt(D)-isomer)
(SY) D-glucaro-1,4-lactone
(SY) 1,4-glucarolactone
(SY) 1,4-D-glucarolactone
(HM) *GLUCARIC ACID/analogs
(NO) used as index for assessing induction of hepatic enzymes by anticonvulsants; RN given refers to cpd without isomeric designation

saccharopine
(RN) 997-68-2
(SY) epsilon-N-(L-glutar-2-yl)-L-lysine
(HM) LYSINE/*analogs
(NO) lysine precursor in the aminoadipic acid-lysine pathway in yeast; minor descriptor (75-85); on-line & Index Medicus search LYSINE/AA (75-85); RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 6/85

saccharopine dehydrogenase (NAD+, L-glutamate-forming)
(RN) EC 1.5.1.9
(HM) *SACCHAROPINE DEHYDROGENASES

saccharopine dehydrogenase (NADP, L-glutamate-forming)
(RN) EC 1.5.1.10
(SY) saccharopine reductase
(HM) *SACCHAROPINE DEHYDROGENASES

saccharopine dehydrogenase (NADP+, lysine-forming)
(RN) EC 1.5.1.8
(RR) 9031-19-0 (CRN)
(SY) lysine-2-oxoglutarate reductase (NADP+)
(SY) lysine-ketoglutarate reductase (NADP+)
(HM) *SACCHAROPINE DEHYDROGENASES

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saccharopine reductase see saccharopine dehydrogenase (NADP, L-glutamate-forming)

SaCGI restriction endonuclease see endodeoxyribonuclease SalI

SACHO see streptococcal group A cell wall carbohydrate

SacI endonuclease see endodeoxyribonuclease SacI

SacII endonuclease see endodeoxyribonuclease SacII

Sacks II solution see Sack's solution

Sack's solution
(SY) Sacks II solution
(HM) *HYPERTONIC SOLUTIONS
(NO) used for organ preservation; contains 430mOsm./L.; other components listed in Urology 1980;15(5):480

SA copolymer see polystyrene polyamine copolymer

saddamine
(RN) 886-08-8
(SY) N-(o-hydroxyphenylmethylidine)benzylamine
(SY) salicylidene benzylamine
(SY) alpha-benzylimino-o-cresol
(SY) norletimol
(SY) N-(2-hydroxyphenylmethylidine)benzylamine
(HM) *SCHIFF BASES
(NO) structure

SADG see stearoylarachidonylglycerol

SADP see 3-((4-azidophenyl)dithio)propionic N-hydroxysuccinimide

safargam
(RN) 66772-70-1
(SY) safargam 67
(HM) *DENTAL AMALGAM

safargam 67 see safargam

SAF-protein see scrapie associated fibril-protein

safracin A
(RN) 87578-98-1
(HM) ISOQUINOLINES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) from Pseudomonas sp.; RN from CA; structure given in second source

safracin B
(RN) 87578-99-2
(HM) ISOQUINOLINES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) from Pseudomonas sp.; RN from CA; structure given in second source

saframycin A
(RN) 66082-27-7
(SY) 21-cyanosaframycin B
(HM) ISOQUINOLINES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(PA) ANTIBIOTICS
(NO) structure given in first source

saframycin C
(RN) 66082-29-9
(HM) ISOQUINOLINES
(PA) ANTIBIOTICS
(PA) ANTIBIOTICS, ANTINEOPLASTIC

saframycin R
(RN) 85411-35-4
(HM) ISOQUINOLINES
(PA) ANTIBIOTICS
(NO) from Streptomyces lavendulae; MF C31-H34-N4-O10

saframycin S
(RN) 75425-66-0
(HM) ISOQUINOLINES
(PA) ANTIBIOTICS
(NO) structure in 1st source

saframycin Yd-1
(SY) saframycin-Yd1
(HM) ISOQUINOLINES
(PA) ANTIBIOTICS
(NO) antitumor antibiotic produced by Streptomyces lavendulae; structure given in first source

saframycin-Yd1 see saframycin Yd-1

saframycin Yd-2
(SY) saframycin-Yd2
(HM) ISOQUINOLINES
(PA) ANTIBIOTICS
(NO) antitumor antibiotic produced by Streptomyces lavendulae; structure given in first source

saframycin-Yd2 see saframycin Yd-2

saframycin Y3
(SY) saframycin-Y3
(HM) ISOQUINOLINES
(PA) ANTIBIOTICS
(NO) antitumor antibiotic produced by Streptomyces lavendulae; structure given in first source

saframycin-Y3 see saframycin Y3

safran
(RN) 89899-18-3
(HM) *DYES
(II) STAINS AND STAINING
(NO) component of hematoxylin-eosin-safran stain

safranin see safranine T

safranine see safranine T

Safranine O see safranine T

safranine T
(RN) 477-73-6
(SY) Safranine O
(SY) safranine
(SY) safranin
(HM) *PHENAZINES
(II) DYES
(II) STAINS AND STAINING
(II) INDICATORS AND REAGENTS

safrazine
(RN) 33419-68-0
(RR) 27849-94-1 (HCl)
(SY) beta-piperonylisopropylhydrazine
(HM) *DIOXOLES
(PA) MONOAMINE OXIDASE INHIBITORS
(NO) RN given refers to parent cpd; structure

sagamicin see micronomicin

SAGP see streptococcal acid glycoprotein

SAH hydrolase see adenosylhomocysteinase

SaH 42-348 see lifibrate

SaH-43 522 see SaH 43-522

SaH 43 522 see SaH 43-522

SaH 43-522
(RN) 36298-19-8
(RR) 30598-34-6 (mono-HCl)
(RR) 19650-76-1 (mononitrate)
(SY) 3-phenylpropanolaminoguanidine HCl
(SY) SaH 43 522
(SY) SaH-43 522
(HM) *GUANIDINES
(NO) glucose absorption inhibitor; RN given refers to parent cpd; SaH 43-522 refers to mono-HCl

saiboku-to
(SY) saibokuto
(HM) *PLANT EXTRACTS
(PA) IMMUNOSUPPRESSIVE AGENTS
(PA) HISTAMINE H1 RECEPTOR BLOCKADERS
(NO) traditional Chinese Medicine

saibokuto see saiboku-to

SAICAR
(RN) 3031-95-6
(RR) 20268-83-1 ((D)-isomer)
(SY) N-(5-amino-1-beta-D-ribofuranosylimidazole-4-carbonyl)-L-aspartic acid 5'-phosphate
(SY) 5-amino-4-imidazole-N-succinocarboxamide ribonucleotide
(HM) *RIBONUCLEOTIDES
(HM) *AMINOIMIDAZOLE CARBOXAMIDE/analogs
(NO) RN given refers to parent cpd; structure

SAICAR synthetase see phosphoribosylaminoimidazole-succinocarboxamide synthetase

SAICR see succinylaminoimidazole carboxamide riboside

saiko-keishi-to
(RN) 63364-01-2
(HM) *PLANT EXTRACTS
(NO) mixture of nine herbal extracts

saikosaponin
(RN) 20874-52-6
(RR) 58558-09-1 (saikosaponin B4)
(RR) 58558-08-0 (saikosaponin B1)
(RR) 58316-42-0 (saikosaponin B3)
(RR) 58316-41-9 (saikosaponin B2)
(RR) 52441-38-0 (saikosaponin B)
(RR) 20736-09-8 (saikosaponin A)
(RR) 20736-08-7 (saikosaponin C)
(SY) saikosaponins
(SY) saikosaponin D
(HM) *SAPOGENINS
(PA) ANALGESICS, ANTI-INFLAMMATORY
(NO) RN given refers to saikosaponin D; structure for saikosaponins A,B1,B2,B3,B4,C,D,F given in first source

saikosaponin D see saikosaponin

saikosaponins see saikosaponin

SAKAP see acrylic acid-allyl pentaerythritol copolymer

sakyomicin A
(RN) 86413-75-4
(HM) QUINONES
(PA) ANTIBIOTICS
(NO) from strain of Nocardia; structure given in first source

sakyomicin B
(RN) 86470-27-1
(HM) QUINONES
(PA) ANTIBIOTICS
(NO) from strain of Nocardia; structure given in first source

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sakyomicin C
(HM) QUINONES
(PA) ANTIBIOTICS
(NO) from strain of Nocardia; structure given in first source

sakyomicin D
(HM) QUINONES
(PA) ANTIBIOTICS
(NO) from strain of Nocardia; structure given in first source

salazodin
(RN) 22933-72-8
(SY) 5-(p-(6-methoxy-3-pyridazinylsulfamoyl)-phenylazo)- salicylic acid
(SY) salazopyridazine
(HM) SALICYLAZOSULFAPYRIDINE/*analogs
(NO) structure

salazopyridazine see salazodin

salazopyrine
(RN) 31363-03-8
(HM) *SALICYLAZOSULFAPYRIDINE
(HM) GLUCOSAMINE/*analogs
(HM) DRUG COMBINATIONS
(NO) contains salicylazosulfapyridine & N-methyl-D-glucosamine; used in drug therapy or Crohn's disease

SalGI endonuclease see endodeoxyribonuclease SalGI

salicin
(RN) 138-52-3
(SY) salicyl alcohol glucoside
(HM) *BENZYL ALCOHOLS
(NO) structure

salicyl alcohol
(RN) 90-01-7
(RR) 27175-63-9 ((ar)-isomer)
(RR) 40599-32-4 (mono-Na salt)
(RR) 55525-55-8 (di-Na salt)
(SY) saligenin
(SY) 2-monomethylolphenol
(HM) *BENZYL ALCOHOLS
(NO) RN given refers to parent cpd; structure

salicyl alcohol glucoside see salicin

salicylaldehyde
(RN) 90-02-8
(HM) *ALDEHYDES
(NO) RN in Chemline for tin chloride: 40958-40-5

(salicylaldehydebenzoylhydrazonato) copper(II)
(RN) 83614-45-3
(SY) SBH-Cu
(SY) (salicylaldehydebenzoylhydrazonato)Cu(II) monochloride monohydrate
(HM) *ORGANOMETALLIC COMPOUNDS
(PA) ANTINEOPLASTIC AGENTS
(NO) structure given in first source

(salicylaldehydebenzoylhydrazonato)Cu(II) monochloride monohydrate see (salicylaldehydebenzoylhydrazonato)copper(II)

salicylaldoxime
(RN) 94-67-7
(RR) 21013-96-7 ((E)-isomer)
(HM) *OXIMES
(NO) reagent for copper & nickel; RN given refers to cpd without specified stereochemistry; structure

salicylamide
(RN) 65-45-2
(RR) 71104-90-0 (3H-labeled cpd)
(RR) 59962-17-3 (Ca[2:1] salt)
(RR) 36205-82-0 (mono-Na salt)
(RR) 4310-55-8 (sulfate)
(HM) *SALICYLAMIDES
(NO) RN given refers to parent cpd

salicylanilide
(RN) 87-17-2
(RR) 2593-10-4 (Na salt)
(RR) 5789-39-9 (Zn salt)
(HM) *SALICYLANILIDES
(NO) RN given refers to parent cpd

salicylate see salicylic acid

salicylate hydroxylase see salicylate 1-monooxygenase

salicylate 1-monooxygenase
(RN) EC 1.14.13.1
(SY) salicylate hydroxylase
(HM) *HYDROXYLASES

salicylazobenzoic acid
(RN) 64896-26-0
(SY) HB 313
(HM) *SALICYLIC ACIDS
(NO) used in therapy of ulcerative colitis

salicylglycine see salicylurate

salicylhydroxamate see salicylhydroxamic acid

salicylhydroxamic acid
(RN) 89-73-6
(SY) SHAM
(SY) salicylhydroxamate
(HM) *SALICYLAMIDES
(PA) ANTIFUNGAL AGENTS
(PA) TRYPANOCIDAL AGENTS
(PA) ANTIPROTOZOAL AGENTS
(NO) structure

salicylic acid
(RN) 69-72-7
(SY) salicylate
(SY) magnesium salicylate
(HM) *SALICYLIC ACIDS

salicylic acid ethyl ester see ethyl salicylate

salicylidene benzylamine see saddamine

1-salicylidene-5-(2-pyridylmethylidene) isothiocarbonohydrazide-mercury (II) complex
(SY) Hg(II)-PST complex
(HM) *MERCURY
(HM) *PYRIDINES
(II) INDICATORS AND REAGENTS
(NO) for determination of mercury in pharmaceutical preparations; structure given in first source

N-salicylo-(2,6-dichloro-4-aminophenol) see SD 170

salicyl salicylate see salicylsalicylic acid

salicylsalicylic acid
(RN) 552-94-3
(SY) salsalate
(SY) salicyl salicylate
(SY) disalicylic acid
(SY) disalcid
(HM) *SALICYLIC ACIDS
(NO) structure

salicylurate
(RN) 487-54-7
(RR) 6754-88-7 (mono-Na salt)
(SY) o-hydroxyhippuric acid
(SY) salicylglycine
(SY) salicyluric acid
(SY) o-hydroxybenzoylglycine
(SY) 2-hydroxybenzoylglycine
(HM) *HIPPURATES
(NO) RN given refers to parent cpd

salicyluric acid see salicylurate

SalI endonuclease see endodeoxyribonuclease SalI

salifungin
(RN) 3679-64-9
(SY) 5-bromosalicyl-4'-chloranilide
(SY) 5-bromo-4'-chlorosalicylanilide
(HM) *SALICYLANILIDES
(PA) ANTIFUNGAL AGENTS

saligenin see salicyl alcohol

salinomycin
(RN) 53003-10-4
(RR) 55721-31-8 (mono-Na salt)
(SY) coxistac
(SY) K 364
(HM) PYRANS
(PA) COCCIDIOSTATS
(PA) ANTIBIOTICS
(II) IONOPHORES
(NO) from Streptomyces albus; RN given refers to parent cpd; structure

saliva-interacting cell wall protein (Streptococcus)
(SY) saliva receptor
(SY) receptor, saliva
(SY) saliva receptors
(HM) *BACTERIAL PROTEINS
(II) GLYCOPROTEINS
(II) SALIVA
(NO) MW 74,000; recognized by monoclonal antibody LO SM2; purified by monoclonal-antibody immunoaffinity chromatography

saliva receptor see saliva-interacting cell wall protein (Streptococcus)

saliva receptors see saliva-interacting cell wall protein (Streptococcus)

salivary gland acidic protein
(SY) acid protein (submandibular gland)
(SY) cystatin S, human
(HM) *SALIVARY PROTEINS
(PA) PROTEASE INHIBITORS
(NO) acid protein from armadillo submandibular gland

salivary peptide P-E see proline-rich polypeptide

salivary proline-rich proteins see proline-rich polypeptide

salivary protein A see proline-rich polypeptide

salivary protein C see proline-rich polypeptide

salivary protein 1B-6 see proline-rich polypeptide

salivary protein 1B-9 see proline-rich polypeptide

salmon calcitonin
(RN) 47931-85-1
(SY) calcimar
(SY) salmon calcitonin (1-32)
(HM) *CALCITONIN

salmon calcitonin (1-32) see salmon calcitonin

Salmonella phage P22 gene 8 product scaffolding protein see gene proteins, viral

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Salmonella saintpaul toxin see salmonella toxin

salmonella toxin
(SY) Salmonella saintpaul toxin
(HM) *BACTERIAL TOXINS
(HM) *ENTEROTOXINS
(II) SALMONELLA
(NO) causes gastroenteritis & enteric fever

Salmonella typhimurium mitogen
(SY) ST mitogen
(HM) *BACTERIAL PROTEINS
(PA) MITOGENS
(II) SALMONELLA TYPHIMURIUM
(NO) soluble protein from cell wall of S typhimurium; mitogen for murine B lymphocytes

salmon GnRH see LH-FSH releasing hormone, salmon

salmon gonadotropin
(SY) SG-G100
(SY) carbohydrate-rich salmon gonadotropin
(HM) *GONADOTROPINS

salmon LHRH see LH-FSH releasing hormone, salmon

salmozan
(RN) 77430-90-1
(HM) *POLYSACCHARIDES, BACTERIAL
(II) ENDOTOXINS
(NO) polysaccharide isolated from the somatic O-antigen of Salmonella

salol
(RN) 118-55-8
(SY) phenyl salicylate
(HM) *SALICYLATES
(II) DERMATOLOGIC AGENTS

salsalate see salicylsalicylic acid

salsolinol
(RN) 525-72-4
(RR) 27740-96-1 ((S)-isomer)
(RR) 78579-88-1 ((+-)-isomer)
(SY) salsolinol HBr
(HM) *ISOQUINOLINES
(NO) RN given refers to cpd without isomeric designation; EP to SALSOLINE ALKALOIDS (78-82); on-line search SALSOLINE ALKALOIDS (78-82); Index Medicus search ISOQUINOLINES (78-82)

salsolinol HBr see salsolinol

saltpeter see potassium nitrate

saltpetre see potassium nitrate

salt-poor albumin see hyperoncotic albumin

saludopin
(RN) 86290-93-9
(SY) BS 362
(SY) BS-362
(HM) *METHYLDOPA
(HM) HYDROCHLOROTHIAZIDE/*analogs
(HM) DRUG COMBINATIONS
(NO) combination of methyldopa & butizide used in hypertension therapy

salvia miltiorrhizae
(SY) ISMH
(SY) Injectio salvia miltiorrhizae
(HM) *PLANT EXTRACTS
(II) PLANTS, MEDICINAL
(II) PLATELET AGGREGATION/drug eff
(NO) Chinese herb; inhibits platelet aggregation & serotonin release

salvin
(RN) 3650-09-7
(HM) *PHENANTHRENES
(HM) *PLANT EXTRACTS
(PA) ANTI-INFECTIVE AGENTS, LOCAL
(II) PLANTS, MEDICINAL
(NO) from sage

Salvizol see bisdequalinium

SAMABIG see
6-O-stearoyl-N-acetylmuramyl-alpha-aminobutyryl-isoglutamine

samarium-57 citrate see citric acid

SAMase see adenosylmethionine hydrolase

Samorin see isometamidium chloride

SAMT-OMe see succinyl cyclic AMP-tyrosine methyl ester

SAN AA 28-263
(RN) 69670-81-1
(SY) AA 28-263
(HM) *DIBENZOTHIEPINS
(PA) ANTICHOLINERGIC AGENTS
(NO) structure given in first source

San-Chi
(HM) *PLANT EXTRACTS
(NO) rhizoma of Panax notoginseng (Burk,) F.H. Chen.; used in China for treatment of angina pectoris; beta-sitosterol, daucosterol, a glycoside of quercitin, (glucose, xylose & glucuronic acid present in sugar moiety) sucrose & six saponins (sanchiosides C1, C3, D1, D2, E1, E2) were isolated from root hairs of the plant; see also record for sanchinoside C1

sanchinoside C1
(RN) 22427-39-0
(SY) sanchinoside C(1)
(SY) ginsenoside Rg1
(HM) *SAPONINS
(II) PLANT EXTRACTS
(NO) main constituent of San-Chi & ginseng; see also record for San-Chi

sanchinoside C(1) see sanchinoside C1

sanchinoside E1 see ginsenoside Rb1

sandoglobulin
(SY) IG-SRK
(HM) *IGG
(NO) obtained from plasma; consists of more than 85% of monomeric (7S) IgG, a few % of dimeric, polymeric or fragmented IgG & traces of IgA & IgM

Sandopart see deaminooxytocin

sandoven
(RN) 61498-93-9
(SY) Venacorn
(HM) *RUTIN
(HM) *DIHYDROERGOCRISTINE
(HM) *ESCULIN
(HM) DRUG COMBINATIONS
(II) DERMATOLOGIC AGENTS
(NO) contains dihydroergocrystine mesylate, esculoside, & rutoside

Sandoz compound 58-112 see SAN 58112

Sandoz L1 32-468 see SAN 32-468

Sandoz-201-456 see San 201-456

Sandoz-202-791 see SAN 202791

Sandoz-21-009 see
4-(2-hydroxy-3-tert-butylaminopropoxy)-2-methylindole

Sandoz-52-522 see SAN 52522

Sandoz 58-035 see SAN 58035

Sandoz 58035 see SAN 58035

Sandoz 58112 see SAN 58112

Sandoz 6706 see SAN 6706

Sandoz 9785 see SAN 9785

Sanegit see guanazodine

Sanegyt see guanazodine

sangivamycin
(RN) 18417-89-5
(RR) 21090-35-7 (mono-HCl)
(SY) 4-amino-5-carboxamido-7-(D-ribofuranosyl)-pyrrolo-(2,3-d)pyrimidine
(SY) NSC 65346
(HM) PYRIMIDINE NUCLEOSIDES
(PA) ANTIBIOTICS
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) RN given refers to parent cpd

sanguinaria see sanguinarine

sanguinarine
(RN) 2447-54-3
(RR) 24332-60-3 (sulfate [2:1])
(RR) 22331-93-7 (sulfate [1:1])
(RR) 5578-73-4 (chloride)
(RR) 4752-86-7 (nitrate)
(RR) 117-00-0 (hydroxide)
(SY) pseudochelerythrine
(SY) sanguiritrin
(SY) sanguinarin
(SY) sangvinarin
(HM) *ALKALOIDS
(PA) ANTI INFECTIVE AGENTS
(PA) ANTIBIOTICS, ANTIFUNGAL
(PA) CARDIOTONIC AGENTS
(NO) bactericidal produces glaucoma in laboratory animals; from Argemonemexicana L; RN given refers to parent cpd; structure

sanguiritria see sanguinarine

sangvinaria see sanguinarine

san-huang-hsieh-hsin-tang
(SY) SHHT
(HM) *PLANT EXTRACTS
(PA) ANTIHYPERTENSIVE AGENTS
(II) PLANTS, MEDICINAL
(NO) mixture of powders of Rheum officinale, Coptis teeta and Scutellaria baicalensis

6-SANH see
N-succinimidyl-6-(4'-azido-2'-nitrophenylamino) hexanoate

SANOCHRYSINE see gold sodium thiosulfate

sanocrisine see gold sodium thiosulfate

Sanox
(HM) *BROMISOVALUM
(HM) DRUG COMBINATIONS
(HM) *PLANT EXTRACTS
(II) VALERIAN
(NO) combination of bromisovalum and valerian

Santalid see uredofos

santalol
(RN) 11031-45-1
(HM) *SESQUITERPENES
(II) PLANTS, MEDICINAL
(NO) combination of alpha and beta isomers

SAN 197 see etrimfos

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San 201-456
(RN) 79486-60-5
(SY) Sandoz-201-456
(SY) H-Cys(2)-Phe(3)-Trp(4)-Lys(5)-Thr(6)-Cys(7)-NH2-cyclic (2-7) disulfide
(HM) SOMATOSTATIN/*analogs
(NO) cyclic hexapeptide somatostatin analog; RN given refers to D-Phe-L-Cys-L-Phe-D-Trp-L-Lys-L-Thr-isomer in Chemline; RN for cpd without isomeric designation not in Chemline 10/85; structure given in first source

SAN 201-995 see SMS 201 995

SAN 202791
(SY) Sandoz-202-791
(HM) *PYRIDINES
(PA) CALCIUM CHANNEL BLOCKERS
(II) STEREOISOMERS
(NO) (-) & (+) stereoisomers have opposite effects as calcium channel antagonist & agonist respectively; structure given in first source

SAN 21009 see 4-(2-hydroxy-3-tert-butylaminopropoxy)-2-methylindole

SAN-32-468 see SAN 32-468

SAN 32-468
(RN) 81840-58-6
(SY) Sandoz L1 32-468
(SY) SAN-32-468
(HM) *PROPANOLAMINES
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS

SAN 52522
(RN) 60986-58-5
(SY) Sandoz-52-522
(SY) 3-(alpha-iminobenzyl)-4-hydroxy-6-phenyl-1-methyl-2(1H)-pyridinone
(HM) *PYRIDONES
(PA) TRANQUILIZING AGENTS, MINOR

SAN-58035 see SAN 58035

SAN 58035
(RN) 78934-83-5
(SY) compound-58-035
(SY) 3-(decyldimethylsilyl)-N-(2-(4-methylphenyl)-1-phenylethyl)propanamide
(SY) Sandoz 58035
(SY) SAN-58035
(SY) Sandoz 58-035
(HM) *AMIDES
(PA) CHOLESTEROL ACYLTRANSFERASE/antag

SAN-58112 see SAN 58112

SAN 58112
(RN) 72821-05-7
(SY) Sandoz 58112
(SY) SAN-58112
(SY) Sandoz compound 58-112
(SY) 4-((3-methoxyphenyl)methyl)-2,2,6,6-tetramethyl-1-oxa-4-aza-2,6-disilacyclohexane
(HM) *BENZYL COMPOUNDS
(HM) *SILICON
(PA) MUSCLE RELAXANTS, CENTRAL
(NO) structure given in first source

SAN 6706
(RN) 23576-23-0
(SY) SAN-6706
(SY) SAN 6706-3197
(SY) Sandoz 6706
(HM) *PYRIDAZINES
(PA) HERBICIDES
(NO) structure

SAN-6706 see SAN 6706

SAN 6706-3197 see SAN 6706

SAN 85-190
(SY) SAN-85-190
(SY) 85-190
(HM) *NAPHTHALENES
(PA) ANTIFUNGAL AGENTS
(PA) OXYGENASES/antag
(NO) synthetic antifungal agent inhibiting fungal squalene epoxidase; structure given in first source

SAN-85-190 see SAN 85-190

SAN-9785 see SAN 9785

SAN 9785
(RN) 3707-98-0
(SY) Sandoz 9785
(SY) BASF 13-338
(SY) SAN-9785
(HM) *PYRIDAZINES
(PA) HERBICIDES

SAN 9789 see norflurazone

SAPC-15 see myeloma immunoglobulins

saphenamycin
(RN) 83198-27-0
(HM) PHENAZINES
(PA) ANTIBIOTICS
(NO) from Streptomyces canarius; structure given in first source

saporin
(HM) *PLANT PROTEINS
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(NO) isolated from Saponaria officinalis

sappanchalcone
(RN) 94344-54-4
(HM) *CHALCONE/analogs
(NO) RN given from Toxline; RN not in Chemline 3/85; structure given in first source

saprol see triforine

SAP-TI see suppressor active peptide (thermal injury)

SAP-1 see ganglioside hydrolysis activator proteins

SAP-2 see ganglioside hydrolysis activator proteins

1-Sar-7-Ala-angiotensin I see angiotensin I, 1-Sar-7-Ala-

saramycetin
(RN) 11130-70-4
(SY) X-5079C
(HM) PEPTIDES
(PA) ANTIBIOTICS, ANTIFUNGAL
(NO) polypeptide antifungal antibiotic produced by a species of Streptomyces

Saran
(RN) 9011-06-7
(RR) 9010-76-8 (Saran F)
(RR) 8013-77-2 (Saran monofilament)
(SY) BXBD-65
(HM) *POLYVINYLS
(NO) RN given is for Saran 683, a copolymer of vinyl chloride and vinylidene chloride

Sarapin
(RN) 80399-58-2
(HM) *ANALGESICS
(NO) distillate of Sarracenia purpurea; analgesic for pain of neuromuscular or neurogenic origin; no other information available 7/29/81

sarcinamycin A see sarubicin A

SarCNU see 2-((((2-chloroethyl)nitrosoamino)carbonyl)amino) propanamide

sarcochenodeoxycholic acid
(RN) 88446-86-0
(HM) CHENODEOXYCHOLIC ACID/*analogs
(NO) RN given from Toxline for 7alpha-isomer; RN not in Chemline 12/84; structure given in first source

sarcocystatin A see cysteine protease inhibitors, endogenous

sarcolectin
(RN) 87940-72-5
(HM) *LECTINS
(II) MUSCLE PROTEINS
(II) NEOPLASM PROTEINS
(II) INTERFERONS/antag
(NO) interferon antagonist protein from hamster sarcoma & normal muscle which agglutinates normal & transformed cells

sarcolemma protein
(SY) phospholamban monomer protein
(SY) protein 11K
(HM) *CALCIUM-BINDING PROTEINS
(NO) MW 11,000

sarcoma growth factor see transforming factor

Sarcophaga lectin
(SY) Sarcophaga peregrina lectin
(HM) *LECTINS
(II) DIPTERA
(NO) from hemolymph of Sarcophaga peregrina hemolymph

Sarcophaga peregrina lectin see Sarcophaga lectin

sarcophagine synthetase
(RN) EC 6.3.2.-
(HM) *PEPTIDE SYNTHETASES
(NO) requires Mg(+2) & ATPase as cofactors

sarcosine dehydrogenase
(RN) EC 1.5.99.1
(RR) 37228-65-2 (CRN)
(HM) *OXIDOREDUCTASES, N-DEMETHYLATING

(1-sarcosine,8-glycine)angiotensin II see angiotensin II, 1-Sar-8-Gly-

sarcosine methyl ester
(RN) 5473-12-1
(RR) 13515-93-0 (HCl)
(HM) SARCOSINE/*analogs
(NO) RN given refers to parent cpd

sarcosine oxidase
(RN) EC 1.5.3.1
(RR) 9029-22-5 (CRN)
(SY) sarcosine-oxygen oxidoreductase (demethylating)
(HM) *OXIDOREDUCTASES, N-DEMETHYLATING
(NO) catalyzes the oxidative demethylation of sarcosine to glycine

sarcosine-oxygen oxidoreductase (demethylating) see sarcosine oxidase

7-sarcosine-oxytocin see oxytocin, 8-Sar-

(1-sarcosine-8-threonine)angiotensin II see angiotensin II, 1-Sar-8-Thr-

1-sarcosyl-7-alanine angiotensin I see angiotensin I, 1-Sar-7-Ala-

1-sarcosyl-8-glycine angiotensin II see angiotensin II, 1-Sar-8-Gly-

1-sarcosyl-5-isoleucine angiotensin II see angiotensin II, 1-Sar-5-Ile-

1-sarcosyl-5-isoleucyl-8-glycine angiotensin II see angiotensin II, 1-Sar-5-Ile-8-Gly-

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1-sarcosyl-8-leucine angiotensin II see sarleucin

1-sarcosyl-4-methyltyrosine-angiotensin II see angiotensin II, 1-Sar-4-methyl-Tyr-

sarcosyl NL see sarkosyl

1-sarcosyl-8-threonine angiotensin II see angiotensin II, 1-Sar-8-Thr-

1-sarcosyl-5-valyl-angiotensin II see angiotensin II, 1-Sar-5-Val-

sarcotoxin I
(RN) 92229-70-4
(HM) *INSECT HORMONES
(PA) ANTI-INFECTIVE AGENTS
(II) DIPTERA
(NO) bactericidal protein from hemolymph of Sarcophaga peregrina (flesh-fly) larva; MW 5000; mixture of sarcotoxin IA, IB, IC

sarcoursodeoxycholic acid
(RN) 88446-87-1
(SY) SUDCA
(HM) URSODEOXYCHOLIC ACID/*analogs
(NO) RN given from Toxline; RN not in Chemline 12/84; structure given in first source

saren see solufenum

1-Sar-8-Gly-angiotensin II see angiotensin II, 1-Sar-8-Gly-

1-Sar-5-Ile-angiotensin II see angiotensin II, 1-Sar-5-Ile-

Sar(1)-Ile(5)-angiotensin II see angiotensin II, 1-Sar-5-Ile-

1-Sar-5-Ile-8-Gly-angiotensin II see angiotensin II, 1-Sar-5-Ile-8-Gly-

SaRI 59-801
(RN) 80565-58-8
(SY) SARI-59-801
(SY)
alpha-(dimethylaminomethyl)-2-(3-ethyl-5-methyl-4-isoxazolyl)-1H-indole-3-methanol
(HM) *ISOXAZOLES
(PA) HYPOGLYCEMIC AGENTS
(NO) structure given in first source

SARI-59-801 see SaRI 59-801

sarkosyl
(RN) 97-78-9
(RR) 68003-46-3 (NH4 salt)
(RR) 38932-32-0 (K salt)
(RR) 60318-46-9 (cpd with unknown MF)
(SY) Gardol
(SY) sarkosyl NL 30
(SY) N-lauroylsarcosine
(SY) sarkosyl NL
(SY) sarcosyl NL
(SY) sodium N-laurylsarcosinate
(SY) N-lauroylsarcosinate
(HM) SARCOSINE/*analogs
(II) DETERGENTS
(NO) RN given is for sarkosyl L, the parent cpd; structure

sarkosyl NL see sarkosyl

sarkosyl NL 30 see sarkosyl

1-Sar-8-Leu-angiotensin II see sarleucin

sarleucin
(RN) 53814-27-0
(SY) angiotensin II, 1-Sar-8-Leu-
(SY) 1-sarcosyl-8-leucine angiotensin II
(SY) 1-Sar-8-Leu-angiotensin II
(SY) angiotensin II, 1-sarcosyl-8-leucine-
(HM) ANGIOTENSIN II/*analogs
(PA) ANGIOTENSIN II/antag

1-Sar-4-methyl-Tyr-angiotensin II see angiotensin II, 1-Sar-4-methyl-Tyr-

7-Sar-oxytocin see oxytocin, 8-Sar-

sarpedobilin
(RN) 39290-30-7
(HM) *BILE PIGMENTS
(NO) blue-green bile pigment found in insects; structure given in first source

sarpicillin
(RN) 40966-79-8
(RR) 60252-40-6
((2S-(2alpha,5alpha,6beta(S*)))-isomer)
(SY) BL-P1761
(SY) methoxymethylhetacillin
(HM) *PENICILLINS
(NO) ampicillin ester; RN given refers to (2S-(2 alpha,5 alpha,6 beta))-isomer: 40966-79-8

sarsasapogenin
(RN) 126-19-2
(RR) 77-60-1 ((3beta,5alpha,25R)-isomer)
(RR) 126-18-1 ((3beta,5beta,25R)-isomer)
(RR) 19043-98-2 ((3beta,5beta)-isomer)
(RR) 470-01-9 ((3beta,5alpha,25S)-isomer)
(SY) epi-sarsasapogenin
(HM) *SPIROSTANS
(II) SAPOGENINS
(NO) RN given refers to (3beta,5beta,25S)-isomer; RN for cpd without isomeric designation not in Chemline 9/85; structure given in first source

epi-sarsasapogenin see sarsasapogenin

sarsasapogenone
(RN) 512-07-2
(RR) 470-07-5 ((5alpha-25R)-isomer)
(HM) *SPIROSTANS
(II) SAPOGENINS
(NO) RN given refers to (5beta,25R)-isomer; RN for cpd without isomeric designation not in Chemline 9/85; structure given in first source

1-Sar-8-Thr-angiotensin II see angiotensin II, 1-Sar-8-Thr-

sarubicin A
(RN) 74639-67-1
(SY) sarcinamycin A
(HM) NAPHTHOQUINONES
(PA) ANTIBIOTICS
(NO) isolated from Streptomyces strain JA 2861 (Streptomyces violaceoruber); structure in first source

sarubicin B
(RN) 84745-01-7
(HM) NAPHTHOQUINONES
(PA) ANTIBIOTICS
(NO) from Streptomyces strain JA 2861; structure given in first source

1-Sar-5-Val-angiotensin see angiotensin II, 1-Sar-5-Val-

SAS 295 see SAS 296

SAS-295 see SAS 296

SAS 296
(RN) 66746-31-4
(RR) 82116-30-1 (SAS 295 cpd with unknown MF)
(SY) SAS-296
(SY) SAS 295
(SY) SAS-295
(HM) *XYLENES
(NO) SAS 295 & SAS 296 contain both 1-phenyl-1-o-xylylethane (RN 6196-95-8) & 1-phenyl-1-m-xylylethane (RN 6165-52-2) in specific proportions; RN given refers to Hisol 296 cpd with unknown MF; cpd not not in Chemline 7/29/83

SAS-296 see SAS 296

SAS 643
(RN) 40762-15-0
(SY) 1-(2-hydroxyethyl)-3-hydroxy-7-chloro-1,3-dihydro-5-(o-fluorophenyl)-2H-1,4-benzodiazepin-2-one
(SY) doxefazepam
(HM) FLURAZEPAM/*analogs
(PA) BENZODIAZEPINE TRANQUILIZERS
(PA) ANTICONVULSANTS
(NO) structure

SATA see N-hydroxysuccinimide S-acetylthioacetate

SATC see N-sulfo-2-aminotricarballylate

SATDAO see S-adenosyl-3-thio-1,8-diaminooctane

satietin
(RN) 72026-83-6
(HM) *GLYCOPEPTIDES
(PA) APPETITE DEPRESSANTS
(NO) serum glycopeptide with 87% carbohydrate, 12.8% amino acids and anorectic activity

satranidazole see Go 10213

satratoxin G
(RN) 53126-63-9
(HM) *TRICHOTHECENES

satratoxin H
(RN) 53126-64-0
(RR) 53126-10-6 (Satratoxin F)
(SY) PD 113326
(SY) PD-113326
(HM) TRICHOTHECENES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) toxic metabolite of Stachybotrys atra; see also record for Satratoxin G; structure

Sau3AI endonuclease see endodeoxyribonuclease MboI

Sau96 I endonuclease
(RN) EC 3.1.21.-
(SY) Cfr13 I
(HM) *DNA RESTRICTION ENZYMES
(NO) Type II site specific deoxyendoribonuclease-EC 3.1.21.4; recognizes the 5'-G-GNCC sequence and cleaves between G-G

sauvagine
(RN) 74434-59-6
(HM) *PEPTIDES
(PA) VASODILATOR AGENTS
(II) DIURESIS/drug eff
(NO) isolated from skin of south american hylid frog, Phyllomedusa sauvagei; has hypotensive & antidiuretic effect; potent stimulating action on secretion of ACTH & corticosterone; inhibitory effect on secretion of PRL, GH, & TSH; consists of straight chain of 40 amino acid residues

sauvagine(17-40)
(RN) 88831-26-9
(SY) C-terminal sauvagine(17-40)
(HM) *PEPTIDES
(HM) *PEPTIDE FRAGMENTS

savlon
(RN) 37380-83-9
(HM) *CETRIMONIUM COMPOUNDS
(HM) *CHLORHEXIDINE
(HM) DRUG COMBINATIONS
(PA) ANTI-INFLAMMATORY AGENTS
(II) DISINFECTANTS
(NO) contains chlorhexidine & cetrimide

sawdust
(HM) LIGNIN/*analogs
(NO) naturally occurring lignin derivative used in chromatographic isolation of elastase

saxitoxin binding protein see saxitoxin-binding protein

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saxitoxin-binding protein
(SY) saxitoxin receptors
(SY) receptor, saxitoxin
(SY) saxitoxin receptor
(SY) sodium channel saxitoxin binding component
(SY) saxitoxin binding protein
(HM) *CARRIER PROTEINS
(II) ION CHANNELS
(II) SODIUM
(II) SAXITOXIN

saxitoxin receptor see saxitoxin-binding protein

saxitoxin receptors see saxitoxin-binding protein

SAZBAH see
succinimido-6-N-(4-azidobenzoyl)aminohexanoate

SA-446 see SA 446

SA 446
(RN) 72679-47-1
(SY)
2-(2'-hydroxyphenyl)-3-(3-mercaptopropanoyl)-4-thiazolidine carboxylic acid
(SY) SA-446
(HM) *3-MERCAPTOPROPIONIC ACID/analogs
(PA) KININASE II/antag
(PA) ANTIHYPERTENSIVE AGENTS

Sa-45249 see Oxolven

Sa 45249 see Oxolven

SA-504 see timepidium bromide

SA 679
(SY) SA-679
(SY) N-2-methyl-2-(methylthio)propanoyl-L-cysteine
(HM) CYSTEINE/*analogs
(PA) ANTI-INFLAMMATORY AGENTS
(NO) metabolite of SA 96; structure given in first source

SA-679 see SA 679

SA 76
(RN) 85414-47-7
(SY) SA-76
(HM) *PROPIOPHENONES
(PA) ANTI-ARRHYTHMIA AGENTS
(NO) structure given in first source

SA-76 see SA 76

SA 79 see propafenone

SA-96 see SA96

SA96
(RN) 65002-17-7
(SY) 2-mercapto-2-methylpropanoyl-L-cysteine
(SY) SA-96
(HM) CYSTEINE/*analogs
(PA) ANTI-INFLAMMATORY AGENTS

Sb-choline see antimony choline

SBD-F see 7-fluorobenzo-2-oxa-1,3-diazole-4-sulfonate

SBDP see dicesium N-succinimidyl 3-(undecahydrododecaboranyldithio)propionate

SB endonuclease see endodeoxyribonuclease SB

SB-GFc see Streptococcal IgG Fc-binding protein

SBG 483 see SGB 483

SBG-483 see SGB 483

SBH-Cu see (salicylaldehydebenzoylhydrazonato)copper(II)

SBIPE see isopropyl melphalan

SBNP see sperm basic nuclear proteins

SBP-C3 see seminal plasma proteins

SbPTH-(3-34)-A see bovine parathyroid hormone (3-34) amide, 8,18-Nle-34- Tyr-

Sb 1 see 2',5,5',7-tetrahydroxy-6',8-dimethoxyflavone

Sb-1 see 2',5,5',7-tetrahydroxy-6',8-dimethoxyflavone

SB-7505 see SB 7505

SB 7505
(RN) 66195-31-1
(SY) N-methyldopamine diisobutyrate
(SY) ibopamine
(SY) SB-7505
(HM) DEOXYEPINEPHRINE/*analogs
(PA) DIURETICS
(PA) CARDIOTONIC AGENTS
(PA) VASODILATOR AGENTS
(NO) structure given in UD 31;67a & in 2nd source

scandium citrate see citric acid

scandium oxide
(RN) 12060-08-1
(RR) 37200-34-3 (cpd with unspecified MF)
(SY) Sc2O3
(HM) *SCANDIUM
(II) AIR POLLUTANTS, OCCUPATIONAL
(NO) RN given refers to cpd with MF Sc2O3

scaritoxin
(RN) 66231-73-0
(HM) *MARINE TOXINS

scarlatinal toxin see erythrogenic toxin

Scarlet Red
(RN) 85-83-6
(SY) Sudan IV
(SY) o-tolylazo-o-tolylazo-beta-naphthol
(SY) C.I. Solvent Red 24
(HM) *AZO COMPOUNDS
(II) DYES
(NO) structure

scavenger receptor
(SY) receptor, scavenger
(SY) scavenger receptors
(HM) *RECEPTORS, IMMUNOLOGIC
(NO) receptors for negatively charged proteins

scavenger receptors see scavenger receptor

2,3-SCD see 2,3-secocholestane-2,3-diol

SC 11800 EE see SC-11800 EE

SC-11800 EE
(RN) 8075-78-3
(SY) bisecurin II
(SY) Demulen
(SY) Lestrin
(SY) Ovulen-50
(SY) SC 11800 EE
(HM) *ETHINYL ESTRADIOL
(HM) *ETHYNODIOL DIACETATE
(HM) CONTRACEPTIVES, ORAL, COMBINED
(II) CONTRACEPTIVES, ORAL, SYNTHETIC
(NO) contains ethynodiol diacetate & ethinyl estradiol

SceI endonuclease see endodeoxyribonuclease SceI

scenedesmi oinment see scenedesmus powder

scenedesmus powder
(SY) scenedesmi ointment
(HM) *PLANT EXTRACTS
(PA) ANTICHOLESTEREMIC AGENTS
(II) ALGAE, GREEN
(NO) extracted from Scenedesmus actutus

SCE 1368 see cefmenoxime

SCE-963 see cefotiam

schaunardimycin
(RN) 93423-02-0
(HM) NAPHTHACENES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) anthracyclin antibiotic; structure given in first source

scherisolone-kristall suspension see prednisolone acetate

Schiff reagent see Schiff's reagent

Schiff's reagent
(RN) 507-09-5
(RR) 34832-35-4 (Na salt)
(RR) 10387-40-3 (K salt)
(SY) thioacetic acid
(SY) Schiff reagent
(HM) *SULFHYDRYL COMPOUNDS
(II) DYES
(II) INDICATORS AND REAGENTS
(NO) consists of thioacetic acid & dye; RN given is for parent cpd

schisandra see schizandra

schisanhenol
(HM) *POLYCYCLIC HYDROCARBONS
(II) PLANTS, MEDICINAL
(NO) isolated from kernels of Schisandra rubriflora; structure given in first source

schisantherin
(RN) 58546-56-8
(RR) 58546-55-7 (schisantherin B, gomisin B, schisantherin C, schizandrer B)
(RR) 64938-51-8 (duplicate RN for schisantherin C, gomisin B, schisantherin B, schizandrer B)
(RR) 64917-82-4 (schisantherin D)
(RR) 64917-83-5 (schisantherin E)
(RR) 66280-25-9 (gomisin J)
(RR) 60546-10-3 (gomisin D)
(RR) 82078-76-0 (duplicate RN for schizandrer B, schisantherin C, schisantherin B, gomisin B)
(SY) gomisins
(SY) dibenzocyclooctadiene lignans
(SY) schisantherins
(SY) gomisin D
(SY) schizandrer B
(HM) *DIOXOLES
(II) PLANTS, MEDICINAL
(II) PLANT EXTRACTS
(NO) lignans A,B,C,D,E isolated from fruit of Schisandra sphenanthera; RN given refers to schisantherin A

schisantherins see schisantherin

schizandra
(RN) 7432-28-2
(SY) schisandra
(SY) schizandrin
(SY) schizandrol A
(HM) *POLYCYCLIC HYDROCARBONS
(II) PLANTS, MEDICINAL
(NO) dibenzocyclooctadiene lignans

schizandrer A
(RN) 82042-38-4
(HM) *POLYCYCLIC HYDROCARBONS
(II) PLANTS, MEDICINAL
(NO) from Fructus Schizandrae chinensis; structure given in first source

schizandrer B see schisantherin

schizandrin see schizandra

schizandrin A
(RN) 61281-38-7
(HM) *POLYCYCLIC HYDROCARBONS

schizandrin B
(RN) 64121-95-5
(HM) *POLYCYCLIC HYDROCARBONS
(NO) structure

schizandrin C
(RN) 61301-33-5
(SY) wuweizisu C
(HM) *POLYCYCLIC HYDROCARBONS
(II) PLANT EXTRACTS
(II) PLANTS, MEDICINAL
(NO) from Schizandra Chinensis Baill; protects liver from carbon tetrachloride injury

schizandrol A see schizandra

schizandrol B
(RN) 58546-54-6
(HM) *POLYCYCLIC HYDROCARBONS
(NO) natural cpd from Schizandra chinensis, plant used as tonic in traditional chinese medicine

Sch 14714 meglumine see flunixin meglumine

SCH 10595 see bupicomide

SCH 12041 see halazepam

SCH-12679 see trimopam

Sch 13706 see gentamicin C

Sch 14714 see flunixin

SCH-15-725 see SCH 15-725

SCH 15-725
(RN) 49606-44-2
(SY) 7-chloro-1-(2,2,2-trifluoroethyl)-1,3-dihydro-5-(2-fluorophenyl)-2H-1,4-benzodiazepin-2-one
(SY) SCH-15-725
(SY) 2-oxoquazepam
(HM) *BENZODIAZEPINONES
(PA) BENZODIAZEPINE TRANQUILIZERS
(NO) quazepam metabolite; structure given in first source

Sch 16134 see quazepam

Sch-16423 see Sch 16423

Sch 16423
(RN) 52806-53-8
(SY) hydroxyflutamide
(SY) Sch-16423
(HM) *FLUTAMIDE/analogs

Sch-21420 see Sch 21420

Sch 21420
(RN) 58152-03-7
(SY) N-(S-3-amino-2-hydroxypropionyl)-gentamicin
(SY) Sch-21420
(HM) *GENTAMICINS

Sch 21480 see tioxidazole

Sch 22219 see alclometasone dipropionate

Sch 22591 see 5-episisomicin

SCH 23-324
(RN) 87075-15-8
(SY) SCH-23-324
(SY) 7-chloro-1-(2,2,2-trifluoroethyl)-3-hydroxy-5-(2-fluorophenyl)-1,3-dihydro-2H-1,4-benzodiazepine-2-one
(HM) *BENZODIAZEPINONES
(PA) BENZODIAZEPINE TRANQUILIZERS
(NO) quazepam metabolite; structure given in first source

SCH-23-324 see SCH 23-324

SCH 23390
(RN) 87134-87-0
(SY) SCH-23390
(SY) 8-chloro-2,3,4,5-tetrahydro-3-methyl-5-phenyl-1H-3-benzazepine-7-ol
(HM) *BENZAZEPINES
(PA) TRANQUILIZING AGENTS, MAJOR
(PA) DOPAMINE/antag
(NO) structure given in first source

SCH-23390 see SCH 23390

Sch-24893 see Sch 24893

Sch 24893
(RN) 73212-55-2
(SY) 3-fluorochloramphenicol
(SY) chloramphenicol, 3-fluoro
(SY) Sch-24893
(HM) CHLORAMPHENICOL/*analogs
(NO) structure given in first source

Sch-25298 see Sch 25298

Sch 25298
(RN) 73231-34-2
(SY) 3-fluorothiamphenicol
(SY) thiamphenicol, 3-fluoro
(SY) Sch-25298
(HM) THIAMPHENICOL/*analogs
(NO) structure given in first source

Sch 25393
(RN) 73212-54-1
(SY) Sch-25393
(HM) THIAMPHENICOL/*analogs
(NO) 3-fluoro deriv of thiamphenicol in which dichloroacetyl group is replaced by a difluoroacetyl group; structure given in first source

Sch-25393 see Sch 25393

Sch 25663 see kijanimicin

SCH-28080 see SCH 28080

SCH 28080
(RN) 76081-98-6
(SY) SCH28080
(SY) 2-methyl-8-(phenylmethoxy)imidazo-(1-2-a)pyrine-3-acetonitrile
(SY) SCH-28080
(HM) *IMIDAZOLES
(PA) ANTI-ULCER AGENTS
(NO) not related structurally to other known anti-ulcer agents; inhibits histamine-stimulated gastric secretion; prevents gastric lesions induced by aspirin; indomethacin & ethanol

SCH28080 see SCH 28080

SCH 28191
(RN) 76023-49-9
(SY) SCH-28191
(SY) ornithylamphotericin methyl ester
(HM) AMPHOTERICIN B/*analogs
(PA) ANTIBIOTICS, ANTIFUNGAL
(NO) RN given refers to (R)-isomer; cpd without isomeric designation not in Chemline 3/9/84

SCH-28191 see SCH 28191

Sch-29482 see Sch 29482

Sch 29482
(RN) 77646-83-4
(SY) 6-(1-hydroxyethyl)-2-ethylthiopenem-3-carboxylic acid
(SY) Sch-29482
(HM) *ANTIBIOTICS, LACTAM
(NO) penem antibiotic; bactericidal & stable to beta-lactamases; structure given in first source

SCH-29851 see SCH 29851

SCH 29851
(RN) 79794-75-5
(SY) 8-chloro-6,11-dihydro-11-(1-carboethoxy-4-piperidylidene)-5H-benzo(5,6)cyclohepta(1,2-b) pyridine
(SY) SCH-29851
(HM) *PIPERIDINES
(PA) HISTAMINE ANTAGONISTS
(NO) antihistamine without effects on central nervous system; structure given in first source

SCH 31846
(RN) 80876-01-3
(SY) SCH-31846
(SY) CI 907
(SY) CI-907
(SY) 1-(N-(1-(ethoxycarbonyl)-3-phenylpropyl)alanyl) octahydro-1H-indole-2-carboxylic acid
(SY) PD 109,763-2
(SY) PD-109,763-2
(HM) *INDOLES
(PA) KININASE II/antag
(PA) ANTIHYPERTENSIVE AGENTS
(NO) structure given in first source

SCH-31846 see SCH 31846

Sch 32651
(SY) Sch-32651
(SY) 3-amino-2-methyl-8-phenylmethoxyimidazo(1,2-a) pyrazine
(HM) *PYRAZINES
(HM) *IMIDAZOLES
(PA) ANTI-ULCER AGENTS
(NO) structure given in first source

Sch-32651 see Sch 32651

SCH 34343
(RN) 95415-91-1
(SY) SCH-34343
(SY) 2-carbamoyloxyethylthio-6-(1-hydroxyethyl)penem-3-carboxylic acid
(HM) *ANTIBIOTICS, LACTAM
(NO) structure given in first source; RN given refers to (5R-(5alpha,6alpha))-isomer; RN for cpd without isomeric designation not in Chemline 7/85

SCH-34343 see SCH 34343

Sch 399
(SY) Sch-399
(HM) CYPROHEPTADINE/*analogs
(HM) *EPHEDRINE
(HM) *DEXTROMETHORPHAN
(HM) DRUG COMBINATIONS
(PA) HISTAMINE H1 RECEPTOR BLOCKADERS
(PA) ANTITUSSIVE AGENTS
(PA) EXPECTORANTS
(NO) combination of azatadine maleate, pseudoephedrine sulfate & dextromethorphan HBr in cough syrup

Sch-399 see Sch 399

sciatin
(HM) *NERVE TISSUE PROTEINS
(NO) myotrophic protein from chicken sciatic nerves

SCI des-(B30) see insulin, single chain des-(B30)-

SCIF see stem cell inhibitory factor

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scillaren
(RN) 11003-70-6
(RR) 1393-22-2 (scillaren B)
(HM) *CARDIAC GLYCOSIDES
(PA) CARDIOTONIC AGENTS
(NO) minor descriptor (75-80); on-line & Index Medicus search CARDIAC GLYCOSIDES (75-80) & SQUILL (66-74); consists of scillaren A & scillaren B; RN given refers to cpd with unknown MF; see also record of scillaren A

scilliroside
(RN) 507-60-8
(SY) silmurin
(HM) *BUFANOLIDES
(PA) RODENTICIDES
(II) CARDIAC GLYCOSIDES
(NO) structure

scintadren see selenonorcholesterol

scleroglucan
(RN) 39464-87-4
(HM) *GLUCANS

SCMC-Lys see carbocysteine-lysine

SCM-glutathione see S-carbamidomethylglutathione

scolaban see bunamidine

scombroid toxin see scombrotoxin

scombrotoxin
(RN) 82027-58-5
(SY) scombroid toxin
(HM) *MARINE TOXINS
(II) FOOD PRESERVATION
(NO) toxin which accumulates in the flesh of fish during storage; associated with high levels of histamine in the fish flesh

scoparone
(RN) 120-08-1
(SY) 6,7-dimethoxycoumarin
(HM) *COUMARINS
(PA) ANTIHYPERTENSIVE AGENTS
(NO) structure

scopolamine N-(cyclopropylmethyl)bromide see DA 3177

scopoletin peroxidase
(RN) EC 1.11-
(HM) *PEROXIDASES
(II) MONOAMINE OXIDASE
(NO) used to determine monoamine oxidase activity of thrombocytes

scorpion toxin I"
(SY) toxin I"
(SY) toxin I" (Androctonus australis Hector)
(HM) *SCORPION VENOMS
(NO) lethal to mice; differs from toxin I of the same scorpion by an extra arginine rsidue at the C-terminal end

scorpion toxin receptor
(SY) receptors, scorpion toxin
(SY) scorpion toxin receptors
(SY) scorpion venom receptor
(SY) Tityus serrulatus serrulatus toxin receptor
(SY) Centruroides suffusus suffusus toxin receptor
(SY) tityustoxin receptor
(SY) beta-scorpion toxin receptor
(SY) alpha-scorpion toxin receptor
(HM) *RECEPTORS, CHOLINERGIC
(II) SCORPION VENOMS
(NO) Androctonus australis; Hector neurotoxin II receptor

scorpion toxin receptors see scorpion toxin receptor

scorpion venom receptor see scorpion toxin receptor

scotchbond
(RN) 90881-69-9
(SY) scotchbond adhesive
(HM) *ADHESIVES
(II) BONDING, DENTAL
(II) COMPOSITE RESINS
(NO) chemically activated dentin adhesive

scotchbond adhesive see scotchbond

scotophobin
(RN) 33579-45-2
(HM) *PEPTIDES
(NO) minor descriptor (73-85); on-line & Index Medicus search PEPTIDES (73-85); RN given refers to all (L)-isomer; RN for cpd without isomeric designation not in Chemline 6/85

SCOYTR see 5,10-secoestr-5-yne-3,10,17-trione

SCPA see small cardioactive peptide A

SCPB see small cardioactive peptide B

SCP(1) see sterol carrier protein(1)

SCP(2) see sterol carrier protein(2)

scrapie associated fibril-protein
(SY) SAF-protein
(HM) *NERVE TISSUE PROTEINS
(NO) MW 26,000; found in hamster brain

scrapie PrP 27-30 protein
(HM) *VIRAL PROTEINS
(II) SCRAPIE PRION
(NO) amino acid sequence given in first source

ScrFI endonuclease see endodeoxyribonuclease ScrFI

SCRIP see renin inhibitory peptide, statine

SCRNA see small cytoplasmic RNA

SC RNA see small cytoplasmic RNA

SCTV see polyvinylsiloxane caoutchouc

S8CT see 8-chlorotheophylline

scutan
(RN) 65607-67-2
(HM) *AZIRIDINES
(II) RESINS, SYNTHETIC
(II) POLYMERS
(II) DENTAL MATERIALS
(NO) temporary crown & bridge material; dental resin consisting of an ethyleneimine monomer which may be a derivative of bisphenol A, a polyamide filler, & cross-linking catalyst methyl-4-methyl benzenesulfonate; structure

scyllitol
(RN) 488-59-5
(SY) scyllo-inositol
(HM) *INOSITOL
(II) STEREOISOMERS
(NO) isomer of inositol

scyllo-inositol see scyllitol

Scytalidium lignicolum acid protease B see Scytalidium lignicolum acid proteases

Scytalidium lignicolum acid proteases
(RN) EC 3.4.23.-
(SY) Scytalidium lignicolum acid protease B
(SY) SLA proteases
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) protease B has MW 21,000; amino acid sequence given in first source

scytalone
(RN) 49598-85-8
(SY) 3,4-dihydro-3,6,8-trihydroxy-1-(2H)-naphthalenone
(HM) *NAPHTHOLS
(NO) purified from cultures of the brm-1 mutant of Verticillum dahliae; structure given in first source

SC-13504 see ropizine

SC 15396 see antigastrin

SC-16102 see azidopyrimidine

SC 19886
(RN) 22785-18-8
(SY) SC-19886
(HM) *VERATRUM ALKALOIDS
(PA) ALDOSTERONE ANTAGONISTS
(NO) structure

SC-19886 see SC 19886

Sc2O3 see scandium oxide

SC 23133 see prorenone

SC-23133 see prorenone

SC 23992 see proprenoate potassium

SC 24813 see 7 alpha-thiospironolactone

SC 26304
(RN) 41020-79-5
(SY) SC-26304
(HM) SPIRONOLACTONE/*analogs
(PA) ALDOSTERONE ANTAGONISTS
(NO) spirolactone aldosterone antagonist

SC-26304 see SC 26304

SC-27166 see nufenoxole

SC-27169 see SC 27169

SC 27169
(RN) 41020-87-5
(SY) OH OPC(ME)-K
(SY) 17-hydroxy-3-oxo-17alpha-pregn-4-ene-7alpha,21-dicarboxylic acid, 7-(1-methylethyl) ester, monopotassium salt
(SY) SC-27169
(HM) *PREGNENES
(PA) ALDOSTERONE ANTAGONISTS
(NO) spironolactone analog; structure in first source

SC 27761 see pranolium

SC 29333 see SC-29333

SC-29333
(RN) 62015-39-8
(SY) misoprostol
(SY) SC 29333
(HM) *PROSTAGLANDINS E, SYNTHETIC
(PA) ANTI-ULCER AGENTS

SC 30552
(RN) 64358-99-2
(SY) SC-30552
(SY) 4-((4-(diphenylmethyl)-1-piperidinyl)methyl)-N,N-dimethylbenzamine
(HM) *PIPERIDINES
(PA) ANTIHYPERTENSIVE AGENTS
(PA) CALCIUM CHANNEL BLOCKERS
(NO) structure given in first source

SC-30552 see SC 30552

SC-32561 see SC 32561

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SC 32561
(RN) 76752-41-5
(SY) 22-hydroxy-25-fluorocholesterol
(SY) SC-32561
(HM) *HYDROXYCHOLESTEROLS
(PA) ANTICHOLESTEREMIC AGENTS
(NO) structure given in first source

SC-33428 see SC 33428

SC33428 see SC 33428

SC 33428
(RN) 77313-12-3
(SY) 4-demethoxydaunorubicin bis(hydrazone)
(SY) SC33428
(SY) SC-33428
(HM) DAUNORUBICIN/*analogs
(PA) ANTINEOPLASTIC AGENTS
(NO) structure given in first source

SC-33459 see SC 33459

SC 33459
(RN) 81329-72-8
(SY) 6-(2-(4-(1,1-dimethylethyl)phenyl)ethyl) tetrahydro-4-hydroxy-2H-pyran-2-one
(SY) SC-33459
(HM) *PYRONES
(PA) ANTILIPEMIC AGENTS
(NO) structure given in first source

SC 4453
(RN) 59712-21-9
(SY) SC-4453
(HM) DIGOXIN/*analogs
(II) CARDIAC GLYCOSIDES
(NO) semisynthetic digoxin-like cpd with 17 beta-pyridazine instead of 17 beta-lactone structure; structure

SC-4453 see SC 4453

SC5b-7
(SY) C5b-7
(HM) *COMPLEMENT
(NO) preterminal complex of human complement

SC5b-8
(SY) SC 5b-8
(HM) *COMPLEMENT
(HM) *ALPHA GLOBULINS
(NO) fluid phase complex of human complenent & S-protein generated in C9-depleted serum; water soluble macromolecule with alpha-electrophoretic mobility

SC 5b-8 see SC5b-8

SC5b-9 see complement membrane attack complex

Sd(a) blood group antigen
(SY) sid blood group antigen
(HM) *BLOOD GROUPS

SDDS
(RN) 17615-73-5
(SY) 2-sulfamoyl-4,4'-diaminodiphenyl sulfone
(HM) DAPSONE/*analogs
(NO) structure

N-SDFB see N-succinyldesferrioxamine B

SDIP see immunosuppressive peptide

SDISP see immunosuppressive peptide

SDK 47
(RN) 80496-44-2
(SY) SDK-47
(HM) *SILICONES
(PA) ANTINEOPLASTIC AGENTS
(NO) structure in first source

SDK-47 see SDK 47

SDK 50
(RN) 22409-26-3
(RR) 30962-00-6 (HCl)
(SY) SDK-50
(HM) *SILICONES
(PA) ANTINEOPLASTIC AGENTS
(NO) structure in first source

SDK-50 see SDK 50

SD 1601 see moprolol

SD-170 see SD 170

SD 170
(RN) 55411-56-8
(SY) N-salicylo-(2,6-dichloro-4-aminophenol)
(SY) SD-170
(SY) 3',5'-dichloro-2,4'-dihydroxybenzanilide
(HM) *SALICYLANILIDES
(PA) IMMUNOSUPPRESSIVE AGENTS
(NO) structure given in first source

SD 31 see CD-2

SD 709 see dimethacrine

sea anemone toxin I see toxin I (Anemonia sulcata)

sea anemone toxin II see toxin II (Anemonia sulcata)

sea anemone toxin III see toxin III (Anemonia sulcata)

sea nettle toxin
(SY) Chrysaora toxin
(HM) *COELENTERATE VENOMS

sea star factor
(HM) *INVERTEBRATE HORMONES
(II) STARFISH
(NO) 39,000 Da protein form the coelomocytes of the echinoderm Asteria forbesi; has biological effects in humans which resemble those of lymphokines

Seatone
(HM) *TISSUE EXTRACTS
(PA) ANTI-INFLAMMATORY AGENTS
(II) MUSSELS
(NO) proprietary product derived from New Zealand green-lipped mussel; used in the therapy of arthritis

sea-urchin-hatching enzyme see hatching enzyme

sebacic acid
(RN) 111-20-6
(RR) 5505-62-4 (Al salt)
(RR) 14047-57-5 (Na salt)
(RR) 4476-04-4 (mono-Cd salt)
(HM) *DECANOIC ACIDS
(NO) RN given is for parent cpd; structure

sebacic acid dimethyl ester
(RN) 106-79-6
(HM) *DECANOIC ACIDS

sebacinyldicholine
(RN) 7095-43-4
(RR) 34426-86-3 (dibromide)
(RR) 28492-70-8 (dichloride)
(RR) 17140-07-7 (diiodide)
(SY) sebacoyldicholine
(HM) CHOLINE/*analogs
(NO) RN given refers to parent cpd

sebacoyldicholine see sebacinyldicholine

Se-binding protein see selenium-binding protein

secalonic acid
(RN) 56283-72-8
(RR) 35287-72-0 (secalonic acid A)
(RR) 35287-69-5 (secalonic acid D)
(SY) dimethyl 5,5',6,6',7,7',10a,10a'-octahydro-1,1', 5, 5',8,8'-hexahydroxy-6,6'-dimethyl-9,9'-dioxo- 2,2'-bixanthen-10a,10a'-dicarboxylate
(SY) secalonic acid D
(HM) *XANTHENES
(II) MYCOTOXINS
(NO) consists of 4 acids (A,C,D,E) differing only in their stereochemistry; RN given is for parent cpd; structure

secalonic acid D see secalonic acid

sec-butyl alcohol see 2-butanol

2-sec-butyl-4,6-dinitrophenol see dinoseb

5-sec-butyl-5-ethyl-2-thiobarbituric acid see thiobutabarbital

o-sec-butylphenyl N-methylcarbamate see BPMC

N-sec-butyl-4-tert-butyl-2,6-dinitroaniline see butralin

Secholex
(RN) 67167-34-4
(HM) *DEAE-DEXTRAN/analogs
(HM) *ACACIA
(HM) DRUG COMBINATIONS
(II) ANION EXCHANGE RESINS
(NO) contains PDX chloride and acacia; 7337 lists Secholex as just PDX chloride without acacia

secnidazole
(RN) 3366-95-8
(SY) 14,539 RP
(SY) 1-(2'-hydroxypropyl)-2-methyl-5- nitroimidazole
(HM) METRONIDAZOLE/*analogs
(NO) structure

2,3-secocholestane-2,3-diol
(RN) 14124-56-2
(SY) 2,3-SCD
(HM) *CHOLESTANOLS
(HM) *SECOSTEROIDS
(NO) RN given refers to (5beta)-isomer; RN for cpd without isomeric designation not in Chemline 3/85

9,10-secoergosta-5,7,10(19),22-tetraene-3 beta,25-diol see 25-hydroxyergocalciferol

5,10-secoestr-5-yne-3,10,17-trione
(RN) 26012-92-0
(SY) SCOYTR
(SY) estryne
(HM) *ESTRENES
(NO) suicide substrate of isomerase

secoiridoid glucosides see iridoidglucosides

secondary amine monooxygenase
(RN) EC 1.14.99.-
(SY) dimethylamine mono-oxygenase
(HM) *OXYGENASES
(NO) catalyzes NADH or NADPH dependent oxidative N-dealkylation of short chain aliphatic secondary amines with a methyl or ethyl group

secoverine
(RN) 57558-44-8
(RR) 57558-46-0 (HCl)
(SY) 1-cyclohexyl-4-(ethyl(p-methoxy-alpha-methylphenyl)amino)-1-butanone
(HM) *PHENETHYLAMINES
(PA) ANTIMUSCARINIC AGENTS
(NO) RN given refers to parent; structure in first source

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secradex
(RN) 95646-61-0
(HM) *ACEBUTOLOL
(HM) *HYDROCHLOROTHIAZIDE
(HM) DRUG COMBINATIONS
(NO) combination of above 2 cpds.

secretin (5-27), Gln(9)
(RN) 58886-96-7
(SY) Gln(9) secretin (5-27)
(HM) *SECRETIN
(HM) *PEPTIDE FRAGMENTS

secretin receptor
(SY) secretin receptors
(SY) receptor, secretin
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) SECRETIN

secretin receptors see secretin receptor

secretin, valine(5)- see secretin, Val(5)-

secretin, Val(5)-
(RN) 71376-01-7
(SY) Val(5)-secretin
(SY) valine(5)-secretin
(SY) secretin, valine(5)-
(HM) SECRETIN/*analogs

secretin (21-27)
(RN) 45323-83-9
(HM) *SECRETIN
(HM) *PEPTIDE FRAGMENTS

secretin (4-27)
(RN) 62643-35-0
(HM) *SECRETIN
(HM) *PEPTIDE FRAGMENTS

secretin (7-27)
(RN) 38155-06-5
(HM) *SECRETIN
(HM) *PEPTIDE FRAGMENTS

secretory IgM
(SY) IgM, secretory
(SY) SIGM
(HM) *IGM

secretory protein I, parathyroid gland see parathyroid secretory protein

secretory protein sp-I, insect see secretory salivary proteins, insect

secretory protein (SVP-4) see seminal plasma proteins

secretory salivary proteins, insect
(SY) sp-Ia secretory protein, insect
(SY) sp-Ib secretory protein, insect
(SY) sp-Ia
(SY) sp-Ib
(SY) sp-Id
(SY) secretory protein sp-I, insect
(HM) *SALIVARY PROTEINS
(NO) 850KDA protein from salivary gland of Chironomus (Diptera)

secretory tuberculoprotein see tuberculoprotein

securinine
(RN) 5610-40-2
(RR) 7104-26-9 (nitrate)
(RR) 52248-85-8 (methiodide)
(HM) *ALKALOIDS
(PA) ANALEPTICS
(NO) from Securinega suffurutiosa or Securinini nitras; RN given refers to parent cpd

secY gene product see gene proteins, bacterial

SeCys-tRNA see tRNA, selenocysteine

sedalgin
(RN) 52453-04-0
(SY) acecobarb
(HM) *PHENACETIN
(HM) *CODEINE
(HM) *PHENOBARBITAL
(HM) DRUG COMBINATIONS
(HM) *ASPIRIN
(NO) combination of above cpds with caffeine

Seda-Presomen
(RN) 81296-87-9
(HM) *ESTROGENIC SUBSTANCES, CONJUGATED
(HM) *DIAZEPAM
(HM) DRUG COMBINATIONS
(NO) contains 1.25 mg natural conjugated estrogen & 5 mg diazepam; administered after hystorectomy

sedistal see lomotil

sedoheptulose
(RN) 3019-74-7
(RR) 3276-18-4 (1,3-di-(13)O-labeled cpd)
(HM) *HEPTOSES
(NO) RN given refers to ((D-altro)-isomer)

sedoheptulose-bisphosphatase
(RN) EC 3.1.3.37
(SY) sedoheptulose diphosphatase
(HM) *PHOSPHOMONOESTERASES

sedoheptulose 1,7-bisphosphate
(RN) 815-91-8
(SY) Altro heptulose 1,7-bisphosphate
(HM) *SUGAR PHOSPHATES

sedoheptulose diphosphatase see sedoheptulose-bisphosphatase

sedoheptulose 7-phosphate
(RN) 2646-35-7
(SY) heptulose-7-phosphate
(HM) *SUGAR PHOSPHATES

sedormid see apronalide

sedyn-a-forte
(RN) 87413-60-3
(HM) *DIPYRONE
(HM) *DIPHENHYDRAMINE
(HM) *DIAZEPAM
(HM) DRUG COMBINATIONS
(PA) ANALGESICS
(NO) combination of above 3 cpds

seed storage protein, Ricinus communis
(SY) castor bean storage protein
(HM) *PLANT PROTEINS
(II) CASTOR BEAN

SeHCAT see 23-seleno-25-homotaurocholic acid

Se(75)HCAT see 23-seleno-25-homotaurocholic acid

selane see hydrogen selenide

seldomycins
(RN) 75635-18-6
(RR) 56276-04-1 (seldomycin factor 1)
(RR) 54333-78-7 (seldomycin factor 2)
(RR) 56276-05-2 (seldomycin factor 3)
(RR) 56276-26-7 (seldomycin factor 5)
(HM) PYRANS
(PA) ANTIBIOTICS
(NO) complex consisting of factors 1,2,3,5 from a soil isolate named Streptomyces hofunensis sp. nov; RN given refers to cpd with unknown MF; structure

selecron see profenofos

selenalysine
(RN) 57601-68-0
(HM) LYSINE/*analogs
(HM) *SELENIUM
(NO) structure

selenaproline
(RN) 63578-00-7
(SY) selenazolidine-4-carboxylic acid
(HM) PROLINE/*analogs
(II) SELENIUM
(NO) structure

selenazofurin
(RN) 83705-13-9
(SY) 2 beta-ribofuranosylselenazole-4-carboxamide
(SY) 2-ribofuranosylselenazole-4-carboxamide
(SY) RSC II
(HM) *RIBONUCLEOSIDES
(HM) *SELENIUM
(PA) ANTINEOPLASTIC AGENTS
(NO) selenazole analog of tiazofurin

selenazolidine-4-carboxylic acid see selenaproline

selenious acid
(RN) 7783-00-8
(RR) 7782-82-3 (mono-Na salt)
(RR) 14013-56-0 (Na [2:1] salt)
(RR) 15498-87-0 (unspecified Na salt)
(RR) 10102-18-8 (di-Na salt)
(RR) 7782-70-9 (K salt)
(RR) 10431-47-7 (di-K salt)
(RR) 26970-82-1 (di-Na salt pentahydrate)
(RR) 33975-68-7 (di-Na salt of 75Se-labeled cpd)
(RR) 14124-67-5 (anion)
(RR) 36207-61-1 (75-Se labeled anion)
(SY) selenite
(SY) sodium selenite
(SY) sodium hydroselenite
(SY) NaHSeO3
(SY) Na2SeO3
(HM) *SELENIUM
(NO) RN given refers to parent cpd; Merck Index and Chemline list a calcium sulfate dihydrate which is also known as selenite; structure

selenite see selenious acid

selenium binding protein see selenium-binding protein

selenium-binding protein
(SY) Se-binding protein
(SY) selenium binding protein
(HM) *CARRIER PROTEINS
(II) SELENIUM
(NO) found in rat tissue; MW 17,000; may mediate the biological functions of selenium in intestine & colon

selenium dioxide see selenium oxide

selenium disulfide
(RN) 7488-56-4
(SY) selenium sulfide (SeS2)
(SY) selenium sulfide
(HM) *SELENIUM

selenium oxide
(RN) 12640-89-0
(RR) 13768-86-0 (trioxide)
(RR) 7446-08-4 (dioxide)
(RR) 29121-98-0 (Cu(+2)[1:1] salt)
(RR) 15702-34-8 (Mn(+2)[1:1] salt)
(RR) 13814-59-0 (Cd[1:1] salt)
(RR) 10102-18-8 (di-Na salt)
(RR) 7782-82-3 (mono-Na salt)
(SY) selenium trioxide
(SY) sodium selenium trioxide
(SY) sodium selenium oxide
(SY) selenium dioxide
(HM) *SELENIUM
(NO) RN given refers to parent cpd with unknown MF; see also record for selenious acid

selenium sulfide see selenium disulfide

selenium sulfide (SeS2) see selenium disulfide

selenium trioxide see selenium oxide

selenocystamine
(RN) 2697-61-2
(RR) 3542-13-0 (di-HCl)
(HM) CYSTAMINE/*analogs
(HM) *SELENIUM
(NO) RN given refers to parent cpd; structure

selenocysteine
(RN) 3614-08-2
(RR) 18312-66-8 ((DL)-isomer)
(RR) 10236-58-5 ((L)-isomer)
(RR) 1425-65-6 (75Se-labeled cpd (L)-isomer)
(HM) CYSTEINE/*analogs
(HM) *SELENIUM
(NO) RN given refers to parent cpd

selenocysteine beta-lyase see selenocysteine lyase

selenocysteine lyase
(RN) EC 4.99.-
(SY) selenocysteine beta-lyase
(HM) *LYASES
(NO) decomposes L-selenocysteine into L-alanine & H2Se

selenocysteine-tRNA see tRNA, selenocysteine

selenocysteinyl-tRNA see tRNA, selenocysteine

selenocystine
(RN) 1464-43-3
(RR) 2897-21-4 ((DL)-isomer)
(RR) 29621-88-3 ((L)-isomer)
(RR) 26932-45-6 ((D)-isomer)
(HM) *SELENIUM
(HM) CYSTINE/*analogs
(PA) ANTIVIRAL AGENTS
(II) SULFHYDRYL REAGENTS
(NO) RN given refers to parent cpd; structure

selenodicysteine
(RN) 20710-99-0
(HM) *DIPEPTIDES
(HM) *SELENIUM
(NO) structure given in first source; RN given refers to L-isomer; RN for cpd without isomeric designation not in Chemline 3/84

selenodiglutathione
(RN) 33944-90-0
(HM) GLUTATHIONE/*analogs
(HM) *SELENIUM

6-selenoguanosine
(RN) 29411-74-3
(SY) NSC 137679
(HM) *SELENIUM
(HM) GUANOSINE/*analogs
(PA) ANTINEOPLASTIC AGENTS
(NO) potential antineoplastic agent; analog of 6-thioguanosine with slightly superior therapeutic index; structure

selenohomocysteine see selenomethylselenocysteine

23-seleno-25-homotaurocholic acid
(RN) 75018-70-1
(SY) SeHCAT
(SY) Se(75)HCAT
(SY) tauro-23-selena-25-homotaurocholic acid
(HM) TAUROCHOLIC ACID/*analogs
(HM) *SELENIUM
(II) RADIOISOTOPES

6-selenomethylcholesterol
(SY) (75)selenomethylcholesterol
(SY) (75)Se-methylcholesterol
(HM) CHOLESTEROL/*analogs
(HM) *SELENIUM
(II) RADIONUCLIDE IMAGING

(75)selenomethylcholesterol see 6-selenomethylcholesterol

selenomethylselenocysteine
(RN) 2574-71-2
(RR) 26046-90-2 ((L)-isomer)
(RR) 56927-12-9 (75Se-labeled cpd (L)-isomer)
(RR) 26145-42-6 ((DL)-isomer)
(SY) selenohomocysteine
(SY) Se-methyl-selenocysteine
(HM) CYSTEINE/*analogs
(HM) *SELENIUM
(NO) RN given refers to parent cpd

selenonorcholesterol
(RN) 63795-61-9
(SY) 6-methyl-(75)selenomethyl-19-norcholest-5(10)-en-3 beta-ol
(SY) scintadren
(SY) (75)selenonorcholesterol
(HM) *SELENIUM
(HM) CHOLESTEROL/*analogs
(NO) adrenal radioisotope scanning agents

(75)selenonorcholesterol see selenonorcholesterol

selenoprotein
(SY) selenoprotein P
(SY) selenoprotein P1
(HM) *CARRIER PROTEINS
(II) SELENIUM
(NO) selenocysteine-containing selenium-transport protein in rat plasma

selenoprotein P see selenoprotein

selenoprotein P1 see selenoprotein

seleno-tRNA
(SY) seleno-tRNA I
(SY) seleno-tRNA II
(SY) seleno-tRNA III
(HM) *SELENIUM
(HM) *RNA, TRANSFER

seleno-tRNA I see seleno-tRNA

seleno-tRNA II see seleno-tRNA

seleno-tRNA III see seleno-tRNA

self-phosphorylating protein kinase see eIF-2 kinase

Selora
(HM) *POTASSIUM CHLORIDE
(II) CONDIMENTS
(NO) salt substitute; contains 92% KCl, 6% potassium gluconate, 1% calcium silicate & 1% glutamic acid

semen glycoprotein p30 see seminal plasma proteins

semen liquefaction factor
(SY) liquefaction factor
(SY) chymotrypsin-like enzyme
(HM) *PEPTIDE HYDROLASES

(75)Se-methylcholesterol see 6-selenomethylcholesterol

Se-methyl-selenocysteine see selenomethylselenocysteine

semicarbazide see carbamylhydrazine

semidehydroascorbate see semidehydroascorbic acid

semidehydroascorbate reductase see monodehydroascorbate reductase (NADH)

semidehydroascorbic acid
(RN) 6730-29-6
(SY) semidehydroascorbate
(SY) monodehydroascorbate
(SY) monodehydroascorbic acid
(HM) DEHYDROASCORBIC ACID/*analogs
(II) FREE RADICALS
(NO) structure

semidine see 4-aminodiphenylamine

semihistone A24
(SY) UH2A
(SY) ubiquitin-histone 2A
(HM) *HISTONES
(HM) *UBIQUITIN
(NO) composed of histone H2A & ubiquitin peptides

seminal plasma calcium transport inhibitor protein see seminal plasma proteins

seminal plasma proteins
(SY) SVS-IV
(SY) seminal vesicle secretory protein
(SY) neonatal rat testicular secretory product
(SY) SVS IV
(SY) seminal vesicle protein
(SY) SVS-V
(SY) seminal plasma calcium transport inhibitor protein
(SY) gamma-seminoprotein
(SY) beta-microseminoprotein
(SY) PDC-109
(SY) secretory protein (SVP-4)
(SY) semen glycoprotein p30
(SY) SBP-C3
(HM) *PROTEINS
(PA) ANTINEOPLASTIC AGENTS
(II) TESTICULAR HORMONES
(II) SEMEN
(II) ANTIGENS, NEOPLASM
(NO) neonatal rat testicular secretory product (a crude mixture of testicular products, including proteins) inhibits endometrial cancer growth in vitro; major secretory proteins S & F are markers of androgen action

seminalplasmin
(HM) *PROTEINS
(PA) ANTI-INFECTIVE AGENTS
(PA) REVERSE TRANSCRIPTASE/antag
(II) SEMEN
(NO) antimicrobial protein from bovine seminal plasma

seminal vesicle protein see seminal plasma proteins

seminal vesicle secretory protein see seminal plasma proteins

seminin
(RN) EC 3.4.99.-
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) neutral proteinase from seminal plasma

seminolipid
(SY) 1-O-alkyl-2-O-acyl-3-(beta-3'-sulfogalactosyl) glycerol
(HM) *GLYCOLIPIDS
(NO) main glycolipid in testis and spermatozoa of various mammals

semiquinone anion see semiquinone radicals

semiquinone radicals
(RN) 3225-29-4
(SY) semiquinone anion
(HM) *QUINONES

semi-synthetic heparin analog see SSHA

Semliki Forest virus proteins see virus proteins, Semliki Forest

Semliki Forest virus spike glycoprotein see virus proteins, Semliki Forest

sempervirene see sempervirine

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sempervirine
(RN) 549-92-8
(SY) sempervirene
(SY) 1,2,3,4-tetrahydro-13H-benz(g)indole(2,3-a) pyridocolinium nitrate
(HM) *YOHIMBANS
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(NO) structure

sencor see metribuzin

Sendai activating enzyme
(RN) EC 3.4.-
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) inhibited by phenylmethylsulfonyl fluoride and soybean trypsin inhibitor; unaffected by sulfhydryl-blocking agents

Sendai virus fusion protein see virus fusion proteins

Sendai-virus NP protein see NP protein

Sendai virus nucleocapsid protein see NP protein

senecioic acid
(RN) 541-47-9
(SY) beta,beta-dimethylacrylic acid
(SY) beta-methylcrotonic acid
(HM) *CROTONIC ACIDS
(II) INSECT REPELLENTS
(NO) structure

senecionine
(RN) 130-01-8
(RR) 51148-14-2 (citrate[1:1] salt)
(RR) 51025-93-5 (unspecified citrate salt)
(RR) 480-79-5 ((15E)-isomer)
(HM) *PYRROLIZIDINE ALKALOIDS
(II) SENECIO
(NO) RN given refers to parent cpd; structure

seneciphylline
(RN) 480-81-9
(RR) 520-59-2 ((12 beta,15E)-isomer)
(HM) *PYRROLIZIDINE ALKALOIDS
(NO) RN given refers to parent cpd; structure

Senekot see sennoside A&B

senkirkine
(RN) 2318-18-5
(HM) *PYRROLIZIDINE ALKALOIDS
(PA) CARCINOGENS
(NO) Senecio alkaloid; structure

sennoside see sennoside A&B

sennoside A see sennoside A&B

sennoside A&B
(RN) 517-43-1
(RR) 81-27-6 (sennoside A)
(RR) 128-57-4 (sennoside B)
(RR) 52730-36-6 (unspecified Ca salt of sennoside A)
(RR) 52730-37-7 (unspecified Ca salt of sennoside B)
(RR) 62211-03-4 (Ca[1:1] salt of sennoside A)
(RR) 73613-08-8 (sennoside Ca)
(SY) sennoside A
(SY) Senekot
(SY) sennoside B
(SY) sennoside
(SY) pursennid
(HM) *ANTHRAQUINONES
(PA) CATHARTICS
(II) SENNA
(NO) complex diglycone composed of sennoside A & B; A refers to the R,R-isomer and B refers to the R,S-isomer; see also records for sennosides C,D,E,F,G; structure

sennoside B see sennoside A&B

anti-sense RNA see complementary RNA

sensitin
(HM) *ANTIGENS
(II) ANTIGENS, BACTERIAL
(NO) preparation from pathogenic agent capable of revealing delayed sensitivity revoked by the agent

sephacryl Superfine
(SY) Sephacryl S-400 Superfine
(SY) Sephacryl S-300 Superfine
(SY) Sephacryl S-1000 Superfine
(SY) S 1000 sephacryl
(HM) *ACRYLIC RESINS
(NO) gel filtration medium

Sephacryl S-1000 Superfine see sephacryl Superfine

Sephacryl S-300 Superfine see sephacryl Superfine

Sephacryl S-400 Superfine see sephacryl Superfine

sephacryl S 200
(RN) 65546-95-4
(SY) sephacryl S-200
(HM) *ACRYLIC RESINS

sephacryl S-200 see sephacryl S 200

S 1000 sephacryl see sephacryl Superfine

sephadex
(RN) 9014-76-0
(RR) 37224-29-6 (sephadex G 75)
(RR) 12774-36-6 (sephadex G 150)
(RR) 11081-40-6 (sephadex G 15)
(RR) 9050-94-6 (sephadex G 100)
(RR) 9050-68-4 (sephadex G 10)
(RR) 9048-71-9 (sephadex G 50)
(RR) 9041-35-4 (sephadex G 25)
(RR) 9041-37-6 (sephadex LH 20)
(RR) 9041-36-5 (sephadex G 200)
(RR) 12624-28-1 (sephadex G)
(SY) sephadex G-200
(SY) sephadex LH-20
(SY) sephadex G-25
(SY) sephadex G-75
(SY) sephadex gels
(HM) *DEXTRANS
(II) GELS
(II) INDICATORS AND REAGENTS
(NO) RN given refers to cpd with unknown MF

sephadex gels see sephadex

sephadex G-200 see sephadex

sephadex G-25 see sephadex

sephadex G-75 see sephadex

sephadex, 2-hydroxypropyl ether
(RN) 9049-22-3
(SY) hydroxypropylsephadex
(SY) hydroxypropylsephadex G 100
(HM) *DEXTRANS
(NO) RN given refers to 2-hydroxypropyl ether sephadex G 50

sephadex LH-20 see sephadex

sepharose CL 6B-2-(diethylamino)ethyl ether see DEAE-Sepharose CL-6B

sepharose CL 4B
(RN) 61970-08-9
(SY) sepharose CL-4B
(HM) SEPHAROSE/*analogs

sepharose CL-4B see sepharose CL 4B

sepharose-ethanethiol see ethanethiol-sepharose

sepharose-hexyl-adenosine 5'-monophosphate see adenosine monophosphate-sepharose

Sepharose 6MB
(RN) 64296-53-3
(HM) SEPHAROSE/*analogs
(NO) sepharose-albumin conjugate immobilization support for cytochrome C

sepharose-palmitic see palmityl-sepharose

sepharose-4B-polyisoluminol
(RN) 80802-63-7
(SY) S4B-PIL
(HM) SEPHAROSE/*analogs
(II) INDICATORS AND REAGENTS
(NO) chemoluminescent probe; partial structure in first source

sepharose-stearate see stearate-sepharose

sepiapterin
(RN) 17094-01-8
(SY) 2-amino-6-(S)-lactoyl-7,8-dihydro-4(3H)-pteridinone
(HM) *PTERIDINES
(NO) structure

sepiapterin reductase
(RN) EC 1.1.1.153
(RR) 9059-48-7 (CRN)
(SY) biopterin synthase
(HM) *ALCOHOL OXIDOREDUCTASES

sepiapterin synthase
(RN) EC 1.1.-
(HM) *ALCOHOL OXIDOREDUCTASES
(HM) *MULTIENZYME COMPLEXES
(NO) dihydroneopterin is converted to sepiapterin in the presence of one or more enzymes

sepiapterin synthase A
(RN) EC 1.1.99.-
(SY) 6-pyruvoyl-H4-pterin synthase
(SY) sepiapterin synthesizing enzyme 1
(HM) *ALCOHOL OXIDOREDUCTASES
(NO) converts dihydroneopterin triphosphate to pyruvoyl-H4-pterin; requires Mg; removes triphosphate group & oxidizes 2 alcohol residues to ketones; component of the PDA synthase system

sepiapterin synthesizing enzyme 1 see sepiapterin synthase A

Sep-Pak C18
(RN) 77030-95-6
(SY) octadecyl silane-bonded silica
(HM) *SILICA

septacidin
(RN) 62362-59-8
(SY) LIA-0101
(SY) LIA-0101 B
(SY) spicamycin
(SY) 2'-epi-septacidin
(HM) PURINE NUCLEOSIDES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(PA) ANTIBIOTICS, ANTIFUNGAL
(NO) structure

2'-epi-septacidin see septacidin

septamycin
(RN) 54927-63-8
(RR) 55924-40-8 (Na salt)
(HM) ETHERS
(PA) ANTIBIOTICS
(NO) polyether antibiotic produced by a strain of Streptomyces hygroscopicus NRRL 5687; MF is C48-H82-016; RN given is for parent cpd; Negwer has a different septamycin which is one of the synonyms for chlortetracycline; structure

septopal see gentamicin-polymethylmethacrylate bead

Septrin see Bactrim

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sequence-ovosiston see ovosiston

sequens see ovosiston

Ser(31)-ACTHalpha(18-39) see corticotropin-like intermediate lobe peptide

Ser(t-butyl)(6)-Az(2)-GlyNH(2)(10)-LHRH see ICI 118630

sergeolide
(HM) *PLANT EXTRACTS
(PA) ANTIMALARIALS
(II) PLANTS, MEDICINAL
(NO) quassinoid from Simaroubaceae Picrolemma pseudocoffea

Ser-Gln-Leu-Gln-Lys-Val-Pro-Pro-Glu-Trp-Lys see fibrinogen peptide 6D

sericin
(HM) *PEPTIDES, CYCLIC
(NO) peptide in silk; structure

Sericosol N see glycerol formal

sericystatin
(SY) sericystatin A
(HM) *PROTEINS
(PA) PROTEASE INHIBITORS
(NO) found in many organs; inhibits proteins & enzymes of both the serine & cysteine classes; distributed in several isoinhibitor forms; MW 11,000-13,000; inhibitor mechanism is based on an active sulfhydryl group of the inhibitor interacting with the disulfide bridge of the inhibited proteinase

sericystatin A see sericystatin

Ser(17) IFN-beta see interferon beta, Ser(17)-

4-Ser-8-Ile-oxytocin see isotocin

serine acetate ester see O-acetylserine

serine acetyltransferase
(RN) EC 2.3.1.30
(RR) 9023-16-9 (CRN)
(SY) serine transacetylase
(HM) *ACETYLTRANSFERASES

31-serine-ACTHalpha(18-39) see corticotropin-like intermediate lobe peptide

serine aminotransferase see serine-pyruvate aminotransferase

serine-borate complex
(SY) borate-serine complex
(HM) *BORATES
(HM) *SERINE
(NO) affects leukotriene binding; consists of serine & sodium borate

serine carboxypeptidase
(RN) EC 3.4.16.1
(RR) 9046-67-7 (CRN)
(SY) carboxypeptidase C
(SY) carboxypeptidase Y
(HM) *CARBOXYPEPTIDASES

serine esterase
(RN) EC 3.1.-
(HM) *ESTERASES

serine ethanolamine phosphate
(RN) 1186-34-1
(RR) 16106-04-0 ((D)-isomer)
(SY) serine ethanolamine phosphodiester
(HM) PHOSPHOSERINE/*analogs
(NO) found in lens of cod and haddock; RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 6/83; structure

serine ethanolamine phosphodiester see serine ethanolamine phosphate

serine exchange enzyme see phospholipid serine base exchange enzyme

serine-glyoxylate aminotransferase
(RN) EC 2.6.1.45
(SY) asparagine aminotransferase
(HM) *AMINOTRANSFERASES
(HM) SERINE
(HM) GLYOXYLATES
(NO) pea enzyme; also uses asparagine as amino donor with either pyruvate or glyoxylate as acceptor

serine human angiotensin tetradecapeptide see H-asparaginyl-arginyl-valyl-tyrosyl-isoleucyl-histyl-prolyl-phenylalanyl-histyl-leucyl-valyl-isoleucyl- serine

serine hydroxamate
(RN) 31697-35-5
(RR) 55779-32-3 ((+-)-isomer)
(HM) SERINE/*analogs
(NO) RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 6/83

serine (B24) insulin see insulin, Ser (B24)-

serine (B25) insulin see insulin, Ser (B25)-

serine(17) interferon beta see interferon beta, Ser(17)-

4-L-serine-8-L-isoleucine-oxytocin see isotocin

4-serine-8-isoleucine-oxytocin see isotocin

serine palmitoyltransferase
(RN) EC 2.3.1.50
(SY) palmitoyl-CoA-L-serine C-palmitoyltransferase (decarboxylating)
(HM) *ACYLTRANSFERASES

serine phospholipid exchange enzyme see phospholipid serine base exchange enzyme

serine PIE see serine protease inhibitors, endogenous

serine protease A see serine proteinases

serine protease inhibitors, endogenous
(SY) serine proteinase inhibitors, endogenous
(SY) serine PIE
(HM) *PROTEINS
(PA) PROTEASE INHIBITORS
(NO) endogenous cpds found in many organs which inhibit proteins or enzymes of the serine class

serine proteases see serine proteinases

serine proteinase inhibitors, endogenous see serine protease inhibitors, endogenous

serine proteinases
(RN) EC 3.4.21.-
(SY) serine proteases
(SY) crab protease
(SY) collagenolytic serine protease
(SY) serine protein hydrolases
(SY) serine protease A
(HM) *PEPTIDE PEPTIDOHYDROLASES

serine protein hydrolases see serine proteinases

serine-pyruvate aminotransferase
(RN) EC 2.6.1.51
(RR) 9030-88-0 (CRN)
(SY) serine aminotransferase
(HM) *AMINOTRANSFERASES

serine receptor
(SY) receptor, serine
(SY) serine receptors
(HM) *SYNAPTIC RECEPTORS
(II) SERINE

serine receptors see serine receptor

serine O-sulfate
(RN) 626-69-7
(RR) 19794-48-0 ((D)-isomer)
(RR) 40860-49-9 (mono-K salt(DL)-isomer)
(RR) 40860-25-1 (mono-K salt(D)-isomer)
(RR) 17436-02-1 (mono-K salt(L)-isomer)
(SY) L-serine O-sulfate
(HM) SERINE/*analogs
(NO) RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 7/29/83

L-serine O-sulfate see serine O-sulfate

serine sulfhydrolyase
(RN) EC 4.2.99.-
(HM) *LYASES
(NO) serine + hydrogen sulfide gives cysteine

serine transacetylase see serine acetyltransferase

serine-tRNA see tRNA, serine-

Ser (B24) insulin see insulin, Ser (B24)-

Ser (B25) insulin see insulin, Ser (B25)-

serirubicin
(RN) 94593-72-3
(HM) ANTHRAQUINONES
(PA) ANTIBIOTICS
(NO) isolated from Streptomyces cyaneus; RN from Chem Abstracts, 1985; RN not in Chemline 9/85; structure given in first source

Serisol Fast Orange GD see Disperse Orange 3

Serisol Fast Yellow GD see Dispersion Yellow 3

Ser(1)-Lys(17,18)-ACTHoctadecapeptide amide(1-18) see 41795-Ba

Ser-Met see serylmethionine

serono see leuprolide

serosophil
(SY) serozofil
(HM) *BIOLOGICS
(II) BIOLOGICAL PRODUCTS
(NO) absorbable suture made from serous membrane of pigs' small intestine

serotonectin
(HM) *CARRIER PROTEINS
(II) BLOOD PROTEINS
(II) GLYCOPROTEINS
(NO) from platelets; glycoprotein which binds serotonin and connects it to platelet membranes; different from neuronal serotonin-binding proteins; see also serotonin-binding proteins

serotonin azidobenzamidine see 3-(2-(4-azidobenzamidino)ethyl)-5-hydroxyindole

serotonin-binding protein
(HM) *CARRIER PROTEINS
(II) SEROTONIN
(NO) see also serotonectin which is a serotonin-binding protein from platelets; differs from neuronal serotonin-binding protein

serotonin-creatinine sulfate see 5-hydroxytryptamine creatinine sulfate

serotonin O-sulfate see 5-hydroxytryptamine O-sulfate

serozofil see serosophil

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serpentine (alkaloid)
(RN) 18786-24-8
(RR) 58782-36-8 (hydrogen tartrate[1:1] salt)
(RR) 131-07-7 (hydroxide inner salt)
(RR) 642-18-2 ((19alpha,20alpha)-hydroxide, inner salt)
(RR) 47485-83-6 ((19alpha,20alpha)-isomer)
(SY) alstonine
(HM) *YOHIMBANS
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(NO) do not confuse with mineral serpentine; RN given refers to (19alpha)-isomer; RN for cpd without isomeric designation not in Chemline 6/83; structure

SerP-tRNA see tRNA, O(beta)-phosphoserine-

serrapeptase see serratiopeptidase

Serratia 56K protease see microbial metalloproteinases

serratiopeptidase
(RN) EC 3.4.-
(SY) serrapeptase
(SY) dasen
(HM) *PEPTIDE HYDROLASES
(NO) proteolytic enzyme preparation used concomitantly with an antibiotic in osteoarticular infections

sertraline
(RN) 79617-96-2
(RR) 79645-15-1 (HCl(1R-cis)-isomer)
(RR) 79617-99-5 (trans-(+-)-isomer
(RR) 79617-98-4 ((1R-cis)-isomer)
(RR) 79617-95-1 ((cis-(+-)-isomer)
(RR) 79617-89-3 (HCl(cis-(+-))-isomer)
(RR) 79559-97-0 ((HCl(1S-cis)-isomer)
(SY) 1S,4S-N-methyl-4-(3,4-dichlorophenyl)-1,2,3,4-tetrahydro-1-naphthylamine
(HM) *1-NAPHTHYLAMINE/analogs
(PA) SEROTONIN ANTAGONISTS
(NO) RN given refers to (1S-cis)-isomer; RN for cpd without isomeric designation not in Chemline 10/83; structure given in first source

Ser-tRNA see tRNA, serine-

Ser-tRNA pTase see seryl-tRNA-ATP phosphotransferase

serum acid labile factor see PAF 2-acylhydrolase

serum actin inhibitory protein see actin depolymerizing proteins

serum albumin, bovine-formaldehyde see formaldehyde-serum albumin

serum albumin, bovine, methylated see methylated bovine serum albumin

serum albumin, glycosylated see glycosylated serum albumin

serum albumin receptors see albumin receptor

serum albumin (1-24)
(HM) *SERUM ALBUMIN
(HM) *PEPTIDE FRAGMENTS
(NO) amino-terminal peptide fragment 1-24

serum allogenic factor see allogenic effect factor

serum component cell stimulating factor see cell spreading factor

serum fragment E see fibrinogen fragment E

serum immunosuppressive substance (IS) see immunosuppressive substance (IS)

serum opacity factor see opacity factor

serum protein, glucosylated see glucosylated serum protein

serum protein, glycosylated see glycosylated serum protein

serum spreading factor see cell spreading factor

serum thymic factor receptor
(SY) receptor, serum thymic factor
(SY) serum thymic factor receptors
(SY) thymic factor, circulating receptor
(SY) receptor, thymic factor, circulating
(SY) thymic factor, circulating receptors
(HM) *RECEPTORS, IMMUNOLOGIC
(II) THYMIC FACTOR, CIRCULATING

serum thymic factor receptors see serum thymic factor receptor

serva blue G see coomassie Brilliant Blue

servalyte
(RN) 70122-21-3
(HM) *ELECTROLYTES
(II) INDICATORS AND REAGENTS
(NO) carrier ampholyte reagent in electrofocusing

N-serve see nitrapyrin

1-seryl-17,18-lysine-ACTHoctadecapeptide amide(1-18) see 41795-Ba

serylmethionine
(RN) 3227-09-6
(SY) L-seryl-L-methionine
(SY) Ser-Met
(HM) *DIPEPTIDES
(NO) RN given refers to (all-L)-isomer; RN for cpd without isomeric designation not in Chemline 8/29/83

L-seryl-L-methionine see serylmethionine

seryl-tRNA see tRNA, serine-

seryl-tRNA-ATP phosphotransferase
(RN) EC 2.7.1.-
(SY) Ser-tRNA pTase
(HM) *PHOSPHOTRANSFERASES, ATP
(NO) produces phosphoseryl tRNA; plays suppressor role in in vitro globin synthesis

sesamex
(RN) 51-14-9
(HM) *DIOXOLES
(II) PESTICIDE SYNERGISTS
(NO) minor descriptor (72-85); on-line & Index Medicus search DIOXOLES (72-85); RN given refers to parent cpd

sesamol
(RN) 533-31-3
(RR) 51114-03-5 (Na salt)
(RR) 62266-16-4 (ion (1+))
(RR) 67859-12-5 (Ti(+4) salt)
(RR) 68230-07-9 (Li salt)
(SY) 3,4-methylenedioxyphenol
(HM) *PHENOLS
(II) ANTIOXIDANTS
(NO) constituent of sesame oil; RN given refers to parent cpd; structure in first source

Sesquelan see infecundin

setamycin
(RN) 80112-34-1
(HM) *ANTIBIOTICS
(NO) from acinomycetes strain KM-6054; no other information available 1/11/82

setoperone
(HM) *PYRIMIDINONES
(PA) SEROTONIN/antag

SE toxin I see toxin I (Anemonia sulcata)

SE toxin II see toxin II (Anemonia sulcata)

SETOXIN III see toxin III (Anemonia sulcata)

SE toxin III see toxin III (Anemonia sulcata)

severin
(HM) *FUNGAL PROTEINS
(HM) *MICROFILAMENT PROTEINS
(NO) 40,000 dalton protein from Dictyostelium that dissociates actin filaments in Ca++ dependent manner

sevilene see ethylenevinylacetate copolymer

sevoflurane
(RN) 28523-86-6
(SY) BAX 3084
(SY) fluoromethyl-2,2,2-trifluoro-1-(trifluoromethyl) ethyl ether
(SY) fluoromethyl hexafluoroisopropyl ether
(HM) *ETHERS
(PA) ANESTHETICS
(NO) structure

Sevriton
(RN) 65099-13-0
(RR) 60433-99-0 (sevriton cavity primer)
(RR) 12712-61-7 (sevriton simplified)
(HM) *ACRYLIC RESINS
(NO) RN given refers to parent cpd; used in dental restoration

sex-linked protein (murine) see Slp protein

sex-steroid binding protein see sex-steroid-binding protein

sex-steroid-binding protein
(SY) estradiol binding proteins
(SY) sex-steroid binding protein
(HM) *CARRIER PROTEINS
(II) SEX HORMONES
(II) ESTRADIOL
(NO) in plasma of freshwater turtle, Chrysemys picta; no indication that it is the globulin in MeSH; protein MW 88,000 isolated from many species including human

sexual agglutination factors see mating factor

S(E) 2620 see almitrine

SE-5023 see duxil

SE 5023 see duxil

SE 780 see benfluorex

sfericase
(RN) EC 3.4.21.-
(SY) AL-794
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) serine protease from Bacillus sphaericus, has 2 undializable calcium ions

sfiA gene product see gene proteins, bacterial

SFi I endonuclease see endodeoxyribonuclease SfiI

SfiI endonuclease see endodeoxyribonuclease SfiI

SFLAG see sialylfucosyllactosaminoglycan

SFL 100-2 see fucose-binding protein

SFP see spleen fibrinolytic proteinase (human)

sfrA gene product see dye gene product

SFV E2 see virus proteins, Semliki Forest

SFV E3 see virus proteins, Semliki Forest

SFV ns70 see virus proteins, Semliki Forest

SFVPS see virus proteins, Semliki Forest

SFV p62 see virus proteins, Semliki Forest

SF 1623
(RN) 56487-86-6
(SY) SF-1623
(HM) *CEPHAMYCINS
(NO) from Streptomyces chartreusis SF-1623; structure given in first source

SF-1623 see SF 1623

SF 1623B
(RN) 58301-37-4
(SY) SF-1623B
(HM) *CEPHAMYCINS
(NO) from Streptomyces chartreusis SF-1623; structure given in first source

SF-1623B see SF 1623B

SF-1902 see globomycin

SF-1902 A2 see globomycin

SF-1902 A3 see globomycin

SF-1902 A4a see globomycin

SF-1902 A4b see globomycin

SF-1902 A5 see globomycin

SF-2052 see dactimicin

SF-2080A see pyrrolomycin A

SF-2080F see pyrrolomycin B

SF 2103 A see pluracidomycin

SF-2103A see pluracidomycin

SF 2140
(SY) SF-2140
(SY) methyl-(3-cyanomethyl-4-methoxyindole-1-yl-N-(4-deoxy-alpha lyxo-hexopyranoside))uronate
(HM) *INDOLES
(PA) ANTIBIOTICS
(PA) ANTIVIRAL AGENTS
(NO) isolated from Actinomadura sp.; structure given in first source

SF-2140 see SF 2140

SF-6847 see SF 6847

SF6847 see SF 6847

SF 6847
(RN) 51601-81-1
(SY) 3,5-di-tert-butyl-4-hydroxybenzylidenemalononitrile
(SY) SF6847
(SY) SF-6847
(HM) *NITRILES
(II) UNCOUPLING AGENTS
(II) IONOPHORES

SF 837 see midecamycin

SF 86-327
(RN) 91161-71-6
(RR) 78628-81-6 ((Z)-isomer)
(SY) SF-86-327
(HM) *NAPHTHALENES
(PA) ANTIFUNGAL AGENTS
(PA) OXYGENASES/antag
(NO) synthetic antifungal agent inhibiting fungal squalene epoxidase; structure given in first source; RN given refers to (E)-isomer; RN for cpd without isomeric designation not available 1/85

SF-86-327 see SF 86-327

SGB 1534
(RN) 88068-72-8
(SY) SGB-1534
(SY) 3-(2-(4-(2-methoxyphenyl)-1-piperazinyl)ethyl)-(1H,3H)-quinazoline-2,4-dione HCl
(HM) *QUINAZOLINES
(PA) ADRENERGIC ALPHA RECEPTOR BLOCKADERS
(NO) RN given refers to mono-HCl; RN for parent cpd not in Chemline 10/84

SGB-1534 see SGB 1534

SGB-483 see SGB 483

SGB 483
(RN) 81185-85-5
(RR) 81196-08-9 (maleate (1:1))
(RR) 81186-05-2 (di-HCl)
(RR) 81186-03-0 (HCl)
(RR) 81186-02-9 (tartrate(R-(R*,R*))-isomer)
(RR) 81186-01-8 (fumarate (1:1))
(SY) SBG-483
(SY) ethyl-7-(4-(2-methoxyphenyl)-1-piperazinyl) heptanoate dihydrochloride
(SY) SGB-483
(SY) SBG 483
(HM) *PIPERAZINES
(PA) ANTIHYPERTENSIVE AGENTS
(NO) RN given refers to parent cpd; structure given in first source

Sgd Scha 1059 see binodaline

SGD-101-75 see SGD 101-75

SGD 101-75
(RN) 81972-22-7
(SY) 4-(2-imidazoline-amino)-2-methylindazol-chlorhydrate
(SY) SGD-101-75
(HM) CLONIDINE/*analogs
(PA) ADRENERGIC ALPHA RECEPTOR AGONISTS

Sgd 14480 see fluprophylline

Sgd-14480 see fluprophylline

Sgd-19578 see flufylline

Sgd 19578 see flufylline

Sgd 24774 see beclobrate

Sgd 301-76 see oxiconazole

Sgd 33374 see eniclobrate

SGD-8473 see Sgd 8473

Sgd 8473
(RN) 59079-16-2
(SY) alpha-((4-chlorobenzylideneamino)oxy)isobutyric acid
(SY) SGD-8473
(HM) *HYDROXAMIC ACIDS

SGG see sulfogalactosylalkylacylglycerol

SG-G100 see salmon gonadotropin

SGPA see Streptomyces griseus protease A

SGPB see Streptomyces griseus protease B

S6-GTP see 6-thioguanosine 5'-triphosphate

SG 103
(RN) 34104-46-6
(SY) SG-103
(HM) NICOTINAMIDE/*analogs
(PA) VASODILATOR AGENTS
(NO) structure given in first source

SG-103 see SG 103

SG 114
(SY) SG-114
(SY) 3,5-bis((2'-nitroxyethyl)aminocarbonyl)pyridine
(HM) NICOTINAMIDE/*analogs
(PA) VASODILATOR AGENTS
(NO) structure given in first source

SG-114 see SG 114

SG-75 see nicorandil

SG 75 see nicorandil

SH B 259 AB see Modicon

SH 213 AB see iotroxic acid

shakuyaku-kanzoh-toh
(SY) SKT extract
(SY) shakuyakukanzoto
(HM) *PLANT EXTRACTS
(PA) ANTI-INFLAMMATORY AGENTS
(II) GLYCYRRHIZA
(II) PLANTS, MEDICINAL
(NO) traditional Chinese medicine of peonie root, Paeoniae Radix & licorice root, Glycyrrhizae Radix

shakuyakukanzoto see shakuyaku-kanzoh-toh

SHAM see salicylhydroxamic acid

SHAT see H-asparaginyl-arginyl-valyl-tyrosyl-isoleucyl-histyl-prolyl-phenylalanyl-histyl-leucyl-valyl-isoleucyl- serine

SHB 286 see sulprostone

SH B 3331 see Gestodene

SHDMTN see 2-spirohydantoin-6,7-dimethoxytetrahydronaphthalene

Shengji ointment
(HM) *PLANT EXTRACTS
(II) WOUND HEALING
(II) OINTMENTS
(NO) ointment consisting of Crinis, Plastrum Testudinis; Radix, Gypsum Fibrosum; Calamina, Cera Flava, Corium Elephatis, Oleum Sesami

SH E 222 see mepindolol

SHG14NS see minigastrin

SHG17NS see heptadecapeptide gastrin

SHHHT see san-huang-hsieh-hsin-tang

Shiga toxin
(SY) Shigella cytotoxin
(HM) *BACTERIAL TOXINS
(II) SHIGELLA
(NO) from Shigella dysenteriae; lethal to mice & rabbits & cytotoxic to various cell lines; inhibits peptide elongation

Shigella cytotoxin see Shiga toxin

shigella toxin receptor
(SY) receptor, shigella toxin
(SY) shigella toxin receptors
(HM) *RECEPTORS, IMMUNOLOGIC
(II) SHIGELLA DYSENTERIAE

shigella toxin receptors see shigella toxin receptor

shikimate dehydrogenase
(RN) EC 1.1.1.25
(RR) 9026-87-3 (CRN)
(SY) dehydroshikimate reductase
(HM) *ALCOHOL OXIDOREDUCTASES

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shikimate kinase
(RN) EC 2.7.1.71
(RR) 9031-51-0 (CRN)
(HM) *PHOSPHOTRANSFERASES, ATP

shikimate-3-phosphate see shikimic acid-3-phosphate

shikimic acid-3-phosphate
(RN) 63959-45-5
(SY) shikimate-3-phosphate
(HM) SHIKIMIC ACID/*analogs
(NO) RN given refers to (3R-(3alpha,4alpha,5beta))-isomer; RN for cpd without isomeric designation not in Chemline 11/84; structure given in first source

shikimin see anisatin

Shimeji kininase
(RN) EC 3.4.-
(SY) kinin-inactivating enzyme
(HM) *PEPTIDE HYDROLASES
(NO) from mushroom Tricholoma conglobatum; rapidly destroys kinin; has anti-inflammatory activity

SH-MM-lysolecithin see 1-mercaptohexadecyl-2-methoxymethyl-syn-glycero-3-phosphocholine

shogaol
(RN) 555-66-8
(SY) (6)-shogaol
(HM) *CATECHOLS
(PA) MUTAGENS
(II) PLANT EXTRACTS
(NO) from ginger, Zingiber officinale; less mutagenic than gingerol; structure given in first source

(6)-shogaol see shogaol

short-chain beta-hydroxyacyl-CoA dehydrase
(RN) EC 4.2.1.-
(SY) beta-hydroxybutyryl-CoA dehydrase
(HM) *ENOYL COA HYDRATASES
(NO) forms trans-2-enoyl-CoA; maximal activity with trans-2-hexenoyl-CoA, followed by crotonyl-CoA; not the same as EC 4.2.1.17

short ragweed component RA5 see ragweed allergen Ra5

short ragweed pollen allergen Ra3 see ragweed allergen Ra3

short ragweed pollen allergen Ra6 see ragweed allergen Ra6

shosaiko-to
(SY) shosaiko-toh
(HM) *PLANT EXTRACTS
(PA) ANTI-INFLAMMATORY AGENTS
(II) PLANTS, MEDICINAL
(NO) traditional Chinese medicine

shosaiko-toh see shosaiko-to

SH protease see thiol proteinases

SH-protease inhibitors see thiolprotease inhibitor

SHU 454
(SY) SHU-454
(SY) echocon
(HM) *POLYSACCHARIDES
(II) CONTRAST MEDIA
(NO) ultrasonic contrast agent

SHU-454 see SHU 454

SH 273 see iotroxamide

SH-434 see 17-propylmesterolone

SH 434 see 17-propylmesterolone

SH 70833 D see Gynodian

SH 7.1122 see Modicon

SH-869 see SH 869

SH 869
(RN) 49845-39-8
(SY) 2-piperazinyl-4-thiomorpholinopyrido(3,2-d) pyrimidine sulfate
(SY) SH-869
(HM) *PYRIMIDINES
(PA) ANTINEOPLASTIC AGENTS
(II) PLATELET ADHESIVENESS/drug eff
(NO) RN, NM & NI refer to sulfate; parent cpd not in Chemline 6/83

SH 90300 D see dehydroepiandrosterone enanthate

sialate O-acetylesterase
(RN) EC 3.1.1.53
(SY) neuraminate-O-acetylesterase
(HM) *CARBOXYLIC ESTER HYDROLASES

sialic acid see N-acetylneuraminic acid

sialic acid aldolase see N-acetylneuraminate lyase

sialic acid-binding lectin
(SY) carcinoscorpin
(SY) sialic acid-specific lobster lectin
(SY) lobster agglutinin I
(HM) *LECTINS
(II) HEMAGGLUTINATION
(II) SIALIC ACIDS
(NO) sialic acid-binding glycoprotein lectin isolated from the indian horseshoe crab, Carcinoscorpius rotunda cauda; MW 42,000; also isolated from American lobster

sialic acid-specific lobster lectin see sialic acid-binding lectin

sialogangliosde see sialogangliosides

sialogangliosides
(SY) sialoganglioside
(HM) *GANGLIOSIDES
(NO) mono-, di-, tri-, tetra-, & pentasialogangliosides have been mentioned in the literature

sialo-glycolipid receptor see glycolipid receptor

sialoglycolipid receptors see glycolipid receptor

sialoglycolipids
(HM) *GLYCOLIPIDS

sialomucin see sialomucins

sialomucins
(SY) sialomucin
(HM) *MUCINS
(NO) serum sialomucins are seromucoids (OROSOMUCOID; formerly indexed as GLYCOPROTEINS and SIALIC ACIDS); Chemline has an RN for a cpd known as sialomucin which is a synonym for O-sialic acid, a component of mucoproteins

sialooligosaccharides
(SY) sialyloligosaccharides
(HM) *OLIGOSACCHARIDES

sialosylgalactosylceramide G(M4) see ganglioside, GM4

sialosylgalactosylceramide, G(7)
(HM) *GANGLIOSIDES
(NO) major component ganglioside of human myelin; contains galactosylceramide moiety in place of usual glucosylceramide unit

sialosylgloboside
(RN) 86168-20-9
(SY) sialosylglobotetraosylceramide
(HM) *GLOBOSIDES
(II) ANTIGENS, NEOPLASM
(NO) isolated from human teratocarcinoma cells; similar globoside proposed as marker for amyotropic lateral sclerosis; see also record for sialosylparagloboside

sialosylglobotetraosylceramide see sialosylgloboside

sialosyllactotetraosylceramide
(SY) SLLTC
(HM) *GANGLIOSIDES
(II) ANTIGENS, NEOPLASM
(NO) ganglioside antigen detected in human carcinomas

sialosylparagloboside
(RN) 71833-57-3
(SY) NeuNAc(alpha,2--73)Gal(beta,1--74)GlcNAc(beta,1--73)Gal(beta,1--74)Glc-Cer
(HM) *GLOBOSIDES
(NO) see also record for sialosylgloboside

sialyl apo C-III see apolipoprotein C-III

sialyl apolipoprotein C-III see apolipoprotein C-III

sialylated fucosyl lactosaminoglycan see sialylfucosyllactosaminoglycan

sialylfucosyllactosaminoglycan
(SY) sialylated fucosyl lactosaminoglycan
(SY) SFLAG
(HM) *POLYSACCHARIDES
(HM) *AMINO SUGARS
(NO) from human neutrophilic granulocytes; structure given in first source

sialyllactitol see neuramin lactitol

2-(N-3'-sialyllactityl)aminopyridine
(RN) 83073-74-9
(SY) 3-SL-AP
(HM) *AMINOPYRIDINES
(II) FLUORESCENT DYES
(NO) fluorogenic cpd for sialidase activity determination; structure given in first source

2-(N-6'-sialyllactityl)aminopyridine
(RN) 85179-36-8
(SY) 6-SL-AP
(HM) *AMINOPYRIDINES
(II) FLUORESCENT DYES
(NO) fluorogenic cpd for sialidase activity determination; structure given in first source

sialyl-lactose
(RN) 11040-27-0
(HM) LACTOSE/*analogs
(HM) *SIALIC ACIDS

sialyloligosaccharides see sialooligosaccharides

sialyltransferase see CMP-N-acetylneuraminate-galactosylglycoprotein sialyltransferase

SIBA see 5'-deoxy-5'-S-isobutylthioadenosine

Sibelium see flunarizine

Sicorten see halometasone

sid blood group antigen see Sd(a) blood group antigen

sideramines
(HM) *HYDROXAMIC ACIDS
(II) IRON CHELATES
(NO) cpds containing iron (III) surrounded by hydroxamates

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siderochelin C
(RN) 9.973-61-6
(SY) 3,4-dihydro-4-ethyl-4-hydroxy-5-(3-hydroxy-2-pyridyl)-2H-pyrrole-2-carboxamide
(HM) PYRIDINES
(PA) ANTIBIOTICS
(NO) from fermentation products of an actinomycete (Abbott strain 69-209B-89; structure given in first source

siderochrome receptor see siderophore receptor

siderochrome receptors see siderophore receptor

siderochromes
(SY) siderophores
(SY) siderophore-iron complex
(HM) *IRON CHELATES
(II) *IONOPHORES
(NO) powerful low MW iron-binding cpds which enable parasites to compete successfully with host's iron-sequestering mechanisms; fungi, actinomycetes & several bacteria produce siderophores of hydroxamate class, whereas only true bacteria such as E. coli produce phenolate-type siderophores

sideromycin No. 216
(RN) 71751-36-5
(HM) PEPTIDES, CYCLIC
(PA) ANTIBIOTICS
(NO) no other information available 2/9/83

siderophore-iron complex see siderochromes

siderophore membrane receptor see siderophore receptor

siderophore receptor
(SY) siderophore receptors
(SY) receptor, siderophore
(SY) siderochrome receptors
(SY) siderochrome receptor
(SY) receptor, siderochrome
(SY) siderophore membrane receptor
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES

siderophore receptors see siderophore receptor

siderophores see siderochromes

sidnocarb
(RN) 34262-84-5
(SY) N-phenylcarbamoyl-3-(beta-phenylisopropyl) sydnonimine
(SY) sydnocarb
(SY) mesocarb
(HM) *SYDNONES
(PA) ANTIDEPRESSIVE AGENTS
(PA) ANALEPTICS
(PA) PSYCHOACTIVE AGENTS
(PA) SYMPATHOMIMETICS
(PA) ANTICONVULSANTS
(NO) Russian drug; structure

sidnofen see sydnophen

sigetin
(RN) 60252-39-3
(RR) 3563-47-1 (di-K salt)
(SY) dipotassium-meso-n,n-disulfo-3,4-diphenylhexane
(HM) *BENZENESULFONATES
(II) ESTROGENS, SYNTHETIC
(II) ESTROGENS, NON-STEROIDAL
(NO) synthetic estrogen-like substance; russian drug; RN given is for (R,S)-isomer; sigetin is for di-K salt; RN for cpd without isomeric designation not in Chemline 6/83

siglure
(RN) 2425-20-9
(RR) 88412-09-3 ((cis)-isomer)
(RR) 88167-38-8 ((trans)-isomer)
(SY) 6-methyl-3-cyclohexene-1-carboxylic acid 1-methylpropyl ester
(HM) *CYCLOHEXANECARBOXYLIC ACIDS
(II) SEX ATTRACTANTS
(NO) structure given in first source; RN given refers to cpd without isomeric designation

SIGM see secretory IgM

Sigma B-4631 see new methylene blue

sigmamycin
(RN) 8060-63-7
(SY) tetraolean
(HM) *TETRACYCLINE
(HM) *OLEANDOMYCIN
(HM) DRUG COMBINATIONS
(NO) RN given contains mixture of tetracycline and oleandomycin

sigma receptor
(SY) sigma receptors
(SY) receptor, sigma
(SY) SK&F 10,047 receptor
(SY) SK&F 10,047 receptors
(SY) receptor, SK&F 10,047
(HM) *RECEPTORS, ENDORPHIN
(II) PHENAZOCINE/analogs
(NO) SK&F 10,047 is a prototype agonist of sigma opioid receptor

sigma receptors see sigma receptor

signal peptidase see leader peptidase

signal peptidase I see leader peptidase

signal peptide receptor
(SY) signal recognition particle receptors
(SY) receptor, signal peptide
(SY) signal peptide receptors
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES

signal peptide receptors see signal peptide receptor

signal recognition particle
(SY) signal recognition protein
(SY) 11S ribonucleoprotein
(HM) *RIBONUCLEOPROTEINS
(NO) 11S ribonucleoprotein which recognizes the signal peptide, binds to it & is involved in the translocation of the protein across the endoplasmic reticulum; was included in record for signal peptides until 4/85

signal recognition particle receptors see signal peptide receptor

signal recognition protein see signal recognition particle

silacrown see silacrown ionophores

silacrown ionophores
(SY) silacrown
(HM) *ETHERS, CYCLIC
(HM) *SILICON
(II) IONOPHORES
(NO) ethylene bridge of regular crown ether replaced by disubstituted silyl group; facilitate ion transport across liquid membranes

Silan see Silar (3M)

silar 10C
(RN) 56451-81-1
(HM) *SILOXANES
(NO) cyanosiloxane column reagent for gas chromatography of polyenes; RN is from 9th CI, Chem Subs Index; see also record for silar (3M)

Silar (3M)
(RN) 79586-00-8
(SY) Silan
(HM) *ACRYLIC RESINS
(II) COMPOSITE RESINS
(NO) composite resin system containing 51% filler & a BIS-GMA resin plus diluents; from 3M Co; see also record for silar 10C

silatrane
(RN) 283-60-3
(RR) 61442-41-9 (silatrane A)
(RR) 61442-42-0 (silatrane P)
(RR) 67418-32-0 (silatrane 59)
(RR) 67382-85-8 (silatrane 95)
(SY) silitranes
(SY) silatranes
(HM) *SILICON
(HM) *BICYCLO COMPOUNDS
(NO) RN given refers to unspecified silatrane

silatranes see silatrane

Silentan
(RN) 79084-81-4
(HM) *DIAZEPAM
(HM) *DIHYDROERGOTAMINE
(HM) *ASPIRIN
(HM) *CAFFEINE
(HM) DRUG COMBINATIONS
(NO) contains above 4 cpds

silica gel see silochrome

Silicap
(RN) 54480-08-9
(HM) *SILICATE CEMENT

silicin
(SY) silitsin
(HM) *DENTAL CEMENTS

silicomolybdate
(RN) 11121-25-8
(HM) *SILICON
(HM) *MOLYBDENUM

silicon carbide
(RN) 409-21-2
(HM) *SILICON
(HM) *CARBON
(NO) fibers used for reinforcement of porcelain crowns

silicon hexafluoride dihydride see hexafluorosilicic acid

silicon tetrachloride
(RN) 10026-04-7
(HM) *SILICONES

silicophosphate cement
(SY) Fluoro-Thin
(HM) *SILICATE CEMENT
(II) DENTAL CEMENTS
(NO) see also record for zinc silicophosphate

silicopolyacrylate see glass ionomer

silicotungstic acid
(RN) 12027-38-2
(RR) 51819-40-0 (Na salt)
(HM) *TUNGSTEN
(HM) *SILICIC ACID
(NO) RN given refers to H.1/4O40-Si-W12; structure

silidont
(HM) *DENTAL CEMENTS

silitranes see silatrane

silitsin see silicin

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silk
(HM) *PROTEINS
(II) TEXTILES
(II) SUTURES
(II) SILKWORMS
(NO) continuous protein fiber produced by various larvae

sillmurin see scilliroside

silochrome
(RN) 60650-90-0
(SY) silica gel
(HM) *SILICA
(II) GELS
(NO) RN given refers to silochrome S 80 with unknown MF

Silufol
(RN) 62253-50-3
(HM) *SILICA
(II) GELS

silux
(RN) 83382-93-8
(HM) *COMPOSITE RESINS
(NO) light activated microfill composite

Silvan see 2-methylfuran

silver ammonia fluoride see silver diamine fluoride

silver azide
(RN) 13863-88-2
(HM) *AZIDES
(HM) *SILVER
(NO) explosive used in nephrolithopraxy

silver carbonate
(RN) 534-16-7
(HM) *SILVER
(II) STAINS AND STAINING

silver chloride
(RN) 7783-90-6
(HM) *SILVER

silver chromate
(RN) 7784-01-2
(RR) 7784-02-3 ((chromic acid)H2Cr2O7-Ag(1+)[1:2])
(HM) *CHROMATES
(HM) *SILVER
(II) INDICATORS AND REAGENTS
(NO) reagent in electron microscopy of golgi apparatus; RN given refers to (chromic acid)H2CrO4-Ag(1+)[1:2]

silver diamine fluoride
(RN) 33040-28-7
(SY) silver ammonia fluoride
(HM) *AMMONIUM COMPOUNDS
(II) ROOT CANAL THERAPY

silver norfloxacin
(RN) 88056-28-4
(HM) NORFLOXACIN/*analogs
(PA) ANTI-INFECTIVE AGENTS
(NO) used in treatment of corneal ulcer

silver oxide see disilver oxide

silver pefloxacin see pefloxacine

Silver-Percha
(HM) *GUTTA-PERCHA
(HM) *SILVER
(II) ROOT CANAL FILLING MATERIALS
(NO) formed from gutta-percha & silver

silver phosphate
(RN) 7784-09-0
(HM) *SILVER
(HM) *PHOSPHATES
(II) INDICATORS AND REAGENTS
(NO) for chloride analysis in cystic fibrosis patch test

silver sodium zeolite see zeolite

silvex
(RN) 93-72-1
(RR) 40521-06-0 ((S)-isomer)
(RR) 30365-50-5 ((R)-isomer)
(RR) 7361-37-7 ((+-)-isomer)
(RR) 37913-89-6 (Na salt)
(RR) 2818-16-8 (K salt)
(SY) fenoprop
(SY) 2-(2,4,5-trichlorophenoxy)propionic acid
(HM) 2,4,5-TRICHLOROPHENOXYACETIC ACID/*analogs
(PA) HERBICIDES
(II) AUXINS
(NO) RN given is for parent cpd; structure

silybin dihemisuccinate
(RN) 34482-56-9
(HM) *SILYMARIN/analogs

silychristin
(RN) 33889-69-9
(HM) *SILYMARIN
(II) ISOMERISM

silydianin
(RN) 29782-68-1
(HM) *SILYMARIN
(II) ISOMERISM

simfibrate
(RN) 14929-11-4
(RR) 14496-66-3 (duplicate RN)
(SY) 1,3-propanediol bis(alpha-p-chlorophenoxyisobutyrate)
(SY) CLY-503
(SY) cholesolvin
(SY) CLY 503
(HM) CLOFIBRATE/*analogs
(PA) ANTILIPEMIC AGENTS
(NO) structure

simian sarcoma virus protein see viral T proteins

simian sarcoma virus transformation-specific glycopeptide
(SY) SSV-TrSgp
(HM) *RETROVIRIDAE PROTEINS
(II) SIMIAN SARCOMA VIRUSES
(II) CELL TRANSFORMATION, NEOPLASTIC
(II) ANTIGENS, VIRAL, TUMOR
(II) PROTEOGLYCANS
(NO) proteoglycan, MW 200,000; immunologically related to human platelet-derived growth factor; see also p28 simian sarcoma virus transforming protein

simian virus 40 large T-antigen see viral T proteins

simian virus 40 small T-antigen see viral T proteins

simplex see methylmethacrylate

sinalbin
(RN) 20196-67-2
(SY) sinapine p-hydroxybenzylglucosinolate
(HM) CHOLINE/*analogs
(NO) structure

sinapine
(RN) 18696-26-9
(RR) 6509-38-2 (monosulfate salt)
(RR) 7431-77-8 (thiocyanate salt)
(SY) 4-hydroxy-3,5-dimethoxycinnamate choline
(SY) sinapine bisulphate
(HM) CHOLINE/*analogs
(NO) black mustard seeds, seeds of Brassica nigra; RN given refers to parent; structure

sinapine bisulphate see sinapine

sinapine p-hydroxybenzylglucosinolate see sinalbin

Sinecod see butamirate

sinefungin
(RN) 58944-73-3
(SY) A 9145
(HM) ADENOSINE/*analogs
(PA) ANTIBIOTICS, ANTIFUNGAL
(PA) ANTIMALARIALS
(NO) antifungal antibiotic containing adenine, sugar hydroxyl & amino groups; isolated from Streptomyces griseolus

Sinemet
(RN) 57308-51-7
(SY) Nakom
(SY) Nacom
(HM) *LEVODOPA
(HM) *CARBIDOPA
(HM) DRUG COMBINATIONS
(PA) ANTIPARKINSON AGENTS
(NO) contains levodopa & carbidopa

sinerdol-EH see sinerdol EH

sinerdol EH
(SY) rifampin sodium ethylhexanoate adduct
(SY) sinerdol-EH
(HM) RIFAMPIN/*analogs

single cell proteins
(SY) Pruteen
(HM) *DIETARY PROTEINS
(II) PLANT PROTEINS
(II) VEGETABLE PROTEINS
(II) FUNGAL PROTEINS
(II) BACTERIAL PROTEINS
(NO) microorganisms, yeast, algae, bacteria, grown on unconventional substrates to serve as supplemental animal feed; from Pseudomonas methyltropha grown on substrate containing methanol as carbon source

single chain des-(B30) insulin see insulin, single chain des-(B30)-

single strand DNA-binding endo-exonuclease see endoexonuclease

single stranded DNA dependent ATPase
(RN) EC 3.6.1.-
(SY) SSDNA-dependent ATPase
(HM) *ADENOSINE TRIPHOSPHATASE
(NO) probably involved in DNA replication

single-stranded RNA see RNA, single-stranded

singlet oxygen
(RN) 17778-80-2
(HM) *OXYGEN
(II) PHOTOCHEMISTRY

sinigrin
(RN) 534-69-0
(RR) 3952-98-5 (mono-K salt)
(SY) myronate
(HM) *GLUCOSINOLATES
(NO) glucosinate in mustard seeds etc.; RN given refers to parent cpd

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sinomenine
(RN) 115-53-7
(RR) 6080-33-7 (HCl salt)
(SY) cucoline
(SY) cuculine
(SY) kukoline
(SY) cocculine
(SY) 4-hydroxy-3,7-dimethoxy-17-methylmorphin-7-en-6-one
(SY) sinomenine A bismethyliodide
(HM) *MORPHINANS
(PA) ANALGESICS, ANTI-INFLAMMATORY
(NO) isolated from root of Sinomenium acutum; antirheumatic, antineuralgic; RN given is for parent cpd; structure

sinomenine A bismethyliodide see sinomenine

sintamil
(RN) 16398-39-3
(SY) 10-(3-(dimethylamino)propyl)-2-nitrodibenz(b,f)(1,4)-oxazepin-11(10H)-one
(SY) 2330 Go
(SY) 233-Go
(SY) nitroxazepine
(HM) *DIBENZOXAZEPINES
(PA) ANTIDEPRESSIVE AGENTS, TRICYCLIC
(NO) has pronounced sedative properties, but otherwise resembles imipramine; minor descriptor (77-84); on-line & Index Medicus search DIBENZOXAZEPINES (77-84); RN given refers to mono-HCl; RN for parent cpd not in Chemline 8/84

SIN-1 see CV-664

SIN 1A see SIN-1A

SIN-1A
(RN) 26687-79-6
(SY) N-nitrosomorpholinoaminoacetonitrile
(SY) SIN 1A
(HM) *NITROSAMINES
(PA) VASODILATOR AGENTS

SIN-10 see morsydomine

siomycin
(RN) 11017-43-9
(HM) PEPTIDES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) was minor descriptor as SIOMYCINS from 1975 through 1979; see also records for siomycin A & siomycin D1

siomycin A
(RN) 12656-09-6
(RR) 61419-19-0 (siomycin B)
(SY) 1-valine-2-(2,3-didehydroalanine)thiostrepton
(HM) PEPTIDES
(PA) ANTIBIOTICS
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) see also records for siomycin & siomycin D1

SIPDTP see N-succinimidyl 3-(2-pyridyldithio)propionate

sirepar
(RN) 11095-03-7
(SY) syrepar
(HM) *LIVER EXTRACTS
(NO) liver hydrolysate

sirius red F 3B see C.I. direct red 80

Sirius Res F3B see C.I. direct red 80

sirius supra red 4BL see chlorantine fast red 6BLL

sirofluor
(SY) 4,4'-(carbonyl(bis(benzene-4,1-diyl)bis(imino))bis(benzene sulfonate) sodium salt
(HM) *BENZENESULFONATES
(II) FLUORESCENT DYES
(NO) fluorochrome from aniline blue

sirohaem see siroheme

siroheme
(RN) 52553-42-1
(SY) sirohaem
(SY) octacarboxylate iron-tetrahydroporphyrin
(HM) HEME/*analogs
(NO) the heme prosthetic group of the hemoprotein of E coli NADPH-sulfite reductase; reduces sulfite to sulfide or nitrite to ammonia; structure

sirohydrochlorin
(RN) 65207-12-7
(HM) *UROPORPHYRINS
(NO) chromophore of desulfoviridin; structure

SIR 8514 see Bay Sir 8514

sisamine
(HM) AMINOGLYCOSIDES
(PA) ANTIBIOTICS
(NO) synthetic antibiotic; structure given in first source

sispur derm
(SY) SISpur-derm
(HM) *POLYURETHANES
(II) OCCLUSIVE DRESSINGS
(NO) skin-replacing polyurethane

SISpur-derm see sispur derm

sistalgin see pramiverine

site-specific endonuclease (Saccaromyces cerevisiae) see endodeoxyribonuclease Sce I

site-specific methyltransferase (adenine specific)
(RN) EC 2.1.1.72
(SY) SP methyltransferase AD
(SY) modification methylase (adenine-specific)
(HM) *METHYLTRANSFERASES
(NO) large group of enzymes which form DNA restriction-modification systems with enzymes of similar site specificity listed as EC 3.1.21.3 & EC 3.1.23.5

sitostanol see stigmastanol

sitosterol
(RN) 5772-62-4
(RR) 19044-06-5 ((3beta,24xi)-isomer)
(RR) 54717-24-7 (26-(14)C-labeled cpd)
(RR) 83-47-6 ((3beta,24S)-isomer)
(RR) 83-46-5 ((3beta)-isomer)
(SY) Harzol
(SY) clionesterol
(SY) 24-ethylcholest-5-en-3 beta-ol
(SY) beta-sitosterol
(HM) *SITOSTEROLS
(NO) RN given refers to cpd without isomeric designation; structure in first source

sitosterol beta-D-glucoside see lyoniside

SJA lectin see Sophora japonica agglutinin

skeletal growth factor see bone growth factor

SK&F D 39162 see auranofin

SK&F 100330-A
(RN) 85375-88-8
(SY) SKF-100330A
(SY) N-(4,4-diphenyl-3-butenyl)guvacine
(HM) *NICOTINIC ACIDS
(PA) ANTICONVULSANTS
(NO) structure given in first source

SKF-100330A see SK&F 100330-A

SK&F-100398 see vasopressin, 1-(beta-mercapto beta,beta-cyclopentamethylenepropionic acid)-2-O-ethyl-Tyr-4-Val-8-Arg-

SK&F 100398 see vasopressin, 1-(beta-mercapto beta,beta-cyclopentamethylenepropionic acid)-2-O-ethyl-Tyr-4-Val-8-Arg-

SKF 10047 see SK&F 10047

SKF-10047 see SK&F 10047

SK&F 10047
(RN) 7619-35-4
(RR) 14198-28-8 (2R-(2alpha,6alpha,11R*)-isomer)
(RR) 61906-84-1 (HBr)
(RR) 59985-34-1 (monolactate)
(RR) 53538-72-0 (monooxalate)
(RR) 58640-82-7 (2S-(2alpha,6alpha,11R*)-isomer)
(RR) 7313-95-3 ((2alpha,6alpha,11R*)-(+-)-isomer)
(SY) N-allylnorphenazocine
(SY) 2'-hydroxy-5,9-dimethyl-2-allyl-6,7-benzomorphan
(SY) SKF-10047
(SY) N-allylnorcyclazocine
(SY) N-allylnormetazocine
(SY) SKF 10047
(HM) PHENAZOCINE/*analogs
(NO) pharmacologic action of cpd may depend on (L)- or (D)-isomerism; RN given refers to cpd without isomeric designation

SK&F 101071
(RN) 81094-03-3
(SY) SK&F-101071
(SY) vasopressin, 1-(2-mercapto-beta,beta-cyclopentamethylenepropionic acid)-2-Phe-4-Val-8-Arg-
(SY) 1-(2-mercapto-beta,beta-cyclopentamethylenepropionic acid)-2-phenylalanine-4-valine-8-arginine vasopressin
(HM) ARGIPRESSIN/*analogs
(PA) VASOPRESSINS/antag
(NO) RN given refers to D-Phe-L-Val-L-Arg-isomer; RN for cpd without isomeric designation not in Chemline 2/85

SK&F-101071 see SK&F 101071

SK&F 101132
(RN) 88477-96-7
(RR) 88903-83-7 ((S-(R*,S*-(E)))-isomer)
(RR) 88903-82-6 ((R-(R*,S*-(E)))-isomer)
(RR) 88903-81-5 ((R-(R*,S*-(Z)))-isomer)
(SY) SK&F-101132
(SY) 2-nor-LTD1
(SY) 4-hydroxy-5-cysteinylglycyl-6-nonadecenoic acid
(SY) 4-hydroxy-5-cysteinylglycine-6-nonadecenoic acid
(SY) 2-norleukotriene D1
(SY) 2-nor-LTD
(HM) SRS-A/*analogs
(PA) SRS-A/antag
(NO) RN given refers to (S-(R*,S*-(Z)))-isomer; RN for cpd without isomeric designation not in Chemline 4/85; structure given in first source

SK&F-101132 see SK&F 101132

SK&F 101253
(RN) 86120-57-2
(SY) SKF 101253
(SY) 9-allyloxy-6-chloro-3-methyl-2,3,4,5-tetrahydro-1H-benzazepine
(HM) *BENZAZEPINES
(PA) ADRENERGIC ALPHA RECEPTOR BLOCKADERS
(NO) cpd not in Chemline 7/29/83

SKF 101253 see SK&F 101253

SK&F-10149 see vasopressin, 1-(beta-mercapto beta,beta-cyclopentamethylenepropionic acid)-2-O-ethyl-Tyr-4-Val-8-Arg-

SK&F 10149 see vasopressin, 1-(beta-mercapto beta,beta-cyclopentamethylenepropionic acid)-2-O-ethyl-Tyr-4-Val-8-Arg-

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SK&F 102652
(RN) 93565-16-1
(SY) SK&F-102652
(SY) N-(2-hydroxy-5-(2-(methylamino)ethyl)phenyl) methanesulfonamide
(HM) *PHENETHYLAMINES
(NO) potent adrenoreceptor agonist which releases intracellular calcium; RN & structure given in first source; RN not in Chemline 3/85

SK&F-102652 see SK&F 102652

SK&F 12185
(RN) 6578-31-0
(RR) 15402-67-2 ((-)-isomer)
(RR) 15402-65-0 ((+)-isomer)
(RR) 15379-48-3 ((+-)-isomer)
(RR) 5843-71-0 (di-HCl)
(RR) 61435-59-4 (3H-labeled cpd)
(SY) SKF 12185
(SY) 2-(4-aminophenyl)-2-phenethylamine
(HM) *PHENETHYLAMINES
(NO) RN given refers to parent cpd; structure

SKF 12185 see SK&F 12185

SKF 14336 see clomacran

SK&F 14,336 see clomacran

SKF 21681 see SK&F 21681

SK&F 21681
(RN) 4349-84-2
(SY) SK&F-21681
(SY) SKF 21681
(HM) *TRIAZINES
(PA) ANTIVIRAL AGENTS
(NO) structure in first source

SK&F-21681 see SK&F 21681

SK&F 23880A see cyclooctylamine

SKF 24260 see SK&F 24260

SK&F-24260 see SK&F 24260

SK&F 24260
(RN) 23191-75-5
(RR) 41012-67-3 ((14C-labeled)-isomer)
(SY) 2,6-dimethyl-3,5-dicarbethoxy-4-(trifluoromethylphenyl)-1,4-dihydropyridine
(SY) SKF 24260
(SY) SK&F-24260
(HM) *NICOTINIC ACIDS
(PA) ANTIHYPERTENSIVE AGENTS
(NO) structure

SKF 2680J see methochlorpromazine

SK&F 2680-J see methochlorpromazine

SK&F 28175 see fluotracen

SKF 29661 see SK&F 29661

SK&F-29661 see SK&F 29661

SK&F 29661
(RN) 31404-61-2
(SY) 1,2,3,4-tetrahydroisoquinoline-7-sulfonamide
(SY) SK&F-29661
(SY) SKF 29661
(HM) *ISOQUINOLINES
(PA) PHENETHANOLAMINE N-METHYLTRANSFERASE/antag
(NO) structure

SK&F 34288 see 3-mercaptopicolinic acid

SKF 34288 see 3-mercaptopicolinic acid

SK&F 36914 see triethylphosphine gold chloride

SKF 36914 see triethylphosphine gold chloride

SK&F-38393 see SK&F 38393

SKF 38393 see SK&F 38393

SK&F 38393
(RN) 67287-49-4
(SY) 2,3,4,5-tetrahydro-7,8-dihydroxy-1-phenyl-1H-3-benzazepine
(SY) SK&F-38393
(SY) SKF 38393
(SY) R-SK&F 38393
(SY) SKF 38393-A
(HM) *BENZAZEPINES
(PA) ANORECTICS
(NO) dopamine agonist

SKF 38393-A see SK&F 38393

SK&F 39186 see amicinal

SK&F 39962 see cefazaflur

SKF 64139 see SK&F 64139

SK&F-64139 see SK&F 64139

SK&F 64139
(RN) 57987-77-6
(SY) DCTQ
(SY) 7,8-dichloro-1,2,3,4-tetrahydroisoquinoline
(SY) SK&F-64139
(SY) SKF 64139
(HM) *ISOQUINOLINES
(PA) ENZYME INHIBITORS
(PA) PHENETHANOLAMINE N-METHYLTRANSFERASE/antag
(PA) MONOAMINE OXIDASE INHIBITORS
(NO) potent reversible inhibitor of phenylethanolamine N-methyltransferase; structure

SKF 6890A see methylxylocholine

SK&F 6890A see methylxylocholine

SK&F-72223 see SK&F 72223

SKF 72223 see SK&F 72223

SK&F 72223
(RN) 76019-13-1
(SY) 5,6-dimethoxy-1,2,3,4-tetrahydroisoquinoline
(SY) SK&F-72223
(SY) SKF 72223
(HM) *ISOQUINOLINES
(PA) ADRENERGIC ALPHA RECEPTOR BLOCKADERS

SK&F 75073 see cefonicid

SK&F-7698 see SK&F 7698

SK&F 7698
(RN) 53464-65-6
(SY) SKF 7698
(SY) 3-methyl-1,2,3,4-tetrahydro(1)benzothieno(3,2-c) pyridine.HCl
(SY) SK&F-7698
(HM) *PYRIDINES
(PA) PHENETHANOLAMINE N-METHYLTRANSFERASE/antag
(NO) RN given refers to HCl; parent cpd not in Chemline 6/83

SKF 7698 see SK&F 7698

SK&F-82526 see SK&F 82526

SKF 82826 see SK&F 82526

SK&F 82526
(RN) 67227-56-9
(RR) 67287-54-1 (HBr)
(RR) 67227-57-0 (methanesulfonate salt)
(SY) 6-chloro-7,8-dihydroxy-1-(4-hydroxyphenyl)-2,3,4,5,-tetrahydro-1H-3-benzazepine
(SY) SK&F-82526
(SY) SKF 82526
(SY) fenoldopam
(SY) SKF 82526J
(HM) *BENZAZEPINES
(PA) VASODILATOR AGENTS
(NO) dopaminergic ligand; RN given refers to parent cpd; structure given in second source

SKF 82526J see SK&F 82526

SK&F 83566
(RN) 94344-79-3
(RR) 73799-23-2 ((S)-isomer)
(SY) SK&F-83566
(SY) 7-bromo-8-hydroxy-3-methyl-1-phenyl-2,3,4,5-tetrahydro-1H-3-benzazepine
(HM) *BENZAZEPINES
(NO) stereoselective antagonist of dopamine receptor; RN given refers to (R)-isomer which is active; RN for cpd without isomeric designation not available 4/85

SK&F-83566 see SK&F 83566

SKF 83593 see SK&F 83593

SK&F-83593 see SK&F 83593

SK&F 83593
(RN) 81134-73-8
(SY) 8-chloro-tetrahydroisoquinoline-7-sulfonamide
(SY) SK&F-83593
(SY) SKF 83593
(HM) *ISOQUINOLINES
(PA) PHENETHANOLAMINE N-METHYLTRANSFERASE/antag
(NO) structure given in first source

SKF 83742 see SK&F 83742

SK&F-83742 see SK&F 83742

SK&F 83742
(RN) 73943-42-7
(RR) 74427-00-2 (HCl)
(RR) 73942-92-4 (HBr)
(SY) 2,3,4,5-tetrahydro-3-methyl-6-(phenylthio)-1H-3-benzazepine-7,8-diol
(SY) SK&F-83742
(SY) SKF 83742
(HM) *BENZAZEPINES
(NO) dopaminergic ligand; RN given refers to parent cpd

SKF-85174 see SK&F 85174

SK&F 85174
(RN) 77386-12-0
(RR) 87863-89-6 (methanesulfonate salt(S)-isomer)
(RR) 87863-86-3 (methanesulfonate salt(R)-isomer)
(SY) SKF 85174
(SY) 3-allyl-6-chloro-2,3,4,5-tetrahydro-1-(4-hydroxyphenyl)-1H-3-benzazepine-7,8-diol methanesulfonate
(SY) SKF-85174
(HM) *BENZAZEPINES
(NO) dopamine receptor agonist; RN given refers to parent cpd; structure given in first source

SKF 85174 see SK&F 85174

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SK&F 86466
(RN) 73943-10-9
(RR) 86129-54-6 (HCl)
(SY) SK&F-86466
(SY) 6-chloro-2,3,4,5-tetrahydro-3-methyl-1H-3-benzazepine
(HM) *BENZAZEPINES
(PA) ADRENERGIC ALPHA RECEPTOR BLOCKADERS
(NO) RN & RR given from first source; RN not in Chemline 9/28/83; structure given in first source

SK&F-86466 see SK&F 86466

SK&F-88046 see SK&F 88046

SK&F 88046
(SY) SKF 88046
(SY) SK&F-88046
(HM) *SULFONAMIDES
(PA) SRS-A/antag
(NO) structure given in first source

SKF 88046 see SK&F 88046

SKF 88070 see SK&F 88070

SK&F 88070
(RN) 80994-53-2
(SY) SK&F-88070
(SY) SKF 88070
(SY) 7((2-amino-4-thiazolyl)(methoxyimino)acetyl) amino)-3-(((1-(2-sulfaminoethyl)-1H-tetrazol-5-yl)thio)methyl)-3-cephem-4-carboxylic acid
(HM) *CEPHALOSPORINS
(NO) active against Pseudomonas aeruginosa; structure in first source

SK&F-88070 see SK&F 88070

SK&F-89748 see SK&F 89748

SK&F 89748
(RN) 86287-13-0
(RR) 86238-71-3 ((L)-isomer)
(RR) 86238-70-2 (HCl(L)-isomer hydrate)
(RR) 86238-72-4 ((D)-isomer)
(RR) 86238-73-5 (HCl(D)-isomer)
(SY) 1,2,3,4-tetrahydro-8-methoxy-5-(methylthio)-2-naphthalenamine
(SY) SK&F-89748
(SY) SK&F 89748-A
(HM) *TETRAHYDRONAPHTHALENES
(PA) ADRENERGIC ALPHA RECEPTOR AGONISTS
(NO) RN given refers to (+-)-isomer & is given in first source; RN not in Chemline 9/28/83; structure given in first source

SK&F 89748-A see SK&F 89748

SK&F 89976-A
(RN) 85375-85-5
(SY) SKF 89976A
(SY) N-(4,4-diphenyl-3-butenyl)nipecotic acid
(HM) *NIPECOTIC ACIDS
(PA) ANTICONVULSANTS
(NO) structure given in first source

SKF 89976A see SK&F 89976-A

SK&F-91488 see SK&F 91488

SK&F 91488
(RN) 68643-23-2
(RR) 68941-21-9 (di-HCl)
(RR) 63250-37-3 (di-HBr)
(SY) SKF 91488
(SY) SK&F-91488
(HM) *APT
(NO) RN given refers to parent cpd; structure given in first source

SKF 91488 see SK&F 91488

SKF 92054 see SK&F 92054

SK&F-92054 see SK&F 92054

SK&F 92054
(RN) 70674-98-5
(RR) 63250-38-4 (di-HCl)
(SY) N-methyldimaprit
(SY) SK&F-92054
(SY) SKF 92054
(HM) *THIOCARBAMATES
(NO) RN not in Chemline 11/84; RN from Chem Abstracts Index

SK&F 92657 see prizidilol

SK&F 92676 see impromidine

SK&F 92994 see oxmetidine

SK&F 93319
(RN) 93376-90-0
(SY) SK&F-93319
(HM) *PYRIDINES
(PA) HISTAMINE H1 RECEPTOR BLOCKADERS
(NO) structure given in first source; RN given refers to tri-HCl; RN for parent cpd not in Chemline 1/85

SK&F-93319 see SK&F 93319

SKF 93479 see SK&F 93479

SK&F-93479 see SK&F 93479

SK&F 93479
(RN) 72716-75-7
(SY) 2-(2-(5-dimethylaminomethylfuran-2-ylmethylthio) ethylamino)-5-(6-methylpyrid-3-ylmethyl)pyrimid-4-one
(SY) SK&F-93479
(SY) SKF 93479
(HM) *PYRIMIDINONES
(PA) HISTAMINE H2 RECEPTOR BLOCKADERS
(NO) inhibits nocturnal acid secretion

skimmianine
(RN) 83-95-4
(SY) 4,7,8-trimethoxy-furo(2,3-b)quinoline
(HM) *QUINOLINES
(II) PLANT EXTRACTS

S6 kinase see ribosomal protein S6 kinase

sklerosorm see etiroxate

SKN hemosorbents
(SY) SKN sorbent
(HM) *CHARCOAL
(NO) used in therapy of chronic kidney failure

SKN sorbent see SKN hemosorbents

SK potentiator see SK potentiator

SK potentiator
(SY) streptokinase potentiator
(SY) SK potentiator
(HM) *PLASMINOGEN ACTIVATORS
(HM) *STREPTOKINASE
(II) DRUG SYNERGISM

SK&F 10,047 receptor see sigma receptor

SK&F 10,047 receptors see sigma receptor

7SK RNA see complementary DNA

SKT extract see shakuyaku-kanzoh-toh

SK-7 see pentifylline

SLA complex see swine lymphocyte antigens

slaframine
(RN) 20054-93-9
(RR) 25454-69-7 (citrate [1:2] salt)
(SY) (1S,6S,8aS)-1-acetoxy-6-aminooctahydroindolizine
(HM) *ALKALOIDS
(PA) PARASYMPATHOMIMETICS
(II) MYCOTOXINS
(NO) biosynthesized in fungus, Rhizoctonia leguminicola; causes excessive salivation in animals; RN given is for parent cpd; structure

SLA proteases see Scytalidium lignicolum acid proteases

3-SL-AP see 2-(N-3'-sialyllactityl)aminopyridine

6-SL-AP see 2-(N-6'-sialyllactityl)aminopyridine

SLCNU see 1-(2-chloroethyl)-3-(1-oxyl-2,2,6,6-tetramethylpiperidinyl)-1-nitrosourea

sleep-promoting factor B
(RN) 87140-29-2
(SY) sleep promoting substance B
(SY) SPS-B
(HM) *GLYCOPEPTIDES
(NO) extracted from brainstem of rats

sleep-promoting factor S
(RN) 68994-03-6
(HM) *GLYCOPEPTIDES
(NO) small glycopeptide from human urine

sleep promoting substance B see sleep-promoting factor B

SL-glutathione
(RN) 89339-11-7
(SY) S-(((2,2,5,5-tetramethyl-1-oxy-3-pyrrolidinyl) carbamoyl)methyl)glutathione
(HM) *CYCLIC N-OXIDES
(PA) GLUTATHIONE TRANSFERASES/antag
(II) SPIN LABELS
(NO) structure given in first source

slimin see dyazide

SLLTC see sialosyllactotetraosylceramide

SL-mercaptoethanol
(RN) 89339-12-8
(SY) S-(((2,2,5,5-tetramethyl-1-oxy-3-pyrrolidinyl) carbamoyl)methyl)-2-mercaptoethanol
(HM) *CYCLIC N-OXIDES
(PA) GLUTATHIONE TRANSFERASES/antag
(II) SPIN LABELS
(NO) structure given in first source

slocose see guar gum

slow hemoglobin see hemoglobin A(0)

slow rhodopsin
(SY) rhodopsin tR
(SY) rhodopsin sR
(HM) *BACTERIORHODOPSIN
(NO) possesses a photocycle & photo-taxis; absorption maximum located near 590nm; non-electrogenic

Slp protein
(SY) sex-linked protein (murine)
(SY) C4-Slp
(SY) C4 (sex limited protein)
(HM) *BLOOD PROTEINS
(II) H-2 ANTIGENS
(II) COMPLEMENT 4
(NO) serum protein from H-2 complex; closely related antigenically to Ss protein

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SL-procion
(SY) SL procion
(HM) *TRIAZINES
(II) DYES
(II) SPIN LABELS
(NO) structure given in first source

SL procion see SL-procion

SLPSOM see spectrin-like protein, subcellular organelle

SLTIT see somatostatin-28, Leu(8)-Trp(22)-(I-Tyr(25))-

SL-T3 see
3-((alpha-carboxy-4-(4-hydroxy-3-iodophenoxy)-3,5-diiodophenethyl)carbamoyl)-2,2,5,5-tetramethyl-3-pyrrolin-1-yloxy

SL 1250 see SL-1250

SL-1250
(RN) 66148-63-8
(SY) 5-carbamoyl-1H-imidazol-4-yl-piperonylate
(SY) SL 1250
(HM) *IMIDAZOLES
(PA) ANTINEOPLASTIC AGENTS
(NO) structure given in first source

SL 573 see SL-573

SL-573
(RN) 33453-23-5
(SY)
1-cyclopropylmethyl-4-phenyl-6-methoxy-2(1H)-quinazolinone
(SY) SL 573
(HM) *QUINAZOLINES
(PA) ANTI-INFLAMMATORY AGENTS

SL 72340 see flutiorex

SL 73033 see antrafenine

SL 74036 see cipropride

SL 75102
(RN) 62665-96-7
(SY) SL-75102
(SY) progabide acid
(HM) GABA/*analogs
(PA) ANTICONVULSANTS
(NO) RN given refers to NA salt; RN for parent cpd not in Chemline 5/84; structure

SL-75102 see SL 75102

SL 75-177-10 see SL 75177-10

SL 75,177-10 see SL 75177-10

SL 75177-10
(RN) 91094-14-3
(SY) SL-75.177.10
(SY) SL 75-177-10
(SY)
1-(4-((2-cyclopropylmethoxy)ethoxy)phenoxy)-3-((1-methylethyl)amino)-2-propanol
(SY) SL 75,177-10
(HM) *PROPANOLAMINES
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS
(NO) related to betaxolol

SL-75.177.10 see SL 75177-10

SL 75212 see betaxolol

SL 76002 see progabide

SL 76188
(SY) SL-76188
(HM) *INDOLES
(NO) antihypoxidotic molecule of the hexahydrocanthinone series; no other info available 8/3/83

SL-76188 see SL 76188

SL 77499
(RN) 86163-78-2
(SY) SL-77499
(HM) *ADRENERGIC ALPHA RECEPTOR BLOCKADERS
(NO) no other info available 1/26/83

SL-77499 see SL 77499

SmaI restriction endonuclease see endodeoxyribonuclease XmaI

small cardioactive peptide A
(SY) SCPA
(HM) *PEPTIDES
(II) NERVE TISSUE PROTEINS
(II) APLYSIA
(II) INVERTEBRATE HORMONES
(NO) amino acid sequence given in first source

small cardioactive peptide B
(RN) 84746-43-0
(SY) Met-Asn-Tyr-Leu-Ala-Phe-Pro-Arg-Met-NH2
(SY) methionyl-asparaginyl-tyrosyl-leucyl-alanyl-phenylalanyl-prolyl-arginyl-methioninamide
(SY) SCPB
(HM) *OLIGOPEPTIDES
(II) NERVE TISSUE PROTEINS
(II) APLYSIA
(II) INVERTEBRATE HORMONES
(NO) neuropeptide from Aplysia

small circular DNA
(SY) DNA, small circular
(SY) DNA, circular, small
(SY) DNA, minicircle
(HM) *DNA, CIRCULAR

small cytoplasmic ribonucleoprotein particles see small ribonucleoproteins

small cytoplasmic RNA
(SY) SC RNA
(SY) SCRNA
(HM) *RNA

small nuclear ribonucleoproteins see small ribonucleoproteins

small nuclear RNA precursor
(SY) U4 RNA precursor
(HM) *RNA, SMALL NUCLEAR
(II) RNA, NEOPLASM

small ribonucleoproteins
(SY) snRNP
(SY) small nuclear ribonucleoproteins
(SY) small cytoplasmic ribonucleoprotein particles
(SY) U1-RNA-associated proteins
(HM) *RIBONUCLEOPROTEINS

SMANCS see poly(maleic acid-styrene)neocarzinostatin

Sm antigen
(SY) Sm nuclear antigen
(SY) antigen, Sm
(HM) *AUTOANTIGENS
(NO) may be located in cell nucleus; antibodies to above antigen show a high correlation with systemic lupus erythematosus

SMAZTH see
succinimido-6-mercapto-S-(4-azidothiophenyl)hexanoate

SMb G see sulfmyoglobin

SMCC see N-(4-carboxycyclohexylmethyl)maleimide N-hydroxysuccinimide ester

6-SMDP see
6-O-stearoyl-N-acetylmuramyl-alanylisoglutamine

Smectite
(RN) 12199-37-0
(HM) *GASTROINTESTINAL AGENTS
(NO) type of clay which is mucoprotective

smegmatocin
(RN) 76012-58-3
(SY) smegmatocin 14468
(HM) *BACTERIOCINS
(NO) proteinaceous bacteriocin from Mycobacterium smegmatis ATCC 14468

smegmatocin 14468 see smegmatocin

SMIF see smooth muscle inhibitory factor

SMND see S-mercuric-N-dansylcysteine

Sm nuclear antigen see Sm antigen

smooth muscle inhibitory factor
(SY) SMIF
(HM) *CARBOHYDRATES
(NO) does not appear to be peptide or lipid but may contain carbohydrate moiety

smooth muscle phosphatase I see myosin light chain phosphatase

smooth muscle phosphatase II see myosin light chain phosphatase

SMPB see succinimidyl 4-(4-maleimidophenyl)butyrate

SMS 201 995
(RN) 83150-76-9
(SY) SMS 201-995
(SY)
Phe-Cys-Phe-Trp-Lys-Thr-Cys-NH-CH(CH2OH)=CHOHCH3
(SY) L-Cysteinamide, D-phenylalanyl-L-cysteinyl-L-phenylalanyl-D-tryptophyl-L-lysyl-L-threonyl-N-(2-hydroxy-1-(hydroxymethyl)propyl)-, cyclic (2->7)-disulfide
(SY) compound 201-995
(SY) SAN 201-995
(HM) SOMATOSTATIN/*analogs
(PA) ANTINEOPLASTIC AGENTS
(II) RECEPTORS, ENDORPHIN
(NO) highly specific for opiate mu binding site

SMS 201-995 see SMS 201 995

SMS 204-090
(SY) SMS-204-090
(HM) SOMATOSTATIN/*analogs
(NO) cyclic octapeptide analog of somatostatin; potent somatostatin agonist

SMS-204-090 see SMS 204-090

SMT-angiotensin II see angiotensin II, 1-Sar-4-methyl-Tyr-

SM 108 see SM-108

SM-108
(RN) 56973-26-3
(RR) 66934-72-3 (Na salt)
(SY) 4-carbamoylimidazolium 5-olate
(SY) 5-hydroxyimidazole 4-carboxamide
(SY) SM 108
(HM) *IMIDAZOLES
(NO) purine antagonist; RN given refers to parent cpd

SM-1213 see SM 1213

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SM 1213
(RN) 56824-20-5
(RR) 60414-06-4 (HCl)
(SY) 1,2-O-isopropylidene-3-O-3'-(N',N'-dimethylamino-N-propyl)-D-glucofuranose
(SY) SM-1213
(HM) GLUCOSAMINE/*analogs
(PA) ANTIVIRAL AGENTS
(II) ADJUVANTS, IMMUNOLOGIC
(NO) immunopotentiator; RN given refers to (alpha-D)-isomer

SM 1652 see cefpiramide

SM-1652 see cefpiramide

SM242 see SM 242

SM-242 see SM 242

SM 242
(RN) 71939-53-2
(RR) 75918-39-7 ((3R-(3alpha,5abeta,6beta,8abeta,9alpha,10alpha,12alpha,12a=R*))-isomer)
(SY) alpha-propoxycarbonyldihydroartemisine
(SY) SM-242
(SY) SM242
(HM) *SESQUITERPENES
(NO) RN given refers to cpd without isomeric designation; structure given in first source

SM-4300
(SY) SM 4300
(HM) *IMMUNOGLOBULINS
(PA) ANTIBIOTICS
(NO) used in treatment of severe bacterial infections

SM 4300 see SM-4300

snail sleeper peptide
(HM) *PEPTIDES
(NO) contains 17 amino acids & 5 moles of gamma-carboxyglutamate; amino acid sequence given in first source

snake venom neurotoxin F
(SY) F-neurotoxin (snake venom)
(SY) toxin F
(HM) *NEUROTOXINS
(HM) *SNAKE VENOMS
(NO) neurotoxin from B. malticinctus venom; blocks synaptic transmission in the chick ciliary ganglion

snake venom phosphodiesterase see phosphodiesterase I

N-SNAP see 3-((2-nitro-4-azidophenyl)-2-aminoethyldithio)-N-succinimidyl propionate

SnCl(2) see stannous chloride

SnCl4 see stannic chloride

sn-glycerol 3-phosphate-binding protein see glycerol-3-phosphate-binding protein

1-(3-sn-phosphatidylinositol)-L-myoinositol-4- phosphate see phosphatidylinositol 4-phosphate

Sn protoporphyrin see tin protoporphyrin IX

snRNP see small ribonucleoproteins

S1 nuclease see endonuclease S1 (Aspergillus)

S3NVB see N-succinimidyl-3-(2-nitrovinyl)benzoate

S4NVB see N-succinimidyl-4-(2-nitrovinyl)benzoate

SN11841 see m-AMSA

SN 18071
(RN) 68772-49-6
(SY) SN-18071
(HM) *PYRIDINIUM COMPOUNDS
(NO) bisquarternary ammonium heterocycle; RN given refers to 4-methylbenzenesulfonic acid[1:2] salt; RN for parent cpd not in Chemline 2/84; structure given in first source

SN-18071 see SN 18071

SN-263 see amylopectin sulfate

33-SN see 33 SN

33 SN
(RN) 20820-80-8
(RR) 2641-09-0 (oxalate [1:1] salt)
(SY) O-ethyl S-(2-dimethylaminoethyl) methylphosphonothioate
(SY) methylethoxy(2-dimethylaminoethylthio)phosphine oxide
(SY) EDMM
(SY) methylthiophosphorous acid O-ethyl S-2-dimethylamianoethyl ester
(SY) 33-SN
(HM) *THIOPHOSPHORIC ACID ESTERS
(PA) CHOLINESTERASE INHIBITORS
(NO) RN given refers to parent cpd, structure

SN 49537 see thidiazuron

SOAO see spiro-17-oxiranyl-delta(4)-androsten-3-one

SOAZ see pentazirinocyclodiphosphathiazene

sobrepin see sobrerol

sobrerol
(RN) 498-71-5
(RR) 32226-54-3 ((+-)-isomer)
(SY) sobrepin
(SY) 1-methyl-alpha-hydroxyisopropylcyclohexenol-6
(SY) 1-methyl-4-(2-hydroxyisopropyl)cyclohex-1,2-en- 6-ol
(HM) *TERPENES
(PA) EXPECTORANTS
(NO) RN given is for parent cpd; structure

Socketol
(RN) 81340-57-0
(HM) *PREDNISOLONE, TOPICAL
(HM) *LIDOCAINE
(HM) DRUG COMBINATIONS
(PA) ANTI-INFECTIVE AGENTS, LOCAL
(NO) ointment which contains phenylmercuric acetate, 8-hydroxyquinoline, ethyleneglycol monophenyl ether, thymol, perubalsam, prednisolone & lidocaine; last two cpds are active ingredients; for treatment of alveolar infections

SOC organosilicone see 2,2-dimethyl-4-(chloromethyl)-1,3-dioxa-2-silacyclopentane

soda lime
(RN) 8006-28-8
(HM) *SODIUM HYDROXIDE
(NO) carbon dioxide adsorbant

sodium acetate see acetic acid glacial

sodium N-acetylglutamate see N-acetylglutamate

sodium acetylhomotaurine see N-acetylhomotaurine

sodium adenosine triphosphatase see sodium ATPase

sodium adipate see adipic acid

sodium alginate see alginic acid

sodium alkyl benzyl sulfonate see alkylbenzyl sulfonic acid

sodium aluminosilicate see zeolite

sodium aluminum phosphate see aluminum sodium phosphate

sodium aluminum tetrafluoride
(SY) NaAlF4
(HM) *ALUMINUM
(HM) *FLUORIDES

sodium-4-aminobenzoic acid-N-xyloside see 4-aminobenzoic acid-N-xyloside

sodium ammonium tartrate see tartaric acid

sodium amylosulfate see amylosulfate sodium

sodium 3-((4-anilinophenyl)azo)benzenesulfonate see metanil yellow

sodium arsenate
(RN) 7631-89-2
(RR) 13464-38-5 (tri-Na salt)
(RR) 10103-60-3 (mono-Na salt)
(RR) 10048-95-0 (di-Na heptahydrate)
(RR) 7778-43-0 (di-Na salt)
(RR) 13464-42-1 (H4As2O7 tetra-Na salt)
(RR) 13900-00-0 (H4As2O7 unspecified Na salt)
(RR) 15120-17-9 (HAsO3 Na salt)
(RR) 55957-14-7 (H3AsO4 di-Na salt)
(SY) Na2HAsO4.7H2O
(SY) sodium arsenate, dibasic
(SY) Terro Ant Killer
(HM) *ARSENATES
(NO) RN given refers to unspecified Na salt

sodium arsenate, dibasic see sodium arsenate

sodium arsenite
(RN) 13768-07-5
(SY) sodium metaarsenite
(HM) *ARSENIC
(II) SULFHYDRYL REAGENTS

sodium artesunate see artesunate

sodium ATPase
(RN) EC 3.6.1.-
(SY) sodium adenosine triphosphatase
(SY) Na ATPase
(SY) ATPase, sodium
(HM) *ADENOSINE TRIPHOSPHATASE
(NO) Na activated, Mg dependent ATPase; aspect of ATPase, EC 3.6.1.3

sodium aurothiopropanol sulfonate see chrysanol

sodium aurothiosulfate see gold sodium thiosulfate

sodium azide
(RN) 26628-22-8
(SY) sodium triazide
(HM) *AZIDES
(II) INDICATORS AND REAGENTS
(NO) nitridizing agent; inhibitor of terminal oxidation; structure

sodium barbiturate see barbituric acid

sodium benzenesulfonate see benzenesulfonic acid

sodium benzenesulphonate see benzenesulfonic acid

sodium benzoate see benzoic acid

sodium 4-benzyl-4-(1-oxo-2-(4-chlorobenzyl)-3-phenylpropyl)phenyl phosphonate see N-0164

sodium 7beta-(2R, 3S)-2-(4-ethyl-2,3-dioxo-1-piperazinecarboxamido)-(3-hydroxybutanamido)-7alpha-methoxy-3-((1-methyl-1H-tetrazol-5-yl)thiomethyl)-3-cephem-4-carboxylate see cefbuperazone

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sodium 6 beta-(D-2-(4-ethyl-2,3-dioxopiperazine-1-yl) carbonylamino)-2-(3,4-dihydroxyphenyl)acetamido)-6 alpha-formamido-penicillinate see BRL 36650

sodium bicarbonate
(RN) 144-55-8
(RR) 7542-12-3 (unspecified Na salt)
(RR) 17836-73-6 (unspecified Na salt hydrate)
(SY) sodium hydrogen carbonate
(HM) *BICARBONATES
(HM) *SODIUM
(NO) RN given refers to mono-Na salt

sodium bichromate
(RN) 10588-01-9
(RR) 7789-12-0 (dihydrate)
(SY) sodium dichromate
(SY) Na2Cr2O7
(HM) *CHROMATES
(NO) RN given refers to di-Na salt

sodium biphosphate see sodium phosphate

sodium bisulfide
(RN) 16721-80-5
(SY) NaHS
(HM) *SULFIDES
(NO) RN given refers to sodium sulfide (Na(SH)); see also record for sodium sulfide (Na2S)

sodium bisulfite
(RN) 7631-90-5
(HM) *SULFITES
(PA) ANTI INFECTIVE AGENTS, LOCAL
(PA) MUTAGENS
(II) ANTIOXIDANTS
(NO) has been used externally for parasitic skin diseases and as gastrointestinal antiseptic; structure

sodium borate
(RN) 1330-43-4
(RR) 1303-96-4 (di-Na decahydrate)
(RR) 63989-70-8 (di-Na heptahydrate)
(RR) 12447-36-8 (di-Na monohydrate)
(SY) sodium tetraborate
(SY) Komex
(HM) *BORATES
(NO) RN given refers to boric acid (H2B4O7), di-Na salt

sodium borohydrate see sodium borohydride

sodium borohydride
(RN) 16940-66-2
(RR) 35576-64-8 (3H-labeled cpd)
(SY) sodium borohydrate
(SY) sodium borotritide
(SY) sodium tetrahydroborate
(HM) *BOROHYDRIDES
(NO) RN given refers to parent cpd

sodium borotritide see sodium borohydride

sodium bromide
(RN) 7647-15-6
(RR) 42148-17-4 (82Br-labeled cpd)
(RR) 59217-63-9 (former CAS registry number)
(HM) *SODIUM
(HM) *BROMIDES
(NO) RN given refers to parent cpd

sodium butyrate see butyric acid

sodium-calcium antiporter see calcium-sodium antiporter

sodium calcium ATPase
(RN) EC 3.6.1.-
(SY) Ca Na ATPase
(SY) Na Ca ATPase
(SY) calcium sodium ATPase
(SY) ATPase, sodium calcium
(SY) ATPase, calcium sodium
(HM) *ADENOSINE TRIPHOSPHATASE

sodium-calcium carrier
(SY) calcium-sodium carrier
(SY) sodium-calcium uniporter
(SY) sodium-calcium exchanger
(HM) *CARRIER PROTEINS
(II) CALCIUM
(NO) catalyzes calcium influx & efflux in cardiac mitochondria, rat brain intracellular membranes

sodium-calcium exchanger see sodium-calcium carrier

sodium-calcium uniporter see sodium-calcium carrier

sodium carbonate
(RN) 497-19-8
(RR) 14050-64-7 (14C-labeled cpd di-Na salt)
(RR) 13363-41-2 (Na[4:5] salt)
(RR) 7279-86-9 (14C-labeled cpd mono-Na salt)
(RR) 7542-12-3 (unspecified Na salt)
(RR) 6106-20-3 (Na[2:3] salt dihydrate)
(RR) 56399-31-6 (di-Na salt heptahydrate)
(RR) 5968-11-6 (di-Na salt monohydrate)
(RR) 6721-32-0 (mono-Na salt monohydrate)
(RR) 17836-73-6 (unspecified Na salt hydrate)
(HM) *CARBONATES
(NO) used topically for dermatitides, mouthwash, vaginal douche; veterinary use as emergency emetic; RN given refers to carbonic acid, di-Na salt; structure

sodium cellulose phosphate see phosphocellulose

sodium cetylsulfate see cetylsulfonic acid

sodium cetylsulphate see cetylsulfonic acid

sodium channel see sodium channel proteins

sodium channel proteins
(SY) Electrophorus electricus sodium channel protein
(SY) sodium channel
(HM) *MEMBRANE PROTEINS
(II) ION CHANNELS
(II) SODIUM
(NO) MW species dependent; isolated & partial amino acid sequence determined

sodium channel saxitoxin binding component see saxitoxin-binding protein

sodium chlorate
(RN) 7775-09-9
(HM) *CHLORATES
(PA) HERBICIDES

sodium-chloride cotransporter
(SY) sodium-chloride transporter
(HM) *CARRIER PROTEINS

sodium-chloride transporter see sodium-chloride cotransporter

sodium chlorite see chlorite

sodium 2-(5-(4-chlorophenyl)pentyl)oxirane-2- carboxylate see B 807-27

sodium-2-chloropropionate see 2-chloropropionic acid

sodium-8-chlorotheophylline see 8-chlorotheophylline

sodium cholate see cholic acid

sodium chromate see sodium chromate(VI)

sodium chromate(VI)
(RN) 7775-11-3
(RR) 12680-48-7 (cpd with unspecified MF)
(RR) 7789-12-0 (Cr2H2O7 di-Na salt dihydrate)
(RR) 31924-34-2 (Cr2H2O7 di-Na salt monohydrate)
(RR) 10039-53-9 (51Cr-labeled cpd di-Na salt)
(SY) chromium sodium oxide (CrNa2O4)
(SY) sodium chromate
(HM) *CHROMATES
(NO) RN given refers to cpd with (MF) CR-H2-O4.Na

sodium citrate see citric acid

sodium copper chlorophyllin see chlorophyllin

sodium cyanate
(RN) 917-61-3
(HM) *CYANATES
(NO) used in treatment of sickle cell anemia; RN given refers to cyanic acid, Na salt

sodium cyanoborohydride
(RN) 25895-60-7
(SY) sodium cyanohydridoborate
(HM) *BOROHYDRIDES
(II) INDICATORS AND REAGENTS
(NO) reagent for preparing biologically active nitroxides

sodium cyanohydridoborate see sodium cyanoborohydride

sodium cyclamate see cyclamic acid

sodium dehydroacetate see dehydroacetic acid

sodium dextran sulfate see dextran sulfate sodium

sodium diazosalicylate see azodisalicylate

sodium dichloroisocyanurate see troclosene

sodium dichloro-s-triazine-2,4,6(1H,3H,5H)-trione see troclosene

sodium dichromate see sodium bichromate

sodium diethanolamine dithiocarbamate see diethanolamine dithiocarbamic acid

sodium dioctyl sulfosuccinate see dioctyl sulfosuccinic acid

sodium diphosphate see sodium pyrophosphate

sodium disulfite see sodium metabisulfite

sodium divalproex see divalproex

sodium estrone sulfate see estrone sulfate

sodium ferulate see ferulic acid

sodium fluorescein see fluorescein

sodium fluoroacetate see fluoroacetic acid

sodium fluorocitrate see fluorocitrate

sodium fluosilicate see sodium hexafluorosilicate

sodium formate see formic acid

sodium fumarate see fumaric acid

sodium gluconate see gluconic acid

sodium-glutamate cotransporter
(SY) sodium-glutamate transporter
(SY) glutamate-sodium carrier
(HM) *CARRIER PROTEINS
(II) GLUTAMATES
(II) SODIUM
(NO) found in a variety of organs; increases the glutamate concentration in the renal proximal tubular cells to a very high concentration

sodium-glutamate transporter see sodium-glutamate cotransporter

sodium guaiazulene sulfonate see azulene SN

sodium p-hexadecylaminobenzoate see cetaben

sodium 4-(hexadecylamino)benzoate see cetaben

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sodium hexafluorosilicate
(RN) 16893-85-9
(SY) sodium fluosilicate
(HM) *SILICIC ACID
(HM) *FLUORIDES
(NO) structure

sodium hexametaphosphate see sodium polymetaphosphate

sodium-hydrogen antiporter
(SY) sodium-hydrogen exchanger
(SY) Na(+)-H(+)-exchanger
(SY) sodium-proton antiporter
(HM) *CARRIER PROTEINS
(NO) catalyzes exchange of protons & cations in various physiological systems; see also records for Ca/Na antiporter & Na/H antiporter

sodium hydrogen carbonate see sodium bicarbonate

sodium-hydrogen exchanger see sodium-hydrogen antiporter

sodium hydroselenite see selenious acid

sodium 3-hydroxybenzoic acid see 3-hydroxybenzoic acid

sodium 2-hydroxy-3,5-dichlorobenzenesulfonate see 3,5-dichloro-2-hydroxybenzenesulfonic acid

sodium 2-hydroxy-5-nitro-alpha-toluenesulfonate see 2-hydroxy-5-nitro-alpha-toluenesulfonic acid

sodium hypobromite see hypobromous acid

sodium hypophosphite
(RN) 7681-53-0
(RR) 10039-56-2 (monohydrate)
(HM) *PHOSPHINIC ACIDS
(NO) RN given refers to phosphinic acid, Na salt; structure

sodium hyposulfite see sodium thiosulfate

sodium iocarmate see iocarmic acid

sodium iodate
(RN) 7681-55-2
(RR) 17250-90-7 (pentahydrate)
(HM) *IODATES
(NO) RN given refers to iodic acid, Na salt

sodium iron EDTA see Fe(III)-EDTA

sodium iron(III)gluconate see ferric gluconate

sodium isobutyrate see isobutyric acid

sodium lactate see lactic acid

sodium laurate see lauric acid

sodium laurylbenzenesulfonate see dodecylbenzenesulfonic acid

sodium N-laurylsarcosinate see sarkosyl

sodium-lithium countertransporter
(SY) lithium-sodium exchanger
(SY) Na-Li antiporter
(HM) *CARRIER PROTEINS
(NO) does not exchange sodium-hydrogen

sodium loxoprofen see loxoprofen

sodium-magnesium antiporter
(SY) Na Mg antiport
(HM) *CARRIER PROTEINS
(II) MEMBRANE PROTEINS
(II) SODIUM
(II) MAGNESIUM

sodium maleate see maleic acid

sodium meglumine calcium metrizoate see isopaque cerebral

sodium metaarsenite see sodium arsenite

sodium metabisulfite
(RN) 7681-57-4
(RR) 7757-74-6 (duplicate RN)
(RR) 71104-99-9 (35S2-labeled cpd)
(RR) 18403-71-9 (unspecified Na salt)
(SY) sodium disulfite
(SY) Na(2)S(2)O(5)
(HM) *SULFITES
(NO) request from searcher; RN given refers to disulfurous acid, di-Na salt

sodium metaperiodate
(RN) 7790-28-5
(SY) sodium periodate
(SY) periodate
(HM) *PERIODIC ACIDS
(II) MITOGENS
(NO) RN given refers to periodic acid, Na salt; structure

sodium metasilicate
(RN) 6834-92-0
(RR) 16026-60-1 (mono-Na salt)
(RR) 15915-98-7 (unspecified Na salt)
(HM) *SILICIC ACID
(II) DETERGENTS
(NO) RN given refers to silicic acid, di-Na salt

sodium metatungstate
(SY) hexasodium metatungstate
(HM) *TUNGSTEN
(NO) cpd with MF Na6-H2-W12-O40

sodium metavanadate see metavanadate

sodium methanearsonate see monomethylarsonic acid

sodium 5-methoxysalicylate see 5-methoxysalicylic acid

sodium methylglucamine diatrizoate see urovision

sodium methylglucamine ioxaglate see ioxaglic acid

sodium methyl sulfate see methyl sulfate

sodium molybdate see sodium molybdate(VI)

sodium molybdate(VI)
(RN) 7631-95-0
(RR) 10102-40-6 (dihydrate)
(RR) 12680-49-8 (cpd with unspecified MF)
(RR) 59826-06-1 (mono-Na salt)
(RR) 14666-91-2 (Na salt)
(RR) 38848-45-2 (99Mo-labeled cpd)
(SY) sodium molybdate
(SY) Na2MoO4
(HM) *MOLYBDENUM
(NO) RN given refers to molybdic acid, di-Na salt

sodium monofluorophosphate see fluorophosphate

sodium nitrate
(RN) 7631-99-4
(HM) *NITRATES

sodium 5-nitrofurylacrylate see nitrofurylacrylic acid

sodium nucleinate
(RN) 9010-05-3
(SY) nucleinate
(SY) sodium ribonucleinate
(HM) *NUCLEIC ACIDS
(PA) PYROGENS
(PA) INTERFERON INDUCERS
(PA) IMMUNOSTIMULANTS
(PA) ANTI-ULCER AGENTS
(II) RNA, FUNGAL
(NO) extracts from yeast; may be RNA preparation

sodium oleate see osteum

sodium ortho-phenylphenate see 2-phenylphenol

sodium ortho-phenylphenol see 2-phenylphenol

sodium orthovanadate see vanadate

sodium oxalate see oxalic acid

sodium 2-(4-(2-oxocyclopentylmethyl)phenyl)propionate dihydrate see loxoprofen

sodium oxyferriscorbone see oxyferriscorbone

sodium palmitate see palmitic acid

sodium pectate see polygalacturonic acid

sodium perborate
(RN) 11138-47-9
(RR) 10486-00-7 (mono-Na salt tetrahydrate)
(RR) 10332-33-9 (mono-Na salt monohydrate)
(RR) 7632-04-4 (mono-Na salt)
(HM) *BORATES
(NO) RN given refers to cpd with unknown MF

sodium percarbonate
(RN) 14455-47-1
(RR) 20745-24-8 (mono-Na salt)
(RR) 4452-58-8 (di-Na salt)
(HM) *CARBONATES
(NO) RN given refers to unspecified Na salt

sodium perchlorate
(RN) 7601-89-0
(SY) perchlorate
(HM) *PERCHLORIC ACIDS

sodium periodate see sodium metaperiodate

sodium phenoxide see phenol

sodium phenylacetate see phenylacetic acid

sodium phosphate
(RN) 7632-05-5
(RR) 7558-80-7 (mono-Na salt)
(RR) 10039-32-4 (di-Na salt dodecahydrate)
(RR) 7782-85-6 (di-Na salt heptahydrate)
(RR) 7635-46-3 (32P-labeled cpd di-Na salt)
(RR) 7558-79-4 (di-Na salt)
(RR) 65185-91-3 (Na[2:3] salt)
(RR) 41555-87-7 (32P-labeled cpd tri-Na salt)
(RR) 10101-89-0 (tri-Na salt dodecahydrate)
(RR) 8027-28-9 (32P-labeled cpd Na salt)
(SY) disodium phosphate
(SY) fleet enema
(SY) disodium acid phosphate
(SY) sodium phosphate, dibasic
(SY) P-buffer
(SY) phosphoric acid, monosodium salt
(SY) sodium biphosphate
(HM) *PHOSPHATES
(II) ENEMA
(NO) RN given refers to unspecified Na salt of phosphoric acid

sodium phosphate, dibasic see sodium phosphate

sodium polyacrylate see carbopol 940

sodium polymetaphosphate
(RN) 10124-56-8
(RR) 14550-21-1 (unspecified Na salt)
(SY) Calgon
(SY) sodium hexametaphosphate
(SY) polymetaphosphate
(HM) *PHOSPHATES
(NO) RN given refers to metaphosphoric acid, hexa-Na salt

sodium polystyrene sulfonate see polystyrene sulfonic acid

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sodium, potassium, chloride–cotransporter
(SY) Na(+), K(+), Cl(-)-cotransporter
(SY) Na-K-Cl-transporter
(HM) *CARRIER PROTEINS
(II) MEMBRANE PROTEINS
(II) SODIUM
(II) POTASSIUM
(II) CHLORIDES
(NO) MW 34,000 polypeptide from outer renal medullar membrane; photolabeled with bumetanide

sodium–potassium–magnesium–aspartate–sorbitol see LK 352

sodium–proton antiporter see sodium–hydrogen antiporter

sodium (E)–3–(4–(3–pyridylmethyl)phenyl)–2– methylacrylate see OKY 1581

sodium pyrophosphate
(RN) 7722–88–5
(RR) 10042–91–8 (unspecified Na salt)
(RR) 60091–18–1 (32P2–labeled cpd tetra–Na salt)
(RR) 14691–80–6 (tri–Na salt)
(RR) 7758–16–9 (di–Na salt)
(RR) 13472–36–1 (tetra–Na salt decahydrate)
(SY) sodium diphosphate
(SY) tetrasodium pyrophosphate
(HM) *PYROPHOSPHATES
(PA) ANTINEOPLASTIC AGENTS
(NO) RN given refers to diphosphoric acid, tetra–Na salt; structure

sodium rhodizonate see rhodizonic acid

sodium ribonucleinate see sodium nucleinate

sodium selenate
(RN) 13410–01–0
(RR) 61641–45–0 (75Se–labeled cpd di–Na salt)
(RR) 10102–23–5 (di–Na salt decahydrate)
(RR) 10112–94–4 (mono–Na salt)
(SY) disodium selenate
(HM) *SELENIUM
(NO) RN given refers to selenic acid, di–Na salt

sodium selenide
(RN) 1313–85–5
(RR) 1313–86–6 (Na2–Se6)
(RR) 57979–56–3 (Na–75SeH–labeled cpd)
(RR) 57979–57–4 (Na2–75Se2–labeled cpd)
(HM) *SELENIUM
(NO) RN given refers to cpd with MF of Na2–Se

sodium selenite see selenious acid

sodium selenium oxide see selenium oxide

sodium selenium trioxide see selenium oxide

sodium sesquicarbonate see Magadi soda

sodium silicate
(RN) 1344–09–8
(RR) 13472–30–5 (H4O4Si tetra–Na salt)
(RR) 15593–82–5 (H7O7Si2 hexa–Na salt)
(RR) 13870–28–5 (H2O5Si2 di–Na salt)
(RR) 10213–79–3 (H2O3Si di–Na salt pentahydrate)
(RR) 13870–30–9 (H2O7Si3 di–Na salt)
(RR) 12135–35–2 (H2O9Si4 di–Na salt)
(HM) *SILICIC ACID
(NO) water glass; formerly used in tuberculosis, bronchial asthma, arteriosclerosis, & as topical antiseptic; irritating & caustic to skin, mucous membranes; if swallowed, causes vomiting & diarrhea; RN given refers to silicic acid, Na salt

sodium stannite see stannite

sodium succinate see succinic acid

sodium–succinate–cotransporter
(SY) sodium–succinate–transporter
(SY) succinate–sodium–carrier
(SY) Na(+)–succinate–cotransporter
(HM) *CARRIER PROTEINS
(II) MEMBRANE PROTEINS
(II) SUCCINATES
(II) SODIUM
(NO) from rabbit renal brush–border membranes

sodium–succinate–transporter see sodium–succinate–cotransporter

sodium sulfate
(RN) 7757–82–6
(RR) 14262–80–7 (35S–labeled cpd)
(RR) 7681–38–1 (mono–Na salt)
(RR) 15124–09–1 (unspecified Na salt)
(RR) 7727–73–3 (di–Na salt decahydrate)
(RR) 10034–88–5 (mono–Na salt monohydrate)
(RR) 13759–07–4 (thenardite)
(SY) thenardite
(HM) *SULFATES
(NO) RN given refers to sulfuric acid, di–Na salt

sodium sulfide
(RN) 1313–82–2
(SY) Na2S
(HM) *SULFIDES
(NO) see also record for sodium bisulfide

sodium sulfite
(RN) 7757–83–7
(RR) 34559–89–2 (35S–labeled cpd)
(RR) 10579–83–6 (unspecified Na salt)
(RR) 10102–15–5 (heptahydrate)
(SY) sodium sulphite
(HM) *SULFITES
(NO) RN given refers to sulfurous acid, di–Na salt; see also sodium bisulfite

sodium sulisatin see sulisatin

sodium sulphite see sodium sulfite

sodium tanshinone II A sulfonate see tanshinone II A sodium sulfonate

sodium tartrate see tartaric acid

sodium tauroglycocholate see tauroglycocholic acid

sodium tetraborate see sodium borate

sodium tetrachloronitrido technetate
(SY) Na(TcNCl4)
(HM) *TECHNETIUM
(HM) *NITROGEN
(NO) complex used for preparation of Tc radiopharmaceuticals containing Tc–nitrido group (TcN)

sodium tetrahydroborate see sodium borohydride

sodium thiocyanate
(RN) 540–72–7
(RR) 17032–40–5 (dihydrate);
(RR) 55526–68–6 (tetrahydrate)
(SY) NaSCN
(HM) *THIOCYANATES
(NO) RN given refers to thiocyanic acid, Na salt

sodium thioglycolate see 2–mercaptoacetate

sodium thiophenecarboxylate see thiophene–2–carboxylate

sodium thiophosphate see thiophosphoric acid

sodium thiosulfate
(RN) 7772–98–7
(RR) 10102–17–7 (pentahydrate)
(RR) 31717–03–0 (unspecified Na salt)
(SY) sodium hyposulfite
(HM) *THIOSULFATES
(PA) ANTIDOTES
(NO) do not confuse synonym sodium hyposulfite with sodium hyposulfite, synonym for di–Na salt of dithionous acid; RN given refers to thiosulfuric acid, di–Na salt

sodium p–toluenesulfonchloramide see chloramine–T

sodium transport inhibitor
(SY) inhibitin
(HM) *PEPTIDES
(PA) SODIUM/antag
(II) BIOLOGICAL TRANSPORT, ACTIVE
(NO) substance in blood of patients with essential hypertension which influences active transport of sodium; peptide from cultured leukemic promyelocytes

sodium triazide see sodium azide

sodium trimetaphosphate see trimetaphosphoric acid

sodium 2,3,4–trinor–1,5–2–phenylene–6,9–epoxy–11,15–dihydroxy–15–cyclohexyl–(16,17,18,19,20–pentanor) prosta–5,13–dienoate see CG 4203

sodium triphosphate see triphosphoric acid

sodium tripolyphosphate see triphosphoric acid

sodium tungstate see sodium tungstate(VI)

sodium tungstate(VI)
(RN) 13472–45–2
(RR) 10213–10–2 (dihydrate)
(RR) 35866–67–2 (181W–labeled cpd)
(RR) 11120–01–7 (Na salt of cpd with unknown MF)
(SY) sodium tungstate
(SY) 11120–01–7
(HM) *TUNGSTEN
(NO) inactivates molbdoenzymes in ANABAENA; RN given refers to tungstic acid [H2WO4], di–Na salt

SOEP see spiro–17 beta–oxiranylestra–1,3,5(10),6,8–pentaene–3– ol

sofalcone see SU 88

Soflens see Bionite

soft coal fly ash see fly ash

SOGMAB see 4'–sulfonyloxy–N–(glutathion–S–methylene)–4–aminoazobenzene

sokotrasterol sulfate
(RN) 85748–14–7
(SY) 24,25,26,26–tetramethyl–5–alpha–cholestene–2 beta,3 alpha,6 alpha–triol trisulfate
(HM) *CHOLESTENES
(NO) from Halichondriidae; structure given in first source

sol see methylmethacrylate

solamid
(RN) 70955–96–3
(SY) solamide I
(HM) *BENZALKONIUM COMPOUNDS
(II) DISINFECTANTS

solamide I see solamid

solanidine
(RN) 80–78–4
(HM) *SOLANACEOUS ALKALOIDS
(NO) structure

solantal see tiaramide

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Solanum tuberosum agglutinin see potato lectin

solasodine
(RN) 126-17-0
(RR) 38675-34-2 (citrate salt (3alpha,22alpha,25R)-isomer)
(RR) 546-40-7 ((3beta,22beta,25S)-isomer)
(SY) tomatidenol
(HM) *SOLANACEOUS ALKALOIDS
(NO) RN given refers to (3beta,22alpha,25R)-isomer; RN for cpd without isomeric designation not in Chemline 7/83; structure

Solatran see ketazolam

solcoderm
(HM) NITRATES
(HM) ACETIC ACIDS
(HM) LACTATES
(HM) COPPER
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(II) DERMATOLOGIC AGENTS
(NO) used in topical treatment of basal cell epithelioma; chemotherapy protocol consisting of above four cpds

Solcograft
(SY) solcograft-P
(HM) COLLAGEN/*analogs
(NO) calf carotid preparation of deantigenized collagenous fibers stabilized by aldehyde groups; used in vascular reconstructive surgery

solcograft-P see Solcograft

Solcogyn
(HM) *ACIDS
(II) SOLUTIONS
(NO) aqueous solution of various organic & inorganic acids as well as metal ions; used in treatment of cervical erosion

Solcosint-hepatobida see technetium Tc 99m diethyl IDA

SolcoTrichovac
(SY) Solco Trichovac
(HM) *BACTERIAL VACCINES
(II) LACTOBACILLUS
(NO) vaccine from inactivated abnormal strains of lactobacilli; specific strains isolated from vaginal secretion of trichomoniasis patients; used in therapy of trichomoniasis

Solco Trichovac see SolcoTrichovac

solgol see nadolol

solochrome cyanine R
(RN) 3564-18-9
(SY) mordant blue 3
(SY) erichrome cyanin R
(SY) chromoxane cyanin R
(SY) chromoxane cyanine R
(HM) *BENZENESULFONATES
(II) STAINS AND STAINING
(II) DYES
(NO) structure

solpadeine
(RN) 82400-20-2
(HM) *ACETAMINOPHEN
(HM) CODEINE/*analogs
(HM) *CAFFEINE
(HM) DRUG COMBINATIONS
(PA) ANALGESICS
(NO) liquid analgesic combination of paracetamol, codeine phosphate, & caffeine in effervescent base with sorbitol

soluble immune response suppressor
(HM) *SUPPRESSOR FACTORS, IMMUNOLOGIC
(II) PROTEINS
(II) LIPOPROTEINS
(NO) released by concanavalin A activated spleen cells; protein or glycoprotein; MW between 48,000-67,000; also lipoprotein complex

solucampher see 10-camphorsulfonic acid

Solu-Cortef see cortisol succinate

Solucyclin see etamiphyllin

Solu- Decadron see dexamethasone-21-phosphate

Solu-Decortin-H see prednisolone hemisuccinate

Solu-Delta-Cortef see prednisolone hemisuccinate

solufenum
(RN) 57469-77-9
(SY) saren
(SY) 2-(4-isobutylphenyl)lysine propionate
(SY) lysine-ibuprofen
(SY) lysine-p-isobutylphenylpropionate
(SY) arflamin
(SY) ibuprofenlysinate
(HM) IBUPROFEN/*analogs
(HM) LYSINE/*analogs
(NO) water-soluble salt of ibuprofen; structure in fourth source

Solufillae see etamiphyllin

solupront
(RN) 127-81-1
(SY) 4-aminobenzenesulfonylaminomethane sulfonic acid triethanolamine
(HM) *SULFANILAMIDES
(HM) *ETHANOLAMINES
(NO) RN given refers to [1:1] salt

Solusprin
(RN) 37933-78-1
(RR) 62952-06-1 (monosalicylate (DL-Lys)-isomer)
(RR) 34220-70-7 (monosalicylate (L-Lys)-isomer)
(SY) flectadol
(SY) lysine acetylsalicylate
(SY) Aspegic
(SY) acetylsalicylic acid lysinate
(SY) aspirin lysinate
(SY) Aspisol
(SY) Lasdol
(HM) ASPIRIN/*analogs
(HM) LYSINE/*analogs
(PA) ANALGESICS
(NO) RN given refers to (L)-lysine, unspecified salicylate salt

Solutrast see iopamidol

solvent green 3 see cyanine green G base

Solvent Red 23 see sudan III

Solvent Yellow 14 see 1-phenylazo-2-naphthol

solvent yellow 33 see D.C. Yellow dye No. 11

somanase see carboxylesterase

somaotropin releasing hormone (1-43)OH see somatotropin releasing hormone (1-43)

somatocrinin
(SY) hpGRF 44
(SY) growth hormone releasing factor 44
(SY) somatotropin releasing factor 44
(SY) hpGRF(1-44)
(SY) GRF (1-44)
(SY) human pancreatic growth hormone-releasing factor
(SY) hpGRF(1-44)-NH2
(HM) *SOMATOTROPIN RELEASING HORMONE
(HM) *PEPTIDE FRAGMENTS
(II) PANCREATIC HORMONES
(NO) 44 amino acid peptide from human pancreatic tumor; possesses high specific activity to release growth hormone

somatocrinin receptor
(SY) receptor, somatocrinin
(SY) somatocrinin receptors
(SY) hpGRF-44 receptor
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) SOMATOTROPIN RELEASING HORMONE

somatocrinin receptors see somatocrinin receptor

somatocrinin (1-40) see somatotropin releasing factor 40

somatomedin A
(RN) 62046-94-0
(RR) 9038-70-4 (somatomedin)
(HM) *SOMATOMEDINS
(NO) RN given refers to cpd with unknown MF; see also record for somatomedin B

somatomedin B
(RN) 63774-77-6
(HM) *SOMATOMEDINS
(PA) TRYPSIN INHIBITORS
(NO) not the same as sulfation factor it is growth hormone dependent and has trypsin inhibitor activity; see also record for somatomedin A

somatomedin-binding protein
(SY) somatomedin C-binding protein
(HM) *CARRIER PROTEINS
(II) SOMATOMEDINS

somatomedin C-binding protein see somatomedin-binding protein

somatomedin inhibitor
(HM) *SOMATOMEDINS

somatomedin receptor
(SY) receptor, somatomedin
(SY) somatomedin receptors
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) SOMATOMEDINS

somatomedin C receptor see insulin-like growth factor receptor

somatomedin receptors see somatomedin receptor

somatomedin C receptors see insulin-like growth factor receptor

somatostatin, 5-D-alanyl-8-D-tryptophan- see somatostatin, 5-D-Ala-8-D-Trp-

somatostatin, 2-alanyl-8-D-tryptophyl-14-D-cysteine- see somatostatin, 2-Ala-8-D-Trp-14-D-Cys-

somatostatin, 2-Ala-8-D-Trp-14-D-Cys-
(RN) 66610-28-4
(SY) somatostatin, 2-alanyl-8-D-tryptophyl-14-D-cysteine-
(SY) 2-alanyl-8-D-tryptophyl-14-D-cysteine somatostatin
(SY) 2-Ala-8-D-Trp-14-D-Cys-somatostatin
(HM) SOMATOSTATIN/*analogs

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somatostatin, 5-D-Ala-8-D-Trp-
(SY) somatostatin, 5-D-alanyl-8-D-tryptophan-
(SY) 5-D-Ala-8-D-Trp-somatostatin
(SY) 5-D-alanyl-8-D-tryptophan somatostatin
(HM) SOMATOSTATIN/*analogs

somatostatin, 4-(4-aminophenylalanyl)-8-tryptophan- see somatostatin, 4-(4-NH2-Phe)-8-Trp-

somatostatin-28 convertase
(RN) EC 3.4.99.-
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) converts somatostatin-28 to somatostatin-14 & somatostatin-28(1-12)

somatostatin, cyclic see cyclic somatostatin

somatostatin, cyclic hexapeptide(phenylalanyl-phenylalanyl-tryptophyl-lysyl-threonyl-phenylalanyl)- see somatostatin, cyclic hexapeptide(Phe-Phe-Trp-Lys-Thr-Phe)-

somatostatin, cyclic hexapeptide(Phe-Phe-Trp-Lys-Thr-Phe)-
(SY) cyclo(Phe-Phe-Trp-Lys-Thr-Phe)
(SY) CHP!
(SY) somatostatin, cyclic hexapeptide(phenylalanyl-phenylalanyl-tryptophyl-lysyl-threonyl- phenylalanyl)-
(SY) cyclo(phenylalanyl-phenylalanyl-tryptophyl-lysyl-threonyl-phenylalanyl)
(HM) *SOMATOSTATIN
(HM) *PEPTIDE FRAGMENTS
(NO) cyclic hexapeptide somatostatin analog with reduced gastric inhibitory activity

somatostatin, cyclic hexapeptide (Pro-Phe-Trp-Lys-Thr-Phe)- see cyclo(prolyl-phenylalanyl-tryptophyl-lysyl-threonyl-phenylalanyl)

somatostatin, cycloA-cycloCPTLTC see cyclo(aminoheptanoic acid-cyclo(cysteinyl-phenylalanyl-D-tryptophyl-lysyl-threonyl-cysteinyl))

somatostatin, cyclo-(7-Ahep-Phe-Trp-Lys- Thr(Bzl))-
(SY) somatostatin, cyclo-(7-aminoheptanoyl-phenylalanyl-tryptophyl-lysyl-benzylthreonine)-
(SY) cyclo-(7-Ahep-Phe-Trp-Lys-Thr(Bzl))
(SY) CPP1
(SY) cyclo-(7-aminoheptanoyl-phenylalanyl-tryptophyl-lysyl-benzylthreonine)
(HM) SOMATOSTATIN/*analogs
(NO) cyclic pentapeptide somatostatin analog with reduced gastric inhibitory activity

somatostatin, cyclo-(7-aminoheptanoyl-phenylalanyl-tryptophyl-lysyl-benzylthreonine)- see somatostatin, cyclo-(7-Ahep-Phe-Trp-Lys-Thr(Bzl))-

somatostatin, cyclo(des-(1-Ala-2-Gly-14-Cys)-3-S-COMe-homo-Cys-amide-8-Trp-)
(RN) 78841-24-4
(SY) cyclo(des-(1-Ala-2-Gly-14-Cys)-3-S-COMe-homo-Cys-amide-8-Trp)somatostatin
(SY) SRIH-cyclo-dAGC-CMHT
(SY) somatostatin, cyclo(des-(1,2-alanylglycine,14-cysteine)-3-S-carboxymethylhomocysteinamide,8-tryptophyl)-
(SY) cyclo(des-(1,2-alanylglycine-14-cysteine)-3-S-carboxymethylhomocysteinamide-8-tryptophyl) somatostatin
(HM) SOMATOSTATIN/*analogs

somatostatin, cyclo(des-(1,2-alanylglycine,14-cysteine)-3-S-carboxymethylhomocysteinamide,8-tryptophyl)- see somatostatin, cyclo(des-(1-Ala-2-Gly-14-Cys)-3-S-COMe-homo-Cys-amide-8-Trp-)

somatostatin, cyclo(GABA-5-Asn-6,7-Phe-8-Trp-9-Lys-10-Thr-11-Phe)-
(RN) 76080-70-1
(RR) 83510-59-2 (D-Phe, all L-isomer)
(SY) somatostatin, cyclo(GABA-Asn(5)-Phe(6,7)-Trp(8)-Lys(9)-Thr(10)-Phe(11))
(SY) SRIH-cyclic-GAPTLTP
(SY) somatostatin, cyclo(GABA-5-asparaginyl-6,7-phenylalanyl-8-tryptophyl-9-lysyl-10-threonyl-11-phenylalanyl)-
(SY) cyclo(GABA-5-Asn-6,7-Phe-8-Trp-9-Lys-10-Thr-11-Phe)somatostatin
(SY) cyclo(GABA-5-asparaginyl-6,7-phenylalanyl-8-tryptophyl-9-lysly-10-threonyl-11-phenylalanyl) somatostatin
(SY) CGP 15425
(SY) CGP-15425
(HM) SOMATOSTATIN/*analogs
(NO) RN given refers to (D-Trp, all L-isomer); RN for cpd without isomeric designation not in Chemline 3/85

somatostatin, cyclo(GABA-Asn(5)-Phe(6,7)-Trp(8)-Lys(9)-Thr(10)-Phe(11)) see somatostatin, cyclo(GABA-5-Asn-6,7-Phe-8-Trp-9-Lys-10-Thr-11-Phe)-

somatostatin, cyclo(GABA-5-asparaginyl-6,7-phenylalanyl-8-tryptophyl-9-lysyl-10-threonyl-11-phenylalanyl)- see somatostatin, cyclo(GABA-5-Asn-6,7-Phe-8-Trp-9-Lys-10-Thr-11-Phe)-

somatostatin, cyclo(Pro-dehydro-Phe-Trp-Lys-Thr-Phe) see cyclo(prolyl-dehydrophenylalanyl-tryptophyl-lysyl-threonyl-phenylalanyl)

somatostatin, 3-D-cysteine- see somatostatin, 3-D-Cys-

somatostatin, 3-D-Cys-
(RN) 66610-27-3
(SY) somatostatin, 3-D-cysteine-
(SY) 3-D-Cys-somatostatin
(SY) 3-D-cysteine somatostatin
(HM) SOMATOSTATIN/*analogs
(NO) RN given refers to (3-D-Cys)-isomer

somatostatin, 1-des-Ala-2-Gly-desamino-3-Cys-(11-Tyr)-3,14-dicarba- see CGP 23996

somatostatin, 1-des-Ala-2-Gly-4,5-His-8-D-Trp- see Wy 41747

somatostatin, des-alanyl-2-glycyl-desamino-3-cysteinyl-(11-tyrosyl)-3,14-dicarba- see CGP 23996

somatostatin, 5-fluoro-8-Trp-
(RN) 66582-76-1
(RR) 76792-21-7 ((8-D-Trp-14-D-Cys)-isomer)
(RR) 76792-20-6 ((8-L-Trp-14-D-Cys)-isomer)
(RR) 67392-91-0 ((8-D-Trp-14-L-Cys)-isomer)
(SY) somatostatin, 5-fluoro-8-tryptophan-
(SY) 5-F-8-Trp-somatostatin
(SY) 5-fluoro-8-tryptophan somatostatin
(HM) SOMATOSTATIN/*analogs
(NO) RN given refers to (8-L-Trp-14-L-Cys)-isomer; RN for cpd without isomeric designation not in Chemline 12/6/83

somatostatin, 5-fluoro-8-tryptophan- see somatostatin, 5-fluoro-8-Trp-

somatostatin-14 II see somatostatin 14, 7-Tyr-10-Gly-

somatostatin-28 II see somatostatin-28, 7-Tyr-10-Gly-

somatostatin, iodine-Tyr-
(SY) I-Tyr-somatostatin
(SY) iodine-tyrosine somatostatin
(SY) iodine-Tyr-somatostatin
(SY) somatostatin, iodine-tyrosine-
(HM) SOMATOSTATIN/*analogs

somatostatin, iodine-tyrosine- see somatostatin, iodine-Tyr-

somatostatin, 1-iodotyrosine- see somatostatin, 1-iodo-Tyr-

somatostatin, 1-iodo-Tyr-
(RN) 82599-24-4
(SY) I-Tyr(1)-SRIF
(SY) SRIH, 1-Tyr(1)
(SY) somatostatin, 1-iodotyrosine-
(SY) 1-iodo-Tyr-somatostatin
(SY) 1-iodotyrosine somatostatin
(HM) SOMATOSTATIN/*analogs

somatostatin-28,-8-leucyl-22-tryptophyl-iodo-25- tyrosine- see somatostatin-28, Leu(8)-Trp(22)-(I-Tyr(25))-

somatostatin-28, Leu(8)-Trp(22)-(I-Tyr (25))-
(RN) 81381-96-6
(SY) SLTIT
(SY) Leu(8)-Trp(22)-(I-Tyr(25))-somatostatin-28
(SY) somatostatin-28,-8-leucyl-22-tryptophyl-iodo-25-tyrosine-
(SY) 8-leucyl-22-tryptophyl-iodo-25-tyrosyl-somatostatin-28
(HM) *SOMATOSTATIN
(HM) *PEPTIDE FRAGMENTS
(NO) somatostatin agonist

somatostatin-like immunoactivities see somatostatin-like peptides

somatostatin-like immunoreactivity see somatostatin-like peptides

somatostatin-like peptides
(SY) somatostatin-like immunoactivities
(SY) STLIA
(SY) somatostatin-like immunoreactivity
(SY) SRIH-like immunoreactivity
(HM) *PEPTIDES
(II) SOMATOSTATIN
(NO) larger MW peptides than somatostatin; similar in activity to somatostatin

somatostatin, 5-methoxy-Trp(8)-
(RN) 76689-49-1
(SY) somatostatin, 5-methoxytryptophan(8)-
(SY) 5-methoxy-Trp(8)-somatostatin
(SY) 5-methoxytryptophan-8-somatostatin
(SY) MO-Trp(8)-SRIH
(HM) SOMATOSTATIN/*analogs

somatostatin, 5-methoxytryptophan(8)- see somatostatin, 5-methoxy-Trp(8)-

somatostatin Mr 15,000 see prosomatostatin

somatostatin, 4-(4-NH2-Phe)-8-Trp-
(RN) 79232-04-5
(SY) somatostatin, 4-(4-aminophenylalanyl)-8-tryptophan-
(SY) 4-(4-aminophenylalanyl)-8-tryptophan-somatostatin
(SY) 4-(4-NH2-Phe)-8-Trp-somatostatin
(HM) SOMATOSTATIN/*analogs
(NO) RN given refers to L-Phe-D-Trp isomer; RN for cpd without isomeric designation not in Chemline 3/85

somatostatin, octapeptide(8-D-Trp)-
(RN) 68374-47-0
(SY) octapeptide (D-Trp(8))-SRIH
(SY) des-AA(1,2,4,5,12,13)-(D-Trp(8))somatostatin
(SY) ODT8-SS
(SY) Cys-Phe-Phe-D-Trp-Lys-Thr-Phe-Cys
(SY) Cys-Phe-Phe-D-Trp-Lys-Thr-Phe-D-Cys
(SY) des-AA(1,2,4,5,12,13)-(D-Trp(8),D-Cys(14))SS
(SY) octapeptide(8-D-Trp)somatostatin
(SY) somatostatin, octapeptide(8-D-tryptophan)-
(SY) octapeptide(8-D-tryptophan)somatostatin
(SY) octapeptide-(D-Trp(8))-somatostatin
(HM) *SOMATOSTATIN
(HM) *PEPTIDE FRAGMENTS
(II) STEREOISOMERS

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somatostatin, octapeptide(8-D-tryptophan)- see somatostatin, octapeptide(8-D-Trp)-

somatostatin, 4-phenylalanine- see somatostatin, 4-Phe-

somatostatin, 4-Phe-
(RN) 73107-31-0
(RR) 76465-98-0 ((8-D-Trp)-isomer)
(SY) somatostatin, 4-phenylalanine-
(SY) 4-Phe-somatostatin
(SY) 4-phenylalanine somatostatin
(HM) SOMATOSTATIN/*analogs
(NO) selectively inhibits sleep-related growth hormone & glucagon release; RN given refers to (L)-Phe isomer & (L)-Trp isomer

somatostatin receptor
(SY) receptor, somatostatin
(SY) SRIH receptor
(SY) somatotropin release inhibiting hormone receptor
(SY) somatostatin receptors
(SY) 1-iodotyrosine somatostatin receptor
(SY) receptor, 1-iodotyrosine somatostatin
(SY) somatostatin-14 receptor
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) SOMATOSTATIN

somatostatin receptors see somatostatin receptor

somatostatin-14 receptor see somatostatin receptor

somatostatin(28) receptor see somatostatin-28 receptor

somatostatin-28 receptor
(SY) receptor, somatostatin-28
(SY) somatostatin(28) receptor
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) SOMATOSTATIN

somatostatin, D-Trp-D-Cys-
(RN) 61950-59-2
(SY) GHRIH-A
(SY) (D-Trp(8),D-Cys(14))somatostatin
(SY) SRIF-A
(SY) somatostatin, D-tryptophyl-D-cysteine-
(SY) D-Trp-D-Cys-somatostatin
(SY) D-tryptophyl-D-cysteine somatostatin
(HM) SOMATOSTATIN/*analogs

somatostatin, 8-D-Trp-
(RN) 58976-46-8
(SY) (D-Trp(8))-SRIH
(SY) somatostatin, 8-D-tryptophan-
(SY) 8-D-Trp-somatostatin
(SY) 8-D-tryptophan somatostatin
(HM) SOMATOSTATIN/*analogs

somatostatin, 8-D-tryptophan- see somatostatin, 8-D-Trp-

somatostatin, D-tryptophyl-D-cysteine- see somatostatin, D-Trp-D-Cys-

somatostatin 14, 7-Tyr-10-Gly-
(SY) somatostatin(14), 7-tyrosyl-10-glycine-
(SY) 7-Tyr-10-Gly-somatostatin-14
(SY) 7-tyrosyl-10-glycine-somatostatin(14)
(SY) somatostatin-14 II
(HM) SOMATOSTATIN/*analogs

somatostatin-28, 7-Tyr-10-Gly-
(SY) somatostatin(28), 7-tyrosyl-10-glycine-
(SY) 7-Tyr-10-Gly-somatostatin-28
(SY) 7-tyrosyl-10-glycine-somatostatin(28)
(SY) somatostatin-28 II
(HM) SOMATOSTATIN/*analogs
(NO) from anglerfish (Lophius piscatrorius)

somatostatin, N-1-Tyr-
(RN) 59481-23-1
(SY) N(1)-tyrosine somatostatin
(SY) N-1-Tyr-somatostatin
(SY) somatostatin, N-1-tyrosine-
(SY) N-1-tyrosine somatostatin
(HM) SOMATOSTATIN/*analogs

somatostatin, N-1-tyrosine- see somatostatin, N-1-Tyr-

somatostatin, 11-tyrosine- see somatostatin, 11-Tyr-

somatostatin(14), 7-tyrosyl-10-glycine- see somatostatin 14, 7-Tyr-10-Gly-

somatostatin(28), 7-tyrosyl-10-glycine- see somatostatin-28, 7-Tyr-10-Gly-

somatostatin, 11-Tyr-
(RN) 59481-27-5
(SY) somatostatin, 11-tyrosine-
(SY) 11-Tyr-somatostatin
(SY) 11-tyrosine somatostatin
(HM) SOMATOSTATIN/*analogs

somatostatin (1-28) see somatostatin-28

somatostatin 20
(RN) 90986-55-3
(SY) somatostatin-20
(HM) SOMATOSTATIN/*analogs
(NO) from porcine duodenum; amino-terminally extended somatostatin

somatostatin-20 see somatostatin 20

somatostatin-22
(RN) 73726-55-3
(SY) CPS-22
(HM) *SOMATOSTATIN
(HM) *PEPTIDE FRAGMENTS

somatostatin(25) see somatostatin-25

somatostatin-25
(RN) 75037-26-2
(SY) somatostatin-4-28
(SY) somatostatin(25)
(HM) *SOMATOSTATIN
(II) PROTEIN PRECURSORS
(NO) extracted from ovine hypothalamus; more potent inhibitor of in vitro growth hormone secretion than somatostatin-14

somatostatin 25-(1-9)
(SY) SS25(1-9)
(HM) *SOMATOSTATIN
(HM) *PEPTIDE FRAGMENTS

somatostatin-28
(RN) 75037-27-3
(SY) somatostatin(28)
(SY) somatostatin (1-28)
(HM) *SOMATOSTATIN
(II) PROTEIN PRECURSORS
(NO) extracted from ovine hypothalamus; more potent than somatostatin-14 in inhibiting the basal in vitro secretion of growth hormone; also found in intestine; found to contain somatostain in its C-terminal position; same potency as somatostatin in inhibiting release of gastrin, insulin & glucagon

somatostatin(28) see somatostatin-28

somatostatin 28(1-12) see somatostatin 28-(1-12)

somatostatin 28-(1-12)
(RN) 81286-16-0
(SY) SS28(1-12)
(SY) somatostatin 28(1-12)
(HM) *SOMATOSTATIN
(HM) *PEPTIDE FRAGMENTS

somatostatin(3-6)
(SY) Cys-Lys-Asn-Phe
(SY) cysteinyl-lysyl-asparaginyl-phenylalanine
(HM) *SOMATOSTATIN
(HM) *PEPTIDE FRAGMENTS

somatostatin-4-28 see somatostatin-25

somatostatin(7-10)
(SY) Phe-Trp-Lys-Thr
(SY) phenylalanyl-tryptophyl-lysyl-threonine
(HM) *SOMATOSTATIN
(HM) *PEPTIDE FRAGMENTS

somatotropin, alpha-acetyl (7-13)- see N-alpha-acetylsomatotropin (7-13)

somatotropin fragment 77-107
(SY) somatotropin seival, fragment 77-107
(HM) *SOMATOTROPIN
(HM) *PEPTIDE FRAGMENTS

somatotropin (73-128) glycinamide
(RN) 79804-88-9
(SY) somatotropin 73-128-GlyNH2
(HM) *SOMATOTROPIN
(HM) *PEPTIDE FRAGMENTS

somatotropin 73-128-GlyNH2 see somatotropin (73-128) glycinamide

somatotropin, iodinated
(SY) iodosomatotropin
(SY) iodinated growth hormone
(SY) growth hormone, iodinated
(HM) SOMATOTROPIN/*analogs
(II) IODINE RADIOISOTOPES
(NO) contains 1g-atom of iodine/mole of hormone; used in tracer studies; related to the action & metabolism of the hormone

somatotropin, methionyl
(RN) 82030-87-3
(SY) methionyl human growth hormone
(SY) Met-somatotropin
(SY) methionyl-somatotropin
(HM) SOMATOTROPIN/*analogs
(II) HORMONES, SYNTHETIC
(NO) produced by recombinant DNA technology

somatotropin receptor
(SY) receptor, somatotropin
(SY) growth hormone receptor
(SY) GH receptor
(SY) somatotropin receptors
(SY) GRF receptor
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) SOMATOTROPIN

somatotropin receptors see somatotropin receptor

somatotropin release inhibiting hormone receptor see somatostatin receptor

somatotropin releasing factor 40
(SY) hpGRF 40
(SY) growth hormone releasing factor 40
(SY) hpGRF-40
(SY) hpGRF(1-40)
(SY) hpGRF(1-40)-OH
(SY) human pancreatic tumor growth hormone releasing factor
(SY) somatocrinin (1-40)
(HM) *SOMATOTROPIN RELEASING HORMONE
(HM) *PEPTIDE FRAGMENTS
(NO) 40 residue linear peptide from pancreatic tumor of patient with acromegaly; selectively stimulated growth hormone secretion in healthy men

somatotropin releasing factor 44 see somatocrinin

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somatotropin releasing hormone (1-29), 2-alanine- see somatotropin releasing hormone (1-29), 2-Ala-

somatotropin releasing hormone (1-29), 2-Ala-
(SY) somatotropin releasing hormone (1-29), 2- alanine-
(SY) GRF(1-29)-Ala(2)
(SY) SRH(1-29)-Ala(2)
(SY) 2-Ala-somatotropin releasing hormone (1-29)
(SY) 2-alanyl-somatotropin releasing hormone (1-29)
(HM) SOMATOTROPIN RELEASING HORMONE/*analogs
(NO) potent GRF agonist

somatotropin releasing hormone, N(alpha) biotinyl(1-44)amide
(SY) N(alpha)-biotinyl-GRF(1-44)NH2
(SY) NAB-GRF-44-NH2
(HM) SOMATOTROPIN RELEASING HORMONE/*analogs
(HM) *PEPTIDE FRAGMENTS

somatotropin releasing hormone(1-29) amide, N-Ac-Tyr(1)-Phe(2)-
(SY) N-Ac-Tyr(1)-Phe(2)-somatotropin releasing hormone(1-29)-NH2
(SY) hpGRF(1-29)-NH2, N-Ac-Tyr(1)-Phe(2)-
(SY) 1-N-acetyltyrosyl-2-phenylalanyl-somatotropin releasing hormone(1-29)amide
(SY) NATPS-RH-29
(HM) SOMATOTROPIN RELEASING HORMONE/*analogs
(PA) VASOACTIVE INTESTINAL PEPTIDE/antag

somatotropin releasing hormone(1-29) amide, Ala(2)-
(SY) Ala(2)-somatotropin releasing hormone(1-29)-NH2
(SY) hpGRF(1-29)-NH2, Ala(2)-
(SY) 2-alanyl-hpGRF(1-29)-NH2
(SY) 2-alanyl-somatotropin releasing hormone(1-29)-NH2
(HM) SOMATOTROPIN RELEASING HORMONE/*analogs

somatotropin releasing hormone(1-32) amide, His(1)-I-Tyr(10)-Nle(27)-
(SY) hGRF(1-32)-NH2, His(1)-I-Tyr(10)-Nle(27)-
(SY) hpGRF(1-32)amide, 1-histidyl-10-monoiodotyrosyl- 27-norleucine-
(SY) 1-histidyl-10-iodotyrosyl-27-norleucine-hpGRF
(SY) HITN-GRF
(HM) SOMATOTROPIN RELEASING HORMONE/*analogs

somatotropin releasing hormone(1-24)amide
(SY) hpGRF(1-24)amide
(SY) hpGRF(1-24)NH2
(SY) human pancreatic growth hormone releasing factor(1-24)amide
(HM) *SOMATOTROPIN RELEASING HORMONE
(HM) *PEPTIDE FRAGMENTS

somatotropin releasing hormone(1-29)amide
(SY) hpGRF(1-29)amide
(SY) human pancreatic growth hormone releasing factor (1-29)amide
(SY) hGH-RF(1-29)
(SY) GHRH(1-29)NH2
(HM) *SOMATOTROPIN RELEASING HORMONE
(HM) *PEPTIDE FRAGMENTS

somatotropin releasing hormone(1-37)amide
(SY) hp GRF(1-37)NH2
(SY) hpGRF(1-37)NH2
(SY) human pancreatic growth hormone releasing factor(1-37)amide
(HM) *SOMATOTROPIN RELEASING HORMONE
(HM) *PEPTIDE FRAGMENTS
(II) HORMONES, SYNTHETIC

somatotropin releasing hormone(1-44)amide
(SY) hp GRF(1-44)NH2
(SY) human pancreatic growth hormone releasing factor(1-44)amide
(SY) hpGRF(1-44)NH2
(SY) HGRF-44NH2
(HM) *SOMATOTROPIN RELEASING HORMONE
(HM) *PEPTIDE FRAGMENTS
(II) PANCREATIC HORMONES
(NO) isolated from human pancreatic endocrine tumors & small cell lung carcinoma

somatotropin releasing hormone(1-40)-OH, Ala(34)-Ser(38)-Arg(40)-
(RN) 87396-41-6
(SY) Ala(34)-Ser(38)-Arg(40)-somatotropin releasing hormone (1-40)-OH
(SY) hpGRF(1-40)-OH, Ala(34)-Ser(38)-Arg(40)-
(SY) 34-alanyl-38-seryl-40-arginine-hpGRF(1-40)-OH
(SY) 34-alanyl-38-seryl-40-arginine-somatotropin releasing hormone(1-40)-OH
(SY) ASA-hpGRF(40)
(HM) SOMATOTROPIN RELEASING HORMONE/*analogs
(HM) *PEPTIDE FRAGMENTS

somatotropin releasing hormone(1-37)
(SY) hpGRF(1-37)OH
(SY) human pancreatic growth hormone releasing factor(1-37)
(SY) hpGRF 37
(HM) *SOMATOTROPIN RELEASING HORMONE
(HM) *PEPTIDE FRAGMENTS
(II) PANCREATIC HORMONES
(NO) isolated from human pancreatic endocrine tumors & small cell lung carcinoma

somatotropin releasing hormone (1-43)
(SY) somatropin releasing hormone (1-43)OH
(SY) hpGRF(1-43)OH
(SY) rhGRF(1-43)
(HM) *SOMATOTROPIN RELEASING HORMONE
(HM) *PEPTIDE FRAGMENTS

somatotropin seival, fragment 77-107 see somatotropin fragment 77-107

somatotropin (177-191)
(RN) 66004-58-8
(SY) hGH (177-191)
(SY) human growth hormone (177-191)
(HM) *SOMATOTROPIN
(HM) *PEPTIDE FRAGMENTS

somatotropin 20K
(SY) hGH 20K
(SY) human growth hormone 20K
(HM) *SOMATOTROPIN
(HM) *PEPTIDE FRAGMENTS
(NO) possesses growth-promoting activity; lacks residues 32-46

somatotropin (31-44)
(SY) hGH (31-44)
(HM) *SOMATOTROPIN
(HM) *PEPTIDE FRAGMENTS

somatotropin (4-15)
(RN) 84573-39-7
(SY) HGH (4-15)
(SY) human growth hormone (4-15)
(HM) *SOMATOTROPIN
(HM) *PEPTIDE FRAGMENTS

somatotropin (6-13)
(RN) 55207-83-5
(SY) HGH (6-13)
(SY) human growth hormone (6-13)
(HM) *SOMATOTROPIN
(HM) *PEPTIDE FRAGMENTS

somatotropin (75-120)
(SY) human growth hormone (75-120)
(HM) *SOMATOTROPIN
(HM) *PEPTIDE FRAGMENTS

som-sim see HI-6

Sonox P4
(SY) piezoceramic Pb(ZrTi)O3
(HM) *CERAMICS
(II) IMPLANTS, ARTIFICIAL

soot
(HM) *CARBON
(II) AIR POLLUTANTS, ENVIRONMENTAL
(II) INDUSTRIAL WASTE
(NO) impure black carbon compound containing oily compounds from incomplete combustion of resinous materials or wood; contains hydrocarbons

sophocarpidine see oxysophocarpine

sophocarpine
(RN) 6483-15-4
(RR) 78003-71-1 (HBr)
(SY) 13,14-didehydro-matridin-15-one
(SY) sophocarpine hydrobromide
(HM) *NAPHTHYRIDINES
(NO) RN given refers to parent cpd

sophocarpine hydrobromide see sophocarpine

Sophora japonica agglutinin
(SY) SJA lectin
(HM) *LECTINS

sophoridine
(RN) 6882-68-4
(HM) *ALKALOIDS
(NO) RN given refers to (5beta)-isomer; RN for cpd without isomeric designation not in Chemline 9/85

sophoridine see matrine

sophorose
(RN) 534-46-3
(RR) 52611-35-5 (cpd with unspecified isomeric designation)
(SY) 2-O-beta-D-glucopyranosyl-alpha-D-glucose
(HM) *GLUCANS
(NO) RN given refers to (beta-D)-isomer; structure

sopolcort H see cortisol succinate

sopolkort see cortisol succinate

sorbamin see sorbamine

sorbamine
(SY) alkamine
(SY) sorbamin
(HM) *AMINO ACIDS
(HM) *SORBITOL
(HM) DRUG COMBINATIONS
(II) ALKALOSIS/drug ther
(NO) infusion solution for treatment of metabolic alkalosis; contains arginine, lysine, histidine & sorbitol

sorbinicate see glucitol hexanicotinate

sorbinil
(RN) 68367-52-2
(RR) 69880-53-1 (former CAS registry number)
(SY) D-6-fluoro-spiro(chroman-4,4'-imidazolidine)-2',5'-dione
(SY) CP 45634
(SY) CP-45634
(HM) *IMIDAZOLES
(PA) ALDOSE REDUCTASE/antag
(NO) aldose reductase inhibitor

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sorbistins
(RN) 75635-19-7
(RR) 60534-69-2 (sorbistin A2)
(RR) 60502-99-0 (sorbistin B)
(RR) 61566-57-2 (sorbistin C)
(RR) 60502-98-9 (sorbistin D)
(SY) P-2563
(HM) AMINOGLYCOSIDES
(PA) ANTIBIOTICS
(NO) complex of closely related aminoglycoside antibiotics produced by Pseudomonas sorbicinii; RN given refers to cpd with unknown MF

sorbitan monolaurate
(RN) 1338-39-2
(SY) Span 20
(HM) *HEXOSES
(II) SURFACE-ACTIVE AGENTS
(NO) span type materials are artificial esters of the common fatty acids & hexitol anhydrides derived from sorbitol

sorbitan monooleate
(RN) 1338-43-8
(SY) Span 80
(SY) sorbitan oleate
(HM) *HEXOSES
(II) SURFACE-ACTIVE AGENTS

sorbitan oleate see sorbitan monooleate

1,6-sorbitol glucopyranoside see isomaltitol

sorbitol-6-phosphate dehydrogenase
(RN) EC 1.1.1.140
(RR) 37250-69-4 (CRN)
(SY) glucitol-6-phosphate dehydrogenase
(HM) *SUGAR ALCOHOL DEHYDROGENASES

sorbitol 6-phosphate
(RN) 20479-58-7
(HM) *HEXOSEPHOSPHATES

sorbothane
(HM) *POLYMERS
(NO) visco-elastic polymer material used as insoles for reduction of abnormal foot pressures

Sormodren see bornaprine

soularubinone
(RN) 74156-49-3
(HM) *GLAUCARUBIN/analogs
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(II) CELL TRANSFORMATION, VIRAL/drug eff
(NO) quassinoid which inhibits protein synthesis & DNA synthesis in cells; structure in first source

soybean agglutinin see soybean hemagglutinin

soybean hemagglutinin
(SY) soy bean lectin
(SY) soybean agglutinin
(HM) *LECTINS
(II) SOYBEANS

soybean lecithin fraction IV-S see asolectin

soy bean lectin see soybean hemagglutinin

soybean oil
(RN) 8001-22-7
(HM) *OILS
(II) SOYBEANS

soy bean proteins see soy proteins

soybean 7S storage protein see beta-conglycinin

soy protein isolate see soy proteins

soy proteins
(SY) tofu
(SY) soy bean proteins
(SY) soy protein isolate
(HM) *VEGETABLE PROTEINS
(II) SOYBEANS

soysterol
(SY) moristerol
(HM) *PHYTOSTEROLS
(PA) ANTILIPEMIC AGENTS
(NO) soybean oil sterol

spacer DNA
(HM) *DNA, RECOMBINANT

spad
(RN) 58319-09-8
(SY) Traitement Spad
(HM) *FORMALDEHYDE
(HM) *POLYMERS
(NO) contains paraformaldehyde; no other information available 2/8/83

Spadon
(RN) 23465-76-1
(RR) 55750-05-5 (mono-HCl)
(RR) 77515-03-8 (fumarate [1:1])
(RR) 58713-12-5 (unspecified fumarate)
(SY) P-201
(SY) P-201-1
(SY) spasmium
(SY) caroverine
(SY) caroverine fumarate
(HM) *QUINOXALINES
(NO) RN given refers to parent cpd; structure

spantide
(RN) 91224-37-2
(SY) substance P, Arg(1)-Trp(7,9)-Leu(11)-
(SY) Arg(1)-Trp(7,9)-Leu(11)-substance P
(SY) 1-arginyl-7,9-tryptophanyl-11-leucine substance P
(HM) SUBSTANCE P/*analogs
(PA) ANALGESICS
(NO) antagonizes both bombesin & substance P

Span 20 see sorbitan monolaurate

Span 80 see sorbitan monooleate

D-sparteine see pachycarpine

sparteine monooxygenase
(RN) EC 1.14.99.-
(HM) *HYDROXYLASES
(NO) a cytochrome P-450 dependent enzyme from human liver microsomes

spasmaverine see alverine citrate

spasmex "Pfleger" see trospium chloride

spasmium see Spadon

spasmo-eunalgit
(HM) *AMINOPYRINE
(HM) *ALLOBARBITAL
(HM) *PAPAVERINE
(HM) *PLANT EXTRACTS
(HM) DRUG COMBINATIONS
(PA) PARASYMPATHOLYTICS
(NO) combination of aminopyrine, allobarbital, radobelin and papaverine

spasmofen
(RN) 82824-08-6
(HM) *SCOPOLAMINE DERIVATIVES
(HM) *PAPAVERINE
(HM) *MORPHINE
(HM) *NOSCAPINE
(HM) *CODEINE
(HM) DRUG COMBINATIONS
(PA) ANALGESICS, ADDICTIVE
(NO) contains methylscopolamine, noscapine, papaverine, morphine, & codeine

spasmolysin see proxyphylline

spasmomen see octylonium

Spasmo-Urgenin see trospium chloride

SP(5-11)ATTN see substance P(5-11), Arg(5)-Trp(7,9)-Nle(11)-

SP(5-11)-ATT see substance P(5-11), Arg(5)-Trp(7,9)-

SPCTHP see substance P, de-Arg(1)-des-Pro(2)-des-Lys(3)-des-Pro (4)-

SPC-703 see SPC 703

SPC 703
(RN) 37598-94-0
(RR) 60032-33-9 (14C-labeled cpd)
(SY) N-(p-toluenesulfonyl)-5-methyl-delta(2)-pyrazoline-1-carbamide
(SY) SPC-703
(HM) *SULFONYLUREA COMPOUNDS
(PA) ANTIDIABETICS
(NO) RN given refers to parent cpd

SP-DAE see substance P, 2-aminoethyl-Met(11)-

Sp-dATP alpha S see 2'-deoxyadenosine 5'-O-(1-thiotriphosphate)

SPD enzyme see substance P degrading enzyme

SPDP see N-succinimidyl 3-(2-pyridyldithio)propionate

spectacillin see epicillin

Spectra-Bond see bis(phenol A-glycidyl methacrylate)

spectrin kinase
(RN) EC 2.7.1.-
(HM) *PROTEIN KINASES
(NO) calmodulin dependent

spectrin-like protein, subcellular organelle
(SY) chromaffin granule membrane spectrin-like protein
(SY) SLPSOM
(SY) non-erythroid spectrin-like protein
(SY) brain spectrin-like protein
(HM) *MEMBRANE PROTEINS
(II) INTRACELLULAR MEMBRANES
(II) CHROMAFFIN GRANULES
(II) NERVE TISSUE PROTEINS
(NO) composed of 2 subunits; MW 240,000 & 235,000 D; also in mitochondrial membrane

spectro-jel
(HM) *GLYCOLS
(HM) *SILOXANES
(HM) *METHYLCELLULOSE
(II) SURFACE-ACTIVE AGENTS
(II) DISINFECTANTS
(NO) surfactants form envelope around microorganisms on skin; encapsulated organisms then removed by rinsing

Speda see butylvinal

SP endonuclease see endodeoxyribonuclease SP

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spenolimycin
(RN) 95041-97-7
(HM) ACTINOSPECTACIN/*analogs
(NO) from Streptomyces gilvospiralis; structure given in second source

speract
(RN) 76901-59-2
(SY) Sperm respiration-stimulating factor H 1, 5-L-asparagine-9a-glycine-
(HM) *CLIGOPEPTIDES
(II) SEA URCHINS
(NO) decapeptide associated with sea urchin eggs; activates spermatozoa

speract receptor see bindin receptor

speract receptors see bindin receptor

spergualin
(RN) 80902-43-8
(SY) 1-amino-19-guanidino-11,15-dihydroxy-4,9,12-triazanonadecane-10,13-dione
(HM) GUANIDINES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) from bacillus isolated from soil sample collected at Ohira-san

spergualin-15-phosphate
(RN) 84937-49-5
(HM) GUANIDINES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) synthesized by chemical modification of spergualin; structure given in first source

spermaceti
(RN) 8002-23-1
(SY) spermaceti oil
(HM) *FATTY ACIDS
(HM) *FATTY ALCOHOLS
(II) CETACEA

spermaceti oil see spermaceti

sperm basic nuclear proteins
(SY) SBNP
(HM) *NUCLEOPROTEINS

sperm-binding protein
(HM) *CARRIER PROTEINS
(II) SPERMATOZOA
(NO) present on surface of human spermatozoa; MW 140,000

sperm forward motility protein
(SY) SPFMP
(HM) *PROTEINS
(II) SPERM MOTILITY

spermic acid 1 see N(3)-2-carboxyethylspermidine

spermidine acetylase
(RN) EC 2.3.1.-
(HM) *ACETYLTRANSFERASES
(NO) froms monoacetylspermidine from acetyl-CoA & spermidine

spermidine acetyltransferase
(RN) EC 2.3.1.-
(SY) spermidine-spermine N(1)-acetyltransferase
(SY) diamine acetyltransferase
(HM) *ACETYLTRANSFERASES
(NO) involved in conversion of spermidine into putrescine

spermidine dehydrogenase
(RN) EC 1.5.99.6
(HM) *AMINE OXIDOREDUCTASES

spermidine oxidase see polyamine oxidase

spermidine-spermine N(1)-acetyltransferase see spermidine acetyltransferase

spermine-binding factor see spermine-binding protein

spermine-binding protein
(SY) spermine-binding factor
(HM) *CARRIER PROTEINS
(NO) from cytosol fraction of chick duodenal mucosa; not the same as the well-known duodenal calcium-binding protein; from human peripheral lymphocyte

spermine oxidase see polyamine oxidase

spermosin
(RN) EC 3.4.21.-
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) acrosin-like enzyme from sperm of ascidian (Prochordata) Halocynthia roretzi

Sperm respiration-stimulating factor H 1, 5-L-asparagine-9a-glycine- see speract

SPFMP see sperm forward motility protein

Spherex
(RN) 82643-48-9
(HM) *STARCH
(II) MICROSPHERES
(NO) biodegradable starch microsphere

spherons
(HM) *POLYMETHACRYLIC ACIDS
(II) GELS
(NO) synthetic glycol methacrylate gel for use in chromatography; synthesized with various functional groups as ion exchangers; see also record for spheron 300

spheron 300 see Bionite

spherulin
(HM) *COCCIDIOIDIN
(NO) lysate from spherule phase (spherulins) of Coccidioides immitis

SphI endonuclease see endodeoxyribonuclease SphI

sphinganine
(RN) 764-22-7
(RR) 15639-50-6 ((S-(R*,S*))-isomer)
(RR) 6036-86-8 ((R-(R*,R*))-isomer)
(RR) 6036-76-6 ((S-(R*,S*))-isomer)
(RR) 3102-56-5 (((R*,S*)-(+-))-isomer)
(SY) dihydrosphingosine
(SY) erythro-D-sphinganine
(HM) SPHINGOSINE/*analogs
(NO) RN given refers to the (R-(R*,S*))-isomer

erythro-D-sphinganine see sphinganine

sphinganine kinase
(RN) EC 2.7.1.-
(HM) *PHOSPHOTRANSFERASES, ATP
(NO) transfers the phosphate group from ATP to D(+)-erythro D(+)-threo, L(-)-erythro & L(-)-threo-sphinganine

sphinganine reductase see dihydrosphingosine reductase

sphingolipid activator protein-1 see ganglioside hydrolysis activator proteins

sphingomyelin HDL see high density lipoprotein sphingomyelin

sphingomyelin synthetase see ceramide cholinephosphotransferase

sphingomyelin transfer protein
(SY) SP-transfer protein
(HM) *CARRIER PROTEINS
(II) SPHINGOMYELINS
(NO) found in cytosol of tumor tissue & fetal rat liver, but not in normal tissue

sphingosine acyltransferase
(RN) EC 2.3.1.24
(HM) *ACYLTRANSFERASES

sphingosyl beta-glucoside
(RN) 52050-17-6
(SY) glucosyl psychosine
(SY) glucosyl sphingosine
(HM) PSYCHOSINE/*analogs
(NO) isolated from spleen in Gaucher's disease

sphondin
(RN) 483-66-9
(HM) METHOXSALEN/*analogs
(NO) from Heracleum laciniatum; cause of phototoxicity in patient with vitiligo

SP-I see mitopodozide

sp-Ia see secretory salivary proteins, insect

sp-Ia secretory protein, insect see secretory salivary proteins, insect

sp-Ib see secretory salivary proteins, insect

SP(6-11)-IBH see substance P (6-11), N(alpha)-(3-iododesaminotyrosyl)-

sp-Ib secretory protein, insect see secretory salivary proteins, insect

spicamycin see septacidin

sp-Id see secretory salivary proteins, insect

spike glycoprotein
(SY) spike-GP
(SY) glycoprotein, spike
(HM) *VIRAL ENVELOPE PROTEINS
(NO) Semliki Forest Virus spike protein composed of 3 non-covalently linked glycoproteins E1, E2, E3

spike-GP see spike glycoprotein

S4B-PIL see sepharose-4B-polyisoluminol

spinal cord protein
(HM) *NERVE TISSUE PROTEINS

spiperone binding protein see spiroperidol receptor

spiperone receptor see spiroperidol receptor

spiralin
(HM) *BACTERIAL OUTER MEMBRANE PROTEINS
(NO) amphilhilic protein from Spiroplasma citri cell membrane

spiramide
(RN) 510-74-7
(RR) 53658-90-5 (unspecified HCl salt)
(RR) 3824-91-7 (mono-HCl salt)
(HM) *SPIRO COMPOUNDS
(PA) TRANQUILIZING AGENTS
(NO) RN given refers to parent cpd; structure

spiramycin B see acetylspiramycin

spiramycin II see acetylspiramycin

spiranyl see ibuterol

spiridazide see aldactazide

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spirilene
(RN) 357-66-4
(HM) *SPIRO COMPOUNDS
(NO) structure given in first source

spiro(adamantane-2,2'-diazirine) see adamantane diazirine

spiro-arogenate see delta-(spiro-4-hydroxy-2,5-cyclohexadienyl) pyroglutamate

Spiro(2H-benz(f)indene-2,8'-(8H)cyclopent(g) isoquinoline)-1,1',3,5,8,(2'H)-penton-, 6',7'-dihydro-4,9,9'-trihydroxy-6-methoxy-3'-(1,3-pentadienyl)-, (E, E)- see fredericamycin A

spiro-17 beta-oxiranyl-delta(4)-androsten-3-one see spiro-17-oxiranyl-delta(4)-androsten-3-one

spiro-17 beta-oxiranylestra-1,3,5(10),6,8-pentaene-3-ol
(RN) 75347-04-5
(SY) SOEP
(HM) *ESTRENES
(PA) STEROID ISOMERASES/antag
(NO) active site-directed irreversible inhibitor of bacterial delta(5)-3-ketosteroid isomerase; structure given in first source

spirobramin
(RN) 86510-96-5
(SY) spirobramine
(HM) *ANTINEOPLASTIC AGENTS
(NO) no other info available 7/8/83

spirobramine see spirobramin

spirodecanone
(RN) 1021-25-6
(HM) *SPIRO COMPOUNDS

spirodecanone receptor
(SY) spirodecanone receptors
(SY) receptor, spirodecanone
(HM) *RECEPTORS, DOPAMINE

spirodecanone receptors see spirodecanone receptor

spirogermanium
(RN) 41992-23-8
(RR) 41992-22-7 (di-HCl)
(HM) *GERMANIUM
(HM) *SPIRO COMPOUNDS
(PA) ANTINEOPLASTIC AGENTS
(PA) ANTIMALARIALS
(NO) RN given refers to parent cpd

2-spirohydantoin-6,7-dimethoxytetrahydronaphthalene
(SY) SHDMTN
(HM) *HYDANTOINS
(PA) ANTICONVULSANTS
(NO) structure given in first source

spirohydantoin mustard
(RN) 56605-16-4
(SY) NSC 172112
(HM) *NITROGEN MUSTARD COMPOUNDS
(HM) *HYDANTOINS
(NO) structure

spiro-(N'-methylpiperidyl-4')-N-ethylsuccinimide fumarate see RS-86

spironolactone receptor
(SY) spironolactone receptors
(SY) receptor, spironolactone
(HM) *RECEPTORS, GLUCOCORTICOID
(II) SPIRONOLACTONE

spironolactone receptors see spironolactone receptor

spiro-17-oxiranyl-delta(4)-androsten-3-one
(RN) 35900-10-8
(SY) SOAO
(SY) spiro-17 beta-oxiranyl-delta(4)-androsten-3-one
(HM) *ANDROSTENES
(PA) STEROID ISOMERASES/antag
(NO) active site-directed irreversible inhibitor of bacterial delta(5)-3-ketosteroid isomerase; RN given refers to (17 alpha)-isomer; RN for cpd without isomeric designation not in Chemline 7/29/83; structure given in first source

3-spirooxiranyl-5-pregnan-20-ol
(SY) 3 beta-spiro-oxiranyl-5 alpha-pregnan-20 beta-ol
(SY) 3-SPOPO
(HM) *PREGNANES
(NO) structure given in first source

spiroperidol receptor
(SY) spiperone receptor
(SY) receptor, spiroperidol
(SY) spiroperidol receptors
(SY) spiperone binding protein
(HM) *RECEPTORS, DOPAMINE
(II) SPIPERONE

spiroperidol receptors see spiroperidol receptor

spiro-piperidyl-rifamycins
(SY) 3-amino-4-deoxo-4-imino-3,4-imidazolinyl-(1H)-(2-spiro(4-piperidyl))rifamycin S
(SY) LM 427
(HM) *RIFAMYCINS
(NO) 3-amino-4-deoxo-4-imino-3,4-imidazolinyl-(1H)-(2-spiro(4-piperidyl))rifamycin S with positions 3 & 4 incorporated into an imidazoline ring bearing a spiro-piperidyl group N-substituted with aliphatic chains

spiroplatin
(RN) 74790-08-2
(SY) NO-6
(SY) TNO 6
(SY) aqua(1,1-bis(aminomethyl)cyclohexane) sulfatoplatinum (II)
(HM) *ORGANOPLATINUM COMPOUNDS
(PA) ANTINEOPLASTIC AGENTS
(NO) structure given in first source

spiroprop
(HM) *SPIRONOLACTONE
(HM) *PROPRANOLOL
(HM) DRUG COMBINATIONS
(PA) ANTIHYPERTENSIVE AGENTS
(NO) combination of above cpds; used to treat hypertension

spirorenone
(RN) 74220-07-8
(SY) 6 beta, 7 beta, 15 beta, 16 beta-dimethylene-1, 4-androstadiene-(17(beta-1')-spiro-5')-perhydrofuran-2',3-dione
(HM) *ANDROSTADIENES
(PA) ALDOSTERONE ANTAGONISTS
(NO) structure given in first source

spirulina
(HM) *PROTEINS
(PA) APPETITE DEPRESSANTS
(II) ALGAE, BLUE-GREEN
(NO) obtained from blue-green algae; used as a health food to promote losing weight and gaining energy

spizofurone
(SY) AG-629
(SY) 5-acetylspiro(benzofuran-2(3H)-1'-cyclopropan)-3-one
(HM) *BENZOFURANS
(PA) ANTI-ULCER AGENTS

SPI-77 see mitopodozide

SPK 380 see eIF-2 kinase

spleen derived immunosuppressive peptide see immunosuppressive peptide

spleen-derived immunosuppressive peptide see immunosuppressive peptide

spleen fibrinolytic proteinase (human)
(RN) EC 3.4.99.-
(SY) human SFP
(SY) SFP
(HM) *PEPTIDE PEPTIDOHYDROLASES
(PA) FIBRINOLYTIC AGENTS

splenic hematopoiesis stimulating factor see hematopoietic cell growth factor

splenin see thymopoietin III

splenin pentapeptide (32-36) see splenopentin

splenopentin
(RN) 75957-60-7
(SY) splenin pentapeptide (32-36)
(SY) thymopoietin III pentapeptide (32-36)
(SY) Arg-Lys-Glu-Val-Tyr
(HM) *THYMOPOIETINS
(HM) *PEPTIDE FRAGMENTS

SP methyltransferase AD see site-specific methyltransferase (adenine specific)

3-SPOPO see 3-spirooxiranyl-5-pregnan-20-ol

spo0A protein see gene proteins, bacterial

sporamycin
(RN) 61642-43-1
(SY) PO-357
(HM) PEPTIDES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) isolated from culture filtrate of Streptopsorangium strain PO-357

sporangiomycin
(RN) 37244-77-2
(HM) PEPTIDES
(PA) ANTIBIOTICS
(NO) sulfur containing peptide from Planomonospora parontospors; related to thiostrepton group of antibiotics

sporaricin A see sporaricins

sporaricin B see sporaricins

sporaricin E see sporaricins

sporaricins
(RN) 79215-56-8
(SY) KA 6606
(SY) sporaricin A
(SY) sporaricin B
(SY) sporaricin E
(HM) AMINOGLYCOSIDES
(PA) ANTIBIOTICS
(NO) sporaricins A & B produced by Saccharopolyspora hirsuta; structure

spore-specific protein A, Bacillus megaterium see Bacillus spore-specific proteins

spore-specific protein C, Bacillus megaterium see Bacillus spore-specific proteins

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sporidesmin
(RN) 1456-55-9
(RR) 3351-96-0 (sporidesmin B)
(RR) 7729-92-2 (isosporidesmin B)
(RR) 7051-84-5 (sporidesmin C)
(RR) 18180-71-7 (sporidesmin D)
(RR) 22327-77-1 (sporidesmin E)
(RR) 23044-40-8 (sporidesmin F)
(RR) 32608-68-7 (sporidesmin G)
(RR) 65492-17-3 (sporidesmin H)
(RR) 54081-44-6 ((+-)-isomer)
(SY) sporidesmin A
(SY) sporidesmin B
(HM) *SPORIDESMINS
(NO) RN given refers to sporidesmin; structure

sporidesmin A see sporidesmin

sporidesmin B see sporidesmin

sporopollenin
(RN) 12712-72-0
(HM) *CAROTENOIDS
(HM) *POLYMERS
(NO) cross-linked polymeric material that is characteristic component of exine pollen grains; also found in ascospore wall of Neurospora crassa

Sportgel
(HM) *HEPARIN
(HM) *SALICYLATES
(HM) *MENTHOL
(HM) DRUG COMBINATIONS
(II) GELS
(NO) gel combination of heparin, 2-hydroxyethylsalicylate & menthol; used in ambulatory treatment of athletic injuries

spot 35 protein
(SY) S-35 protein
(SY) S 35 protein
(HM) *NERVE TISSUE PROTEINS
(II) CEREBELLUM
(NO) from rat cerebellum; modulates Purkinje cell activity

SPPS see stable plasma protein solution

spreading factor see hyaluronate lyase

SP receptor see substance P receptor

SP1 receptor see trophoblastic beta 1-glycoprotein receptor

S-protein (control)
(HM) *GLYCOPROTEINS
(NO) acidic control glycoprotein of membrane attack complex of human complement

S-protein (RNASE) see ribonuclease S-peptide

SPS-B see sleep-promoting factor B

SP-transfer protein see sphingomyelin transfer protein

SP-1 see mitopodozide

SP(1-4) see substance P(1-4)

SP(1-7) see substance P(1-7)

SP-294 see SP 294

SP 294
(SY) 6-ethoxycarbonyl-5,7-dimethyl-1-(3-(4-phenethyl-1-piperazinyl)propyl)-3-(alpha,alpha,alpha-trifluoro-2-tolyl)-2,4(1H,3H)-quinazolinedione dihydrochloride
(SY) SP-294
(HM) *QUINAZOLINES
(PA) ADENOSINE TRIPHOSPHATASE, CALCIUM/antag

SP(3-11) see substance P(3-11)

SP(4-11) see substance P, des-Arg(1)-des-Pro(2)-des-Lys(3)-

SP(6-11) see substance P, des-Arg(1)-des-Pro(2)-des-Lys(3)-des-Pro (4)-des-Gln(5)-

SQ endonuclease see endodeoxyribonuclease SQ

squalane
(RN) 111-01-3
(SY) perhydrosqualene
(HM) SQUALENE/*analogs

squalene and sterol carrier protein see sterol carrier protein(1)

squalene cyclase
(RN) EC 4.-
(HM) *LYASES
(NO) nonoxidative conversion of squalene to tetrahymenol; does not go via 2,3-oxidosqualene

squalene epoxidase see squalene monooxygenase (2,3-epoxidizing)

squalene epoxidase-cyclase
(HM) *OXYGENASES
(HM) *ISOMERASES
(NO) consists of squalene epoxidase (EC 1.14.99.7) plus 2,3-oxidosqualene lanosterol-cyclase (EC 5.4.99.7)

squalene-2,3-epoxide see 2,3-oxidosqualene

squalene monooxygenase (2,3-epoxidizing)
(RN) EC 1.14.99.7
(RR) 9029-62-3 (CRN)
(SY) squalene epoxidase
(HM) *OXYGENASES

squalene-2,3-oxide see 2,3-oxidosqualene

squalene peroxide see 2,3-oxidosqualene

squaric acid dibutyl ester
(RN) 2892-62-8
(HM) *CYCLOBUTANES
(II) ALLERGENS

Squaxon see Squoxin

Squoxin
(RN) 1096-84-0
(SY) 1,1'-methylenedi-2-naphthol
(SY) Squaxon
(HM) *NAPHTHOLS
(PA) PESTICIDES
(NO) piscicide

SQ-10631 see SQ 10,631

SQ-10,631 see SQ 10,631

SQ 10,631
(RN) 20167-05-9
(RR) 1168-74-7 (mono-HCl)
(SY) SQ 10631
(SY) 2-chloro-2'-(3-(dimethylamino)propyl) thiocinnamanilide.HCl
(SY) chlorocinanserin
(SY) SQ-10,631
(SY) SQ-10631
(HM) *CINANSERIN/analogs
(PA) SEROTONIN ANTAG
(NO) RN given refers to parent cpd

SQ 10631 see SQ 10,631

SQ-10,996 see SQ 10,996

SQ-10996 see SQ 10,996

SQ 10,996
(RN) 16802-77-0
(SY) SQ 10996
(SY) 7-chloro-5,11-dihydrodibenz(1,4)oxazepine-5-carboxamide
(SY) SQ-10,996
(SY) SQ-10996
(HM) *DIBENZOXAZEPINES
(PA) ANTICONVULSANTS
(PA) ANTIDEPRESSIVE AGENTS, TRICYCLIC
(NO) structure

SQ 10996 see SQ 10,996

SQ-11,302 see epicillin

SQ 11,302 see epicillin

SQ 11725 see nadolol

SQ 12,525 see lonomycin

SQ 13,847 see pirquinozol

SQ 13847 see pirquinozol

SQ 14551 see SQ 14,551

SQ-14,551 see SQ 14,551

SQ 14,551
(RN) 64806-05-9
(SY) captopril disulfide
(SY) SQ 14551
(SY) SQ-14,551
(HM) CAPTOPRIL/*analogs

SQ 20,006 see SQ 20006

SQ-20006 see SQ 20006

SQ 20006
(RN) 39011-95-5
(SY) SQ-20,006
(SY) SQ 20,006
(SY) SQ-20006
(HM) *NICOTINIC ACIDS
(PA) PHOSPHODIESTERASE INHIBITORS
(NO) structure

SQ-20,006 see SQ 20006

SQ 20,627 see methylamphotericin B

SQ-20811 see SQ 20,811

SQ 20811 see SQ 20,811

SQ 20,811
(RN) 630-44-4
(SY) SQ-20,811
(SY) SQ-20811
(SY) SQ 20811
(HM) *PREGNENEDIONES
(II) GLUCOCORTICOIDS, TOPICAL
(NO) topical, anti-inflammatory glucocorticoid; structure

SQ-20,811 see SQ 20,811

SQ-22,536 see SQ 22536

SQ-22536 see SQ 22536

Sq 22,536 see SQ 22536

SQ 22536
(RN) 17318-31-9
(SY) 9-(tetrahydro-2-furyl)-adenine
(SY) SQ-22,536
(SY) Sq 22,536
(SY) SQ-22536
(HM) ADENINE/*analogs
(PA) ADENYL CYCLASE/antag

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SQ 23554
(RN) 63646-28-6
(SY) SQ-23554
(HM) *PROPANOLAMINES
(NO) nadolol analog used as internal std in chromatographic analysis; structure given in first source

SQ-23554 see SQ 23554

SQ-24775 see SQ 24775

SQ 24,775 see SQ 24775

SQ-24,775 see SQ 24775

SQ 24775
(RN) 82468-59-5
(SY) 7-oxabicyclo(2.2.1)heptane PGH2
(SY) SQ-24,775
(SY) SQ 24,775
(SY) SQ-24775
(HM) *PROSTAGLANDINS H
(II) PROSTAGLANDINS, SYNTHETIC

SQ-24798 see SQ 24,798

SQ 24798 see SQ 24,798

SQ 24,798
(SY) SQ-24,798
(SY) SQ 24798
(SY) SQ-24798
(HM) *3-MERCAPTOPROPIONIC ACID/analogs
(PA) CARBOXYPEPTIDASES/antag
(NO) structure

SQ-24,798 see SQ 24,798

SQ 26,180 see SQ 26180

SQ-26,180 see SQ 26180

SQ-26180 see SQ 26180

SQ 26180
(RN) 79720-08-4
(SY) 3 beta-acetamido-3 alpha-methoxymonobactamic acid
(SY) SQ 26,180
(SY) SQ-26,180
(SY) SQ-26180
(HM) AZTREONAM/*analogs
(NO) monobactam, monocyclic beta-lactam from Chromobacterium violaceum; structure given in first source

SQ-26,298 see SQ 26,298

SQ 26,298
(RN) 62516-07-8
(RR) 62753-56-4 (mono-HCl)
(SY) 3,3a,4,5,6,7-hexahydro-2-(3-(4-morpholinyl) propyl)-3-phenyl-7-(phenylmethylene)-2H-indazole
(SY) HMPPI
(SY) SQ-26,298
(HM) *INDAZOLES
(PA) ANTI-INFLAMMATORY AGENTS
(NO) RN given refers to parent cpd; structure given in first source

SQ 26517
(RN) 83112-05-4
(SY) SQ-26517
(HM) LACTONES
(PA) ANTIBIOTICS
(NO) produced by Bacillus sp.; RN given refers to (2R-cis)-isomer; RN for cpd without isomeric designation not in Chemline 7/29/83; RN from CA on-line; structure given in first source

SQ-26517 see SQ 26517

SQ-26,536 see SQ 26,536

SQ 26536 see SQ 26,536

SQ-26536 see SQ 26,536

SQ 26,536
(RN) 79703-24-5
(SY) SQ 26,538
(SY) 8(R)9(s)11(R)12(S)-9 alpha-homo-9,11-epoxy-5(Z), 13(E)-15S-hydroxyprostadienoic acid
(SY) SQ-26,536
(SY) SQ-26536
(SY) SQ 26536
(HM) *FATTY ACIDS, UNSATURATED
(II) PLATELET AGGREGATION/drug eff
(NO) SQ 26,538 is the 15-epimer of SQ 26,536; structure given in first source

SQ 26,538 see SQ 26,536

SQ 28,053 see SQ 29,548

SQ-28053 see SQ 29,548

SQ 28332
(RN) 88273-26-1
(SY) SQ-28,332
(HM) *MONOBACTAMS
(NO) from Flexibacter sp.; monobactam; structure given in first source

SQ-28,332 see SQ 28332

SQ 28370
(SY) SQ-28370
(HM) ACETYLMURAMYL-ALANYL-ISOGLUTAMINE/*analogs
(PA) KININASE II/antag
(NO) from Norcardia orientalis; structure given in first source

SQ-28370 see SQ 28370

SQ 28502
(RN) 88403-16-1
(SY) SQ-28,502
(HM) *MONOBACTAMS
(NO) from Flexibacter sp.; monobactam

SQ-28,502 see SQ 28502

SQ 28503
(RN) 88403-17-2
(SY) SQ-28,503
(HM) *MONOBACTAMS
(NO) from Flexibacter sp.; monobactam

SQ-28,503 see SQ 28503

SQ 28504
(SY) SQ-28504
(HM) GLYCOPEPTIDES
(PA) ANTIBIOTICS, LACTAM
(NO) sulfonated glycopeptide beta-lactam antibiotic from Chromobacterium violaceum

SQ-28504 see SQ 28504

SQ 28516
(SY) SQ-28516
(HM) *CEPHALOSPORINS
(NO) from Flavobacterium sp. SC 12,154; structure given in first source

SQ-28516 see SQ 28516

SQ 28517
(SY) SQ-28517
(HM) *CEPHALOSPORINS
(NO) from Flavobacterium sp. SC 12,154; structure given in first source

SQ-28517 see SQ 28517

SQ 28546
(SY) SQ-28546
(HM) GLYCOPEPTIDES
(PA) ANTIBIOTICS, LACTAM
(NO) sulfonated glycopeptide beta-lactam antibiotic from Chromobacterium violaceum

SQ-28546 see SQ 28546

SQ 29,548
(SY) SQ-29548
(SY) SQ 28,053
(SY) SQ-28053
(SY) 7-(3-((2-((phenylamino)carbonyl)hydrazino) methyl)-7-oxabicyclo(2.2.1)hept-2-yl)-5- heptenoic acid
(HM) *HYDRAZINES
(PA) THROMBOXANE A2/antag

SQ-29548 see SQ 29,548

SQ-4647 see 9-furfuryladenine

SQ 4647 see 9-furfuryladenine

SQ 65,396 see cartazolate

SQ 80002 see 8-(methylthio)cyclic 3',5'-adenosine monophosphate

SQ 80338 see SQ 80,338

SQ-80,338 see SQ 80,338

SQ-80338 see SQ 80,338

SQ 80,338
(RN) 56643-93-7
(SY) 1-(3-phenyl-2-propenyl)-1H-imidazole
(SY) SQ-80,338
(SY) SQ 80338
(SY) SQ-80338
(HM) *IMIDAZOLES
(II) PLATELET AGGREGATION/drug eff
(NO) potent thromboxane synthetase inhibitor

Src peptide
(SY) Leu-Ile-Glu-Asp-Asn-Glu-Tyr-Thr-Ala-Arg-Glu-Gly
(SY) leucyl-isoleucyl-glutamyl-aspartyl-asparaginyl-glutamyl-tyrosyl-threonyl-alanyl-arginyl-glutamyl-glycine
(HM) *OLIGOPEPTIDES
(PA) N-FORMYL-METHIONYL-LEUCYL-PHENYLALANINE/antag
(NO) inhibitor of FMLP-stimulated leukocyte chemotaxis

SRH(1-29)-Ala(2) see somatotropin releasing hormone (1-29), 2-Ala-

S18-ribosomal protein see ribosomal protein S18

S19 ribosomal protein see ribosomal protein S19

S2 ribosomal protein see ribosomal protein S2

S20 ribosomal protein see ribosomal protein S20

S21 ribosomal protein see ribosomal protein S21

S24 ribosomal protein see ribosomal protein S24

S4 ribosomal protein see ribosomal protein S4

S5 ribosomal protein see ribosomal protein S5

SRIF-A see somatostatin, D-Trp-D-Cys-

SRIH-cyclic-GAPTLTP see somatostatin, cyclo(GABA-5-Asn-6,7-Phe-8-Trp-9-Lys-10-Thr-11-Phe)-

SRIH-cyclo-dAGC-CMHT see somatostatin, cyclo(des-(1-Ala-2-Gly-14-Cys)-3-S-COMe-homo-Cys-amide-8-Trp-)

SRIH-like immunoreactivity see somatostatin-like peptides

SRIH receptor see somatostatin receptor

SRIH, I-Tyr(1) see somatostatin, 1-iodo-Tyr-

SRI-20 see compound 20

SRI 20 see compound 20

SR Kinase see cardiac sarcoplasmic reticulum kinase

SRS-A receptor
(SY) receptor, SRS-A
(SY) leukotriene D receptors
(SY) receptor, leukotriene E
(SY) leukotriene E receptor
(SY) receptor, leukotriene D
(SY) SRS-A receptors
(SY) leukotriene D4 receptor
(SY) leukotriene E4 receptor
(SY) leukotriene C4 receptor
(HM) *RECEPTORS, PROSTAGLANDIN
(II) SRS-A

SRS-A receptors see SRS-A receptor

SRTP see 6-thioinosine-5'-triphosphate

SR-2508 see SR 2508

SR 2508
(RN) 22668-01-5
(SY) N-(2-hydroxyethyl)-2-nitroimidazole-1-acetamide
(SY) SR-2508
(HM) *NITROIMIDAZOLES
(PA) RADIATION-SENSITIZING AGENTS
(NO) radiosensitizes hypoxic tumor cells in mice; other RN in Chemline for SR 2508 (MF unknown): 74083-16-2; other RN for SR 2508 (2-hydroxymethyl-cpd): 73863-85-1; structure in UD 32;118p

SR-2555
(RN) 74141-74-5
(SY) SR 2555
(HM) *NITROIMIDAZOLES
(PA) RADIATION SENSITIZING AGENTS

SR 2555 see SR-2555

SR 41319
(SY) SR-41319
(HM) *DIPHOSPHONATES
(PA) PHOSPHOLIPASES A/antag
(NO) inhibits passive cutaneous anaphylaxis & phospholipase A2 activity

SR-41319 see SR 41319

SR 58002
(RN) 63868-46-2
(SY) SR-58002
(SY) N-methyllevallorphan
(SY) N-methyllevallorphan iodide
(HM) LEVALLORPHAN/*analogs
(NO) RN given refers to iodide; RN for parent cpd not in Chemline 6/85

SR-58002 see SR 58002

SR 95103
(SY) SR-95103
(SY) 2-(carboxy-3'-propyl)-3-amino-4-methyl-6-phenylpyridazinium chloride
(HM) *PYRIDAZINES
(NO) selective & competitive antagonist at the GABA recepto site; structure given in first source

SR-95103 see SR 95103

SS-A antibodies
(SY) SS A antibodies
(HM) *ANTINUCLEAR FACTORS

SS A antibodies see SS-A antibodies

SS-B antibodies
(SY) SS B antibodies
(SY) anti-SS-B(La)
(HM) *ANTINUCLEAR FACTORS

SS B antibodies see SS-B antibodies

SS A antigen see SS-A antigen

SS-A antigen
(SY) Ro antigen
(SY) SS A antigen
(SY) Ro-SSA antigen
(HM) *AUTOANTIGENS
(NO) may be located in cell nucleus; antibodies to above antigen show high correlation with systemic lupus erythematosus

SS B antigen see SS-B antigen

SS-B antigen
(SY) Ha antigen
(SY) LA antigen
(SY) LA proteins
(SY) SS-B La
(SY) lupus antigen La
(SY) SS B antigen
(HM) *AUTOANTIGENS
(II) TRANSCRIPTION FACTORS
(NO) extractable nuclear antigen; cytoplasmic or nuclear ribonucleoproteins carrying LA determinant; may be general RNA polymerase transcription factor

SSDNA-dependent ATPase see single stranded DNA dependent ATPase

SSEA-1 see stage-specific embryonic antigen

SSEA-3 see stage-specific embryonic antigen

SSEA-4 see stage-specific embryonic antigen

SSHA
(SY) semi-synthetic heparin analog
(SY) SSHA-73025
(HM) *CHONDROITIN SULFATES
(PA) ANTICOAGULANTS
(NO) artificially sulfated member of chondroitin family

SSHA-73025 see SSHA

anti-SS-B(La) see SS-B antibodies

SS-B La see SS-B antigen

SSM
(HM) *BIOLOGICAL PRODUCTS
(PA) ANTINEOPLASTIC AGENTS
(NO) immunotherapeutic anticancer agent prepared from extract of Mycobacterium tuberculosis strain of Aoyama B

SsoI see endodeoxyribonuclease EcoRI

Sso II deoxyribonuclease
(RN) EC 3.1.21.-
(SY) deoxyribonuclease Sso II
(HM) *DNA RESTRICTION ENZYMES
(NO) from Shigella sonnei 47; type II site-specific deoxyribonuclease which hydrolyzes the sequence 5'...CCNGG...3' (EC 3.1.21.4)

SSPABM see Bacillus spore-specific proteins

SSPCBM see Bacillus spore-specific proteins

Ss protein
(HM) *BETA GLOBULINS
(II) H-2 ANTIGENS
(II) COMPLEMENT 4
(NO) from mouse serum; serves as marker for genes within the S region of the H-2 complex; also a protein found in complement 4

SSS-III see pneumococcal polysaccharide, type III

SstI endonuclease see endodeoxyribonuclease SacI

SSV-TrSgp see simian sarcoma virus transformation-specific glycopeptide

SS25(1-9) see somatostatin 25-(1-9)

SS28(1-12) see somatostatin 28-(1-12)

SS554 see SS 554

SS-554 see SS 554

SS 554
(SY) 6,6'-di-O-decanoyl-alpha, alpha-trehalose
(SY) SS-554
(SY) SS554
(HM) TREHALOSE/analogs
(PA) ANTINEOPLASTIC AGENTS
(II) CORD FACTORS
(NO) structure in first source

stable plasma protein solution
(SY) SPPS
(HM) *BLOOD PROTEINS
(II) PLASMA SUBSTITUTES

stachybotrotoxin
(RN) 12698-94-1
(HM) *MYCOTOXINS
(NO) toxin isolated from Stachybotrys

stachydrine
(RN) 471-87-4
(RR) 50298-93-6 ((+-)-isomer)
(RR) 32039-74-0 (chloride with unspecified isomeric designation)
(RR) 4136-37-2 (chloride (S)-isomer)
(SY) dimethylproline
(HM) PROLINE/*analogs
(NO) RN given refers to hydroxide inner salt (S)-isomer; cpd without isomeric designation not in Chemline 7/83; structure

stachyose
(RN) 470-55-3
(RR) 54261-98-2 (hydrate)
(RR) 10094-58-3 (tetrahydrate)
(HM) *OLIGOSACCHARIDES
(NO) RN given refers to parent cpd

stage-specific embryonic antigen
(SY) SSEA-1
(SY) SSEA-3
(SY) SSEA-4
(SY) Yolk sac antigen-2
(HM) *GLYCOLIPIDS
(II) ANTIGENS
(II) ANTIGENS, NEOPLASM
(II) ANTIGENS, SURFACE
(NO) complex glycolipid with the branched lacto-N-glycosyl series

stahlianthusone
(SY) 1,6-dimethyl-4-isopropyl-5,8-naphthoquinone
(HM) *NAPHTHOQUINONES
(II) PLANTS, MEDICINAL
(NO) isolated from stahlianthus involucratus; structure given in first source

stains-all
(RN) 7423-31-6
(RR) 60485-76-9 (4-methylbenzenesulfonate salt[1:1])
(SY) 4,5,4',5'-dibenzo-3,3'-diethyl-9-methyl-thiacarbocyanine bromide
(HM) *CARBOCYANINES
(II) STAINS AND STAINING
(NO) cationic dye; RN given refers to bromide salt

Stakane see antrafenine

Sta-Lock see glycidyl methacrylate

Stanford cardioplegic solution
(HM) *SODIUM CHLORIDE
(HM) *POTASSIUM CHLORIDE
(HM) *BICARBONATES
(HM) *MANNITOL
(HM) *DEXTROSE
(II) HEART ARREST, INDUCED
(NO) contains above cpds; hyperkalemic, high osmolality & high pH crystalloid solution

stannic chloride
(RN) 7646-78-8
(SY) SnCl4
(HM) *TIN

stannic oxide
(RN) 18282-10-5
(SY) tin oxide
(HM) *TIN

stannite
(RN) 12019-29-3
(SY) sodium stannite
(HM) *TIN
(II) ISOTOPE LABELING

stannous chloride
(RN) 7772-99-8
(RR) 61732-99-8 (113Sn-labeled cpd)
(RR) 10025-69-1 (dihydrate)
(RR) 58734-92-2 (35Cl-labeled cpd)
(RR) 62171-37-3 (dichlorostannate(-1))
(RR) 29448-68-8 (2H-labeled cpd dihydrate)
(SY) SnCl(2)
(SY) tin chloride
(HM) *TIN
(NO) RN given refers to parent cpd

stanolone benzoate
(RN) 1057-07-4
(SY) dihydrotestosterone benzoate
(HM) STANOLONE/*analogs
(NO) RN given refers to (5alpha,17beta)-isomer; RN for cpd without isomeric designation not in Chemline 1/25/84

stanolone-binding protein see dihydrotestosterone binding protein

stanolone binding protein see dihydrotestosterone binding protein

stanolone glucuronate see dihydrotestosterone glucuronide

stanolone receptor
(SY) receptors, stanolone
(SY) receptors, dihydrotestosterone
(SY) dihydrotestosterone receptors
(SY) stanolone receptors
(SY) 5 alpha-dihydrotestosterone receptor
(HM) *RECEPTORS, ANDROGEN
(II) STANOLONE

stanolone receptors see stanolone receptor

staphage lysate
(HM) *BACTERIOCINS
(II) STAPHYLOCOCCUS AUREUS
(NO) lysate of broth culture of two strains of coagulase positive Staphylococcus aureus with polyvalent Gratia bacteriophage; used in treatment of Hidradenitis Suppurativa

staph alpha-lysin see staphylococcal alpha-toxin

Staph antiphagin see antifagin

Staph aureus HPr protein see phosphocarrier protein HPr

Staph aureus protease see Staphylococcus aureus neutral proteinase

Staph aureus SV8 protease see staphylococcal serine protease

Staph beta-hemolysin see beta-hemolysin, Staphylococcus aureus

Staph DA see Staphylococcal decomplementation antigen

Staph delta-hemolysin see delta hemolysin, Staphylococcus aureus

staph delta toxin see staphylococcal delta toxin

staph enterotoxin A see enterotoxin A, Staphylococcal

staph enterotoxin B see enterotoxin B, staphylococcal

Staph enterotoxin C see enterotoxin C, Staphylococcal

Staph enterotoxin C1 see enterotoxin C, Staphylococcal

Staph enterotoxin D see enterotoxin D, Staphylococcal

Staph enterotoxin F see enterotoxin F, Staphylococcal

staph enterotoxin receptor see enterotoxin receptor

staph enterotoxin receptors see enterotoxin receptor

Staph gamma lysin see staphylococcal gamma-toxin

Staph gamma toxin see staphylococcal gamma-toxin

Staph glutamic protease see Staphylococcus aureus glutamic protease

Staph protein A-sepharose see Staphylococcal protein A-sepharose

Staphylococcal alpha haemolysin see alpha-hemolysin, Staph aureus

staphylococcal alpha-toxin
(SY) staph alpha-lysin
(HM) *BACTERIAL TOXINS
(II) NEUROTOXINS
(II) STAPHYLOCOCCUS

staphylococcal beta-toxin
(SY) beta-toxin (staph)
(HM) *BACTERIAL TOXINS

Staphylococcal clumping factor
(SY) clumping factor (Staphylococcal)
(HM) *BACTERIAL PROTEINS
(II) STAPHYLOCOCCUS AUREUS

Staphylococcal decomplementation antigen
(SY) decomplementation antigen, Staph
(SY) Staph DA
(HM) *ANTIGENS, BACTERIAL
(PA) COMPLEMENT INACTIVATORS
(II) STAPHYLOCOCCUS
(NO) extracellular nondialyzable macromolecule; possible determinant of Staph pathogenicity

staphylococcal delta-haemolysin see delta hemolysin, Staphylococcus aureus

staphylococcal delta-toxin see staphylococcal delta toxin

staphylococcal delta toxin
(SY) staph delta toxin
(SY) delta toxin (staph)
(SY) delta-toxin (staph)
(SY) staphylococcal delta-toxin
(HM) *BACTERIAL TOXINS
(NO) rapidly disrupts cell membranes; has lymphocyte-activating effect

Staphylococcal enterotoxin A see enterotoxin A, Staphylococcal

staphylococcal enterotoxin B see enterotoxin B, staphylococcal

Staphylococcal enterotoxin C see enterotoxin C, Staphylococcal

Staphylococcal enterotoxin D see enterotoxin D, Staphylococcal

Staphylococcal enterotoxin F see enterotoxin F, Staphylococcal

staphylococcal gamma-toxin
(SY) gamma toxin (Staph)
(SY) Staph gamma toxin
(SY) Staph gamma lysin
(SY) gamma hemolysin, Staphylococcus
(HM) *BACTERIAL TOXINS
(PA) HEMOLYSINS
(NO) produced by Staphylococcus aureus

staphylococcal Glu-specific protease see Staphylococcus aureus glutamic protease

staphylococcal protease see Staphylococcus aureus neutral proteinase

Staphylococcal protein A-sepharose
(SY) Staph protein A-sepharose
(SY) protein A-sepharose
(HM) SEPHAROSE/*analogs
(NO) protein A, which binds to Fc portion of human IgG 1,2 & 4, but not 3, is covalently coupled to cross-linked sepharose for affinity absorption of antibodies

Staphylococcal pyrogenic exotoxin C
(SY) pyrogenic exotoxin C, Staph aureus
(SY) PE type C
(HM) *BACTERIAL TOXINS
(II) EXOTOXINS
(II) STAPHYLOCOCCUS AUREUS
(NO) isolated from patients with toxic shock syndrome

Staphylococcal pyrogenic exotoxin type B
(SY) PE type B
(SY) pyrogenic exotoxin B, Staph aureus
(HM) *BACTERIAL TOXINS
(HM) *EXOTOXINS
(NO) from S. aureus; resembles closely streptococcal PE type B; MW approx 18,000

staphylococcal serine protease
(RN) EC 3.4.21.19
(SY) Staph aureus SV8 protease
(HM) *PEPTIDE HYDROLASES

staphylococcin
(RN) 53026-91-8
(RR) 51745-85-8 (staphylococcin 462)
(RR) 37380-84-0 (staphylococcin A)
(RR) 39280-49-4 (staphylococcin 1580)
(RR) 77190-08-0 (staphylococcin Bac R1)
(SY) staphylococcin A
(SY) staphylococcin 1580
(SY) staphylococcin 462
(SY) staphylococcine
(SY) staphylococcin Bac R1
(SY) Bac R(1)
(SY) Pep 5 staphylococcin
(SY) staphylococcin-like peptide Pep5
(HM) *BACTERIOCINS
(PA) ANTIBIOTICS
(NO) RN given refers to cpd with unspecified MF

staphylococcin A see staphylococcin

staphylococcin Bac R1 see staphylococcin

staphylococcine see staphylococcin

staphylococcin-like peptide Pep5 see staphylococcin

staphylococcin 1580 see staphylococcin

staphylococcin 462 see staphylococcin

Staphylococcus aureus glutamic protease
(RN) EC 3.4.23.-
(SY) Staph glutamic protease
(SY) staphylococcal Glu-specific protease
(HM) *PEPTIDE PEPTIDOHYDROLASES

Staphylococcus aureus neutral proteinase
(RN) EC 3.4.24
(SY) protease II
(SY) staphylokinase
(SY) Staph aureus protease
(SY) staphylococcal e
(HM) *PEPTIDE PE[illegible]DOHYDROLASES
(NO) included in the group of microbial metalloproteinases EC 3.4.24.4

Staphylococcus V-8 protease
(RN) EC 3.4.99.-
(SY) V-8 protease
(SY) protease V8
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) mechanism of action not given

staphylokinase see Staphylococcus aureus neutral proteinase

staphylolysin
(RN) 66554-76-5
(SY) alpha-staphylolysin
(SY) gamma-staphylolysin
(HM) *ENDOTOXINS
(II) STAPHYLOCOCCUS
(NO) dry substance of endotoxin of Staphylococcus haemolytic

staphylotoxin
(RN) 12616-52-3
(SY) alpha-staphylotoxin
(HM) *BACTERIAL TOXINS
(II) STAPHYLOCOCCUS AUREUS

starch hydrogel copolymer
(SY) copolymer starch hydrogel
(SY) starch polymer hydrogel
(HM) STARCH/*analogs
(II) OCCLUSIVE DRESSINGS
(NO) grafted copolymer cpd polymerized from cornstarch & hydrated at time of use to form gel-like substance for split thickness wounds, exudative & decubitus ulcers

starch polyacrylate
(RN) 9086-70-8
(SY) polyacryl starch
(HM) STARCH/*analogs

starch polymer hydrogel see starch hydrogel copolymer

starch xanthate
(RN) 11116-64-6
(HM) STARCH/*analogs
(NO) used in encapsulating pesticides for handler safety

starlicide
(RN) 95-74-9
(RR) 7745-89-3 (HCl)
(RR) 63980-17-6 (sulfate[2:1] salt)
(RR) 59404-85-2 (monoacetate salt)
(SY) DRC-1339
(SY) CPTH
(SY) 3-chloro-p-toluidine.HCl
(SY) 3-chloro-4-methylbenzenamine.HCl
(SY) 3-chloro-p-toluidine
(HM) *TOLUIDINES
(PA) PESTICIDES
(NO) avian toxicant registered to control starlings at cattle and poultry feed lots; RN given refers to parent cpd

ST-AR-phosphatidylcholine see 1-stearoyl-2-arachidonylphosphatidylcholine

statherin
(HM) *SALIVARY PROTEINS
(NO) tyrosine-rich peptide from human parotid saliva

Staticin see carinamide

statil see ICI 128436

statine
(HM) *AMINO ACIDS
(NO) amine component of pepstatin; structure

statizol see Gastrozol

statolon
(RN) 11006-77-2
(SY) NSC 71901
(SY) NSC-71901
(SY) vistatolon
(HM) *POLYSACCHARIDES
(PA) INTERFERON INDUCERS
(NO) polyanionic polysaccharide from Penicillium stoloniferum; induces interferon; used as antiviral agent & proposed as antineoplastic agent; minor descriptor (69-72); major descriptor (73-85); on-line search POLYSACCHARIDES (69-85); Index Medicus search POLYSACCHARIDES (69-72); STATOLON (73-85)

STA 2
(RN) 80408-46-4
(SY) STA-2
(SY) 9,11-epithio-11,12-methanothromboxane A2
(HM) THROMBOXANE A2/*analogs
(NO) thromboxane A2 agonist; structure given in first source

STA-2 see STA 2

STB protein see Stratum corneum basic protein

stearate-sepharose
(SY) sepharose-stearate
(HM) SEPHAROSE/*analogs
(NO) stearic acid coupled covalently to sepharose for acyl-coA synthetase substrate

stearic acid
(RN) 57-11-4
(SY) octadecanoic acid
(SY) magnesium stearate
(SY) calcium stearate
(SY) aluminum monostearate
(HM) *STEARIC ACIDS

stearic acid triglyceride see tristearin

stearox-6 see polyethylene glycol monostearate

6-O-stearoyl-N-acetylmuramyl-alanylisoglutamine
(RN) 60398-08-5
(SY) 6-O-stearoyl-muramyl dipeptide
(SY) 6-SMDP
(SY) L18-MDP(Ala)
(SY) 6-O-stearoyl-N-AcMu-Ala-iso-Gln
(HM) ACETYLMURAMYL-ALANYL-ISOGLUTAMINE/*analogs
(II) ADJUVANTS, IMMUNOLOGIC

6-O-stearoyl-N-acetylmuramyl-alpha-aminobutyryl-isoglutamine
(RN) 92627-93-5
(SY) SAMABIG
(HM) ACETYLMURAMYL-ALANYL-ISOGLUTAMINE/*analogs
(II) ADJUVANTS, IMMUNOLOGIC
(NO) lipophilic muramyl dipeptide analog; RN given refers to (L-aminobutyryl-D-isoglutamine)-isomer; RN for cpd without isomeric designation not in Chemline 6/85

6-O-stearoyl-N-AcMu-Ala-iso-Gln see 6-O-stearoyl-N-acetylmuramyl-alanylisoglutamine

stearoyl alpha-lysolecithin
(RN) 5655-17-4
(RR) 17364-19-1 ((+-)-isomer)
(RR) 19420-57-6 ((R)-isomer)
(SY) 1-stearoyl-sn-glycero-3-phosphorylcholine
(SY) 1-octadecyl-glycero-3-phosphocholine
(SY) stearoyllysophosphatidylcholine
(SY) stearoyl L-alpha-lysolecithin
(HM) *LYSOPHOSPHATIDYLCHOLINES
(NO) RN given refers to cpd without isomeric designation

stearoyl L-alpha-lysolecithin see stearoyl alpha-lysolecithin

stearoyl-arachidonyl-diglyceride see stearoylarachidonylglycerol

stearoylarachidonylglycerol
(RN) 75060-22-9
(SY) stearoyl-arachidonyl-diglyceride
(SY) SADG
(HM) *DIGLYCERIDES

1-stearoyl-2-arachidonylphosphatidylcholine
(RN) 18892-74-5
(SY) alpha-stearoyl-beta-arachidonyl-L-phosphatidylcholine
(SY) ST-AR-phosphatidylcholine
(HM) *PHOSPHATIDYLCHOLINES
(NO) RN given refers to (all-Z)-isomer; RN for cpd without isomeric designation not in Chemline 4/85

stearoyl chloride
(RN) 112-76-5
(HM) *STEARATES

stearoyl-CoA see stearoyl-coenzyme A

stearoyl-coenzyme A
(RN) 362-66-3
(SY) stearyl CoA
(SY) stearoyl-CoA
(SY) coenzyme A, stearoyl-
(HM) *ACYL COENZYME A

stearoyl dextran
(RN) 55965-51-0
(SY) O-stearoyldextran
(HM) *DEXTRANS

O-stearoyldextran see stearoyl dextran

stearoyllysophosphatidylcholine see stearoyl alpha-lysolecithin

6-O-stearoyl-muramyl dipeptide see 6-O-stearoyl-N-acetylmuramyl-L-anylisoglutamine

1-stearoyl-2-myristoylphosphatidylcholine
(RN) 20664-02-2
(SY) 1S-2M-PC
(HM) *PHOSPHATIDYLCHOLINES
(NO) RN given in first source; RN not in Chemline 12/84

1-stearoyl-sn-glycero-3-phosphorylcholine see stearoyl alpha-lysolecithin

stearyl alcohol
(RN) 112-92-5
(HM) *FATTY ALCOHOLS

stearylamine
(RN) 124-30-1
(RR) 1838-08-0 (HCl)
(SY) octadecylamine
(HM) *AMINES
(NO) RN given refers to parent cpd

stearyl CoA see stearoyl-coenzyme A

stearyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl) propionate see Irganox 1076

stearyl-isomaltosyl oligosaccharide
(SY) STIOS
(HM) *OLIGOSACCHARIDES
(II) ANTIGENS

stearyl tyrosine
(RN) 73393-27-8
(RR) 77229-76-6 (HCl(L)-isomer)
(SY) tyrosine octadecyl ester
(HM) TYROSINE/*analogs
(II) ADJUVANTS, IMMUNOLOGIC
(II) DELAYED-ACTION PREPARATIONS
(NO) RN given refers to parent cpd (L)-isomer; RN for cpd without isomeric designation not in Chemline 6/85

stediril
(RN) 8056-51-7
(RR) 69612-00-6 (cpd with unspecified isomer at 17 position of ethinyl estradiol)
(RR) 39366-37-5 ((17alpha)-levonorgestrel cpd)
(RR) 70866-88-5 ((8alpha,9beta,10alpha,13alpha,14beta)-isomer)
(SY) gravistat
(SY) ovral
(SY) Eugynon
(SY) Microgynon
(SY) Neovletta
(SY) Follinil
(SY) Low Ovral
(SY) Lo-Ovral
(SY) ovidon
(SY) Rigevidon
(SY) Nordette
(SY) Primovular
(SY) Trigynon
(SY) Microvlar-30
(SY) Neovlar
(SY) Logynon
(SY) trinordiol
(SY) triquilar
(SY) trionetta
(SY) triphasil
(HM) *NORGESTREL
(HM) *ETHINYL ESTRADIOL
(II) CONTRACEPTIVES, ORAL, HORMONAL
(II) CONTRACEPTIVES, ORAL, SYNTHETIC
(NO) each Rigevidon tablet contains d-norgestrel 0.15mg & ethinylestradiol 0.03mg; RN given refers to (17alpha)-isomer of both compounds and the (+-)-isomer of norgestrel

steffimycin
(RN) 11033-34-4
(SY) U-20661
(HM) NAPHTHACENES
(PA) ANTIBIOTICS
(NO) see also record for steffimycin B; structure

stefin
(SY) cystatin B
(HM) *PROTEINS
(PA) PROTEASE INHIBITORS
(NO) cysteine protease inhibitor isolated from cytosol of human polymorphonuclear granulocytes; amino acid sequence established; see also cystatin, egg-white, post gamma-globulins & the general term cysteine protease inhibitors, endogenous

steganacin
(RN) 41451-68-7
(RR) 58894-52-3 (duplicate RN)
(HM) *4-BUTYROLACTONE/analogs
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(NO) bisbenzocyclooctadiene lactone extract from Steganotaenia araliacea; structure

stegane
(HM) *LACTONES
(NO) oxidation of stegane yields the antineoplastic agent steganacin; structure given in first source

Stelabid
(RN) 60108-70-5
(SY) 2,7(1H)-Isoquinolinedisulfonamide, N7-(3-chlorophenyl)-N2-((7-(((3-chlorophenyl)amino) sulfonyl)-3,4-dihydro-2(1H)-isoquinolinyl) sulfonyl)-3,4-dihydro-
(HM) *ISOPROPAMIDE IODIDE
(HM) *TRIFLUOPERAZINE
(HM) DRUG COMBINATIONS
(PA) TRANQUILIZING AGENTS, MAJOR
(NO) contains above two cpds, also used to treat gastrointestinal disorders

stella blue
(RN) 85213-55-4
(RR) 14797-73-0 (perchlorate)
(SY) 3-diethylamino-7-dimethylaminophenoxazonium
(SY) 3-diethylamino-7-dimethylaminophenoxazonium perchlorate
(HM) *OXAZINES
(II) DYES
(NO) structure given in first source

stellacyanin
(RN) 12738-61-3
(HM) *PLANT PROTEINS
(HM) *METALLOPROTEINS
(NO) copper containing protein from Rhus vernicifera

stem cell inhibitory factor
(SY) hemopoietic stem cell inhibition factor
(SY) hematopoietic stem cell proliferation inhibitor
(SY) SCIF
(SY) haematopoietic stem cell proliferation inhibitor
(HM) *LYMPHOKINES
(NO) produced by thymus cells, following treatment with antilymphocyte serum; inhibits colony formation by bone marrow cells; possesses no antiviral activity

stemmadenine
(RN) 10012-73-4
(HM) *ALKALOIDS
(PA) MUSCLE RELAXANTS, CENTRAL
(PA) ANTIHYPERTENSIVE AGENTS
(II) PLANTS, MEDICINAL
(NO) from seeds of Tabernaemotana dichotoma; structure given in first source; RN given refers to (19E)-isomer; RN for cpd without isomeric designation not in Chemline 9/85

stenophylline A
(RN) 91450-13-4
(HM) *ALKALOIDS
(PA) ANTIHYPERTENSIVE AGENTS
(NO) structure given in first source

stenophylline B
(RN) 91421-75-9
(HM) *ALKALOIDS
(II) PLANTS, MEDICINAL
(NO) RN given from Toxline; RN not in Chemline 12/84; structure

stenophylline C
(RN) 91450-14-5
(HM) *VERATRUM ALKALOIDS
(NO) from Veratrum stenophyllum; structure given in first source

stenophylline D
(RN) 91450-15-6
(HM) *VERATRUM ALKALOIDS
(NO) from Veratrum stenophyllum; structure given in first source

stenopril
(RN) 13005-65-7
(RR) 30388-04-6 (HCl)
(RR) 57334-43-7 ((+-)-isomer)
(RR) 57334-44-8 (methylbenzenesulfonate)
(SY) alpha-methyl-N-(3-phenylpropyl)phenethylamine
(HM) *PHENETHYLAMINES
(PA) VASODILATOR AGENTS
(NO) RN given refers to parent cpd; stenopril refers to the HCl

stenorol see halofuginone

stepholidine
(RN) 16562-13-3
(HM) *BERBERINE/analogs
(NO) protoberberine alkaloid isolated from opium

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stepronin
(RN) 72524-18-6
(RR) 78126-10-0 (mono-Na salt)
(SY) 2-(alpha-thenoylthio)propionylglycine
(SY) Tiasc
(SY) prostenoglycine
(SY) broncoplus
(SY) 2-(alpha-theonyl)thiopropionylglycine
(SY) TTPG
(HM) GLYCINE/*analogs
(PA) ANTIVIRAL AGENTS
(PA) EXPECTORANTS
(NO) RN given refers to parent cpd; structure given in UD 32:186c

stercobilin
(RN) 34217-90-8
(RR) 30505-48-7 (stercobilin III alpha)
(HM) *BILE PIGMENTS
(NO) RN given refers to (2R,3R,4S,16S,17R,18R)-isomer; cpd without isomeric designation not in Chemline 7/83

sterculic acid
(RN) 738-87-4
(HM) *CYCLOPROPANES
(HM) *FATTY ACIDS, UNSATURATED
(NO) structure

sterculic acid methyl ester see methyl sterculate

stercuronium
(RN) 30033-10-4
(RR) 40748-24-1 (bromide)
(SY) N-ethyl-N-(cona-4,6-diene-3 beta-yl) dimethylammonium iodide
(HM) *ALKALOIDS
(PA) NEUROMUSCULAR DEPOLARIZING AGENTS
(NO) analog of conessine; RN given refers to iodide; RN for parent cpd not in Chemline 7/83

Sterisol see dimethyldodecylbenzylammonium

sterinor see tibirox

Stermonid see domoprednate

sterofundin H
(RN) 91594-36-4
(HM) *AMINO ACIDS
(NO) used in treatment of metabolic alkalosis

steroid acetate hydrolyzing enzyme see carboxylesterase

steroid alcohol sulfotransferase see alcohol sulfotransferase

steroid 16 alpha-hydroxylase see estradiol 16 alpha-hydroxylase

steroid 7 alpha-hydroxylase
(RN) EC 1.14.99.-
(SY) testicular 7 alpha-hydroxylase
(SY) 7 alpha-hydroxylase
(SY) microsomal 7alpha-hydroxylase
(HM) *STEROID HYDROXYLASES
(NO) testosterone & androstenedione incubated with microsomes from rat testes produced 7alpha-hydroxytestosterone & 7alpha-hydroxyandrostenedione

steroid 9 alpha-hydroxylase see steroid 9 alpha monooxygenase

steroid 9 alpha monooxygenase
(RN) EC 1.14.99.-
(SY) steroid 9 alpha-hydroxylase
(HM) *STEROID HYDROXYLASES
(NO) consists of an electron transport chain of NADH-dependent flavoprotein reductase & 2 iron-sulfur proteins; from Nocardia

steroid 17alpha oxidoreductase see androstenedione 17 alpha-oxidoreductase

steroid 15-beta-hydroxylase
(RN) EC 1.14.99.-
(SY) cytochrome P-450 15 beta-hydroxylase
(HM) *STEROID HYDROXYLASES
(NO) contains P-450 & ferredoxin; from Bacillus megaterium

steroid-6 beta hydroxylase see 6 beta-steroid hydroxylase

steroid 5 beta-reductase see 3-oxo-5 beta-steroid delta 4-dehydrogenase

steroid-1-dehydrogenase see 3-oxosteroid delta(1) dehydrogenase

steroid 1,2-dehydrogenase see 3-oxosteroid delta(1) dehydrogenase

steroid delta-isomerase
(RN) EC 5.3.3.1
(RR) 9031-36-1 (CRN)
(SY) delta 5-3-oxosteroid isomerase
(SY) delta-5-3-ketosteroid isomerase
(SY) 3-ketosteroid isomerase
(SY) 3-oxosteroid delta 4-5 isomerase
(SY) 5-ene-3-ketosteroid isomerase
(HM) *STEROID ISOMERASES
(PA) GLUTAMYL TRANSPEPTIDASE/antag

steroid 17,20-desmolase see 17 alpha-hydroxyprogesterone aldolase

steroid 18-hydroxylase
(RN) EC 1.14.99.-
(RR) 9073-54-5 (CRN)
(HM) *STEROID HYDROXYLASES
(NO) converts 11-deoxycorticosterone to 18-hydroxy-11-deoxycorticosterone

steroid 19-hydroxylase
(RN) EC 1.14.13.-
(SY) 19-hydroxysteroid hydroxylase
(HM) *STEROID HYDROXYLASES
(NO) enzyme from adrenal mitochondria; forms 19-hydroxy-11-deoxycorticosterone

steroid 17,20-lyase see 17 alpha-hydroxyprogesterone aldolase

steroid sulfatase see dehydroepiandrosterone sulfate sulfatase

steroid 21-sulfatase
(RN) EC 3.1.6.-
(SY) deoxycorticosterone 21-sulfate sulfatase
(HM) *SULFATASES

steroid sulfokinase see alcohol sulfotransferase

steroid sulfotransferase
(RN) EC 2.8.2.15
(SY) phenolic steroid sulfotransferase
(HM) *SULFURTRANSFERASES
(NO) catalyzes the reaction of 3'-phosphoadenylyl sulfate and a phenolic steroid to form adenosine 3',5'-bisphosphate and steroid O-sulfate; has broad specificity

steroid sulfotransferase III see glucocorticoid sulfotransferase III

steroid sulphatase see dehydroepiandrosterone sulfate sulfatase

sterol 14 alpha-demethylase see lanosterol 14 alpha-demethylase

sterol carrier protein, liver see fatty acid-binding proteins

sterol carrier protein(1)
(SY) sterol carrier protein 1
(SY) SCP(1)
(SY) squalene and sterol carrier protein
(HM) *CARRIER PROTEINS
(II) STEROLS
(NO) acts specifically at the oxidation & cyclization of squalene to lanosterol

sterol carrier protein 1 see sterol carrier protein(1)

sterol carrier protein(2)
(SY) sterol carrier protein 2
(SY) SCP(2)
(HM) *CARRIER PROTEINS
(II) STEROLS
(NO) low MW protein; may be identical with phospholipid transfer protein

sterol carrier protein 2 see sterol carrier protein(2)

sterol delta-5 desaturase
(RN) EC 1.3.-
(HM) *OXIDOREDUCTASES

sterol C 14 demethylase see lanosterol 14 alpha-demethylase

sterolibrin
(RN) 8077-77-8
(SY) biogest
(HM) *MESTRANOL
(HM) PROGESTERONE/*analogs
(HM) CONTRACEPTIVES, ORAL, COMBINED
(NO) combination of mestranol & chlorsuperlutin

sterol 24(28) methylene reductase see delta 24-sterol reductase

sterol-sulfatase see dehydroepiandrosterone sulfate sulfatase

steviol
(RN) 471-80-7
(RR) 29584-19-8 ((+-)-isomer)
(RR) 59102-34-0 (3H-labeled cpd)
(SY) isosteviol
(HM) *DITERPENES
(NO) aglucon of stevioside; RN given refers to (4alpha)-isomer; cpd without isomeric designation not in Chemline 7/83

stevioside
(RN) 57817-89-7
(HM) *GLUCOSIDES
(HM) *TERPENES
(II) SWEETENING AGENTS
(NO) glucoside from the leaves of Kaa-ha-e, Stevia rebaudiana; 300 times as sweet as sugar

STI see glucocorticoid sulfotransferase 1

stibocaptate
(RN) 1986-66-9
(RR) 3064-61-7 (hexa-Na salt)
(SY) astiban
(SY) 2,3-dimercaptosuccinic acid-cyclic-thioantimonate
(SY) antimony dimercaptosuccinate
(SY) Antiban
(HM) *DIMERCAPTOSUCCINIC ACID
(HM) *ANTIMONY
(PA) SCHISTOSOMICIDES
(PA) ANTHELMINTICS
(NO) RN given refers to parent cpd

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stichoposide
(RN) 37341-37-0
(RR) 11104-37-3 (stichoposide A1)
(RR) 37341-38-1 (stichoposide C)
(SY) stichoposide A1
(SY) stichoposide A
(SY) holotoxin A1
(SY) holotoxin B1
(HM) *TRITERPENES
(HM) *GLYCOSIDES
(II) HOLOTHURIN
(II) TOXINS
(II) SEA CUCUMBERS
(NO) triterpene glycoside; RN given refers to stichoposide A

stichoposide A see stichoposide

stichoposide A1 see stichoposide

stigmasta-5,24-dien-3 beta-ol see fucosterol

stigmastanol
(RN) 83-45-4
(RR) 387-80-4 ((3beta,5beta,24S)-isomer)
(SY) beta-sitostanol
(SY) sitostanol
(SY) dihydrositosterol
(SY) 24 alpha-ethyl-5 beta-cholestan-3 alpha-ol
(SY) 24 alpha-ethyl-5 alpha-cholestan-3 beta-ol
(HM) *SITOSTEROLS
(NO) saturated analog of beta-sitosterol; RN given refers to (3beta,5alpha)-isomer; cpd without isomeric designation not in Chemline 7/83

stigmatellin
(HM) POLYENES
(PA) ANTIBIOTICS
(NO) isolated from myxobacterium Stigmatella aurantiaca; structure in first source

STII see glucocorticoid sulfotransferase II

STIII see glucocorticoid sulfotransferase III

stilbamidine
(RN) 122-06-5
(RR) 6935-63-3 (di-HCl)
(HM) *STILBAMIDINES
(NO) RN given refers to parent cpd

stilbene oxide
(RN) 17619-97-5
(RR) 1689-71-0 ((cis)-isomer)
(RR) 38628-70-5 (trans-(+-)-isomer)
(RR) 40102-60-1 ((2S-trans)-isomer)
(RR) 25144-18-7 ((2R-trans)-isomer)
(RR) 1439-07-2 ((trans)-isomer)
(SY) trans-stilbene oxide
(HM) *STILBENES
(NO) inducer of epoxide hydratase; RN given refers to cpd without isomeric designation

trans-stilbene oxide see stilbene oxide

stilbene synthase
(RN) 66304-29-8
(SY) pinosylvine synthase
(HM) STILBENES/*biosyn
(NO) extract from pine seedlings catalyzed the conversion of cinnamoyl-CoA & malonyl-CoA into 3,5-dihydroxystilbene

stilbostat
(RN) 15470-58-3
(HM) DIETHYLSTILBESTROL/*analogs
(HM) *NITROGEN MUSTARD COMPOUNDS
(PA) ANTINEOPLASTIC AGENTS
(NO) carbamidic deriv of tetrakis(2-chloroethyl)-stilbestrol; structure

Stilphostrol see fosfestrol

stimulating protein, RNA polymerase see RNA polymerase stimulatory factors

stimulin, bacterial
(HM) *BIOLOGICAL PRODUCTS
(II) STAPHYLOCOCCUS AUREUS
(NO) metabolic product of Staph aureus used in shortening time of fracture healing; do not confuse with synonym to nikethamide

stingose
(HM) *ALUMINUM
(HM) *SURFACE-ACTIVE AGENTS
(HM) DRUG COMBINATIONS
(PA) ANTIDOTES
(NO) aluminum sulfate & surfactant used in first-aid for wide range of marine, insect & plant bites & stings; aluminum precipitates proteins and distorts structure of polysaccharides in venoms

STIOS see stearyl-isomaltosyl oligosaccharide

stiripentol
(RN) 49763-96-4
(SY) D-306
(HM) *DIOXOLANES
(NO) structure

stirocainide
(RN) 66660-95-5
(SY) 2-benzal-1-((2'-diisopropylamino)ethoxyimino) cycloheptane hydrogen fumarate
(SY) TH-494
(SY) TH 494
(HM) *ETHANOLAMINES
(PA) ANTI-ARRHYTHMIA AGENTS
(NO) structure in first source; RN given refers to fumarate salt; RN for parent cpd not in Chemline 7/84

stivane see pyrisuccideanol

stizolicin
(RN) 30994-28-6
(HM) *SESQUITERPENES
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(NO) sesquiterpene lactone germacranolide from Stizolophus balsamitus (Asteraceae); RN given for (1aR-(1aR*,4Z,7R*(E),7aS*,10aR*,10bS*))-isomer; RN for cpd without isomeric designation not in Chemline 10/84; structure given in first source

STLIA see somatostatin-like peptides

STLVPNA see succinyl-tyrosyl-leucyl-valine-4-nitroanilide

ST mitogen see Salmonella typhimurium mitogen

stomadhesive see Stomahesive

Stomahesive
(SY) stomadhesive
(HM) *GELATIN
(HM) *PECTINS
(HM) *CARBOXYMETHYLCELLULOSE
(HM) *POLYENES
(HM) DRUG COMBINATIONS
(II) DERMATOLOGIC AGENTS
(II) TISSUE ADHESIVES
(NO) protects while allowing normal healing underneath; used in pressure sores, excoriated skin surrounding ileostomy

stone protein
(SY) pancreatic stone protein
(SY) pancreatic acidic phosphoprotein
(HM) *CALCIUM BINDING PROTEINS
(NO) EDTA-soluble; MW 13,500; protein in human pancreatic stones along with calcium carbonate crystals

stopayne
(HM) *ACETAMINOPHEN
(HM) *MEPROBAMATE
(HM) *CODEINE
(HM) DRUG COMBINATIONS
(PA) ANALGESICS
(NO) combination of analgesics paracetamol, meprobamate, codeine phosphate, & caffeine

storage protein receptor
(SY) receptor, storage protein, Sarcophaga
(SY) storage protein receptors
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) DIPTERA
(NO) MW 120,000 membrane protein of pupal fat body in Sarcophaga peregrina

storage protein receptors see storage protein receptor

storage proteins, insect see insect storage proteins

stratene see cetiedil

Stratum corneum basic protein
(SY) STB protein
(SY) histidine-rich protein II
(SY) filaggrin
(HM) *INTERMEDIATE FILAMENT PROTEINS
(II) EPIDERMIS
(NO) in contrast to its precursor this protein contains no phosphorus; histidine- & arginine-rich

stratum corneum basic protein precursor
(SY) phosphorylated filaggrin
(SY) profilaggrin
(HM) *PROTEIN PRECURSORS
(HM) *INTERMEDIATE FILAMENT PROTEINS
(II) PHOSPHOPROTEINS
(NO) a phosphorylated keratohyalin

Strep B Ibc protein see streptococcal Ibc proteins

strep A mitogen see streptococcal group A mitogen

strep phage lysin see lysin, streptococcus bacteriophage

strep polysaccharide B Ia see streptococcal polysaccharide Ia group B

strep polysaccharide B Ib see streptococcal polysaccharide Ib group B

strep polysaccharide B II see streptococcal polysaccharide II group B

strep polysaccharide B III see streptococcal polysaccharide type III group B

strep proteinase see streptococcal cysteine proteinase

strep M protein see streptococcal M protein

strep M protein (type 19) see streptococcal M protein

strep M protein (type 5) see streptococcal M protein

strep PSGA see streptococcal polysaccharide group A

Strep f sex pheromone cPD1 see Streptococcus faecalis sex pheromone cPD1

strep-spect adtransferase see streptomycin-spectinomycin adenylyltransferase

streptamine
(RN) 488-52-8
(RR) 16647-43-1 ((myo)-isomer)
(RR) 5469-74-9 (sulfate[1:1])
(HM) HEXOSAMINES
(PA) ANTIBIOTICS
(NO) RN given refers to parent cpd; structure

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streptavidin
(RN) 9013-20-1
(HM) *BACTERIAL PROTEINS
(NO) from Streptomyces avidinii

streptidine
(RN) 85-17-6
(RR) 6160-27-6 (sulfate[1:1])
(SY) 1,1'-(2,4,5,6-tetrahydroxy-1,3-cyclohexylene) diguanidine
(HM) *GUANIDINES
(HM) *HEXOSAMINES
(NO) component of streptomycin molecule; RN given refers to parent cpd

streptidine kinase see streptomycin 6-kinase

streptidine-6-phosphate
(HM) *GUANIDINES
(HM) *SUGAR PHOSPHATES
(NO) structure given in first source

streptimidone
(RN) 738-72-7
(HM) PIPERIDONES
(PA) ANTIBIOTICS
(NO) structure

streptobicillin depot
(SY) streptobicillin depot-syringae mammariae
(HM) *STREPTOMYCIN
(HM) *PENICILLIN G, BENZATHINE
(HM) *VITAMIN A
(HM) DRUG COMBINATIONS
(II) DELAYED-ACTION PREPARATIONS
(NO) combination of benzathine penicillin, streptomycin sulfate & vitamin A oleosum in suitable base for treating mastitis in cows

streptobicillin depot-syringae mammariae see streptobicillin depot

streptocide (Evans) see sulfamidochrysoidine

streptocin
(RN) 1404-67-7
(RR) 56591-03-8 (streptocin B1)
(RR) 50935-99-4 (streptocin A)
(SY) streptocin A
(SY) streptocin B
(HM) *BACTERIOCINS
(II) STREPTOCOCCUS PYOGENES
(NO) bacteriocin isolated from cultures of Streptococcus pyogenes strain FF22; RN is from 9th CI, Chem Subs Index

streptocin A see streptocin

streptocin B see streptocin

streptococcal acid glycoprotein
(SY) SAGP
(HM) *GLYCOPROTEINS
(PA) ANTINEOPLASTIC AGENTS
(NO) from cell-free crude extracts of group A Streptococcus hemolyticus; MW 140,000 to 150,000; isoelectric point is 4.3

streptococcal M-associated protein see streptococcal M protein

streptococcal blastogen A see streptococcal group A mitogen

streptococcal cysteine proteinase
(RN) EC 3.4.22.10
(SY) streptococcal proteinase
(SY) streptococcal peptidase A
(SY) strep proteinase
(SY) streptococcal esterase
(HM) *PEPTIDE PEPTIDOHYDROLASES

streptococcal erythrogneic toxin see erythrogenic toxin

streptococcal esterase see streptococcal cysteine proteinase

streptococcal group A cell wall carbohydrate
(SY) group A streptococcal cell wall carbohydrate
(SY) SACHO
(HM) *POLYSACCHARIDES, BACTERIAL
(II) STREPTOCOCCUS PYOGENES
(NO) used for idiotype determinations

streptococcal group A mitogen
(SY) strep A mitogen
(SY) streptococcal blastogen A
(HM) *MITOGENS
(NO) extracellular product of group A streptococci nonspecifically mitogenic for both B & T lymphocytes

streptococcal Ibc proteins
(SY) Ibc proteins
(SY) Strep B Ibc protein
(HM) *BACTERIAL PROTEINS
(II) STREPTOCOCCUS AGALACTIAE
(NO) serotype markers of group B streptococci

Streptococcal IgG Fc-binding protein
(SY) SB-GFc
(SY) protein G, Strep
(HM) *BACTERIAL PROTEINS
(II) ANTIGENS, BACTERIAL
(II) IGG
(II) Streptococcus
(NO) isolated from alkaline extracts of group A streptococci type 15; cell wall protein from group G Strep

streptococcal mucopeptide see mucopeptides

streptococcal nuclease
(RN) EC 3.1.30.-
(HM) *ENDONUCLEASES
(NO) from Streptococcus hemolyticus; degrades RNA & DNA producing oligonucleotides terminating in 5'-phosphate

streptococcal peptidase A see streptococcal cysteine proteinase

streptococcal polysaccharide group A
(SY) strep PSGA
(SY) group A streptococcal polysaccharide
(SY) polysaccharide, group A streptococcal
(SY) group A streptococcal carbohydrate
(HM) *POLYSACCHARIDES, BACTERIAL
(II) STREPTOCOCCUS PYOGENES

streptococcal polysaccharide group C see polysaccharide C-substance (Streptococcus)

streptococcal polysaccharide Ia group B
(RN) 84280-28-4
(SY) strep polysaccharide B Ia
(SY) polysaccharide type Ia group B, streptococcal
(HM) *POLYSACCHARIDES, BACTERIAL
(II) ANTIGENS, BACTERIAL
(II) STREPTOCOCCUS AGALACTIAE
(NO) RN & structure given in first source

streptococcal polysaccharide Ib group B
(RN) 84280-27-3
(SY) strep polysaccharide B Ib
(SY) polysaccharide type Ib group B, streptococcal
(HM) *POLYSACCHARIDES, BACTERIAL
(II) ANTIGENS, BACTERIAL
(II) STREPTOCOCCUS AGALACTIAE
(NO) RN & structure given in first source

streptococcal polysaccharide II group B
(SY) strep polysaccharide B II
(SY) group B type II strep capsular polysaccharide
(HM) *POLYSACCHARIDES, BACTERIAL
(II) ANTIGENS, BACTERIAL
(II) STREPTOCOCCUS AGALACTIAE

streptococcal polysaccharide type III group B
(SY) strep polysaccharide B III
(SY) group B type III streptococcal polysaccharide
(SY) polysaccharide, group B type III streptococcal
(SY) group B III Strep toxin
(HM) *POLYSACCHARIDES, BACTERIAL
(II) STREPTOCOCCUS AGALACTIAE
(II) BACTERIAL TOXINS

streptococcal proteinase see streptococcal cysteine proteinase

streptococcal M protein
(SY) M protein, streptococcal
(SY) strep M protein
(SY) streptococcal M-associated protein
(SY) strep M protein (type 5)
(SY) strep M protein (type 19)
(HM) *BACTERIAL PROTEINS
(II) ANTIGENS, BACTERIAL
(NO) type-specific protein on surface of group A Streptococci antigens

streptococcal pyrogenic exotoxin see erythrogenic toxin

streptococcal pyrogenic exotoxin A see erythrogenic toxin

Streptococcal pyrogenic exotoxin type C see erythrogenic toxin

Streptococcus faecalis metalloendopeptidase see metalloproteinases

Streptococcus faecalis sex pheromone cPD1
(SY) Strep f sex pheromone cPD1
(SY) H-Phe-Leu-Val-Met-Phe-Leu-Ser-Gly-OH
(HM) *OLIGOPEPTIDES
(II) PHEROMONES
(NO) synthetic octapeptide with MW 912

streptogramin B see virginiamycin

streptokinase potentiator see SK potentiator

streptolysin O
(HM) *STREPTOLYSINS

streptolysin S
(HM) *STREPTOLYSINS
(NO) oxygen-stable hemolysin produced by the group A streptococus upon exposure to various substances

Streptomyces griseus protease A
(RN) EC 3.4.21.-
(SY) SGPA
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) included in the group of microbial serine proteinases EC 3.4.21.14

Streptomyces griseus protease B
(RN) EC 3.4.21.-
(SY) SGPB
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) included in the group of microbial serine proteinases EC 3.4.21.14

Streptomyces pepsin inhibitor
(RN) 11076-29-2
(SY) acetylvalylvalyl-4-amino-3-hydroxy-6-methylheptanoylalanyl-4-amino-3-hydroxyl-6-methylheptanoic acid
(SY) acetyl-pepstatin
(SY) Ac-pepstatin
(HM) *PEPSTATINS
(PA) PEPSIN/antag

Streptomyces subtilisin inhibitor
(SY) subtilisin inhibitor
(HM) *BACTERIAL PROTEINS
(PA) PROTEASE INHIBITORS
(PA) SUBTILISINS/antag

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streptomycin 3"-adenylyltransferase
(RN) EC 2.7.7.47
(RR) 52660-23-8 (CRN)
(RR) 70356-35-3 (CRN)
(SY) aminoglycoside 3"-adenylyltransferase
(HM) *NUCLEOTIDYLTRANSFERASES

streptomycin 3"-kinase
(RN) EC 2.7.1.87
(SY) streptomycin-3"-phosphotransferase
(SY) streptomycin phosphotransferase
(HM) *PHOSPHOTRANSFERASES, ATP

streptomycin 6-kinase
(RN) EC 2.7.1.72
(RR) 37278-11-8 (CRN)
(SY) streptidine kinase
(SY) streptomycin streptidinokinase
(SY) streptomycin 6-phosphotransferase
(HM) *PHOSPHOTRANSFERASES, ATP
(NO) dATP can replace ATP; dihydrostreptomycin, streptidine & 2-deoxystreptidine can act as acceptors

streptomycin-6-phosphatase
(RN) EC 3.1.3.39
(HM) *PHOSPHOMONOESTERASES
(HM) DIHYDROSTREPTOMYCIN/*analogs
(NO) final step in streptomycin biosynthesis; dihydrostreptomycin-6-P is hydrolyzed to dihydrostreptomycin

streptomycin phosphotransferase see streptomycin 3"-kinase

streptomycin-3"-phosphotransferase see streptomycin 3"-kinase

streptomycin 6-phosphotransferase see streptomycin 6-kinase

streptomycin-spectinomycin adenylyltransferase
(RN) EC 2.7.7.-
(SY) strep-spect adtransferase
(HM) *NUCLEOTIDYLTRANSFERASES
(NO) for radioenzymatic assay of spectinomycin

streptomycin streptidinokinase see streptomycin 6-kinase

streptomycylamine
(RN) 31104-95-7
(HM) AMINOGLYCOSIDES
(PA) ANTIBIOTICS
(NO) RN given refers to D-streptamine-L-glucose-L-lyxose-isomer; RN for cpd without isomeric designation not in Chemline 4/85; structure given in first source

streptonigrone
(HM) STREPTONIGRIN/*analogs
(NO) structure given in first source

streptothricin acetyltransferase
(RN) EC 2.3.1.-
(HM) *ACETYLTRANSFERASES
(NO) confers resistance to streptothricin in gram-negative bacteria; site of acetylation not specified 4/85

streptothricin E
(RN) 3776-38-3
(SY) racemomycin C
(SY) S15-1-B
(SY) yazumycin C
(HM) *STREPTOTHRICINS
(NO) see also streptothricin F for racemomycin A: 3808-42-2, racemomycins: 11006-72-7, yazumycin: 11051-45-9

streptothricin F
(RN) 3808-42-2
(SY) S15-1-A
(SY) racemomycin A
(SY) yazumycin A
(HM) *STREPTOTHRICINS
(NO) streptothricin group of antibiotics; see also racemomycins: 11006-72-7, streptothricin E for racemomycin C: 3776-38-3, yazumycin: 11051-45-9; structure

Streptotriad
(RN) 79028-52-7
(HM) *STREPTOMYCIN
(HM) *SULFAMETHAZINE
(HM) *SULFADIAZINE
(HM) *SULFATHIAZOLES
(HM) DRUG COMBINATIONS
(NO) combination of above used in prevention of diarrhea

streptovirudins
(RN) 56833-74-0
(RR) 51330-28-0 (streptovirudin A1)
(RR) 51330-29-1 (streptovirudin A2)
(RR) 51330-30-4 (streptovirudin B1)
(RR) 51330-31-5 (streptovirudin B2)
(RR) 51330-32-6 (streptovirudin C1)
(RR) 51330-33-7 (streptovirudin C2)
(RR) 51330-34-8 (streptovirudin D1)
(RR) 51330-35-9 (streptovirudin D2)
(RR) 51330-36-0 (streptovirudin E1)
(RR) 51330-37-1 (streptovirudin E2)
(HM) *ANTIBIOTICS
(PA) ANTIVIRAL AGENTS
(NO) new antibiotics with antiviral activity isolated from Streptomyces grisoflavus; RN given refers to cpd with unspecified MF

streptovitacin A
(RN) 523-86-4
(SY) reactin A
(SY) 4-hydroxycycloheximide
(HM) CYCLOHEXIMIDE/*analogs
(NO) structure

streptozyme
(HM) *HYDROLASES
(HM) STREPTOLYSINS
(HM) STREPTOKINASE
(II) INDICATORS AND REAGENTS
(II) ERYTHROCYTES
(NO) standardized suspension of sheep erythrocytes sensitized with streptolysin, deoxyribonuclease, hyaluronidase, NAD glycohydrolase & streptokinase

strobilurin A see mucidin

strobilurin C
(RN) 87081-57-0
(SY) 3,5-Hexadienoic acid, 2-(methoxymethylene)-3-methyl-6-(3-((3-methyl-2-butenyl)oxy)phenyl)-, methyl ester, (E,E,E)-
(HM) ACRYLATES
(PA) ANTIBIOTICS, ANTIFUNGAL
(NO) from Xerula longpipes & Xerula melanotricha; biological activity depends on methoxymethacrylate moiety; structure given in first source

strombine
(RN) 4408-64-4
(SY) 2-methyliminodiacetic acid
(HM) METHYLGLYCINE/*analogs
(NO) imino acid produced by a dehydrogenase found in the adductor muscle of the oyster, Crassostrea gigas

strong silver protein
(RN) 9008-42-8
(SY) protargol
(HM) *SILVER PROTEINS
(NO) silver proteinate; used as histological reagent for the demonstration of normal & abnormal elements in embedded, frozen & cultured preparations

strong-stop DNA
(SY) strong-stop (+) DNA
(HM) *DNA, VIRAL
(II) DNA REPLICATION
(NO) first species made during viral DNA synthesis containing sequences representing both the 5'- & 3'- end of the viral genome; initiated near the 3'-end of the genome & copies 3' & 5' genomic sequences from (-) DNA

strong-stop (+) DNA see strong-stop DNA

strontium chloride
(RN) 10476-85-4
(RR) 10025-70-4 (hexahydrate)
(RR) 24359-35-1 (90Sr-labeled cpd)
(RR) 24359-46-4 (85Sr-labeled cpd)
(RR) 38270-90-5 (89Sr-labeled cpd)
(RR) 16056-95-4 (di-Na salt)
(RR) 16894-53-4 (monohydrate)
(HM) *STRONTIUM
(II) DENTIFRICES
(NO) RN given refers to cpd with (MF) SrCl2

strophanthidin-alpha-L-rhamnoside see convallatoxin

strophanthin K
(RN) 11005-63-3
(SY) K-strophantin
(SY) K-strophanthin
(HM) *STROPHANTHINS
(NO) induces arrhythmias; see also K-strophanthin-beta

structural glycoprotein
(SY) glycoprotein, structural
(SY) structural-GP
(HM) *GLYCOPROTEINS
(NO) from bovine ligamentum nuchae; aggegates to form cylindrical tactoids; MW 34,000; may have a role in wound healing, morphogenetic movement & development of elastic tissues

structural-GP see structural glycoprotein

struvite
(RN) 15490-91-2
(RR) 7785-21-9 (H3PO4-NH4-Mg[1:1:1])
(SY) magnesium ammonium phosphate hexahydrate
(SY) magnesium ammonium phosphate
(SY) magnesium ammonium phosphate monohydrate
(HM) *MAGNESIUM
(HM) *PHOSPHATES
(PA) HEMOSTATICS
(NO) crystalline urinary stones associated with bacterial urease induced alkalinity, supersaturation, and consequent crystallization; RN given refers to H3PO4-NH4-Mg[1:1:1]-hexahydrate; structure

strychnine receptor
(SY) strychnine receptors
(SY) receptor, strychnine
(HM) *SYNAPTIC RECEPTORS
(II) STRYCHNINE
(NO) acts specifically on the neurotransmitter glycine

strychnine receptors see strychnine receptor

strychnopentamine
(RN) 63209-34-7
(HM) *ALKALOIDS
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(NO) bisindolic alkaloid from Strychnos usambarensis leaves; RN given refers to (12(R),16(S))-isomer; RN for cpd without isomeric designation not in Chemline 5/85; structure given in first source

STS-557 see STS 557

STS 557
(RN) 65928-58-7
(SY) 17 alpha-cyanomethyl-17 beta-hydroxyestra-4,9 (10)-diene-3-one
(SY) 17 alpha-cyanomethyl-17 beta-hydroxy-13 beta-methylgona-4,9-dien-3-one
(SY) STS-557
(SY) dienogest
(HM) NANDROLONE/*analogs
(II) PROGESTINS, SYNTHETIC
(II) CONTRACEPTIVES, ORAL
(NO) structure given in first source

STS 593
(RN) 68247-73-4
(SY) STS-593
(SY) 3-methoxy-14,15-methyleneestra-1,3,5-triene-17-ol
(HM) ESTRIOL/*analogs
(NO) RN given refers to (14R,15alpha,17beta)-isomer; RN for cpd without isomeric designation not in Chemline 9/85

STS-593 see STS 593

St. Thomas' Hospital cardioplegic solution
(SY) cardioplegic soln STH
(SY) Plegisol
(HM) *SODIUM CHLORIDE
(HM) *POTASSIUM CHLORIDE
(HM) *MAGNESIUM
(HM) *CALCIUM CHLORIDE
(HM) *BICARBONATES
(II) HEART ARREST, INDUCED
(NO) calcium containing cardioplegic soln of NaCl, KCl, MgCl2, CaCl2, NaHCO3

stubomycin
(RN) 77642-19-4
(SY) Stubomycin
(HM) POLYENES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) contains polyene amide group; from Streptomyces

Stubomycin see stubomycin

StyI endodeoxynuclease see endodeoxynuclease StyI

stypoldione
(RN) 71103-05-4
(HM) *QUINONES
(II) MARINE TOXINS
(II) ALGAE, BROWN
(NO) ortho-quinone from brown algae Stypopodium zonale; structure given in first source

styptanon see estriol succinate

styrene
(RN) 100-42-5
(SY) vinylbenzene
(HM) *STYRENES

styrene copolymer see styrofoam

styrene glycol
(RN) 93-56-1
(RR) 25779-13-9 ((S)-isomer)
(RR) 16355-00-3 ((R)-isomer)
(SY) phenyl glycol
(SY) phenylethanediol
(SY) 1-phenyl-1,2-ethanediol
(HM) *ETHYLENE GLYCOLS
(NO) RN given refers to cpd without isomeric designation

styrene-maleic acid polymer
(RN) 25300-64-5
(RR) 37286-89-8 (di-Na salt)
(SY) maleic acid-styrene polymer
(HM) *POLYSTYRENES
(HM) *MALEATES
(II) HAPTENS
(NO) synthetic antigen; RN given refers to parent cpd

styrene-maleic anhydride copolymer see Styromal

styrene monooxygenase
(RN) EC 1.13.-
(HM) *OXYGENASES

styrene oxide
(RN) 96-09-3
(SY) phenyloxirane
(HM) *EPOXY COMPOUNDS
(NO) structure

styrene oxide hydratase
(RN) EC 3.3.2.-
(SY) styrene oxide hydrolase
(HM) *EPOXIDE HYDROLASES
(NO) aspect of epoxide hydrolase, EC 3.3.2.3

styrene oxide hydrolase see styrene oxide hydratase

styrofoam
(RN) 9003-53-6
(RR) 34738-43-7 (K salt)
(RR) 30286-46-5 (3H-labeled cpd)
(RR) 35054-93-4 (ethenyl-2-(3)H-labeled cpd)
(RR) 25339-98-2 (ethenyl-2,2-di-(2)H-labeled cpd)
(SY) styrene copolymer
(SY) biosilon
(HM) *POLYSTYRENES
(NO) RN given refers to parent cpd

Styromal
(RN) 9011-13-6
(RR) 42912-79-8 (Zn salt)
(RR) 26022-09-3 (NH4 salt)
(RR) 25736-61-2 (Na salt)
(RR) 60908-62-5 (Al-NH4 salt)
(RR) 26022-10-6 (NH4-Na salt)
(SY) styrene-maleic anhydride copolymer
(HM) *MALEIC ANHYDRIDES
(HM) *POLYSTYRENES
(II) AIR POLLUTANTS, OCCUPATIONAL
(II) CONTRACEPTIVE AGENTS, MALE
(NO) RN given refers to parent cpd

2-styryl-4-ethoxymethylene-5-oxazolone
(SY) styryl ox
(SY) styryloxazolone
(HM) *OXAZOLONE/analogs

styryl ox see 2-styryl-4-ethoxymethylene-5-oxazolone

styryloxazolone see 2-styryl-4-ethoxymethylene-5-oxazolone

ST 1059 see ST-1059

ST-1059
(RN) 3600-87-1
(RR) 60407-53-6 (HCl)
(SY) 1-(2',5'-dimethoxyphenyl)aminoethanol
(SY) ST 1059
(HM) *MIDODRIN/analogs
(PA) ADRENERGIC ALPHA RECEPTOR AGONISTS
(NO) metabolite of midodrine (ST-1085); RN given refers to parent cpd

ST-1396 see celiprolol

ST1396 see celiprolol

ST 1435 see ST-1435

ST-1435
(RN) 7759-35-5
(SY)
16-methylene-17alpha-acetoxy-19-nor-4-pregnen-3,20-dione
(SY) ST 1435
(HM) *NORPROGESTERONES
(II) CONTRACEPTIVE AGENTS, FEMALE

St 1913
(RN) 52115-81-8
(RR) 76030-32-5 (mono-HCl)
(SY) St-1913
(HM) CLONIDINE/*analogs
(PA) ADRENERGIC ALPHA RECEPTOR AGONISTS
(PA) ANTIHYPERTENSIVE AGENTS
(NO) methylene bridged clonidine analog; RN given refers to parent cpd

St-1913 see St 1913

St 1965
(RN) 53103-46-1
(SY) St-1965
(HM) CLONIDINE/*analogs
(PA) ADRENERGIC ALPHA RECEPTOR AGONISTS
(NO) hydroxybenzyl substituted clonidine derivative; structure given in first source

St-1965 see St 1965

ST-1966 see ST 1966

ST 1966
(SY) 2-(2,6-dichlorophenyloxy)-2-imidazoline
(SY) ST-1966
(HM) CLONIDINE/*analogs
(PA) ANTIHYPERTENSIVE AGENTS
(NO) structure given in UD

ST 1967
(RN) 76833-40-4
(RR) 54255-19-5 (HCl)
(SY) ST-1967
(SY) 1-((2,6-dichlorophenyl)thio)-4,5-dihydro-1H-imidazole
(HM) CLONIDINE/*analogs
(PA) ANTIHYPERTENSIVE AGENTS
(NO) RN given refers to parent cpd

ST-1967 see ST 1967

ST 21 see pivcephalexin

I-ST-2121 see ST-2121

ST 2121 see ST-2121

ST-2121
(RN) 72150-17-5
(SY)
1-1,4-dimethyl-10-hydroxy-2,3,4,5,6,7-hexahydro-1,6-methano-1H-4-benzazonine hydrobromide
(SY) I-ST-2121
(SY) ST 2121
(HM) *AZEPINES
(PA) ANALGESICS
(NO) structure in first source

ST-52 see fosfestrol

ST-567 see ST 567

ST 567
(RN) 33178-86-8
(SY) N-allylclonidine
(SY) alinidine
(SY) 2-(N-allyl-N-(2,6-dichlorophenyl)amino)-2-imidazoline
(SY) ST-567
(HM) CLONIDINE/*analogs
(PA) CARDIOVASCULAR AGENTS

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ST-587 see St 587

St 587
(P.N) 15327-38-5
(SY) 2-(2-chloro-5-trifluoromethylphenylimino) imidazolidine
(SY) ST-587
(HM) CLONIDINE/*analogs
(NO) clonidine derivative which is selective alpha(1)-adrenoceptor stimulator with lipophilic properties; structure in first source

ST 600 see flutonidin

ST 8005 see sulfametrole

ST-91 see ST 91

ST 91
(RN) 4751-48-8
(RR) 57165-55-6 (unspecified HCl)
(RR) 57165-56-7 (unspecified nitrate)
(RR) 4749-61-5 (mono-HCl)
(SY) 2-(2,6-diethylphenylamino)-2-imidazolidine
(SY) ST-91
(HM) CLONIDINE/*analogs
(PA) ADRENERGIC ALPHA RECEPTOR AGONISTS
(PA) PARASYMPATHOMIMETICS
(NO) RN given refers to parent cpd; structure

suacron see carazolol

Su-1 antibiotic see Su-2 complex

Su-2 antibiotic see Su-2 complex

Su-3 antibiotic see Su-2 complex

suanzaorentang
(HM) *PLANT EXTRACTS
(PA) ANXIOLYTIC AGENTS
(NO) combination of powders from Zizphus spinosus Hu, Poria cocos, Wolf, Ligusticum chuanxiong, Hort, Anemarrhena asphodeloides, and Glycrrhiza uralensis

subecholine
(RN) 3810-71-7
(SY) bis-(2-trimethylaminoethyl)suberate diiodide
(SY) suberyldicholine
(SY) corconium
(HM) CHOLINE/*analogs
(NO) dicholinic ester of suberic acid; structure

suberic acid
(RN) 505-48-6
(RR) 34284-36-1 (Cd[1:1] salt)
(RR) 52457-53-1 (di-K salt)
(RR) 17265-12-2 (di-Na salt)
(RR) 39167-67-4 (Mn(+2)[1:1] salt)
(RR) 27796-70-9 (mono-Na salt)
(HM) *DICARBOXYLIC ACIDS
(NO) used in plastics industry; inhibits activity of some enzymes; RN given refers to parent cpd; structure

suberyldicholine see subecholine

submandibular proteinase A see tissue kallikrein

subsalicylate bismuth see bismuth subsalicylate

substance P, alpha-biotinyl-Arg(1) -
(RN) 87468-58-4
(SY) alpha-biotinyl-Arg(1)-substance P
(SY) alpha-biotinyl-arginine(1)-substance P
(SY) ABASP
(HM) SUBSTANCE P/*analogs

substance P(3-11), alpha-biotinyl-Lys(3)-
(RN) 87468-57-3
(SY) alpha-biotinyl-Lys(3)-substance P(3-11)
(SY) alpha-biotinyl-lysine(3)-substance P(3-11)
(SY) ABLSP
(HM) SUBSTANCE P/*analogs

substance P (6-11), N(alpha)-(3-iododesaminotyrosyl)-
(SY) N(alpha)-(3-iododesaminotyrosyl)-substance P (6-11)
(SY) IBH-substance P hexapeptide
(SY) SP(6-11)-IBH
(HM) SUBSTANCE P/*analogs
(HM) *PEPTIDE FRAGMENTS
(PA) SUBSTANCE P/antag

substance P, 2-aminoethyl-Met(11)-
(RN) 87081-44-5
(SY) 2-aminoethyl-Met(11)-substance P
(SY) 2-aminoethyl-methionyl(11)-substance P
(SY) SP-DAE
(HM) SUBSTANCE P/*analogs

substance P analog(eledoisin related peptide)
(SY) eledoisin related peptide
(HM) ELEDOISIN/*analogs

substance P(5-11), arginyl(5)-tryptophyl(7,9)- norleucyl(11)- see substance P(5-11), Arg(5)-Trp(7,9)-Nle(11)-

substance P(5-11), arginyl(5)-tryptophyl(7,9)- see substance P(5-11), Arg(5)-Trp(7,9)-

substance P, Arg(1)-Pro(2)-Trp(7),(9)-LeuNH(2)(11)-
(RN) 84676-91-5
(SY) D-Arg(1)-D-Pro(2)-D-Trp(7),(9)-LeuNH(2)(11)-substance P
(SY) argininyl(1)-prolyl(2)-tryptophanyl(7),(9)-leucinamide(11)-substance P
(SY) APTLSP
(HM) SUBSTANCE P/*analogs
(PA) SUBSTANCE P/antag
(NO) MH SUBSTANCE P contains L-Arg(1), L-Pro(2)

substance P, Arg(1)-Trp(7,9)-Leu(11)- see spantide

substance P, Arg(1)-Trp(7),(9)-Leu(12)-
(SY) D-Arg(1)-Trp(7),(9)-Leu(12)-substance P
(SY) arginyl(1)-tryptophanyl(7),(9)-leucyl(12)-substance P
(SY) ATLSP
(HM) SUBSTANCE P/*analogs
(PA) SUBSTANCE P/antag

substance P(5-11), Arg(5)-Trp(7,9)-Nle(11)-
(RN) 91234-81-0
(SY) substance P(5-11), arginyl(5)-tryptophyl(7,9)-norleucyl(11)-
(SY) Arg(5)-Trp(7,9)-Nle(11)-SP(5-11)
(SY) SP(5-11)ATTN
(SY) 5-arginyl-7,9-tryptophyl-11-norleucyl-substance P(5-11)
(HM) SUBSTANCE P/*analogs
(HM) *PEPTIDE FRAGMENTS
(NO) RN given refers to all (L)-(D)-Trp-isomer; RN for cpd without isomeric designation not in Chemline 10/85

substance P(5-11), Arg(5)-Trp(7,9)-
(RN) 85077-79-8
(SY) substance P(5-11), arginyl(5)-tryptophyl(7,9)-
(SY) Arg(5)-Trp(7,9)-substance P(5-11)
(SY) 5-arginyl-7,9-tryptophyl-substance P(5-11)
(SY) SP(5-11)-ATT
(HM) SUBSTANCE P/*analogs
(HM) *PEPTIDE FRAGMENTS
(NO) RN given refers to L-Met-L-Arg-L-Gln-D-Trp-L-Phe-D-Trp-L-Leu-isomer; RN for cpd without isomeric designation not in Chemline 1/85

substance P, de-Arg(1)-des-Pro(2)-des-Lys(3)-des-Pro(4)-
(RN) 51165-09-4
(RR) 51176-43-3 (unspecified trifluoroacetate)
(RR) 51165-10-7 (monotrifluoroacetate)
(SY) SPCTHP
(SY) des-Arg(1)-des-Pro(2)-des-Lys(3)-des-Pro(4)-SP
(SY) substance P(5-11)
(SY) 1-dearginyl-2-deprolyl-3-delysyl-4-deproline-substance P
(SY) substance P C-terminal heptapeptide
(HM) *SUBSTANCE P
(HM) *PEPTIDE FRAGMENTS
(NO) RN given refers to parent cpd

substance P degrading enzyme
(RN) EC 3.4.24.-
(SY) SPD enzyme
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) neutral metallo-endopeptidase from human brain

substance P, des-Arg(1)-des-Pro(2)-des-Lys(3)-des-Pro(4)-des-Gln(5)-
(RN) 51165-07-2
(SY) SP(6-11)
(SY) des-Arg(1)-des-Pro(2)-des-Lys(3)-des-Pro(4)-des-Gln(5)-SP
(SY) pGlu SPH
(SY) 1-dearginyl-2-deprolyl-3-delysyl-4-deprolyl-5-deglutamine-substance P
(SY) substance P hexapeptide
(SY) substance P(6-11)
(HM) *SUBSTANCE P
(HM) *PEPTIDE FRAGMENTS
(PA) ANALGESICS
(NO) C-terminal hexapeptide of substance P

substance P, des-Arg(1)-des-Pro(2)-des-Lys(3)-
(RN) 53749-60-3
(SY) substance P(4-11)
(SY) SP(4-11)
(SY) des-Arg(1)-des-Pro(2)-des-Lys(3)-SP
(SY) 1-dearginyl-2-deprolyl-3-delysine-substance P
(SY) substance P octapeptide
(HM) *SUBSTANCE P
(HM) *PEPTIDE FRAGMENTS

substance P, des-Arg(1)-des-Pro(2)- see substance P(3-11)

substance P, epsilon-biotinyl-Lys(3)-
(RN) 87468-59-5
(SY) epsilon-butinyl-Lys(3)-substance P
(SY) epsilon-biotinyl-lysine(3)-substance P
(SY) EBLSP
(HM) SUBSTANCE P/*analogs

substance P, glycine(12)- see substance P, Gly(12)-

substance P, Gly(12)-Lys(13)-
(SY) Gly(12)-Lys(13)-substance P
(SY) glycyl(12)-lysine(13)-substance P
(SY) glycyl(12)-lysyl(13)-substance P
(HM) SUBSTANCE P/*analogs

substance P, Gly(12)-
(SY) Gly(12)-substance P
(SY) substance P, glycine(12)-
(SY) glycyl(12)-substance P
(HM) SUBSTANCE P/*analogs

substance P hexapeptide see substance P, des-Arg(1)-des-Pro(2)-des-Lys(3)-des-Pro (4)-des-Gln(5)-

substance P, iodo-Tyr(8)-
(SY) I(125)-Tyr(8)-substance P
(SY) iodo-tyrosyl(8)-substance P
(SY) I(125)-Tyr(8)-SP
(HM) SUBSTANCE P/*analogs
(NO) tracer for studies of substance P binding to its receptors

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substance K
(RN) 88507-24-8
(RR) 86933-74-6 (duplicate RN)
(SY) substance K10
(SY) substance K11
(SY) substance K8
(SY) neurokinin alpha
(HM) *NERVE TISSUE PROTEINS
(NO) mammalian tachykinin; different from substance P; have common terminal sequence Thr-Asp-Ser-Phe-Val-Gly-Leu-Met-NH2

substance K10 see substance K

substance K11 see substance K

substance K8 see substance K

substance P-like peptides
(HM) *PEPTIDES
(II) SLOW-REACTING SUBSTANCES

substance P, methyl ester-
(RN) 76260-78-1
(SY) methyl ester-SP
(SY) methyl ester-substance P
(HM) SUBSTANCE P/*analogs
(NO) COOH-terminal amide of substance P replaced with methyl ester

substance P, NleNH(2)(11)-
(RN) 57462-42-7
(SY) (Nle(11))-SP
(SY) NleNH(2)(11)-SP
(SY) 11-norleucinamide-substance P
(HM) SUBSTANCE P/*analogs
(NO) (3)H-(Nle(11))-SP used as tracer for determining substance P degradation by rat brain fractions

substance P octapeptide see substance P, des-Arg(1)-des-Pro(2)-des-Lys(3)-

substance P(5-11), pGlu(5)-MePhe(8)-MeGly(9)-
(RN) 77128-69-9
(SY) DiMe-C7
(SY) pGlu(5)-MePhe(8)-MeGly(9)-SP(5-11)
(SY) 5-pyroglutamyl-8-methylphenylalanyl-9-methylglycine-substance P(5-11)
(HM) SUBSTANCE P/*analogs

substance P, pGlu(5)-MePhe(8)-Sar(9)-
(SY) substance P, 5-pyroglutamyl-8-methylphenylalanyl-9-sarcosine -
(SY) p(Glu(5)-MePhe(8)-Sar(9)-substance P
(SY) 5-pyroglutamyl-8-methylphenylalanyl-9-sarcosine-substance P
(SY) GMPS-SP
(HM) SUBSTANCE P/*analogs

Substance P(6-11), pGlu(6)-
(RN) 61123-13-5
(SY) hexapeptide (pGlu(6))SP(6-11)
(SY) pGlu(6)-substance P(6-11)
(SY) 5-oxo-Pro-Phe-Phe-Gly-Leu-Met-amide
(SY) substance P, C-terminal pentapeptide
(SY) (pGlu(6))SP(6-11)
(SY) pyroglutamyl substance P(7-11)
(HM) *OLIGOPEPTIDES
(II) SUBSTANCE P
(NO) pyroglutamic acid deriv of the C-terminal of Substance P

substance P, 5-phenylalanyl-7,9-tryptophanyl-11- leucine- see substance P, Phe(5)-Trp (7,9)-Leu(11)-

substance P, Phe(5)-Trp (7,9)-Leu(11)-
(SY) Phe(5)-Trp(7,9)-Leu(11)-substance P
(SY) substance P, 5-phenylalanyl-7,9-tryptophanyl-11-leucine-
(SY) 5-phenylalanyl-7,9-tryptophanyl-11-leucine-substance P
(SY) substance P-PTTL
(HM) SUBSTANCE P/*analogs
(PA) SUBSTANCE P/antag

substance P(4-11), prolyl(4)-naphthylalanyl(7,9)-phenylalanine(11)- see substance P(4-11), Pro(4)-Npa(7,9)-Phe(11)-

substance P, prolyl(2)-phenylalanyl(7)-tryptophan(9)- see substance P, Pro(2)-Phe(7)-Trp(9)-

substance P(4-11), prolyl(4)-tryptophanyl(7,9)- norleucyl(11)- see substance P(4-11), Pro(4)-Trp(7,9)-Nle(11)-

substance P(4-11), prolyl(4)-tryptophanyl(7,9)- see substance P(4-11), Pro(4)-Trp(7,9)-

substance P(4-11), prolyl(4)-tryptophanyl(7,9,10)- see substance P(4-11), Pro(4)-Trp(7,9,10)-

substance P(4-11), prolyl(4)-valyl(8)-tryptophanyl(7, 9,10)- see substance P(4-11), Pro(4)-Val(8)-Trp(7,9,10)-

substance P(4-11), Pro(4)-Npa(7,9)-Phe (11)-
(SY) Pro(4)-Npa(7,9)-Phe(11)-substance P(4-11)
(SY) substance P(4-11), prolyl(4)-naphthylalanyl(7,9)-phenylalanine(11)-
(SY) prolyl(4)-naphthylalanyl(7,9)-phenylalanine(11)-substance P(4-11)
(SY) PNPSP
(HM) SUBSTANCE P/*analogs
(HM) *PEPTIDE FRAGMENTS
(NO) Npa is an unnatural amino acid isosteric with tryptophan, but more lipophilic & resistant to oxidation

substance P, Pro(2)-Phe(7)-Trp(9)-
(RN) 77275-70-8
(SY) Pro(2)-Phe(7)-Trp(9)-substance P
(SY) 2-prolyl-7-phenylalanyl-9-tryptophan-substance P
(SY) 2,7,9-PPT-SP
(SY) substance P, prolyl(2)-phenylalanyl(7)-tryptophan(9)-
(HM) SUBSTANCE P/*analogs
(PA) SUBSTANCE P/antag
(NO) RN given refers to all (D)-isomer; RN for cpd without isomeric designation not in Chemline 8/84

substance P(4-11), Pro(4)-Trp(7,9)-Nle (11)-
(RN) 89430-34-2
(SY) Pro(4)-Trp(7,9)-Nle(11)-substance P(4-11)
(SY) substance P(4-11), prolyl(4)-tryptophanyl(7,9)-norleucyl(11)-
(SY) prolyl(4)-tryptophanyl(7,9)-norleucyl(11)-substance P(4-11)
(SY) PTTNL-SP(4-11)
(HM) SUBSTANCE P/*analogs
(HM) *PEPTIDE FRAGMENTS

substance P(4-11), Pro(4)-Trp(7,9)-
(RN) 81039-85-2
(SY) Pro(4)-Trp(7,9)-substance P(4-11)
(SY) substance P(4-11), prolyl(4)-tryptophanyl(7,9)-
(SY) prolyl(4)-tryptophanyl(7,9)-substance P(4-11)
(SY) PTT-SP(4-11)
(HM) SUBSTANCE P/*analogs
(HM) *PEPTIDE FRAGMENTS
(PA) SUBSTANCE P/antag
(NO) RN given refers to (D-Pro,D-Trp)-(L-Met,L-Gln,L-Phe,L-Leu)-isomers; RN for cpd without isomeric designation not in Chemline 7/85

substance P(4-11), Pro(4)-Trp(7,9,10)-
(RN) 83334-92-3
(RR) 87026-41-3
(D-prolyl-D-tryptophyl-D-tryptophyl-isomer)
(RR) 86917-57-9
(D-prolyl-D-tryptophyl-D-tryptophyl-D-tryptophyl-isomer)
(SY) Pro(4)-Trp(7,9,10)-substance P(4-11)
(SY) substance P(4-11), prolyl(4)-tryptophanyl(7,9,10)-
(SY) PTTT-SP(4-11)
(SY) prolyl(4)-tryptophanyl(7,9,10)-substance P(4-11)
(HM) SUBSTANCE P/*analogs
(HM) *PEPTIDE FRAGMENTS
(NO) tachykinin antagonist; RN given refers to all L-isomer; RN for cpd without isomeric designation not in Chemline 3/84

substance P, Pro(2)-Trp(7)-Trp(9)-
(RN) 80434-86-2
(SY) PTTSP
(SY) Pro(2)-Trp(7,9)-substance P
(SY) Pro(2)-Trp(7,9)-SP
(SY) 2-prolyl-7-tryptophanyl-9-tryptophan-substance P
(SY) DT 79
(SY) DT79
(SY) DT-79
(HM) SUBSTANCE P/*analogs
(PA) SUBSTANCE P/antag

substance P(4-11), Pro(4)-Val(8)-Trp(7,9, 10)-
(RN) 86917-56-8
(SY) Pro(4)-Val(8)-Trp(7,9,10)-substance P(4-11)
(SY) substance P(4-11), prolyl(4)-valyl(8)-tryptophanyl(7,9,10)-
(SY) prolyl(4)-valyl(8)-tryptophanyl(7,9,10)- substance P
(SY) PVT-SP(4-11)
(HM) SUBSTANCE P/*analogs
(HM) *PEPTIDE FRAGMENTS
(NO) tachykinin antagonist

substance P-PTTL see substance P, Phe(5)-Trp (7,9)-Leu(11)-

substance P, 5-pyroglutamyl-8-methylphenylalanyl-9-sarcosine - see substance P, pGlu(5)-MePhe(8)-Sar(9)-

substance P(1-4)
(RN) 69355-89-1
(SY) SP(1-4)
(SY) arginyl-prolyl-lysyl-prolinamide
(HM) *OLIGOPEPTIDES
(II) SUBSTANCE P
(NO) N-terminal tetrapeptide fragment of substance P

substance P(1-7)
(RN) 72226-88-1
(SY) SP(1-7)
(HM) *SUBSTANCE P
(HM) *PEPTIDE FRAGMENTS

substance P(3-11)
(RN) 51165-11-8
(RR) 51165-12-9 (diacetate)
(SY) SP(3-11)
(SY) substance P, des-Arg(1)-des-Pro(2)-
(SY) des-Arg(1)-des-Pro(2)-substance P
(SY) 1-dearginyl-2-deprolyl-substance P
(HM) *SUBSTANCE P
(HM) *PEPTIDE FRAGMENTS

substance P(4-11) see substance P, des-Arg(1)-des-Pro(2)-des-Lys(3)-

substance P(5-11) see substance P, de-Arg(1)-des-Pro(2)-des-Lys(3)-des-Pro (4)-

substance P(6-11) see substance P, des-Arg(1)-des-Pro(2)-des-Lys(3)-des-Pro (4)-des-Gln(5)-

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substance K receptor
(SY) substance K receptors
(SY) receptor, substance K
(HM) *SYNAPTIC RECEPTORS
(NO) specific tachykinin receptor; see also general term tachykinin receptor

substance P receptor
(SY) substance P receptors
(SY) receptor, substance P
(SY) SP receptor
(HM) *SYNAPTIC RECEPTORS
(NO) specific tachykinin receptor; see also record for general term tachykinin receptor

substance K receptors see substance K receptor

substance P receptors see substance P receptor

substance P C-terminal heptapeptide see substance P, de-Arg(1)-des-Pro(2)-des-Lys(3)-des-Pro (4)-

substance P, C-terminal pentapeptide see Substance P(6-11), pGlu(6)-

substance P, Trp(9)-
(SY) PPT-SP
(SY) Trp(9)-SP
(SY) 9-tryptophan-substance P
(HM) SUBSTANCE P/*analogs
(NO) specific substance P antagonist

substance P, Tyr(1)-Nle(11)-
(RN) 86227-34-1
(SY) Tyr(1)-Nle(11)-substance P
(SY) substance P, tyrosyl(1)-norleucyl(11)-
(SY) tyrosyl(1)-norleucyl(11)-substance P
(HM) SUBSTANCE P/*analogs
(HM) *PEPTIDE FRAGMENTS
(NO) RN given refers to all (L)-isomer; RN for cpd without isomeric designation not in Chemline 9/84

substance P, tyrosyl(1)-norleucyl(11)- see substance P, Tyr(1)-Nle(11)-

N-substituted glucosamine 3-O-sulphatase see N-sulfoglucosamine-3-sulfatase

substrate TH-1 see cyclohexylglycyl-alanyl-arginine-4-nitroanilide

subtilin
(RN) 1393-38-0
(HM) PEPTIDES, CYCLIC
(PA) ANTIBIOTICS
(NO) peptide produced by Bacillus subtilis; structure

subtilisin inhibitor see Streptomyces subtilisin inhibitor

Suc-Ala-Ala-Ala-p-nitroanilide see succinyl-trialanine-4-nitroanilide

Suc-Ala-Ala-Pro-Phe-4-NA see succinyl-alanyl-alanyl-prolyl-phenylalanine-4- nitroanilide

Suc-Ala-Ala-Pro-Val-chloromethyl ketone see succinyl-alanyl-alanyl-prolyl-valine chloromethyl ketone

suc-ALA(3)-Nan hydrolase see succinyltrialanine p-nitroanilide hydrolase

Suc-Ala(3)-Nan see succinyl-trialanine-4-nitroanilide

Suc-Ala(3)-NA see succinyl-trialanine-4-nitroanilide

sucaryl see cyclamic acid

succinamidopropyl-glass
(SY) glass-succinamidopropyl
(HM) *GLASS
(HM) *SUCCINATES
(NO) covalent immobilization matrix; structure given in first source

succinamopine
(RN) 88194-24-5
(HM) *AMINO ACIDS
(NO) crown gall opine, host plant metabolite incited by Agrobacterium; structure given in first source

1-succinamoyl-5-valyl-8-phenylglycine angiote in II see arfalasin

succinate see succinic acid

Succinate coenzyme Q reductase see succinate dehydrogenase-coenzyme Q reductase

succinate dehydrogenase-coenzyme Q reductase
(SY) complex II
(SY) Succinate coenzyme Q reductase
(SY) succinate ubiquinone oxidoreductase
(SY) succinate-ubiquinone reductase
(SY) succinic-ubiquinone reductase
(SY) QPs
(HM) *SUCCINATE DEHYDROGENASE
(HM) *OXIDOREDUCTASES
(HM) *MULTIENZYME COMPLEXES

succinate-ferricyanide oxidoreductase
(RN) EC 1.3.99.-
(SY) Su-Fe oxidoreductase
(HM) *SUCCINATE DEHYDROGENASE

succinate oxidase
(RN) EC 1.-
(SY) succinoxidase
(HM) *OXIDOREDUCTASES
(NO) not the same as succinate dehydrogenase; involved in electron transport with succinate as substrate

succinate-semialdehyde dehydrogenase
(RN) EC 1.2.1.24
(RR) 9028-95-9 (CRN)
(HM) *ALDEHYDE OXIDOREDUCTASES

succinate-semialdehyde dehydrogenase (NAD(P)+)
(RN) EC 1.2.1.16
(RR) 37250-88-7 (CRN)
(HM) *ALDEHYDE OXIDOREDUCTASES

succinate semialdehyde reductase
(RN) EC 1.1.1.-
(HM) *HYDROXYBUTYRATE DEHYDROGENASE
(NO) NADP dependent

succinate-sodium-carrier see sodium-succinate-cotransporter

succinate ubiquinone oxidoreductase see succinate dehydrogenase-coenzyme Q reductase

succinate-ubiquinone reductase see succinate dehydrogenase-coenzyme Q reductase

succindialdehyde
(RN) 638-37-9
(SY) butanedial
(HM) *ALDEHYDES

succinic acid
(RN) 110-15-6
(SY) succinate
(SY) sodium succinate
(SY) potassium succinate
(SY) ammonium succinate
(HM) *SUCCINATES

succinic acid-bis-(adamantyldimethylammonium) ethyl ester see diadonium

succinic acid, 2,2-dimethyl hydrazide see daminozide

succinic acid monomethyl ester see monomethyl succinate

succinic anhydride
(RN) 108-30-5
(HM) *SUCCINIC ANHYDRIDES

succinic semialdehyde
(RN) 692-29-5
(RR) 6860-14-6 (Ca salt)
(SY) gamma-oxybutyric acid
(HM) GABA/*analogs
(NO) structure

succinic semialdehyde dehydrogenase see 4-hydroxybutyrate dehydrogenase

succinic semialdehyde reductase see 4-hydroxybutyrate dehydrogenase

succinic-ubiquinone reductase see succinate dehydrogenase-coenzyme Q reductase

N-succinilimidyl 3-(2-pyridylthio)propionate see N-succinimidyl 3-(2-pyridyldithio)propionate

succinimide
(RN) 123-56-8
(RR) 37912-62-2 (Na salt)
(RR) 68527-59-3 (Au-K salt)
(RR) 67893-50-9 (Ag-K salt)
(RR) 55047-82-0 (Ag salt)
(RR) 52523-57-6 (Hg salt)
(RR) 52009-20-8 (Ca salt)
(RR) 584-43-0 (Hg(+2) salt)
(SY) 2,5-diketopyrrolidine
(HM) *SUCCINIMIDES
(NO) RN given refers to parent cpd

succinimido-6-N-(4-azidobenzoyl) aminohexanoate
(RN) 85287-37-2
(SY) SAZBAH
(HM) *AZIDES
(II) CROSS-LINKING REAGENTS
(NO) heterobifunctional reagent; structure given in first source

succinimido-6-mercapto-S-(4-azidothiophenyl)hexanoate
(RN) 85287-40-7
(SY) SMAZTH
(HM) *AZIDES
(II) CROSS-LINKING REAGENTS
(NO) heterobifunctional reagent; structure given in first source

N-succinimidyl-6-(4'-azido-2'-nitrophenylamino)hexanoate
(RN) 64309-05-3
(SY) 6-SANH
(HM) *AZIDES
(II) CROSS-LINKING REAGENTS

succinimidyl(4-azidophenyldithio)propionate see 3-((4-azidophenyl)dithio)propionic N- hydroxysuccinimide

N-succinimidyl-7-dimethylaminocoumarin-4- acetate
(SY) NSDCA
(HM) *COUMARINS
(II) FLUORESCENT DYES

N-succinimidyl 3-(3-hydroxy-5-iodophenyl) propionate
(SY) BH-reagent
(HM) *PHENYLPROPIONATES
(II) IODINE RADIOISOTOPES

N-succinimidyl-3-(4-hydroxyphenyl) propionate
(RN) 34071-95-9
(SY) HPPS
(SY) 3-(4-hydroxyphenyl)propionic acid N-hydroxysuccinimide ester
(HM) *SUCCINIMIDES
(II) INDICATORS AND REAGENTS
(NO) acylates free amino groups on proteins

succinimidyl 4-(4-maleimidophenyl) butyrate
(RN) 79886-55-8
(SY) SMPB
(HM) *SUCCINIMIDES
(II) CROSS-LINKING REAGENTS
(NO) structure given in first source

N-succinimidyl-meta-(2-nitrovinyl)benzoate see N-succinimidyl-3-(2-nitrovinyl)benzoate

succinimidyl 2-naphthoxyacetate
(RN) 81012-92-2
(HM) *SUCCINIMIDES
(II) FLUORESCENT DYES

N-succinimidyl-3-(2-nitrovinyl)benzoate
(SY) S3NVB
(SY) N-succinimidyl-meta-(2-nitrovinyl)benzoate
(HM) *SUCCINIMIDES
(II) CROSS-LINKING REAGENTS
(NO) structure given in first source

N-succinimidyl-4-(2-nitrovinyl)benzoate
(SY) S4NVB
(SY) N-succinimidyl-para-(2-nitrovinyl)benzoate
(HM) *SUCCINIMIDES
(II) CROSS-LINKING REAGENTS
(NO) structure given in first source

N-succinimidyl-para-(2-nitrovinyl)benzoate see N-succinimidyl-4-(2-nitrovinyl)benzoate

N-succinimidyl propionate
(RN) 30364-55-7
(HM) *PROPIONATES

N-succinimidyl 3-(2-pyridyldithio) propionate
(RN) 68181-17-9
(SY) SIPDTP
(SY) N-succinilimidyl 3-(2-pyridylthio)propionate
(SY) SPDP
(HM) *SUCCINIMIDES
(II) CROSS-LINKING REAGENTS
(NO) heterobifunctional reagent

4-succinimidyl-2,2,6,6-tetramethylpiperidine-N-oxide
(SY) 4-TES
(HM) *CYCLIC N-OXIDES
(PA) RADIATION SENSITIZING AGENTS
(II) SPIN LABELS
(NO) structure given in first source

succinonitrile
(RN) 110-61-2
(HM) *NITRILES
(NO) structure

succinoxidase see succinate oxidase

succinylacetoacetate
(RN) 65115-74-4
(SY) succinyl-acetoacetate
(HM) *ACETOACETATES

succinyl-acetoacetate see succinylacetoacetate

succinylacetone
(RN) 51568-18-4
(SY) 4,6-dioxoheptanoic acid
(HM) *HEPTANOATES
(NO) inhibitor of heme biosynthesis

succinyladenosine
(RN) 4542-23-8
(HM) ADENOSINE/*analogs
(NO) found in body fluids of children with severe psychomotor delay & autism; RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 12/84

2-O'-succinyladenosine 3',5'-cyclic monophosphate tyrosine methyl ester see succinyl cyclic AMP-tyrosine methyl ester

succinyladenosine 3',5'-cyclic monophosphate
(RN) 36940-87-1
(SY) 2'-O-succinyl cyclic AMP
(HM) ADENOSINE CYCLIC MONOPHOSPHATE/*analogs

succinyl-alanyl-alanyl-alanine-p-nitroanilide see succinyl-trialanine-4-nitroanilide

succinyl-L-alanyl-alanyl-alanyl 4-nitroanilide protease see succinyltrialanine p-nitroanilide hydrolase

succinyl-alanyl-alanyl-prolyl-phenylalanine-4-nitroanilide
(SY) Suc-Ala-Ala-Pro-Phe-4-NA
(SY) SAAPPNA
(HM) *OLIGOPEPTIDES
(II) CHROMOGENIC COMPOUNDS
(NO) chromogenic chymotrypsin substrate

succinyl-alanyl-alanyl-prolyl-valine chloromethyl ketone
(RN) 65144-33-4
(SY) SAAPVC
(SY) Suc-Ala-Ala-Pro-Val-chloromethyl ketone
(HM) *AMINO ACID CHLOROMETHYL KETONES
(PA) ELASTASE/antag

succinylalbumin
(SY) succinyl albumin
(HM) *ALBUMINS

succinyl albumin see succinylalbumin

succinylaminoimidazole carboxamide riboside
(SY) SAICR
(HM) *AMINOIMIDAZOLE CARBOXAMIDE/analogs
(HM) *RIBONUCLEOSIDES
(NO) found in body fluids of children with sever psychomotor delay & autism

N-succinyl-4-amino-2,2,6,6-tetramethylpiperidine-1-oxyl
(RN) 81069-03-6
(SY) TES-NSFR
(HM) *CYCLIC N-OXIDES
(II) CONTRAST MEDIA
(II) FREE RADICALS
(NO) nitroxide stable free radical NMR contrast enhancing agent

succinylated concanavalin A see succinylconcanavalin A

succinylated glutaminase-asparaginase
(RN) EC 3.5.1.-
(SY) SU-GLN-ASP
(HM) *GLUTAMINASE
(HM) *ASPARAGINASE
(PA) ANTINEOPLASTIC AGENTS
(NO) from Acinetobacter glutaminasificans

o-succinylbenzoate-CoA synthetase see succinylbenzoyl-CoA synthetase

2-succinylbenzoate see o-succinylbenzoic acid

o-succinylbenzoic acid
(RN) 27415-09-4
(SY) 4-(2'-carboxyphenyl)-4-oxobutyric acid
(SY) 2-succinylbenzoate
(HM) *PHENYLBUTYRATES
(NO) structure

succinylbenzoyl-CoA synthetase
(RN) EC 6.2.1.-
(SY) OSB-Coa synthase
(SY) o-succinylbenzoate-CoA synthetase
(HM) *SUCCINYL COENZYME A SYNTHETASES

succinyl-CoA see succinyl-coenzyme A

succinyl CoA see succinyl-coenzyme A

succinyl CoA-acetoacetate CoA transferase see 3-ketoacid CoA-transferase

succinyl-CoA-dihydrolipoate-S-succinyltransferase see dihydrolipoamide succinyltransferase

succinyl-CoA-3-keto-acid Co-A transferase see 3-ketoacid CoA-transferase

succinyl-CoA-tetrahydrodipicolinate N-succinyltransferase
(RN) EC 2.3.1.-
(SY) tetrahydrodipicolinate succinylase
(SY) tetrahydrodipicolinate N-succinyltransferase
(HM) *ACYLTRANSFERASES
(NO) catalyzes formation of CoA & N-succinyl-2-amino-6-keto-1 pimelate from succinyl-CoA & tetrahydrodipicolinate

succinyl coenzyme A see succinyl-coenzyme A

succinyl-coenzyme A
(RN) 604-98-8
(SY) succinyl CoA
(SY) succinyl coenzyme A
(SY) coenzyme A, succinyl-
(SY) succinyl-CoA
(HM) *ACYL COENZYME A

succinyl-ConA see succinylconcanavalin A

succinylconcanavalin A
(RN) 55128-23-9
(SY) succinyl-concanavalin A
(SY) succinylated concanavalin A
(SY) succinyl-ConA
(HM) CONCANAVALIN A/*analogs

succinyl-concanavalin A see succinylconcanavalin A

succinyl cyclic AMP-tyrosine methyl ester
(SY) 2-O'-succinyladenosine 3',5'-cyclic monophosphate tyrosine methyl ester
(SY) SAMT-OMe
(HM) ADENOSINE CYCLIC MONOPHOSPHATE/*analogs
(HM) TYROSINE/*analogs

2'-O-succinyl cyclic AMP see succinyladenosine 3',5'-cyclic monophosphate

N-succinyldesferrioxamine B
(SY) N-SDFB
(HM) DEFEROXAMINE/*analogs
(II) CHELATING AGENTS
(NO) potential radiopharmaceutical labeled with 113mIn or 68Ga; structure given in first source

4-O-succinyl diginose
(RN) 86402-44-0
(SY) 4-o-succinyl-L-diginose
(HM) *HEXOSES
(NO) nitro sugar component of decilorubicin; structure in first source

4-o-succinyl-L-diginose see 4-O-succinyl diginose

N,N-(2,2'-(succinyldioxy)diethyl)bis(N-(2-adamantyl) dimethylammonium hydroxide) see diadonium

succinylestriol see estriol succinate

O-succinyl homoserine synthetase see homoserine succinyltransferase

O-succinylhomoserine (thiol)-lyase
(RN) EC 4.2.99.9
(RR) 9030-70-0 (CRN)
(SY) cystathionine gamma-synthase
(HM) *LYASES

succinyl-human gamma-globulin
(HM) *GAMMA GLOBULINS

succinyl lactate
(HM) *LACTATES
(HM) *SUCCINATES

succinyl-L-phenylalanine p-nitroanilide see Suphepa

succinylsulfathiazole
(RN) 116-43-8
(RR) 6101-17-3 (monohydrate)
(SY) 4'-(2-thiazolylsulfamoyl)succinanilic acid
(SY) sulfasuccithiazole
(HM) *SULFATHIAZOLES
(NO) intestinal antimicrobial agent; RN given refers to parent cpd; structure

succinyltrialanine p-nitroanilide hydrolase
(RN) EC 3.4.-
(SY) succinyl-trialanine-p-nitroanilide hydrolase
(SY) suc-ALA(3)-Nan hydrolase
(SY) succinyl-L-alanyl-alanyl-alanyl 4-nitroanilide protease
(HM) *PEPTIDE HYDROLASES

succinyl-trialanine-p-nitroanilide hydrolase see succinyltrialanine p-nitroanilide hydrolase

N-succinyl-L-trialanine p-nitroanilide see succinyl-trialanine-4-nitroanilide

succinyltrialanine-p-nitroanilide see succinyl-trialanine-4-nitroanilide

succinyl-trialanine-p-nitroanilide see succinyl-trialanine-4-nitroanilide

succinyl-trialanine-4-nitroanilide
(RN) 52299-14-6
(SY) N-succinyl-L-trialanine p-nitroanilide
(SY) Suc-Ala(3)-NA
(SY) Suc-Ala(3)-Nan
(SY) Suc-Ala-Ala-Ala-p-nitroanilide
(SY) succinyl-alanyl-alanyl-alanine-p-nitroanilide
(SY) succinyltrialanine-p-nitroanilide
(SY) succinyl-trialanine-p-nitroanilide
(HM) *OLIGOPEPTIDES
(NO) synthetic substrate of porcine pancreatic elastase

succinyl-tyrosyl-leucyl-valine-4-nitroanilide
(RN) 76402-49-8
(SY) STLVPNA
(SY) Suc-Tyr-Leu-Val-pNA
(SY) Suc-Tyr-Leu-Val-p-nitroanilide
(HM) *OLIGOPEPTIDES
(NO) substrate for spleen fibrinolytic proteinase

Su-2 complex
(RN) 66065-96-1
(SY) antibiotic Su-1
(SY) Su-1 antibiotic
(SY) Su-2 antibiotic
(SY) antibiotic Su-2
(SY) Su-3 antibiotic
(SY) antibiotic Su-3
(HM) *GENTAMICINS
(NO) from 2-deoxystreptamine idiotroph of Micromonospora sagamiensis

sucralfate see aluminum sucrose sulfate

sucrose acetate isobutyrate
(RN) 126-13-6
(HM) SUCROSE/*analogs
(II) FOOD ADDITIVES
(NO) flavor-suspending agent for soft drinks; RN in Chemline for sucrose acetate hexaisobutyrate: 27216-37-1

sucrose-1,3-alpha-D-glucan 3-alpha-D- glucosyltransferase see 1,3-alpha-D-glucan synthase

sucrose-1,6-alpha-D-glucan 6-alpha-glucosyltransferase see dextransucrase

sucrose distearate
(RN) 27195-16-0
(HM) SUCROSE/*analogs

sucrose-glucosyltransferase see sucrose phosphorylase

sucrose 6-glucosyltransferase see dextransucrase

sucrose laurate see sucrose monolaurate

sucrose-LDL see LDL-sucrose

sucrose monolaurate
(RN) 25339-99-5
(RR) 37266-93-6 (unspecified laurate)
(SY) L-1690
(SY) sucrose laurate
(HM) SUCROSE/*analogs
(NO) RN given refers to monolaurate

sucrose monopalmitate
(RN) 26446-38-8
(HM) SUCROSE/*analogs

sucrose octaacetate
(RN) 126-14-7
(RR) 27641-19-6 (((alpha-D)-fructofuranosyl)-isomer)
(SY) octaacetyl sucrose
(HM) SUCROSE/*analogs
(NO) bitter tasting cpd preferred by rats to quinine; RN given refers to ((beta-D)-fructofuranosyl)-isomer

sucrose-octapalmitate see sucrose polyester

sucrose phosphate
(RN) 27120-62-3
(RR) 29891-72-3 (di-K salt)
(RR) 36352-84-8 (Ca salt)
(SY) phosphate-buffered sucrose
(HM) *SUGAR PHOSPHATES
(NO) RN given refers to parent cpd

sucrose 6-phosphate hydrolase
(RN) EC 3.2.1.-
(HM) *GLYCOSIDE HYDROLASES
(NO) forms glucose 6-phosphate & fructose

sucrose-phosphate synthase
(RN) EC 2.4.1.14
(RR) 9030-06-2 (CRN)
(HM) *GLUCOSYLTRANSFERASES

sucrose phosphorylase
(RN) EC 2.4.1.7
(SY) sucrose-glucosyltransferase
(HM) *GLUCOSYLTRANSFERASES

sucrose polyester
(SY) sucrose-octapalmitate
(HM) SUCROSE/*analogs
(PA) HYPOCHOLESTEREMIC AGENTS
(NO) non-absorbable, non-digestable fat-like mixture of hexa-, hepta-, octaesters of sucrose with long chain fatty acids; proposed hypocholesteremic agent

sucrose sucrose 1-fructosyltransfertase see inulosucrase

sucrose synthase
(RN) EC 2.4.1.13
(RR) 9030-05-1 (CRN)
(SY) sucrose synthetase
(HM) *GLUCOSYLTRANSFERASES

sucrose synthetase see sucrose synthase

suctosilic acid
(RN) 57775-26-5
(SY) piperazine sultosylate
(SY) 5-tosyloxy-2-hydroxy-benzenesulfonate piperazine
(SY) A-585
(SY) A 585
(HM) *BENZENESULFONATES
(PA) ANTILIPEMIC AGENTS
(NO) RN given refers to parent cpd; structure given in first source

Suc-Tyr-Leu-Val-p-nitroanilide see succinyl-tyrosyl-leucyl-valine-4-nitroanilide

Suc-Tyr-Leu-Val-pNA see succinyl-tyrosyl-leucyl-valine-4-nitroanilide

Sudan Black B
(RN) 4197-25-5
(HM) *AZO COMPOUNDS
(II) DYES

sudan cholesteryl oleate
(HM) *AZO COMPOUNDS
(HM) *CHOLESTEROL ESTERS
(NO) photoprotective agent; prepared from Sudan III & cholesteryl oleate

Sudan I see 1-phenylazo-2-naphthol

sudan III
(RN) 85-86-9
(SY) D.C. Red No 17
(SY) Solvent Red 23
(SY) C.I. 26100
(SY) R-225
(HM) *AZO COMPOUNDS
(II) ALLERGENS
(II) STAINS AND STAINING
(NO) structure in first source

Sudan IV see Scarlet Red

sudan red
(RN) 3118-97-6
(HM) *AZO COMPOUNDS

SUDCA see sarcoursodeoxycholic acid

sufentanil see sulfentanil

sufentanyl see sulfentanil

Su-Fe oxidoreductase see succinate-ferricyanide oxidoreductase

Suffix see benzoylprop-ethyl

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sufosfamide
(RN) 37752-10-9
(SY) Asta 5122
(SY) cytimun
(SY) 3-(2-chloroethyl)-2-(2-mesyloxyethylamino) tetrahydro-2H-1,3,2-oxazaphosphorine 2-oxide
(HM) CYCLOPHOSPHAMIDE/*analogs
(PA) IMMUNOSUPPRESSIVE AGENTS
(PA) ANTINEOPLASTIC AGENTS
(NO) stronger immunosuppressive activity than cyclophosphamide; structure

sufoxazine
(RN) 62473-80-7
(SY) Y-8894
(SY) Y 8894
(HM) *MORPHOLINES
(PA) ANALEPTICS

sugar-induced HDL apolipoprotein peptides see apolipoprotein S-peptides

sugar-phosphatase
(RN) EC 3.1.3.23
(SY) sugar phosphate phosphohydrolase
(SY) hexose-6-phosphate phosphohydrolase
(HM) *PHOSPHOMONOESTERASES
(NO) acts on a wide range of hexosephosphates, pentosephosphates & oligosaccharidesphosphates

sugar phosphate phosphohydrolase see sugar-phosphatase

SU-GLN-ASP see succinylated glutaminase-asparaginase

sulbactam
(RN) 68373-14-8
(RR) 69388-84-7 (Na salt)
(SY) CP 45899
(SY) 3,3-dimethyl-7-oxo-4-thia-1-azabicyclo(3.2.0) heptane-2-carboxylic acid, 4,4-dioxide, (2S-(2 alpha,5 alpha))
(SY) penicillanic acid sulfone
(SY) CP-45,899
(HM) *PENICILLANIC ACIDS
(PA) BETA LACTAMASES/antag
(NO) RN given refers to (2S-cis)-isomer; RN for cpd without isomeric designation not in Chemline 7/83; structure in first source

Sulbuthiamine
(SY) S 5007
(SY) Sulbutiamin
(SY) bis(2-(isobutyryloxy)ethyl-1-N-((4-amino-2-methylpyrimidin-5-yl)methyl)formamide-2-propene-1-yl)disulfide
(SY) 2-isobutyrylthiamine disulfide
(HM) THIAMINE/*analogs
(PA) PSYCHOTROPIC DRUGS
(PA) ANTIDEPRESSIVE AGENTS
(PA) ANALGESICS
(NO) neurotropic agent which in animals improved learning ability & resistance to fatigue; structure in first source

Sulbutiamin see Sulbuthiamine

sulconazole
(RN) 61318-90-9
(RR) 82382-23-8 (unspecified nitrate)
(RR) 59293-82-2 (mononitrate)
(RR) 61318-91-0 (mono-nitrate(+-)-isomer)
(SY) sulconazole nitrate
(SY) 1-(beta-(4''-chlorobenzylthio)-2',4'-dichlorophenethyl)imidazole
(HM) *IMIDAZOLES
(PA) ANTIFUNGAL AGENTS
(NO) RN given refers to cpd with unspecified isomeric designation; structure given in first source

sulconazole nitrate see sulconazole

suldox see fansidar

sulfacarbamide see sulfanilylurea

sulfaclomide
(RN) 4015-18-3
(RR) 28002-60-0 (mono-Na salt)
(RR) 7565-11-9 (unspecified Na salt)
(SY) 5-chloro-2,4-dimethyl-6-sulfanilamidopyrimidine
(HM) *SULFANILAMIDES
(NO) RN given refers to parent cpd; structure

sulfacrylate
(HM) *ACRYLIC RESINS
(II) TISSUE ADHESIVES
(NO) no other info available 12/27/82

sulfacytine
(RN) 17784-12-2
(SY) N(1)-(1-ethyl-1,2-dihydro-2-oxo-4-pyrimidinyl) sulfanilamide
(HM) *SULFANILAMIDES
(PA) ANTI-INFECTIVE AGENTS
(NO) long acting antibacterial; minor descriptor (75-84); on-line & Index Medicus search SULFANILAMIDES (75-84)

sulfadiazine-trimethoprim mixture see Co-trimazine

sulfallate see CDEC

sulfamate see sulfamic acid

sulfamethomidine
(RN) 3772-76-7
(HM) *SULFANILAMIDES
(NO) structure given in first source

sulfametrol see sulfametrole

sulfametrole
(RN) 32909-92-5
(SY) N-(4-methoxy-1,2,5-thiadiazol-3-yl)sulfanilamide
(SY) ST 8005
(SY) sulfametrol
(HM) *SULFANILAMIDES

sulfamic acid
(RN) 5329-14-6
(RR) 66027-93-8 (In(+3) salt)
(RR) 18653-83-3 (Sn(+2) salt)
(RR) 13823-50-2 (mono-K salt)
(RR) 13770-91-7 (Mg[2:1] salt)
(RR) 13770-90-6 (Zn[2:1] salt)
(RR) 13770-89-3 ($Ni_{(+2)}$[2:1] salt)
(RR) 7773-06-0 (mono-NH_4 salt)
(SY) amidosulfonic acid
(SY) ammate
(SY) ammonium sulfamate
(SY) sulfamate
(HM) *SULFONIC ACIDS
(PA) HERBICIDES
(II) INDICATORS AND REAGENTS
(II) FLAME RETARDANTS
(NO) standard in alkalimetry; RN given refers to parent cpd; structure

sulfamidase see sulphoglucosamine sulphamidase

sulfamidochrysoidin see sulfamidochrysoidine

sulfamidochrysoidine
(RN) 103-12-8
(RR) 33445-35-1 (HCl)
(SY) Prontosil
(SY) 2',4'-diaminoazobenzene-4-sulfonamide
(SY) streptocide (Evans)
(SY) sulfamidochrysoidin
(HM) *p-AMINOAZOBENZENE/analogs
(NO) RN given refers to parent cpd; structure

sulfaminohexose
(HM) *HEXOSAMINES

4-sulfamoylbenzaldehyde
(RN) 3240-35-5
(HM) *BENZALDEHYDES
(II) INDICATORS AND REAGENTS
(NO) substrate of MAO A; for use, rate assay of MAO A & MAO B

sulfamoylbenzoic acid see carzenide

(2-sulfamoyl-6-benzothiazolyl)-2,2-dimethylpropionate see L 645151

5'-sulfamoyl-2-chloroadenosine see AT 265

2-sulfamoyl-4,4'-diaminodiphenyl sulfone see SDDS

3-sulfamoylmethyl-1,2-benzisoxazole see zonisamide

sulfan blue see patent blue violet

sulfanilamide
(RN) 63-74-1
(RR) 57755-14-3 (Cd salt)
(RR) 57755-13-2 (Zn salt)
(RR) 57755-12-1 (Ba salt)
(RR) 57755-11-0 (Sr salt)
(RR) 57755-09-6 (Mg salt)
(RR) 29281-81-0 (Li salt)
(RR) 24342-34-5 (Ag salt)
(RR) 20203-81-0 (monohydrate)
(RR) 10103-15-8 (Na salt)
(RR) 6101-31-1 (HCl)
(SY) 4-aminobenzenesulfonamide
(HM) *SULFANILAMIDES
(NO) RN given refers to parent cpd

sulfanilamide N-hydroxylase
(RN) EC 1.14.13.-
(HM) *HYDROXYLASES

6-sulfanilamidoindazole
(RN) 13744-68-8
(HM) *SULFANILAMIDES
(NO) induces acute arthritis & periarticular inflammation in rats

sulfanilic acid diazonium salt see diazobenzenesulfonic acid

4-sulfanilic acid
(RN) 121-57-3
(RR) 22484-64-6 (Zn[2:1] salt)
(SY) 4-aminobenzenesulfonic acid
(SY) para-aminobenzenesulfonic acid
(HM) *SULFANILIC ACIDS
(II) INDICATORS AND REAGENTS
(NO) minor descriptor (75-82); online search SULFANILIC ACIDS; Index Medicus search BENZENESULFONATES

sulfanilylsulfanilamide see disulfanilamide

sulfanilylurea
(RN) 547-44-4
(SY) sulfacarbamide
(SY) urosulfan
(HM) *SULFANILAMIDES
(PA) ANTI-INFECTIVE AGENTS
(NO) antimicrobial agent; structure

sulfanitran
(RN) 122-16-7
(SY) 4'-(4-nitrophenyl)sulfamoylacetanilide
(SY) acetyl-4-nitrophenylsulfanilamide
(HM) *SULFANILAMIDES
(PA) ANTIPROTOZOAL AGENTS
(NO) structure

sulfanol see dodecylbenzenesulfonic acid

sulfanol NP 1 see dodecylbenzenesulfonic acid

sulfaperine
(RN) 599-88-2
(SY) isosulfamerazine
(SY) sulfene
(HM) *SULFAMERAZINE
(II) ISOMERISM
(NO) structure

Sulfasan see dixanthogen

sulfasuccithiazole see succinylsulfathiazole

sulfate-binding protein
(HM) *CARRIER PROTEINS
(II) HYDROGEN BONDING
(II) SULFATES
(NO) from Salmonella typhimurium; bound solely by hydrogen bonds

sulfated bile acids
(HM) *BILE ACIDS AND SALTS

O-sulfated dermorphin see dermorphin, O-sulfated

sulfated gliptide see sulglicotide

sulfated glycolipids see sulfoglycolipids

sulfated glycoprotein R see sulfated glycoproteins

sulfated glycoproteins
(SY) sulfated glycoprotein (salivary)
(SY) sulfated glycoprotein R
(HM) *GLYCOPROTEINS
(II) SALIVARY PROTEINS
(II) NEOPLASM PROTEINS
(II) SYNAPTIC MEMBRANES
(II) NERVE TISSUE PROTEINS
(NO) widely distributed in animal tissues

sulfated glycoprotein (salivary) see sulfated glycoproteins

sulfated glycosaminoglycan see A73025

sulfated polygalacturonic acid see polygalacturonic acid

sulfated polysaccharides
(SY) polysaccharide sulfate
(SY) amylose sulfate
(HM) *POLYSACCHARIDES

3,3'-T2 sulfate see 3,3'-diiodothyronine-4-sulfate

sulfathiazole
(RN) 72-14-0
(RR) 144-74-1 (mono-Na salt)
(SY) norsulfazole
(SY) N(1)-2-thiazolylsulfanilamide
(HM) *SULFATHIAZOLES
(NO) antimicrobial; veterinary use against staphylococcal, streptococcal, pasteurella, and shigella infections; RN given refers to parent cpd; structure

sulfato-trans-(-)-1,2-diaminocyclohexaneplatinum(II) see 1,2-diaminocyclohexyl platinum sulfate

sulfato-1,2-diaminocyclohexane platinum see 1,2-diaminocyclohexyl platinum sulfate

sulfazecin
(RN) 77912-79-9
(RR) 77900-75-5 ((L-Ala)-(R)-isomer)
(SY) isosulfazecin
(HM) *MONOBACTAMS
(NO) beta-lactam antibiotic from Pseudomonas; RN given refers to (D-Ala)-(R)-isomer; RN for cpd without isomeric designation not in Chemline 7/84; structure given in first source

sulfenazone see sulphenazone

sulfene see sulfaperine

sulfentanil
(RN) 56030-54-7
(RR) 60561-17-3 (citrate[1:1])
(SY) R 30730
(SY) fentatienyl sulfentanyl
(SY) fentathienyl
(SY) sufentanil
(SY) sufentanyl
(SY) sulfentanil citrate
(HM) FENTANYL/*analogs
(PA) ANALGESICS, ADDICTIVE
(PA) ANALGESICS
(PA) ANESTHETICS
(NO) RN given refers to parent cpd; structure

sulfentanil citrate see sulfentanil

sulfhydryl-disulfide interchange enzyme see protein disulfide-isomerase

sulfhydryl oxidase
(RN) EC 1.8.3.-
(SY) sulphydryl oxidase
(SY) S-S cross-linking enzyme
(HM) *OXIDOREDUCTASES
(NO) 2RSH plus 02 gives RSSR plus hydrogen peroxide; substrate sulfhydryl compounds may be replaced by glutathione or other specific as appropriate

sulfhydryl protease see thiol proteinases

sulfinalol
(RN) 66264-77-5
(RR) 66264-78-6 (acetate)
(RR) 66302-73-6 (mesylate)
(RR) 66264-93-5 (phosphate)
(RR) 63251-39-8 (HCl)
(RR) 71928-39-7
(HCl((alphaR*(R*),3(R*))-(-))-isomer)
(RR) 71928-35-3
(HCl((alphaR*(R*),3(R*))-(+))-isomer)
(RR) 71928-38-6 (HCl((alphaR*(R*),3(S*))-(-))-isomer)
(RR) 71928-40-0 (HCl((alphaR*(S*),3(R*))-(-))-isomer)
(RR) 71928-36-4
(HCl((alphaR*(S*),3(R*))-(+))-isomer)
(RR) 71928-37-5 (HCl((alphaR*(S*),3(S*))-(-))-isomer)
(RR) 71928-34-2
((HCl((alphaR*(S*),3(S*))-(+))-isomer)
(RR) 71928-31-9 (acetate(alphaR*(R*),3(R*))-isomer)
(RR) 71928-29-5 (acetate(alphaR*(R*),3(S*))-isomer)
(RR) 71928-33-1 (acetate(alphaR*(S*),3(R*))-isomer)
(RR) 71928-27-3 (acetate(alphaR*(S*),3(S*))-isomer)
(SY) sulfinalol hydrochloride
(HM) *ETHANOLAMINES
(PA) ANTIHYPERTENSIVE AGENTS
(NO) RN given refers to parent cpd; structure in first source

sulfinalol hydrochloride see sulfinalol

sulfiram see monosulfiram

sulfite reductase (ferredoxin)
(RN) EC 1.8.7.1
(SY) ferredoxin sulfite reductase
(HM) *SULFITE REDUCTASES

sulfite reductase (NADPH)
(RN) EC 1.8.1.2
(SY) NADPH-sulfite reductase hemoprotein
(HM) *SULFITE REDUCTASES

sulfitocobalamin
(RN) 15671-27-9
(RR) 36005-30-8 (duplicate RN)
(SY) sulphitocobalamin
(SY) cobalaminsulfonic acid
(HM) *VITAMIN B 12

sulfix 6
(RN) 64156-52-1
(SY) sulfix-6
(HM) *METHYLMETHACRYLATES
(II) BONE CEMENTS
(NO) bone cement primarily composed of polymethylmethacrylate

sulfix-6 see sulfix 6

sulfmyoglobin
(SY) SMb G
(HM) MYOGLOBIN/*analogs
(NO) green heme protein suggested to contain S-modified iron chlorine prosthetic group

sulfoacetaldehyde
(RN) 32797-12-9
(HM) ACETALDEHYDE/*analogs
(NO) structure

sulfoacetaldehyde sulfo-lyase see sulphoacetaldehyde lyase

6-sulfoaminopenicillanic acid
(RN) 83670-99-9
(SY) FR 900318
(SY) FR-900318
(HM) *PENICILLANIC ACIDS
(PA) ANTIBIOTICS
(PA) BETA-LACTAMASES/antag
(NO) from Aspergillus candidus; structure given in first source

N-sulfo-2-aminotricarballylate
(RN) 86883-55-8
(SY) SATC
(HM) *TRICARBOXYLIC ACIDS
(NO) inhibitor of calcification; structure given in first source

sulfobetaines
(SY) N-alkyl-N,N-dimethyl-3-ammonio-1-propanesulfonates
(SY) Sulfobetaine 14
(HM) BETAINE/*analogs
(II) SURFACE-ACTIVE AGENTS

Sulfobetaine 14 see sulfobetaines

sulfobromophthalein-binding protein see bilirubin-binding protein

sulfobromophthalein binding protein see bilirubin-binding protein

sulfobromophthalein-glutathione conjugase
(RN) EC 2.5.1.-
(SY) bromsulphthalein-glutathione conjugating enzyme
(HM) *TRANSFERASES
(NO) similar to EC 2.5.1.14; non-microsomal enzyme involving transfer of the dye from plasma to hepatic parenchymal cells, cellular storage, enzymatic intracellular conjugation with reduced glutathione & rate limited excretion into the bile; activity of this enzyme is used to determine conjugating ability of the liver

sulfobromophthalein-glutathione conjugate
(RN) 52682-84-5
(SY) glutathione-sulfobromophthalein conjugate
(SY) BSP-SG
(HM) *SULFOBROMOPHTHALEIN
(HM) *GLUTATHIONE

sulfocamphocaine
(RN) 62683-42-5
(HM) *PROCAINE
(HM) CAMPHOR/*analogs
(HM) DRUG COMBINATIONS
(NO) cardiovascular agent; contains novocaine & sulfocamphoric acid

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sulfochloranthine
(RN) 55945-60-3
(SY) sulfochlorantine
(HM) *HYDANTOINS
(HM) *POLYPHOSPHATES
(HM) DRUG COMBINATIONS
(PA) ANTIFUNGAL AGENTS
(II) DISINFECTANTS
(NO) combination of dichlorodimethylhydantoin, dimethylhydantoin, sodium polyphosphate, sulfanol

sulfochlorantine see sulfochloranthine

S-sulfocysteine see S-sulphocysteine

S-sulfocysteine synthase
(RN) EC 4.-
(SY) cysteine synthase B
(HM) *LYASES
(NO) substrates are O-acetylserine & thiosulfate

3-sulfodeoxycholic acid
(RN) 67030-48-2
(SY) 3 alpha-sulfooxy-12 alpha-hydroxy-5 beta-cholan- 24-oic acid
(HM) DEOXYCHOLIC ACID/*analogs
(NO) RN given refers to (3alpha, 5beta, 12alpha)-isomer; RN for cpd without isomeric designation not in Chemline 5/85

sulfogalactoglycerolipid see sulfogalactolipids

sulfogalactolipids
(SY) sulfogalactosylglycerolipids
(SY) sulfogalactoglycerolipid
(HM) *GLYCOLIPIDS

3-sulfogalactopyranosyl ceramide see sulfogalactosylceramides

6-O-sulfogalactose sulfatase see galactose-6-sulfatase

sulfogalactosylalkylacylglycerol
(SY) 1-O-alkyl-2-O-acyl-3-O-beta-D-(3'-beta-sulfo) galactopyranosyl-sn-glycerol
(SY) SGG
(HM) *GLYCOLIPIDS

sulfogalactosylceramides
(SY) 3-sulfogalactopyranosyl ceramide
(HM) *GALACTOSYLCERAMIDES

sulfogalactosylglycerolipids see sulfogalactolipids

sulfoglucosamine sulfamidase see sulphoglucosamine sulphamidase

N-sulfoglucosamine-3-sulfatase
(RN) EC 3.1.6.15
(SY) N-substituted glucosamine 3-O-sulphatase
(HM) *SULFATASES
(NO) acts on N-acetylglucosamine-3-sulfate & N-sulfoglucosamine-3-sulfate

sulfoglycolipid P
(RN) 80701-96-8
(HM) *GLYCOSPHINGOLIPIDS
(NO) isolated & characterized; from rat kidney; GalNAc1-4Gal1-4GlcCer sulfated at the C3 hydroxyls of both galactose & N-acetylgalactosamine

sulfoglycolipids
(SY) sulfated glycolipids
(HM) *GLYCOLIPIDS
(II) SULFATIDES
(NO) includes sulfuric acid esters of glycolipids other than ceramides

sulfoglycolithocholic acid see sulfolithocholylglycine

sulfoglycopeptide see sulglicotide

sulfoglycoproteins
(HM) *GLYCOPROTEINS

sulfoglycosphingolipids
(SY) sulphatoglycosphingolipids
(HM) *GLYCOSPHINGOLIPIDS

sulfolane
(RN) 126-33-0
(HM) *THIOPHENES
(PA) CONVULSANTS

sulfolipid I
(RN) 53580-08-8
(SY) 2,3,6,6'-tetraacyl-alpha,alpha'-D-trehalose 2'-sulfate
(SY) 2-palmitoyl-3-phthioceranoyl-6,6'-bis hydroxyphthioceranoyl trehalose-2'-sulfate
(HM) *GLYCOLIPIDS
(NO) principal sulfolipid class of virulent human Mycobacterium tuberculosis strain H(37)Rv

sulfolipids
(SY) sulfonolipids
(HM) *LIPIDS

sulfolithocholic acid
(RN) 34669-57-3
(RR) 34669-59-5 (di-NH4 salt)
(RR) 64936-81-8 (di-Na salt)
(RR) 77012-59-0 ((3beta,5alpha)-isomer)
(SY) lithocholic acid sulfate
(HM) LITHOCHOLIC ACID/*analogs
(NO) RN given refers to (3alpha,5beta)-isomer; RN for cpd without isomeric designation not in Chemline 7/83

sulfolithocholylglycine
(RN) 15324-64-8
(SY) glycolithocholic acid sulfate
(SY) sulfoglycolithocholic acid
(SY) sulfolithoglycocholine
(HM) GLYCOCHOLIC ACID/*analogs

sulfolithoglycocholine see sulfolithocholylglycine

5-sulfo-8-mercaptoquinolinate platinum see platinum 5-sulfo-8-mercaptoquinoline

sulfometuron methyl
(RN) 74222-97-2
(SY) sulfometuron-methyl .
(HM) *SULFONYLUREA COMPOUNDS
(PA) HERBICIDES, UREA
(PA) ACETOLACTATE SYNTHASE/antag
(NO) structure given in first source

sulfometuron-methyl see sulfometuron methyl

sulfomucin
(SY) sulphomucin
(SY) sulphomucins
(SY) sulfomucins
(HM) *MUCINS
(NO) less sulfomucin in neoplastic than in non-neoplastic bile ducts determined by staining

sulfomucins see sulfomucin

5-sulfo-1-naphthoxyacetic acid N-hydroxysuccinimide ester
(RN) 88924-72-5
(SY) AEDNH
(HM) *NAPHTHALENEACETIC ACIDS
(II) HAPTENS
(NO) structure given in first source

S-sulfonated immunoglobulin see IgG, sulfonated

sulfonate-glutamic acid sulfonamide polystyrene
(SY) PSSO2Glu
(HM) *POLYSTYRENES
(PA) ANTICOAGULANTS
(NO) exhibits anticoagulant activity in plasma which is dependent upon nature & proportion of the substituents

sulfonol see dodecylbenzenesulfonic acid

sulfonolipids see sulfolipids

4,4'-sulfonylbisformanilide see diformyl dapsone

sulfonyl chloride
(RN) 7791-25-5
(HM) *SULFINIC ACIDS

4'-sulfonyloxy-N-(glutathion-S-methylene) -4-aminoazobenzene
(RN) 85473-31-0
(SY) SOGMAB
(HM) DIMETHYLAMINOAZOBENZENE/*analogs
(NO) major biliary metabolite of DAB

4-sulfonylphenylglyoxal
(RN) 67014-03-3
(SY) para-sulfonylphenylglyoxal
(HM) *PHENYLGLYOXAL/analogs
(II) INDICATORS AND REAGENTS
(NO) arginine-modifying reagent

1'-sulfooxysafrole see 1'-sulfoxysafrole

4-sulfophenyl isothiocyanate see 4-isothiocyanatobenzenesulfonate

8-(p-sulfophenyl)theophylline see 8-(4-sulfophenyl)theophylline

8-(4-sulfophenyl)theophylline
(RN) 80206-91-3
(SY) PSP-theophylline
(SY) 8-(p-sulfophenyl)theophylline
(HM) THEOPHYLLINE/*analogs
(NO) adenosine antagonist

6-sulfoquinovosyldiacylglycerol see sulfoquinovosyl diglyceride

sulfoquinovosyl diglyceride
(SY) diacylsulfoquinovosyl glyceride
(SY) 6-sulfoquinovosyldiacylglycerol
(HM) *GLYCOLIPIDS

sulforhodamine B see lissamine rhodamine B

sulforidazine
(RN) 14759-06-9
(HM) *PHENOTHIAZINES
(PA) ANTIDEPRESSIVE AGENTS
(NO) structure in Merck

sulfosalicylic acid
(RN) 97-05-2
(RR) 831-54-9 (mono-Na salt)
(RR) 1837-99-6 (Be[1:1] salt)
(RR) 69536-78-3 (Be[2:1] salt)
(SY) phlogosol
(SY) phlogosam
(HM) *SALICYLIC ACIDS
(II) SOLVENTS
(NO) RN given refers to parent cpd

sulfotransferase III see glucocorticoid sulfotransferase III

sulfotrim
(RN) 63812-66-8
(SY) Cosumix Plus
(HM) *SULFACHLORPYRIDAZINE
(HM) *TRIMETHOPRIM
(HM) DRUG COMBINATIONS
(NO) combination of sulfachlorpyridazine & trimethoprim

sulfotrinaphthyleneofuran
(RN) 94335-68-9
(HM) *NAPHTHALENESULFONATES
(II) DYES
(NO) RN not in Chemline 3/85; RN from Toxline

sulfotyrosine see L-tyrosine O-sulfate

Sulfoximine, S-(3-amino-3-carboxypropyl)-sec-butyl- see buthionine sulfoximine

Sulfoximine, S-(3-amino-3-carboxypropyl)-sec-butyl-, DL- see buthionine sulfoximine

1'-sulfoxysafrole
(RN) 64282-99-1
(SY) 1'-sulfooxysafrole
(HM) *SAFROLE/analogs
(PA) CARCINOGENS
(NO) major ultimate electrophilic & carcinogenic metabolite of 1'-hydroxysafrole; structure given in first source

sulfuric acid
(RN) 7664-93-9
(HM) *SULFURIC ACIDS

sulfurmycin A
(RN) 78173-90-7
(HM) NAPHTHACENES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) anthracycline antibiotic from Streptomyces galilaeus; structure given in first source

sulfurmycin B
(RN) 78193-30-3
(HM) NAPHTHACENES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) anthracycline antibiotic from Streptomyces galilaeus; structure given in first source

sulfurmycin C
(RN) 83753-75-7
(HM) NAPHTHACENES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) from Streptomyces galilaeus; structure given in first source

sulfurmycin D
(RN) 83753-74-6
(HM) NAPHTHACENES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) from Streptomyces galilaeus; structure given in first source

sulfurmycin E
(RN) 83753-76-8
(HM) ANTHRACENES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) from Streptomyces galilaeus; structure given in first source

sulfurmycin F
(RN) 83829-33-8
(HM) ANTHRACENES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) from Streptomyces galilaeus; structure given in first source

sulfurmycin G
(RN) 83753-81-5
(HM) ANTHRACENES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) from Streptomyces galilaeus; structure given in first source

sulfur trioxide
(RN) 7446-11-9
(RR) 12210-38-7 (ion(1-))
(RR) 12710-95-1 (ion(1+))
(HM) *SULFUR OXIDES
(NO) RN given refers to parent cpd

sulglicotide
(RN) 54182-59-1
(SY) gliptide
(SY) sulfated gliptide
(SY) sulglycotide
(SY) sulfoglycopeptide
(HM) *SIALOGLYCOPROTEINS
(PA) ANTI-ULCER AGENTS
(NO) used in therapy of gastric & duodenal ulcer; polysulfuric ester of a sialoglycopeptide; RN is from USAN 1980, p.309

sulglycotide see sulglicotide

sulindac sulfide
(RN) 32004-67-4
(RR) 49627-27-2 ((Z)-isomer)
(RR) 56563-61-2 (Na salt)
(RR) 61812-45-1 ((E)-isomer)
(HM) *SULINDAC/analogs
(PA) ANTI-INFLAMMATORY AGENTS
(NO) sulfated analog of indomethacin & inhibitor of prostaglandin synthesis in vitro; RN given refers to cpd without isomeric designation; structurein first source

sulindac sulfone
(RN) 59864-04-9
(RR) 59973-80-7 ((Z)-isomer)
(HM) *SULINDAC/analogs
(NO) sulfated analog of indomethacin; RN given refers to cpd with unspecified isomeric designation; structure in first source

sulisatin
(RN) 54935-04-5
(SY) DAN 603
(SY) sodium sulisatin
(SY) Laxitex
(HM) *INDOLES
(PA) CATHARTICS
(NO) structure

sulmazole
(RN) 73384-60-8
(SY) AR-L 115 BS
(SY) 2-((2-methoxy-4-methylsulfinyl)phenyl)-H-imidazo(4,5-b)pyridine
(SY) AR-L115
(SY) vardax
(SY) LY175326
(SY) LY 175326
(SY) LY-175326
(SY) MG 28734
(SY) MG-28734
(HM) *IMIDAZOLES
(PA) CARDIOTONIC AGENTS
(PA) PHOSPHODIESTERASE INHIBITORS
(NO) structure given in first source

sulmazole sulfide see AR-L 113 BS

sulmazole sulfone see AR-L 114 BS

sulodexide see glucuronyl glucosamine glycan sulfate

sulphamate sulphamidase see sulphoglucosamine sulphamidase

sulphamidase see sulphoglucosamine sulphamidase

p-sulphamoylbenzoic acid see carzenide

sulphan blue see patent blue violet

sulphatoglycosphingolipids see sulfoglycosphingolipids

6-sulphatoxy melatonin see 6-hydroxymelatonin

sulphenazone
(RN) 13061-27-3
(SY) sulfenazone
(HM) SULFAMETHOXYPYRIDAZINE/*analogs
(HM) ANTIPYRINE/*analogs
(PA) ANALGESICS
(NO) sulfamethoxypyridazine reacted with sodium salt of hydrosulfonic acid from 4-formalphenazone (antipyretic); structure

sulphitocobalamin see sulfitocobalamin

sulphoacetaldehyde lyase
(RN) EC 4.4.1.12
(SY) sulfoacetaldehyde sulfo-lyase
(HM) *LYASES

S-sulphocysteine
(RN) 1637-71-4
(RR) 7381-67-1 (mono-Na salt)
(RR) 18559-93-8 (ion(1-))
(SY) cysteine-S-sulfate
(SY) S-sulfocysteine
(SY) cysteinyl-S-sulfonate
(SY) cysteinyl-S-sulfonic acid
(HM) CYSTEINE/*analogs
(NO) residues in physiologically significant proteins treated with sulfite; RN given refers to parent cpd; structure

4-sulphodiazobenzene see diazobenzenesulfonic acid

sulphoglucosamine sulphamidase
(RN) EC 3.10.1.1
(SY) sulfoglucosamine sulfamidase
(SY) sulphamate sulphamidase
(SY) sulphamidase
(SY) sulfamidase
(SY) heparin sulfamidase
(SY) heparin sulfamatase
(SY) heparin N-sulfatase
(SY) 2-deoxy-D-glucoside-2-sulfamate sulfohydrolase
(HM) *HYDROLASES
(NO) believed to be defect in mucopolysaccharidosis IIIA (Sanfilippo syndrome A)

sulphomucin see sulfomucin

sulphomucins see sulfomucin

sulphydryl oxidase see sulfhydryl oxidase

sulprim see Bactrim

sulprofos
(RN) 35400-43-2
(SY) BAY NTN 9306
(SY) O-ethyl O-(4-(methylthio)phenyl) S-propylphosphorodithioate
(SY) bolstar
(HM) *THIOPHOSPHORIC ACID ESTERS
(PA) INSECTICIDES, ORGANOTHIOPHOSPHATE

sulprostone see sulprostone

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sulprostone
(RN) 60325-46-4
(SY) SHB 286
(SY) 34.089 Pfizer
(SY) 16-phenoxytetranor-PGE2 methylsulfonylamide
(SY) 5Z,13E-18R,11R,12R,15R- dihydroxy-9-oxo-16-phenoxy-17,18,19,20-tetranor- 5,13- prostadienoic acid methylsulfonylamide
(SY) sulproston
(SY) 16-phenoxy-omega-17,18,19.20-tetranor-PGE2 methylsulfonylamide
(SY) ZK-57671
(SY) CP-34089
(HM) *PROSTAGLANDINS E, SYNTHETIC
(PA) MENSTRUATION INDUCING AGENTS
(PA) ABORTIFACIENT AGENTS, NON-STEROIDAL
(NO) structure

sultamicillin
(RN) 76497-13-7
(SY) CP 49,952
(SY) CP 49952
(HM) *AMPICILLIN
(HM) *PENICILLANIC ACIDS
(HM) DRUG COMBINATIONS
(NO) contains ampicillin & sulbactam

sultilains see Travase

sultones see naphthosultone

sultopride
(RN) 53583-79-2
(SY) LIN 1418
(SY) barnetil
(SY) N-(ethyl-1-pyrrolidinyl- 2-methyl)methoxy-2-ethylsulfonyl-5-benzamide
(SY) omisulpride
(SY) DAN 2163
(HM) SULPIRIDE/*analogs
(PA) PSYCHOTROPIC DRUGS
(PA) TRANQUILIZING AGENTS, MAJOR
(NO) amino group of sulpiride on S02 group is replaced by an ethyl group; structure

sumetrolim see Bactrim

sumicidin see pydrin

sumilex see procymidone

sumisclex see procymidone

sumitrin see phenothrin

suncillin
(RN) 20407-67-4
(SY) BL-P1462
(HM) CARBENICILLIN/*analogs
(NO) semisynthetic penicillin chemically related to carbenicillin; structure

sunflower oil see sunflower seed oil

sunflower seed oil
(RN) 8001-21-6
(RR) 69669-39-2 (K-salt)
(SY) sunflower oil
(HM) *OILS
(II) DIETARY FATS
(NO) RN given refers to cpd with unknown MF

sunrabim see
N(4)-behenoyl-1-beta-arabinofuranosylcytosine

sunset yellow see FD & C Yellow No. 6

Sunset yellow FCF see FD & C Yellow No. 6

SUN 1165
(RN) 88069-49-2
(SY) SUN-1165
(SY) N-(2,6-dimethylphenyl)-8-pyrrolizidineacetamide hydrochloride
(HM) LIDOCAINE/*analogs
(PA) ANTI-ARRHYTHMIA AGENTS
(NO) structure given in first source

SUN-1165 see SUN 1165

superacryl see methylmethacrylate

supercel
(SY) 2,3,6-tricarboxycellulose
(HM) CELLULOSE, OXIDIZED/*analogs

supercol see locust bean gum

supercol GF see guar gum

super-FIT see 3-methylfentanyl isothiocyanate

superhelical DNA endonuclease
(RN) EC 3.1.21.-
(HM) *ENDODEOXYRIBONUCLEASES
(NO) produces single nicks in superhelical DNA; co-purifies with calf thymus terminal deoxynucleotidyl transferase

Superincae see tylosapol

superlutin see methylenedehydroacetoxyprogesterone

supernormal insulin see insulin, supernormal

Superose 6b
(HM) *SEPHAROSE
(II) CHROMATOGRAPHY, GEL
(NO) agarose-based medium optimized for high-performance preparative gel filtration

superoxide-forming enzyme
(RN) EC 1.6.99.-
(SY) oxygen-producing enzyme
(SY) O(2)-generating enzyme
(SY) oxygen oxidase
(SY) O2- generating oxidase, NADPH-dependent
(SY) NADPH-O2 oxidoreductase
(SY) respiratory burst oxidase
(HM) *NADH, NADPH OXIDOREDUCTASES
(NO) catalyzes the reduction of oxygen to superoxide with NADPH as the electron donor, then undergoes a secondary reaction which leads to the production of hydrogen peroxide, OH and perhaps other reactive oxidants

superphosphate
(RN) 8011-76-5
(RR) 65996-95-4 (superphosphate, concd.)
(SY) superphosphates
(HM) *PYROPHOSPHATES
(NO) RN given refers to normal or enriched superphosphate, MF unknown

superphosphates see superphosphate

superpolyamide see polyamide mesh

superpolymid see nylon 6

superpont C+B
(RN) 65098-75-1
(HM) *POLYMETHACRYLIC ACIDS
(II) COMPOSITE RESINS
(NO) crosslinked methacrylate resin

Superpyrin see aloxiprin

Super C resin
(RN) 86904-44-1
(HM) *COMPOSITE RESINS
(NO) composite resin from Amco, Philadelphia, PA

superstat
(HM) *COLLAGEN
(PA) HEMOSTATICS
(NO) modified collagen sponge

Suphepa
(RN) 2440-62-2
(SY) succinyl-L-phenylalanine p-nitroanilide
(HM) PHENYLALANINE/*analogs
(II) INDICATORS AND REAGENTS
(NO) used for the determination of chymotrypsin in stools in diagnosis of pancreatic disease

supidimide
(RN) 49785-74-2
(SY) CG 3033
(HM) THALIDOMIDE/*analogs
(NO) non-teratogenic analog of thalidomide; has mild tranquilizing action; structure given in first source

suplexedil see fenoxedil

Suppoptanox see butylvinal

suppressive factor of allergy
(HM) *IMMUNOSUPPRESSIVE AGENTS

suppressor active peptide (thermal injury)
(SY) SAP-TI
(HM) *GLYCOPEPTIDES
(HM) PROSTAGLANDINS E
(II) LYMPHOCYTES/immunol
(II) NEUTROPHILS/immunol
(NO) suppresses in vitro lymphocyte & neutrophil responses in burn sera; comprised of a peptide, carbohydrates containing sialic acid & prostaglandin E; MW 3654

Supracide see methidathion

supramid extra see nylon 6

supramid mesh see polyamide mesh

supranol cyanine G see coomassie Brilliant Blue

suprastin see chloropyramine

suprexon
(HM) *EPINEPHRINE
(HM) *GUANETHIDINE
(HM) DRUG COMBINATIONS
(II) OPHTHALMIC SOLUTIONS
(NO) combination of above cpds; used in treatment of open-angle glaucoma

suprifen see oxilofrin

Supristol
(RN) 57197-43-0
(SY) CN-3123
(SY) cotrifamol
(SY) cotrifamole
(SY) co-trifamole
(SY) CN 3123
(HM) *SULFAMOXOLE
(HM) *TRIMETHOPRIM
(HM) DRUG COMBINATIONS
(PA) ANTI-INFECTIVE AGENTS, URINARY
(NO) sulfonamide combination

surecide see cyanophenphos

surfactant-sialoglycoprotein see pulmonary surfactant-associated protein

surfak see dioctyl sulfosuccinic acid

Surfen see aminoquinuride

surfilcon A see duragel 75

surflan see oryzalin

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surfomer
(RN) 71251-04-2
(SY) AOMA
(SY) poly(1,2-dicarboxy-3-hexadecyl-1,4-butanediyl)
(SY) poly(1,2-dicarboxy-3-hexadecyltetramethylene)
(HM) *SUCCINATES
(HM) *POLYMERS
(NO) hypolipidemic; RN & structure available in JAMA 1980;243(16):1663

surgam see tiaprofenic acid

surgicel
(HM) *CELLULOSE, OXIDIZED
(NO) absorbable histophilic oxidized cellulose preparation

Surgident
(HM) *COLLOIDS
(II) DENTAL IMPRESSION MATERIALS
(NO) reversible hydrocolloid

Surgilube see phenylmercury borate

suriclone
(RN) 53813-83-5
(SY) RP 31264
(SY) 6-(7-chloro-1,8-naphthyridin-2-yl)-2,3,6,7-tetrahydro-7-oxo-5H-(1,4)dithiino(2,3-c)pyrrol-5-yl-4-methylpiperazine-1-carboxylate
(SY) RP-3124
(SY) RP-31264
(HM) *PIPERAZINES
(NO) recognizes receptors labeled by benzodiazepines; RN & structure from USAN 1983; RN not in Chemline 3/83

surma see lead sulfide

surugatoxin
(RN) 40957-92-4
(HM) *MOLLUSK VENOMS
(PA) GANGLIONIC BLOCKADERS
(II) SNAILS
(NO) marine toxin isolated from japanese ivory shell, Babylonia japonica; structure

Survector see amineptin

SUR 2647
(RN) 69217-67-0
(SY) SUR-2647
(SY) paracetamol N-acetylmethionate
(HM) ACETAMINOPHEN/*analogs
(NO) RN given refers to (DL)-isomer; RN for cpd without isomeric designation not in Chemline 10/84

SUR-2647 see SUR 2647

suspensaside
(RN) 84213-44-5
(SY) 3,4-trihydroxyphenethyl-O-rhamnopyranosyl-(1-6)-4-O-caffeoyl-glucopyranoside
(HM) *GLUCOSIDES
(PA) ANTI-INFECTIVE AGENTS
(II) PLANTS, MEDICINAL
(NO) from fruit of Forsythia suspensa Vahl (Oleaceae); structure given in first source

Sustanon
(HM) TESTOSTERONE/*analogs
(HM) DRUG COMBINATIONS
(II) DELAYED-ACTION PREPARATIONS
(NO) contains testosterone propionate, testosterone phenylpropionate, testosterone isocaproate, & testosterone decanoate

sutilains see Travase

suvipen see methampicillin

suxibuzone
(RN) 27470-51-5
(SY) 1,2-diphenyl-4-n-butyl-4-hydroxymethyl-3,5-dioxopyrazolidine hemisuccinate
(SY) 4-butyl-4-(beta-carboxypropionyloxymethyl)-1,2-diphenyl-3,5-pyrazolidinedione
(HM) PHENYLBUTAZONE/*analogs
(PA) ANTI-INFLAMMATORY AGENTS
(PA) URICOSURIC AGENTS
(NO) structure

suzukacillin
(RN) 11017-50-8
(RR) 12712-80-0 (suzukacillin A)
(RR) 66565-52-4 (suzukacillin A'20)
(RR) 65216-22-0 (suzukacillin B)
(HM) PEPTIDES
(PA) ANTIBIOTICS
(NO) isolated from Trichoderma viride; RN given refers to cpd with unknown MF

SU-10603
(RN) 786-97-0
(RR) 61435-66-3 (3H-labeled cpd)
(SY) SU 10603
(HM) *TETRAHYDRONAPHTHALENES
(PA) HYDROXYLASES/antag
(NO) 17-OH-steroid hydroxylase antagonist; RN given refers to parent cpd

SU 10603 see SU-10603

SU 1906 see thiambutosine

SU-1906 see thiambutosine

SU-21524 see pirprofen

SU-23397
(RN) 37603-15-9
(SY) SU 23397
(HM) *BENZOFURANS
(PA) TRANQUILIZING AGENTS, MAJOR
(PA) ANTIPSYCHOTIC AGENTS
(NO) structure

SU 23397 see SU-23397

SU-8000 see SU 8000

SU 8000
(RN) 2126-63-8
(SY) 3-(6-chloro-3-methyl-2-indenyl)pyridine
(SY) SU-8000
(HM) *PYRIDINES
(NO) 17-OH-steroid hydroxylase antagonist; structure

SU-88 see SU 88

SU 88
(RN) 64506-49-6
(SY) 2-carboxymethoxy-4,4'-bis(3-methyl-2-butenyloxy) chalcone
(SY) SU-88
(SY) sofalcone
(HM) *CHALCONE/analogs
(PA) ANTI-ULCER AGENTS

SV40-T-antigen see viral T proteins

SV40 large T-antigen see viral T proteins

SV40 large tumor antigen see viral T proteins

SV40 A protein see viral T proteins

SVS IV see seminal plasma proteins

SVS-IV see seminal plasma proteins

SV40 small T-antigen see viral T proteins

SVS-V see seminal plasma proteins

SV40-TATA see viral T proteins

SV40-TSTA see viral T proteins

swainsonine
(RN) 72741-87-8
(SY) 8a beta-indolizidine-1alpha,2alpha,8beta-triol
(HM) *ALKALOIDS
(PA) MANNOSIDASES/antag
(NO) indolizidine alkaloid from Swainsonia canescens plant which is a potent alpha-mannosidase inhibitor; structure given in first source

Swascofix
(RN) 54847-85-7
(RR) 67167-01-5 (swascofix M 21)
(RR) 54847-85-7 (swascofix E 45)
(RR) 54847-84-6 (swascofix DT 50)
(HM) *BENZENESULFONATES
(II) DETERGENTS
(NO) synthetic detergent with alkyl benzenesulfonate as active ingredient; RN given refers to cpd with unknown MF

swertiamarin
(RN) 17388-39-5
(SY) swertiamaroside
(HM) *PYRONES
(HM) *GLUCOSIDES
(NO) from swertia japonica; structure

swertiamaroside see swertiamarin

swine lymphocyte antigens
(SY) SLA complex
(HM) *MAJOR HISTOCOMPATIBILITY COMPLEX
(II) SWINE

SX 284
(RN) 84260-62-8
(SY) SX-284
(SY) 2-(1,2-benzisoxazol-3-yl)-3-(2-(2-piperidinoethoxy)phenyl)acrylonitrile
(HM) *ISOXAZOLES
(PA) PARASYMPATHOLYTICS
(NO) structure given in first source

SX-284 see SX 284

Sybraloy
(RN) 66199-08-4
(HM) *DENTAL ALLOYS
(II) DENTAL AMALCAM
(NO) high copper spherical amalgam

sydnocarb see sidnocarb

sydnophen
(RN) 22293-47-6
(RR) 3441-64-3 (mono-HCl)
(RR) 59525-71-2 ((3-(1-(14)C-methyl))-labeled cpd)
(SY) beta-phenylisopropylsydnonimine
(SY) sidnofen
(HM) *SYDNONES
(NO) RN given refers to parent cpd; structure in Negwer

syloid 266
(RN) 56940-44-4
(RR) 57035-87-7 (syloid 65)
(HM) *SILICA
(NO) RN given refers to cpd with unknown MF; see also records for syloid 63 and syloid 72

Sylvan see 2-methylfuran

sylvic acid see abietic acid

symbionin
(HM) *PROTEINS
(II) INSECT HORMONES
(NO) MW 63,00 acidic insect protein

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synacthen depot see adrenocorticotropin zinc

synacthen retard see adrenocorticotropin zinc

synalar N
(RN) 8025-20-5
(HM) *FLUOCINOLONE ACETONIDE
(HM) *NEOMYCIN
(HM) DRUG COMBINATIONS
(II) OINTMENTS
(NO) RN given refers to synalar N

synanthic see oxfendazole

synapause see estriol succinate

synapsin I see Protein I

synapsin I kinase see tubulin kinase

synaptic membrane glycoprotein D2 see nervous system specific protein D2

synaptic membrane protein D2 see nervous system specific protein D2

synaptin
(HM) *NERVE TISSUE PROTEINS
(II) MEMBRANE PROTEINS
(NO) D1, D2, & D3 proteins in adult rat brain synaptic vesicle fractions & synaptosomal plasma membrane fractions

synaptophysin
(HM) *MEMBRANE PROTEINS
(NO) MW 38,000; specific component of the membrane of presynaptic vesicles

Synchrocept see prostalene

synchrocept B see fenprostalene

Synchrodyn see ACTH(1-17)

Syncillin see phenethicillin

Syncro-Mate B
(SY) syncro mate B
(HM) *NORGESTOMET
(HM) ESTRADIOL/*analogs
(HM) DRUG COMBINATIONS
(II) DRUG THERAPY, COMBINATION
(NO) implant of norgestomet & injection of norgestomet & estradiol valerate for anestrus cows

syncro mate B see Syncro-Mate B

syncytiotrophoblastic polypeptide see glutamyl-asparaginyl-prolyl-seryl-glutaminyl-phenylalanyl-tyrosyl-glutamyl-arginyl-leucyl- cysteinamide

syndeins
(HM) *CARRIER PROTEINS
(II) MEMBRANE PROTEINS
(NO) spectrin-binding proteins of human erythrocyte membrane

syndyphalin
(RN) 78263-45-3
(SY) Tyr-D-Met(O)-Gly-N-methylphenethylamide
(SY) syndyphalin-33
(SY) Tyr-D-Met(O)-Gly-MPA
(HM) *OLIGOPEPTIDES
(PA) ANALGESICS
(NO) enkephalin-like synthetic tripeptide amide with analgesic action in mice

syndyphalin-33 see syndyphalin

synemin
(HM) *MUSCLE PROTEINS
(NO) 230,000 dalton polypeptide from avian smooth muscle; also present in skeletal muscle & is distinct from myosin & filamin; closely associated with desmin & vimentin filaments in muscle cells; intermediate filament protein

synenkephalin
(HM) *ENKEPHALINS
(HM) *PROTEIN PRECURSORS
(NO) a proenkephalin-immunoreactive protein which does not contain enkephalin

synergisidin see brefeldin A

synexin
(SY) adrenal medullary protein
(SY) synexin II
(HM) *PROTEINS
(II) ADRENAL MEDULLA
(NO) protein from adrenal medulla that initiates in vitro chromaffin granule aggregation when calcium concentration is raised above 6 microM

synexin II see synexin

syngamix see disophenol

synhexyl
(RN) 117-51-1
(SY) parahexyl
(SY) pyrahexyl
(HM) *BENZOPYRANS
(NO) euphoric for treatment of thalamus disorders; structure

synhibin
(HM) *CARRIER PROTEINS
(II) MEMBRANE PROTEINS
(NO) calcium-dependent membrane binding protein (MW 68000); from bovine liver; inhibits synexin-induced chromaffin granule aggregation & fusion

synkavit see menadiol diphosphate

synkavite see menadiol diphosphate

synlactin
(RN) 88529-15-1
(HM) *PROTEINS
(II) HORMONES
(NO) secreted by liver after stimulation by prolactin; acts synergistically with prolactin

synovex-H
(RN) 64867-19-2
(HM) *ESTRADIOL
(HM) *TESTOSTERONE
(HM) DRUG COMBINATIONS
(NO) combination of estradiol benzoate & testosterone propionate

Synovex-S see Duogynon forte

Synsorb-B IA
(HM) *TRISACCHARIDES
(HM) *SILICA
(II) ABO BLOOD-GROUP SYSTEM
(NO) terminal synthetic blood group B trisaccharide linked via inert 8-member hydrocarbon chain to an insoluble matrix of crystalline silica

Synthaderm
(RN) 91094-15-4
(HM) *POLYURETHANES
(II) ARTIFICIAL ORGANS
(NO) synthetic polyurethane intended for replacement of the covering function of the skin

synthalin A
(RN) 111-23-9
(RR) 62796-59-2 (unspecified HCl)
(RR) 301-15-5 /di-HCl)
(RR) 61167-43-9 (synthalin B)
(SY) 1,10-decamethylenediguanide
(SY) 1,10-bis(guanidino)-n-decane
(SY) bisG10
(SY) bisG-10
(HM) *GUANIDINES
(PA) ANTIDIABETICS
(PA) CALCIUM CHANNEL BLOCKERS
(NO) RN given refers to parent cpd; structure

synthamin
(HM) *AMINO ACIDS
(II) PARENTERAL FEEDING
(NO) parenteral nutrition solution containing the following amino acids: leucine, isoleucine, valine, lysine, phenylalanine, methionine, tryptophan, threonine, arginine, histidine, alanine, glycine, proline & tyrosine

synthamin 17 see travasol

Synthane see BAX-3224

synthanecine A-bis(N-ethylcarbamate)
(RN) 32766-79-3
(SY) 2,3-bis(N-ethylcarbamoyloxymethyl)-1-methyl-3- pyrroline
(HM) *CARBAMATES
(NO) structure

synthase kinase see glycogen synthetase kinase

synthetic amino-terminal parathyroid hormone see bovine parathyroid hormone (1-34)

synthetic atrial natriuretic factor 26 see atrial natriuretic factor 26

synthetic laminaria see lamicel

synthetic peptide copolymer I see (T,G)-A-L

synthetic skin IP-758 see IP 758

synthograft see synthos

synthos
(RN) 7758-87-4
(SY) synthograft
(SY) tricalcium phosphate ceramic
(SY) beta-tricalcium phosphate
(HM) *CALCIUM PHOSPHATES
(II) BIOMATERIALS
(II) CERAMICS
(NO) form of tricalcium phosphate that is bioceramic bone replacement material; see also record for calcium phosphate, & octacalcium phosphate

syntometrine
(RN) 37209-62-4
(SY) oxymetrin
(HM) *ERGONOVINE
(HM) *OXYTOCIN
(PA) OXYTOCICS
(NO) mixture of above cpds (1:1)

syntrogel plus
(HM) *ALUMINUM HYDROXIDE
(HM) *MAGNESIUM
(HM) *MAGNESIUM HYDROXIDE
(HM) *CALCIUM CARBONATE
(PA) ANTACIDS
(NO) contains aluminum hydroxide-magnesium carbonate co-dried gel, magnesium hydroxide & calcium carbonate

synulox see BRL 25000

syrepar see sirepar

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syringaresinol
(RN) 21453-69-0
(RR) 1177-14-6 ((1alpha,3aalpha,4alpha,6aalpha)-(+-)-isomer)
(RR) 6216-81-5 ((1R-(1alpha,3aalpha,4alpha,6aalpha))-isomer)
(HM) *FURANS
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(NO) lignan isolated from Passerina vulgaris; RN given refers to 1S-(1alpha,3aalpha,4alpha,6aalpha)-isomer

syringic acid
(RN) 530-57-4
(RR) 64887-60-1 (Cu(+2)[1:1] salt)
(HM) GALLIC ACID/*analogs
(II) INDICATORS AND REAGENTS
(NO) RN given refers to parent cpd; structure in third source

syringopicroside
(RN) 29118-80-7
(HM) *GLYCOSIDES
(PA) ANTI-INFECTIVE AGENTS
(PA) CHOLAGOGUES AND CHOLERETICS
(II) PLANT EXTRACTS
(NO) from leaves of Syringa oblata Lindl.; structure given in first source

SYSpur derm
(HM) *POLYMERS
(II) OCCLUSIVE DRESSINGS
(NO) no other information available 5/85

System 1 plus
(HM) *ACRYLIC RESINS
(II) DENTAL CEMENTS
(II) COMPOSITE RESINS
(NO) no-mix orthodontic diacrylate cement; polymerization initiated when adhesive paste comes into contact with liquid primer; from Ormco, Glendora Cal.

SY 28
(RN) 1946-26-5
(RR) 1214-27-3 (HBr)
(SY) SY-28
(HM) *NAPHTHALENES
(PA) ANTIHISTAMINICS
(PA) SYMPATHOLYTICS
(NO) RN given refers to parent cpd

SY-28 see SY 28

S100a(0) see nerve tissue protein S 100a

S 10089
(RN) 93208-44-7
(SY) S-10089
(SY) 2-benzocyclobutane-4,5-dihydro-1-H-imidazole
(HM) *IMIDAZOLES
(PA) ADRENERGIC ALPHA RECEPTOR BLOCKADERS
(NO) structure given in first source; RN given refers to (+-) isomer; RN for cpd without isomeric designation not available 1/85

S-10089 see S 10089

S 11P see S-11-P

S-11P see S-11-P

S-11-P
(RN) 75419-36-2
(SY) (1L)-1,3,5/2,4,5-aminocyclohexanetetrol
(SY) 1-deamino-2-deoxy-1-hydroxystreptamine
(SY) S 11P
(SY) S-11P
(HM) *HEXOSAMINES
(NO) intermediate in biosynthesis of 2-deoxystreptamine; structure in first source

S-1249 see droxicainide

S 1249 see droxicainide

S-13 see S 13

S 13
(RN) 16128-96-4
(SY) 5-chloro-3-tert-butyl-2'-chloro-4'-nitrosalicylanilide
(SY) S-13
(HM) NICLOSAMIDE/*analogs
(II) UNCOUPLING AGENTS

S15-1-A see streptothricin F

S15-1-B see streptothricin E

S 1513 see benfluorex

S-1530 see nimetazepam

S-1540 see bitolterol

S-1541 see colterol

S 1694 see amineptin

S 20682 see 20682-S

S-20682 see 20682-S

S-2160 see S 2160

S 2160
(RN) 54799-93-8
(SY) N-benzoyl-L-phenylalanyl-L-valyl-L-arginine-p-nitroanilide
(SY) Bz-Phe-Val-Arg-paranitroanilide
(SY) N-alpha-benzoyl-L-phenylalanyl-L-valyl-L-arginine-p-nitroanilide
(SY) BzPheValArgNaN
(SY) benzoyl-Phe-Val-Arg-p-nitroanilide
(SY) S-2160
(HM) *OLIGOPEPTIDES
(II) CHROMOGENIC COMPOUNDS
(NO) synthetic chromogenic substrate for thrombin; liberates p-nitroaniline

S-2222 see S 2222

S 2222
(RN) 60457-00-3
(SY) chromogenic substrate S-2222
(SY) benzoyl-Ile-Glu-Gly-Arg-p-nitroanilide
(SY) S-2222
(HM) *OLIGOPEPTIDES
(NO) p-nitroanilide deriv of portion of peptide sequence in prothrombin molecule cleaved by Factor X

S 2227 see glutamyl-glycyl-arginine-4-nitroanilide

S 2238 see S-2238

S-2238
(RN) 64815-81-2
(RR) 62354-65-8 (di-HCl)
(SY) H-D-phenylalanyl-Pip-Arg-p-nitroanilide
(SY) H-D-Phe-Pip-Arg-pNA
(SY) S 2238
(SY) chromogenic substrate S-2238
(SY) H-D-phenylalanyl-L-pipecolyl-arginine-nitroanilide
(SY) H-Phe-Pip-Arg-p-nitroanilide
(SY) H-Phe-Pip-Arg-pNA
(HM) *DIPEPTIDES
(II) CHROMOGENIC COMPOUNDS
(NO) chromogenic substrate for thrombin; used in amidolytic assay; patterned after N-terminal portion of A alpha chain of fibrinogen; synonym S-2238 refers to di-HCl; RN given is for parent cpd

S 2251 see S-2251

S-2251
(RN) 63589-93-5
(RR) 62354-43-2 (di-HCl)
(SY) valyl-leucyl-lysine 4-nitroanilide
(SY) Val-Leu-Lys 4-nitroanilide
(SY) S 2251
(HM) *OLIGOPEPTIDES
(II) CHROMOGENIC COMPOUNDS
(NO) chromogenic substrate of plasmin; H-D-Val-Leu-Lys- 4-nitroaniline; RN given refers to parent cpd

S2266 see S 2266

S-2266 see S 2266

S 2266
(RN) 64816-14-4
(RR) 62354-41-0 (di-HCl)
(SY) D-valyl-leucyl-arginine-p-nitroanilide
(SY) H-D-Val-Leu-Arg-p-nitroanilide
(SY) Val-Leu-Arg-p-nitroanilide
(SY) S-2266
(SY) S2266
(HM) *OLIGOPEPTIDES
(II) CHROMOGENIC COMPOUNDS
(NO) RN given refers to parent cpd

S 2288 see isoleucyl-prolyl-arginine-4-nitroanilide

S-2302 see prolyl-phenylalanyl-arginine-4-nitroanilide

S 2337 see S-2337

S-2337
(RN) 67608-06-4
(SY) Bz-Ile-Glu(gamma-piperidyl)-Gly-Arg-pNA
(SY) S 2337
(SY) L-Argininamide, N-benzoyl-L-isoleucyl-5-oxo-5-(1-piperidinyl)-L-norvalylglycyl-N-(4- nitrophenyl)-
(HM) *OLIGOPEPTIDES
(PA) ANTICOAGULANTS
(NO) synthetic substrate used to estimate Factor X

S 2366
(RN) 72194-57-1
(SY) S-2366
(SY) pyroglutamyl-prolyl-arginine-4-nitroanilide
(SY) pGlu-Pro-Arg-pNA
(HM) *OLIGOPEPTIDES
(II) CHROMOGENIC COMPOUNDS
(NO) chromogenic substrate for Factor XI in plasma

S-2366 see S 2366

S-2395 see tertatolol

S 2395 see tertatolol

S 2423
(RN) 85205-64-7
(SY) S-2423
(HM) *CHROMOGENIC COMPOUNDS
(NO) chromogenic substrate; no other info available 6/85

S-2423 see S 2423

S 2441
(RN) 79358-73-9
(RR) 74086-59-2 (di-HCl)
(SY) S-2441
(SY) prolyl-phenylalanyl-N-heptylargininamide
(SY) Pro-Phe-N-heptyl-Arg-NH2
(HM) *OLIGOPEPTIDES
(PA) PROTEASE INHIBITORS
(PA) KALLIKREIN/antag
(NO) RN given refers to (D-Pro-L-Phe-L-Arg)-isomer; RN for cpd without isomeric designation not in Chemline 7/84

S-2441 see S 2441

S-2444 see 5-oxo-prolyl-glycyl-arginine-4-nitroanilide

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S-24623 see S 24623

S 24623
(RN) 83526-33-4
(SY) 5-hydroxy-N-(2-piperidinylmethyl)-2-(2,2,2-trifluoroethoxy)benzamide
(SY) S-24623
(HM) *PIPERIDINES
(NO) metabolite of flecainide; structure given in first source

S 2484
(RN) 86190-22-9
(SY) S-2484
(SY) pyroglutamyl-proly-valine-4-nitroanilide
(SY) pyro-Glu-Pro-Val-pNA
(HM) *OLIGOPEPTIDES
(II) CHROMOGENIC COMPOUNDS
(NO) chromogranic specific substrate for granulocyte elastase

S-2484 see S 2484

S-2539 see phenothrin

S 26191
(RN) 91933-52-7
(SY) S-26191
(SY) 5-hydroxy-N-((6-oxo-2-piperidinyl)methyl)-2-(2,2,2-trifluoroethoxy)benzamide
(HM) *PIPERIDINES
(NO) metabolite of flecainide; structure given in first source

S-26191 see S 26191

S 2620 see almitrine

S-2648 see prolyl-phenylalanyl-arginine-4-nitroanilide

S-3151 see permethrin

S-3341 see S3341

S3341
(RN) 54187-04-1
(SY) S 3341
(SY) 2-(N-(dicyclopropylmethyl)amino)oxazoline
(SY) S-3341
(HM) *OXAZOLES
(PA) ADRENERGIC ALPHA RECEPTOR AGONISTS
(NO) structure in first source

S 3341 see S3341

S-4087 see cyanophenphos

S 421 see S-421

S-421
(RN) 127-90-2
(SY) bis(2,3,3,3-tetrachloropropyl) ether
(SY) S 421
(HM) *ETHERS
(PA) PESTICIDE SYNERGISTS
(NO) structure

S-4216 see pipratecol

S-450191 see S 450191

S 450191
(RN) 85815-37-8
(SY) 450191-S
(SY) S-450191
(HM) *TRIAZOLES
(PA) HYPNOTICS AND SEDATIVES
(NO) structure given in first source

S 5007 see Sulbuthiamine

S-5602 see pydrin

S-584 see S 584

S 584
(RN) 50602-50-1
(RR) 3601-82-9 (mono-HCl)
(RR) 19971-73-4 (di-HCl)
(SY) 1-(2-pyrimidyl)-4-(3,4-dihydroxybenzyl) piperazine
(SY) S-584
(HM) *PIRIBEDIL/analogs
(NO) piribedil metabolite; RN given refers to parent cpd; structure

S 596 see S-596

S-596
(RN) 52560-77-7
(SY) 2-(3'-tert-butylamino-2'-hydroxypropylthio)-4-(5'-carbamoyl-2'-thienyl)thiazole hydrochloride
(SY) S 596
(SY) arotinolol
(HM) *PROPANOLAMINES
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS
(NO) structure given in first source

S 60 see gelrite

S-60 see gelrite

S 6315
(SY) oxacephem 6315-S
(HM) *CEPHALOSPORINS
(NO) structure given in first source

S-7 see ethyl-2-methylthio-4-methyl-5-pyrimidine carboxylate

S-7131 see procymidone

S 75 see 2,2-dithiobis(N-((1-adamantyl)methyl)acetamide

S 780 see benfluorex

S 79 2892 A see HOE 892

S(8)
(RN) 42137-91-7
(SY) 4-propionyl-4-(4-chlorophenyl)-1-(3-dimethylaminopropyl)piperidine
(HM) *PIPERIDINES
(PA) ANALGESICS, ANTI-INFLAMMATORY

S 82 5455
(RN) 90832-34-1
(SY) S 82-5455
(HM) *ACRIDINES
(PA) ANTIPROTOZOAL AGENTS
(NO) structure in first source

S 82-5455 see S 82 5455

S 8527 see clinofibrate

S-86451 see S 86451

S 86451
(RN) 82089-23-4
(SY) S86451
(SY) 2'-guanidyl-2'-deaminogentamicin C1
(SY) S-86451
(HM) *GENTAMICINS

S86451 see S 86451

S 9490
(SY) S-9490
(SY) S 9490-3
(HM) *INDOLES
(PA) ANTIHYPERTENSIVE AGENTS
(PA) KININASE II/antag
(NO) structure given in 2nd source

S-9490 see S 9490

S 9490-3 see S 9490

S 9871
(RN) 91403-55-3
(SY) S-9871
(SY) 1-(2,3-dihydro-2-benzofuranyl)-4,5-dihydro-1H-imidazole
(HM) *BENZOFURANS
(PA) ADRENERGIC ALPHA RECEPTOR BLOCKADERS
(NO) RN given from CA & refers to (+-)-isomer; RN not in Chemline 10/84; structure given in first source

S-9871 see S 9871

Ta1 antigen see T cell activation antigen

TABAC see 2,4,6-triiodo-3-acetamidobenzoic acid (N-cyclohexylcarbamyloxy)ethyl ester

TAB antidote
(RN) 85150-36-3
(HM) *TRIMEDOXIME
(HM) *ATROPINE
(HM) *BENACTYZINE
(HM) DRUG COMBINATIONS
(PA) ANTIDOTES
(NO) combination of above 3 cpds

tabernanthine
(RN) 83-94-3
(RR) 65733-26-8 (tartrate)
(RR) 65733-25-7 (p-chlorophenoxyacetate)
(HM) *IBOGAINE
(II) ISOMERISM
(NO) RN given refers to parent cpd

tabex see cytisine

1,3,3-TABO see 1,3,3-trimethyl-6-azabicyclo(3.2.1)octane

tabun
(RN) 77-81-6
(SY) N,N-dimethylamido-O-ethyl cyanophosphate
(HM) *PHOSPHORIC ACID ESTERS
(PA) CHOLINESTERASE INHIBITORS
(NO) proposed as military nerve gas and exptl cholinesterase inhibitor; extremely poisonous; structure

Tac antigen see T cell activation antigen

TACB see alpha-amino-beta-chlorobutyrate

TACC
(HM) THIOGUANINE
(HM) CYCLOPHOSPHAMIDE
(HM) CYTARABINE
(HM) LOMUSTINE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

TAC combination see TEC solution

tachmalcor
(RN) 47719-70-0
(RR) 33774-52-6 (tartrate)
(SY) 7-(3-(diethylamino)-2-hydroxypropyl)-17,21-dihydroxyajmalanium
(HM) AJMALINE/*analogs
(PA) ANTI-ARRHYTHMIA AGENTS
(NO) RN given refers to parent cpd; NM refers to tartrate salt

TAChR 1-20 see Torpedo acetylcholine receptor, alpha-subunit 1-20

tachykinin
(HM) *NERVE TISSUE PROTEINS
(NO) belongs to the group of eledoisin & substance P; possess a common C-terminal sequence Phe-X-Gly-Leu-Met-NH2

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tachykinin receptor
(SY) tachykinin receptors
(SY) receptor, tachykinin
(HM) *SYNAPTIC RECEPTORS
(NO) see also specific tachykinin receptors: substance P receptor, substance K receptor & eledoisin receptor

tachykinin receptors see tachykinin receptor

tachysterol(3) see previtamin D(3)

taconite
(RN) 12249-26-2
(HM) *IRON
(HM) *MINERALS
(NO) iron ore which also contains quartz & silicates; has adverse effects similar to asbestos & silicon

TACSI see thyroid-stimulating immunoglobulin

TACT see bis(tetraheptylammonium)tetraiodocyclopentane tellurate(IV)

T-activin
(HM) *THYMUS EXTRACTS
(HM) *PEPTIDES
(II) ADJUVANTS, IMMUNOLOGIC
(NO) immunologically active peptide with positive effect on transplantation immunity

TAC 278
(RN) 65906-75-4
(RR) 76481-58-8 ((cis-(+-))-isomer)
(SY) TAC-278
(SY) ethyl t-butoxy-5-fluoro-hexahydro-2,4-dioxopyrimidine-5-carboxylate
(SY) 5-Pyrimidinecarboxylic acid, 4-butoxy-5-fluorohexahydro-2,6-dioxo-, ethyl ester, cis-(+-)-
(HM) FLUOROURACIL/*analogs
(PA) ANTINEOPLASTIC AGENTS
(NO) prodrug of 5-fluorouracil; RN given refers to cpd with unspecified isomeric designation

TAC-278 see TAC 278

TAD
(HM) TAMOXIFEN
(HM) AMINOGLUTETHIMIDE
(HM) DANAZOL
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds; do not confuse with a protocol sometimes called TAD which consists of thioguanine, cytarabine & daunomycin (DAT protocol)

TA-delta-Phe-GNH2 see tyrosyl-alanyl-delta-phenylalanyl-glycinamide

tadenan
(RN) 661-19-8
(SY) V-1326
(SY) Debat
(HM) *FATTY ALCOHOLS
(II) PLANT EXTRACTS
(NO) from powdered bark of Pygaeum africanum (Rosaceae);active principle identified as docosanol

taenitaz see nitazoxanide

TAFA see tumor-associated fetal antigen

TA-GA see tetrahydroaldosterone 3 beta-glucosiduronic acid

tagatose
(RN) 17598-81-1
(RR) 20197-42-6 ((beta-D)-isomer)
(RR) 73952-11-1 ((DL)-isomer)
(RR) 512-20-9 ((alpha-D)-isomer)
(RR) 87-81-0 ((D)-isomer)
(SY) D-tagatose
(HM) *HEXOSES
(NO) RN given refers to cpd with unspecified isomeric designation

D-tagatose see tagatose

tagatose 1,6-diphosphate aldolase
(RN) EC 4.1.2.-
(HM) *ALDEHYDE-LYASES

D-tagatose 1,6-diphosphate
(RN) 55529-38-9
(SY) tagatose 1,6-diphosphate
(HM) *HEXOSEDIPHOSPHATES

tagatose 1,6-diphosphate see D-tagatose 1,6-diphosphate

tagatose 6-phosphate kinase
(RN) EC 2.7.1.-
(HM) *PHOSPHOTRANSFERASES, ATP

tagatose 6-phosphate
(RN) 53798-20-2
(SY) D-tagatose-6-phosphate
(HM) *HEXOSEPHOSPHATES
(NO) RN in 9th CI Form Index for alpha-D-tagatofuranose 6-(dihydrogen phosphate): 53798-20-2

D-tagatose-6-phosphate see tagatose 6-phosphate

tagaturonate reductase
(RN) EC 1.1.1.58
(RR) 9028-45-9 (CRN)
(SY) altronate oxidoreductase
(SY) D-altronate-NAD+ 3-oxidoreductase
(SY) altronate-NAD dehydrogenase
(HM) *CARBOHYDRATE DEHYDROGENASES
(NO) catalyzes the NAD dependent oxidation of altronate to tagaturonate; online & Index Medicus search ALCOHOL OXIDORECUCTASES (75-77), CARBOHYDRATE DEHYDROGENASES (78-82)

T-agglutinin
(HM) *HEMAGGLUTININS
(HM) *IGM
(NO) antibody belonging to IgM group directed against T-antigenic sites on mammalian erythrocytes following desialylation

TagII see 3-methyladenine-DNA glycosidase

taglutimide see biglumide

TAG-NP see tyrosyl-alanyl-glycyl-nitrophenylalanylamide

TAGPA see tyrosyl-alanyl-glycyl-phenylalaninamide

TAG peptide see tyrosyl-alanyl-glycine

TAGPP see 1-(2,3,4,6-tetraacetyl-beta-D-glucopyranosyl) phenobarbital

TAIAH see N-(alanyl-alanyl-alanyl)isonicotinic acid hydrazide

tail sheath protein P18 see viral tail proteins

tail spike protein phage P22 see viral tail proteins

taipoxin
(RN) 52019-39-3
(HM) *ELAPID VENOMS
(PA) NEUROMUSCULAR BLOCKING AGENTS
(NO) from Oxyuranus s. scutellatus, an elapid; presynaptically active neurotoxin

takacidin see monazomycin

takadiastase see Aspergillus oryzae carboxyl proteinase

takaokamycin
(RN) 92092-69-8
(HM) PEPTIDES
(PA) ANTIBIOTICS
(NO) from Streptomyces sp. AC-1978; MW 1,130

Taktic see amitraz

talamonal see Innovar

TalANAc see N-acetyltalosaminuronic acid

talin
(HM) *MUSCLE PROTEINS
(II) MEMBRANE PROTEINS
(NO) MW 215,000; cytoskeletal protein from smooth muscle; localized in adhesion plaques

talinolol
(RN) 38649-73-9
(RR) 50903-24-7 (unspecified acetate)
(RR) 50903-21-4 (unspecified benzoate)
(RR) 50903-23-6 (unspecified tartrate (L-(+))-isomer)
(RR) 38652-06-1 (tartrate[2:1] (L-(+))-isomer)
(RR) 50903-22-5 (unspecified oxalate)
(RR) 38652-05-0 (oxalate[2:1])
(RR) 50903-27-0 (unspecified HCl)
(RR) 50903-25-8 (unspecified salicylate)
(RR) 38652-07-2 (monoacetate)
(RR) 38652-10-7 (mono-HCl)
(RR) 38652-08-3 (monosalicylate)
(RR) 38652-09-4 (mononitrate)
(RR) 50903-26-9 (unspecified nitrate)
(RR) 50903-28-1 (unspecified sulfate)
(RR) 38652-11-8 (sulfate[2:1])
(RR) 57460-41-0 ((+-)-isomer)
(SY) Cordanum
(SY) 1-(4-cyclohexylureidophenoxy)-2-hydroxy-3-tert-butylaminopropane
(HM) *PROPANOLAMINES
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS
(NO) RN given refers to parent cpd

talisomycin see tallysomycin

tallow
(RN) 61789-97-7
(HM) *FATS

tallysomycin
(RN) 67995-68-0
(RR) 65057-91-2 (tallysomycin B)
(RR) 65057-90-1 (tallysomycin A)
(SY) talisomycin
(SY) tallysomycin A
(SY) tallysomycin S(10) b
(HM) *BLEOMYCINS
(NO) contains components A & B; glycopeptide related to bleomycin antibiotic from actinomycetes strain 6465-94; RN given refers to cpd with unknown MF

tallysomycin A see tallysomycin

tallysomycin S(10) b see tallysomycin

Talon see bromfenacoum

Talon-G see bromfenacoum

talopeptin
(RN) 84235-60-9
(SY) talopeptin (MKI)
(SY) N-(6-deoxy-alpha-talopyranosyloxyphospho)-leucyl-tryptophan
(HM) *GLYCOPEPTIDES
(PA) THERMOLYSIN/antag
(NO) from Streptomyces; similar to phosphoramidon

talopeptin (MKI) see talopeptin

talsupram see Lu 5-003

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taluosil
(SY) panadiene
(SY) panadiene compound
(HM) *ACETAMINOPHEN
(HM) *CODEINE
(HM) DRUG COMBINATIONS
(PA) ANALGESICS
(NO) combination of above compounds

TAL 3
(RN) 80702-64-3
(SY) TAL-3
(HM) *IMIDAZOLES
(NO) protects metals from corrosion under the influence of petroleum products; related to nitrogen-containing inhibitors of the imidazoline series; created for AIMS test

TAL-3 see TAL 3

tamase see tosylarginine methyl ester hydrolase

tamase-1 see tosylarginine methyl ester hydrolase

TAME esterase see tosylarginine methyl ester hydrolase

TAME hydrolase see tosylarginine methyl ester hydrolase

tamitinol
(RN) 61711-37-3
(SY) EMD 21657
(HM) *PYRITHIOXIN/analogs

Tamm-Horsfall glycoprotein see uromucoid

Tamm-Horsfall-GP see uromucoid

Tamm-Horsfall protein see uromucoid

tamoxifen analog II
(RN) 59130-21-1
(RR) 33044-82-5 ((trans)-isomer)
(RR) 36611-98-0 ((cis)-isomer)
(SY) analog II, tamoxifen
(HM) TAMOXIFEN/*analogs
(NO) RN given refers to cpd without isomeric designation; structure given in first source

tamoxifen aziridine
(RN) 79642-44-7
(HM) TAMOXIFEN/*analogs
(NO) estrogen receptor inactivator; structure given in first source

tamoxifen metabolite B see 4-hydroxytamoxifen

tamoxifen N-oxide
(RN) 75504-34-6
(HM) TAMOXIFEN/*analogs
(PA) ESTROGEN ANTAGONISTS

tamoxifen receptor
(SY) tamoxifen receptors
(SY) receptor, tamoxifen
(SY) Tx receptor
(SY) Tx binding sites
(SY) antiestrogen-binding protein
(SY) H1285 receptor
(HM) *RECEPTORS, ESTROGEN

tamoxifen receptors see tamoxifen receptor

tamrabhasma
(HM) *COPPER
(HM) *FERROUS COMPOUNDS
(HM) *ASCORBIC ACID
(HM) DRUG COMBINATIONS
(PA) ANTI-ULCER AGENTS
(NO) Ayurvedic preparation of copper containing cupric oxide, ferrous sulfate & ascorbic acid

t-amyl alcohol see tert-amyl alcohol

tandamine
(RN) 42408-80-0
(RR) 58167-78-5 (mono-HCl)
(RR) 60188-76-3 (HCl(+)-isomer)
(RR) 60188-75-2 (HCl(-)-isomer)
(RR) 60188-74-1 (HCl(+-)-isomer)
(SY) AY 23946
(SY) 1-(2-(dimethylamino)ethyl)-9-ethyl- 1,3,4,9-tetrahydro-1-methylthiopyrano(3,4-b)indole
(HM) *INDOLES
(PA) ANTIDEPRESSIVE AGENTS, TRICYCLIC
(NO) synonym AY 23946 refers to HCl; RN given refers to parent cpd; structure

TANDEM
(RN) 63478-55-7
(SY) des-N-tetramethyltriostin A
(HM) QUINOXALINES
(PA) ANTIBIOTICS
(II) INTERCALATING AGENTS
(NO) synthetic analog of quinoxaline antibiotics

Tangier apo A-I see apolipoprotein A-I Tangier

Tangier proapo A-I see pro-apolipoprotein A-I Tangier

tannase
(RN) EC 3.1.1.20
(RR) 9025-71-2 (CRN)
(SY) tannin acylhydrolase
(HM) *CARBOXYLIC ESTER HYDROLASES

tannin acylhydrolase see tannase

tanol see 2,2,6,6-tetramethyl-4-piperidinol-N-oxyl

tanshinone
(RN) 568-73-0
(RR) 568-72-9 (tanshinone II A)
(RR) 17397-93-2 (tanshinone II B)
(HM) *PHENANTHRENES
(PA) ANTI-INFECTIVE AGENTS
(II) PLANT EXTRACTS
(NO) ether extract from Dan-Shen, root of Salvia miltiorrhiza Bunge; RN given refers to tanshinone I

tanshinone II A sodium sulfonate
(RN) 69659-80-9
(SY) danshen-201
(SY) sodium tanshinone II A sulfonate
(SY) DS-201
(HM) *PHENANTHRENES
(PA) CARDIOVASCULAR AGENTS
(II) PLANT EXTRACTS
(NO) water-soluble derivative of tanshinone II A; isolated from Salvia militiorrhiza; relieves anginal pain; structure

T4 antigen, T cell see differentiation antigens, T lymphocyte

T3 antigen complex
(SY) T3 complex
(HM) *ANTIGENS, SURFACE
(II) GLYCOPROTEINS
(II) T-LYMPHOCYTES
(NO) cell surface marker consisting of 4 distinct glycoproteins; recognized by monoclonal antibodies OKT3; includes T3/Ti, 9.3 antigens

T-antigen, erythrocyte see beta-D-galactosyl(1-3)-N-acetyl-D-galactosamine

T 11 antigen see differentiation antigens, T lymphocyte

T11 antigen see T cell activation antigen

T6 antigen see differentiation antigens, T lymphocyte

T8 antigen see differentiation antigens, T lymphocyte

T9 antigen see T cell activation antigen

TA oic methyl ester see triamcinolone acetonide 21-oic acid methyl ester

TAPA
(HM) THIOGUANINE
(HM) DOXORUBICIN
(HM) PREDNISONE
(HM) CYTARABINE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above 4 cpds; used in treatment of myeloblastic leukemia

TAPADMG see 4-(trifluoroacetamido)phenyl-2-acetamido-2-deoxy-4-O-beta-mannopyranosyl-beta-glucopyranoside

TAPAP see N-alpha-tosyl-(3-amidinophenyl)alanine piperidide

TAPGNH2 see tyrosyl-alanyl-phenylalanyl-glycinamide

TAPT see tyrosine-4-azophenyltrimethylammonium chloride

TAP-144 see leuprolide

TAP 144 see leuprolide

TaqI endonuclease see endodeoxyribonuclease TaqI

TaqII endonuclease see endodeoxyribonuclease TaqII

tara gum
(RN) 39300-88-4
(HM) *POLYSACCHARIDES
(II) FOOD ADDITIVES

Tardak see delmadinone

Tardolyt see aristolochic acid I

Tardomyocel compound
(HM) *DIHYDROSTREPTOMYCIN
(HM) *PENICILLIN G
(HM) *PENICILLIN G, PROCAINE
(HM) DRUG COMBINATIONS
(NO) combination of above 3 cpds

tardyferon
(RN) 75285-30-2
(SY) Fe 169
(HM) *FERROUS COMPOUNDS
(HM) *MUCINS
(HM) DRUG COMBINATIONS
(NO) contains 80 mg of ferrous sulfate & 80 mg of mucin; used in treatment of iron-deficiency anemia

targesin
(RN) 8002-27-5
(SY) Rollkur
(HM) *TANNINS
(HM) *SILVER PROTEINS
(NO) colloidal complex of diacetyltannin silver protein compound

tartaric acid
(RN) 526-83-0
(RR) 147-73-9 ((R*,S*)-isomer)
(RR) 28959-58-2 (NH4-Na[1:1:1] salt(R*,R*)-(+-)-isomer)
(RR) 3095-65-6 (mono-NH4 salt(R-(R*,R*))-isomer)
(RR) 147-71-7 ((S-(R*,R*))-isomer)
(RR) 87-69-4 ((R-(R*,R*))-isomer)
(RR) 133-37-9 (((R*,R*)-(+-))-isomer)
(SY) tartrate
(SY) potassium tartrate
(SY) sodium tartrate
(SY) sodium ammonium tartrate
(SY) (R*,R*)-(+-)-2,3-dihydroxybutanedioic acid, monoammonium monosodium salt
(SY) ammonium tartrate
(SY) aluminum tartrate
(HM) *TARTRATES
(II) ALUMINUM
(NO) RN given refers to cpd with unspecified isomeric designation

tartaric acid dihydrazide
(RN) 54789-92-3
(HM) *TARTRATES
(II) CROSS-LINKING REAGENTS
(NO) structure given in first source

tartrate see tartaric acid

D-(-)-tartrate dehydratase
(RN) EC 4.2.1.-
(SY) D-(-)-tartrate hydrolyase
(HM) *HYDRO-LYASES
(NO) from Rhodopseudomonas spheroides; does not act on L-(+)-tartrate; forms oxaloacetate

tartrate dehydrogenase
(RN) EC 1.1.1.93
(HM) *ALCOHOL OXIDOREDUCTASES

D-(-)-tartrate hydrolyase see D-(-)-tartrate dehydratase

tartronic acid
(RN) 80-69-3
(SY) hydroxymalonic acid
(SY) hydroxymalonate
(HM) *TARTRONATES

tartryl diazide
(RN) 54789-87-6
(HM) *AZIDES
(II) CROSS-LINKING REAGENTS
(NO) cleavable protein cross-linking agent

tarugan see morazone

Taselin see octanohydroxamic acid

Tasmaderm see Ro 11-1430

Tasto see aloglutamol

TATA see tumor-associated transplantation antigen

TATA-4 see tumor antigen TA-4

TATCH see O-ethyl N,N-dimethylamino-S-(2-diethylaminoethyl) thiophosphate

2,4,6-TAT see 2',3'-O-(2,4,6-trinitrophenyl)adenosine 5'-triphosphate

tau
(SY) tau protein
(HM) *MICROTUBULE-ASSOCIATED PROTEINS
(II) NERVE TISSUE PROTEINS
(NO) accessory protein required by tubulin (when purified by phosphocellulose chromatography) for growth onto microtubule initiating sites

tau factor
(HM) *TRANSCRIPTION FACTORS
(NO) involved in primary step of tRNA synthesis & forms stable complex with tRNA

N-tau-methylhistamine see 3-methylhistamine

tau-methylhistamine see 3-methylhistamine

N(tau)-methylhistidine see 3-methylhistidine

tau protein see tau

N(tau)-ribosylhistidine
(SY) His-R
(HM) HISTIDINE/*analogs
(NO) from urine of histidinemic patients

taurine dichloramine
(RN) 80638-45-5
(HM) TAURINE/*analogs

taurine monochloramine see N-chlorotaurine

taurine receptor
(SY) taurine receptors
(SY) receptor, taurine
(HM) *SYNAPTIC RECEPTORS
(II) TAURINE

taurine receptors see taurine receptor

taurine transport protein
(HM) *CARRIER PROTEINS
(NO) characterized protein which is involved in taurine uptake by the myocardium; different from taurine receptor

taurine-ursodeoxycholate conjugate
(SY) TAUSC
(HM) *URSODEOXYCHOLIC ACID
(HM) *TAURINE

tauro-3 alpha,12 alpha-dihydroxy-7-keto-5-beta- cholanoic acid see 3,12-dihydroxy-7-oxocholanoyltaurine

tauro-3 alpha-hydroxy-7-keto-5 beta-cholanoic acid see 3-hydroxy-7-oxocholanoyltaurine

tauro-3 beta-hydroxy-5-cholenoate sulfate see tauro-3 beta-hydroxy-5-cholenoate

tauro-3 beta-hydroxy-5-cholenoate
(RN) 17238-48-1
(SY) tauro-3 beta-hydroxy-5-cholenoate sulfate
(HM) *CHOLENES
(II) BILE ACIDS AND SALTS
(NO) RN given refers to Na salt; RN for parent cpd or sulfate not in Chemline 8/29/83

tauro-beta-muricholic acid see tauromuricholic acid

taurochenodeoxycholate-3-sulfate conjugate see taurochenodeoxycholate-3-sulfate

taurochenodeoxycholate-3-sulfate
(SY) TCDCS
(SY) taurochenodeoxycholate-3-sulfate conjugate
(HM) TAUROCHENODEOXYCHOLIC ACID/*analogs

taurocholate carrier protein
(HM) *CARRIER PROTEINS
(II) TAUROCHOLIC ACID

taurocyamine
(RN) 543-18-0
(SY) guanidinoethane sulfonic acid
(SY) guanidinoethyl sulfonate
(SY) guanidinoethane sulfonate
(HM) TAURINE/*analogs
(NO) structure

taurodehydrocholate
(RN) 517-37-3
(RR) 57011-24-2 (Na salt)
(HM) TAUROCHOLIC ACID/*analogs
(NO) RN given refers to parent cpd

tauro-7,12-dihydroxy-5-cholanic acid
(RN) 5571-91-5
(HM) *TAURODEOXYCHOLIC ACID
(II) ISOMERISM
(NO) RN given refers to (5beta,7alpha,12alpha)-isomer; RN for cpd without isomeric designation not in Chemline 12/21/83

tauroflex see taurolin

tauroglycocholic acid
(RN) 11006-55-6
(SY) sodium tauroglycocholate
(HM) TAUROCHOLIC ACID/*analogs
(NO) RN given refers to cpd with unknown MF

taurolin
(RN) 19388-87-5
(SY) 4,4'-methylenebis-(tetrahydro-1,2,4-thiadiazine-, 1,1-dioxide)
(SY) tauroflex
(SY) tauroline
(SY) bis- (1,1-dioxoperhydro-1,2,4-thiadiazinyl-4) methane
(SY) bis(1,1-dioxo-perhydro-1,2,4-thiadiazinyl-4) methane
(HM) *THIADIAZINES
(PA) ANTISEPTICS
(PA) ANTI-INFECTIVE AGENTS

tauroline see taurolin

tauromuricholic acid
(RN) 25696-60-0
(RR) 25613-05-2 ((3alpha,5beta,6beta,7alpha)-isomer)
(SY) tauro-beta-muricholic acid
(HM) TAUROCHOLIC ACID/*analogs
(NO) RN given refers to (3 alpha,5 beta,6 beta,7 beta)-isomer; RN for cpd without isomeric designation not in Chemline 7/29/83

tauronorcholate see tauronorcholic acid

tauronorcholic acid
(RN) 87700-06-9
(SY) tauronorcholate
(HM) TAUROCHOLIC ACID/*analogs

tauro-23-selena-25-homotaurocholic acid see 23-seleno-25-homotaurocholic acid

tauroursodeoxycholic acid
(RN) 14605-22-2
(RR) 66255-08-1 ((3alpha,5alpha,7alpha)-isomer)
(RR) 35807-85-3 (mono-Na salt(3alpha,7alpha)-isomer)
(RR) 6009-98-9 (mono-Na salt(3alpha,5beta,7alpha)-isomer)
(SY) TUDCA
(HM) *TAUROCHENODEOXYCHOLIC ACID
(II) ISOMERISM
(NO) RN given refers to (3alpha,5beta,7beta)-isomer; RN for cpd without isomeric designation not in Chemline 7/83

TAUSC see taurine-ursodeoxycholate conjugate

taxifolin
(RN) 480-18-2
(SY) dihydroquercetin
(HM) *QUERCETIN/analogs
(PA) ANTI-INFLAMMATORY AGENTS
(NO) structure

taxiphyllin
(RN) 21401-21-8
(SY) (R)-p-hydroxymandelonitrile-D-glucopyranoside
(HM) *NITRILES
(NO) cyanogenic glycoside from plant Taxus; (S) epimer is dhurrin; structure

taxol
(RN) 33069-62-4
(SY) NSC-125973
(HM) *ALKALOIDS
(PA) ANTINEOPLASTICS, BOTANICAL
(II) MICROTUBULES/drug eff
(NO) isolated from Taxus brevifolia; also inhibits insulin secretion structure

tazolol
(RN) 39832-48-9
(SY) H110/38
(SY) 1-isopropylamino-3-(2-thiazoloxy)-2-propanol
(HM) *PROPANOLAMINES
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS
(PA) ADRENERGIC BETA RECEPTOR AGONISTS
(NO) structure

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TA 058
(RN) 63358-49-6
(SY) TA-058
(SY) N(4)-methyl-D-asparaginylamoxicillin
(SY) aspoxicillin
(HM) AMOXICILLIN/*analogs
(NO) structure given in first source

TA-058 see TA 058

TA 064
(RN) 71771-90-9
(SY) TA-064
(SY) (3,4-dimethoxyphenethylaminomethyl)-4-hydroxybenzyl alcohol
(SY) denopamine
(HM) *ETHANOLAMINES
(PA) CARDIOTONIC AGENTS
(NO) structure given in first source

TA-064 see TA 064

TA 077
(RN) 70189-62-7
(SY) TA-077
(SY) 1-(2-chloroethyl)-3-isobutyl-3-(beta-maltosyl)-1-nitrosourea
(HM) *NITROSOUREA COMPOUNDS
(PA) ANTINEOPLASTIC AGENTS
(NO) structure given in first source

TA-077 see TA 077

TA 078
(RN) 85915-86-2
(SY) TA-078
(SY) (3,4-dimethoxyphenethylaminomethyl)-2-hydroxybenzyl alcohol
(HM) *ETHANOLAMINES
(PA) HYPOGLYCEMIC AGENTS
(NO) structure given in first source

TA-078 see TA 078

TA 1067 see largomycin

Ta-4 see tumor antigen TA-4

TA(4) see tetraiodothyroacetic acid

TA 60
(SY) TA-60
(SY) 2-(4-(3-methyl-2-butenyl)phenyl)propionic acid
(HM) *PHENYLPROPIONATES
(PA) ANTI-INFLAMMATORY AGENTS
(PA) PROSTAGLANDINS E/antag

TA-60 see TA 60

TA903 see Ta 903

Ta 903
(RN) 91574-91-3
(SY) TA-903
(SY) TA903
(SY) 2-benzyloxycarbonylphenyl trans-4-guanidinomethylcyclohexanecarboxylate- cyclodextrin
(HM) *CYCLOHEXANECARBOXYLIC ACIDS
(HM) *CYCLODEXTRINS
(NO) beta-cyclodextrin clathrate of above cpd inhibits the decrease of PGE(2) & PGI(2) in the mucosa; RN given refers to HCl; RN for parent cpd not available

TA-903 see Ta 903

T4 bacteriophage gene 61 priming protein see gene proteins, viral

T4 bacteriophage gene 44 replication protein see gene proteins, viral

T4 bacteriophage gene 45 replication protein see gene proteins, viral

T4 bacteriophage gene 62 replication protein see gene proteins, viral

TBADE see tetrabromobisphenol A diglycidyl ether

t-BBCPT receptor see t-butylbicyclophosphorothionate receptor

5-TBBD see 5-tert-butyl-1,3-benzodioxole

t-BB2B see tert-butylbicyclo-2-benzoate

TBCAI see tertiary-butyloxycarbonyl-alanine imidazolide

2,2',5,5'-TBC 3,4-oxide see 2,2',5,5'-tetrachlorobiphenyl 3,4-oxide

2,3,7-TBDD see 2,3,7-tribromobenzo-4-dioxin

TB-dehydrogenase (NADP+) see testosterone 17 beta-dehydrogenase (NADP+)

tBGTMAP see tertiary-butyloxycarbonyl-glycyl-tryptophyl-methionyl-aspartyl-phenylalaninamide

TBHBA see thiobenzyl N-heptafluorobutyrylanthranilate

TBHDCA see 1-(tert-butylthio)-1,2-hydrazinedicarboxylic acid

TBHQ see 2-tert-butylhydroquinone

2,4,5-TBIBC see 2,4,5-tribromoimidazole-1-n-butylcarboxylate

TBII see thyroid-stimulating immunoglobulin

3-TBKPBC see 3-tert-butylphenyl sec-butylcarbamate

T(N) blood group see blood group TN

tBNATMAP see tert-butyloxycarbonyl-aminooxyacetyl-tryptophyl-methionyl-aspartyl-phenylalaninamide

t-Boc-glutamic acid alpha benzyl ester see tert-butyloxycarbonyl-glutamic acid 1-benzyl ester

t-Boc-D-Leu-L-Phe-EA see N-tertiary-butyloxycarbonyl-leucyl-phenylalanine-ethanolamide

t-boc-Val-Gly-Arg-beta-naphthylamide see tert-butyloxycarbonyl-valyl-glycyl-arginine-2-naphthylamide

TBP see tributyl phosphate

TBP-Fe(II) see tris(2,2'-bipyridyl)-Fe(II) complex

TBPPE see tetrabromophenolphthalein ethyl ester

TBPS see tert-butylbicyclophosphorothionate

1,3,5-TBTGH see 1,3,5-triacetylbenzene tris(guanylhydrazone)

TBTO see lastanox Q

t-butanol see tert-butyl alcohol

t-butylbicyclophosphorothionate see tert-butylbicyclophosphorothionate

t-butylbicyclophosphorothionate receptor
(SY) t-butylbicyclophosphorothionate receptors
(SY) receptors, t-butylbicyclophosphorothionate
(SY) t-BBCPT receptor
(HM) *RECEPTORS, GABA-BENZODIAZEPINE

t-butylbicyclophosphorothionate receptors see t-butylbicyclophosphorothionate receptor

t-butyldimethylsilyl compounds
(SY) tert-butyl DMS cpds
(HM) *SILICON
(NO) derivatives for gas chromatographic analysis

t-butyl hydroperoxide see tert-butylhydroperoxide

t-butylnorepinephrine see colterol

t-butyloxycarbonylaspartic acid alpha-benzyl ester
(RN) 7536-58-5
(SY) Boc-Asp-OBzl
(HM) ASPARTIC ACID/*analogs
(NO) substrate for vitamin K-dependent carboxylase

t-butyloxycarbonyl group
(SY) butyloxycarbonyl group
(SY) BOC group
(HM) *FORMIC ACID ESTERS
(NO) blocking group for amino group of amino acids, peptides & proteins

t-butyloxycarbonylphenylalanylalanine
(RN) 55677-48-0
(SY) Boc-Phe-Ala
(SY) Boc-phenylalanyl-alanine
(HM) *DIPEPTIDES

1,3M1TB see 5-ethyl-5-(1,3-dimethyl-1-butenyl)barbituric acid

TB-450
(RN) 62682-46-6
(SY) TB 450
(SY) isozone
(SY) isazone
(SY) thiazina
(HM) *ISONIAZID
(HM) *THIACETAZONE
(HM) DRUG COMBINATIONS
(NO) each tablet contains 300 mg isoniazid & 150 mg of thiacetazone; commonly used for treatment of tuberculosis & for leprosy in combination with diaminodiphenylsulfone

TB 450 see TB-450

TCAB see 3,4,3',4'-tetrachloroazobenzene

TCAD see thiazole-4-carboxamide adenine dinucleotide

Tc-99m-N,alpha-(2,6-diethylacetanilide)iminodiacetic acid see technetium Tc 99m diethyl IDA

Tc(a) antigen
(HM) *BLOOD GROUPS
(NO) high frequency blood group red cell antigen

Tc-99m antimony sulfide see technetium Tc 99m antimony sulfide

TCAOB see 3,4,3',4'-tetrachloroazoxybenzene

Tc-AP see technetium Tc 99m-4-methylaminophenazone

Tc-APD see technetium Tc 99m 3-amino-1-hydroxypropane-1,1- diphosphonate

Tc-aprotinin see technetium Tc 99m aprotinin

Tc-Ap4A see technetium Tc 99m diadenosine tetraphosphate

Tc-ascorbate see technetium Tc 99m iron-ascorbic acid

Tc-ATP see technetium Tc 99m adenosine triphosphate

TCA 21-P see triamcinolone acetonide 21-palmitate

3-TCBHA see N-3-tolyl-4-chlorobenzohydroxamic acid

Tc-BIDA see technetium Tc 99m (para-butyl)iminodiacetic acid

Tc-BIMIDA see technetium Tc 99m benzimidazolyl iminodiacetic acid

Tc-99m-N,N'-bis(mercaptoacetamido)ethylenediamine see technetium Tc 99m N,N'-bis(mercaptoacetamido) ethylenediamine

Tc-99m N,N'-bis(mercaptoacetyl)-2,3-diaminopropanoate see technetium Tc99m N,N'-bis(mercaptoacetyl)-2,3-diaminopropanoate

Tc-BMADAP see technetium Tc99m N,N'-bis(mercaptoacetyl)-2,3- diaminopropanoate

Tc-BMAED see technetium Tc 99m N,N'-bis(mercaptoacetamido) ethylenediamine

Tc-99m 3-bromo-2,4,6-trimethyliminodiacetic acid see technetium Tc 99m mebrofenin

Tc-BTM-IDA see technetium Tc 99m 3-bromo-2,4,6-trimethyliminodiacetic acid

Tc-p-butyl HIDA see technetium Tc 99m (para-butyl)iminodiacetic acid

2,2',4,5'-TCB see 2,2',4,5'-tetrachlorobiphenyl

2,4,2',4'-TCB see 2,4,2',4'-tetrachlorobiphenyl

TCC see triclocarban

Tc-99m-Cu(1)-EHDP see technetium Tc 99m etidronate

Tc-cyclam see technetium Tc 99m cyclam

TCDBDRP see 2,3,7,8-tetrachlorodibenzo-p-dioxin receptor

TCDCS see taurochenodeoxycholate-3-sulfate

Tc-99m dextran see technetium Tc99m dextran

2,3,7,8-TCDF see 2,3,7,8-tetrachlorodibenzofuran

Tc-99m 2,3-dicarboxypropane-1,1-diphosphonic acid see technetium Tc 99m 1,1-diphosphonopropane-2,3-dicarboxylic acid

Tc-99m DIDA see technetium Tc 99m diethyl IDA

Tc-99m N-(2,6-diethylacetanilide)iminodiacetate see technetium Tc 99m diethyl IDA

99m Tc-diethyldithiocarbamate see technetium Tc 99m diethyldithiocarbamate

Tc-diethyl HIDA see technetium Tc 99m diethyl IDA

Tc-99m diethyl-IDA see technetium Tc 99m diethyl IDA

Tc-diethyliminodiacetic acid see technetium Tc 99m diethyl IDA

Tc-99m-diethyl-iminodiacetic acid see technetium Tc 99m diethyl IDA

Tc-diisopropyl IDA see technetium Tc 99m disofenin

Tc-2,3-dimercaptosuccinate see technetium Tc 99m dimercaptosuccinic acid

Tc-dimercaptosuccinic acid see technetium Tc 99m dimercaptosuccinic acid

Tc-disofenin see technetium Tc 99m disofenin

Tc-DMAD see technetium Tc 99m dimethylaminodiphosphonate

trans-(99Tc(dmpe)2Cl2 see technetium Tc 99m bis(1,2-dimethylphosphino)ethane

Tc-99m DMPE see technetium Tc 99m bis(1,2-dimethylphosphino)ethane

99m Tc DMP see technetium Tc 99m 2,3-dimercaptopropionic acid

Tc-DMSA see technetium Tc 99m dimercaptosuccinic acid

Tc-99m-DMSA see technetium Tc 99m dimercaptosuccinic acid

TCDO see oxoferin

Tc-99m DPD see technetium Tc 99m 1,1-diphosphonopropane-2,3- dicarboxylic acid

TCD-PGF2alpha see 18,19,20-trinor-17-cyclohexyl-13,14-dehydroprostaglandin F2alpha methyl ester

Tc-DTPA see technetium Tc 99m pentetate

(99m)Tc-DTPA see technetium Tc 99m pentetate

Tc-99m DTPA see technetium Tc 99m pentetate

Tc-EDDA see technetium Tc 99m ethylenediamine-N,N-diacetic acid

Tc-99m-EDDA see technetium Tc 99m ethylenediamine-N,N-diacetic acid

Tc-EDTA see technetium Tc 99m EDTA

Tc-99m-EHDP see technetium Tc 99m etidronate

T cell activation antigen

(SY) Tac antigen
(SY) T11 antigen
(SY) MALA-2
(SY) MALA-1
(SY) Ta1 antigen
(SY) T9 antigen
(SY) T-cell activation antigens
(HM) *ANTIGENS, SURFACE
(II) RECEPTORS, ANTIGEN, T-CELL
(NO) monoclonal antibody anti-Tac recognizes receptor sites for IL-2 on activated human T cells; expressed on activated murine lymphocytes; MW 95-100Kd; see also related record for mitogenic factor receptor

T-cell activation antigens see T cell activation antigen

T cell-dependent B cell activator see B cell-activating factor

T-cell differentiation antigen Leu-11 see differentiation antigens, T lymphocyte

T-cell differentiation antigen Leu-2 see differentiation antigens, T lymphocyte

T-cell differentiation antigen Leu-7 see differentiation antigens, T lymphocyte

T-cell growth factor receptor see mitogenic factor receptor

T-cell leukemia antigens see thymus-leukemia antigens

T-cell-replacing factor

(SY) T cell-replacing factor
(SY) replacing factor, T-cell
(HM) *LYMPHOKINES
(PA) IMMUNOSTIMULANTS
(NO) derived from congeneic thymus cells

T cell-replacing factor see T-cell-replacing factor

6-TCENA see 6-(2-(2,6,6-trimethyl-1-cyclohexen-1-yl)ethen-1-yl)-2-naphthalenecarboxylic acid

2,2,2-TCE-platinum see 2,2,2-trichloroethylene platinum(II)

Tc-ethane-1-hydroxyl-1,1-diphosphonate see technetium Tc 99m etidronate

Tc-FeAsc see technetium Tc 99m iron-ascorbic acid

99m Tc ferric oxide see technetium Tc 99m ferric oxide

99m-Tc-fibrinogen see technetium Tc 99m fibrinogen

Tc-99m-fibrinogen see technetium Tc 99m fibrinogen

Tc-fosfomycin see technetium Tc 99m phosphomycin

Tc-99m-galactosyl-neoglycoalbumin see technetium Tc 99m neogalactoalbumin

TCGF receptor see mitogenic factor receptor

TCGF receptors see mitogenic factor receptor

Tc-gluceptate see technetium Tc 99m gluceptate

Tc-99m gluceptate see technetium Tc 99m gluceptate

Tc-99m glucoheptonate see technetium Tc 99m gluceptate

Tc-99m gluconate see technetium Tc 99m gluconate

Tc99m-Gpp(NH)p see technetium Tc99m 5'-guanylylimidodiphosphate

Tc-99m 5'-guanylylimidodiphosphate see technetium Tc99m 5'-guanylylimidodiphosphate

Tc-HEDP see technetium Tc 99m etidronate

Tc-HEPIDA see technetium Tc 99m lidofenin

Tc-99m hexakis(tert-butylisonitrile) see technetium Tc 99m hexakis(tert-butylisonitrile)

Tc-99m-hexamethylpropylene amineoxime see technetium Tc 99m-hexamethylpropyleneamine oxime

Tc-HIDA see technetium Tc 99m lidofenin

Tc-99m-HIDA see technetium Tc 99m lidofenin

Tc-HMDP see technetium Tc 99m hydroxymethylene diphosphonate

TcHMDP see technetium Tc 99m hydroxymethylene diphosphonate

99m-Tc HMPAO see technetium Tc 99m-hexamethylpropyleneamine oxime

99m Tc-HPD see technetium Tc 99m hematoporphyrin derivative

Tc-99m-HPD see technetium Tc 99m hematoporphyrin derivative

Tc-99m hydroxymethylene diphosphonate see technetium Tc 99m hydroxymethylene diphosphonate

Tc-99m-imidodiphosphate see technetium Tc 99m-imidodiphosphate

TCIN see 1-thiocarbamoyl-2-imidazolidinone

TCIP see 2,3,6-trichloroindophenol

Tc-iprofenin see technetium Tc 99m PIPIDA

Tc-lidofenin see technetium Tc 99m lidofenin

Tc-99m-mercaptosuccinate see technetium Tc 99m monomercaptosuccinic acid

Tc-99mpyridoxylideneisoleucine see technetium Tc 99m pyridoxylideneisoleucine

TCNB see tetrachloronitrobenzene

Tc-99m neogalactoalbumin see technetium Tc 99m neogalactoalbumin

Tc-NGA see technetium Tc 99m neogalactoalbumin

Tc-NMMDP see technetium Tc 99m N-(methylamino)methylene diphosphonate

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TCN-monophosphate see triciribine phosphate

TCN-P see triciribine phosphate

TCNQ see tetracyanoquinodimethane

3,7,12,23-TCOA see 3 alpha,7 alpha,12 alpha,23-tetrahydroxy-5 beta- cholan-24-oic acid

3,7,23-TCOA see 3 alpha,7 alpha,23-trihydroxy-5 beta-cholan-24-oic acid

T3 complex see T3 antigen complex

Tc-99m oxidronate see technetium Tc 99m hydroxymethylene diphosphonate

Tc-oxine see technetium Tc 99m 8-hydroxyquinoline

Tc-PAEP see technetium Tc 99m N-phosphorylaminoethyl phosphate

Tc-99m-penicillamine see technetium Tc 99m penicillamine

Tc-PG see technetium Tc 99m pyridoxylidene glutamate

TC-PHMT see technetium Tc 99m (Sn)-N-pyridoxyl-5-methyltryptophan

Tc 99m phosphate see technetium Tc 99m phosphate

Tc-phytate see technetium Tc 99m phytate

Tc-99m-phytate see technetium Tc 99m phytate

TCPII see 2-(2,3,6-trichlorophenylimino)imidazolidine

Tc-PIPIDA see technetium Tc 99m PIPIDA

(99m)Tc-PIPIDA see technetium Tc 99m PIPIDA

Tc-99m plasmin see technetium Tc 99m plasmin

Tc-PM tetracycline see technetium Tc 99m rolitetracycline

Tc-polystyrene see technetium Tc 99m polystyrene

TCPP see tetracarboxyphenylporphine

Tc-99m PPA see technetium Tc 99m pyridoxylphenylalanine

Tc 99m-PXHDA see technetium Tc 99m N-pyridoxylidenehydrazine-N',N'- diacetic acid

Tc-99m N-PXH-N',N'-DiAc see technetium Tc 99m N-pyridoxylidenehydrazine-N',N'- diacetic acid

Tc-99m pyridoxalphenylalanine see technetium Tc 99m pyridoxylphenylalanine

Tc-pyridoxylideneisoleucine see technetium Tc 99m pyridoxylideneisoleucine

Tc-99m pyridoxyl-5-methyltryptophan see technetium Tc 99m pyridoxyl-5-methyltryptophan

99m Tc-pyrophosphate see technetium Tc 99m pyrophosphate

TcReS colloid see technetium Tc rhenium-sulfur colloid

Tc-99m-rhenium colloid see technetium Tc 99m rhenium colloid

Tc-SDVB see technetium Tc99m-styrene-divinylbenzene resin

Tc-secretin see technetium Tc 99m secretin

Tc-Sn-Ca-gluconate see technetium Tc 99m tin gluconate

99m Tc Sn colloid see technetium Tc 99m tin colloid

Tc-Sn-DMSA see technetium Tc 99m tin dimercaptosuccinic acid

Tc-Sn-EHDP see technetium Tc 99m (Sn) etidronate

Tc-Sn-MAA see technetium Tc 99m-Sn aggregated albumin

Tc-99m(Sn)methylenediphosphonate see technetium Tc 99m (Sn)methylenediphosphonate

Tc-99m(Sn)PHMT see technetium Tc 99m (Sn)-N-pyridoxyl-5-methyltryptophan

Tc Sn phosphate see technetium Tc 99m stannous phosphate

Tc-99m Sn-phytate see technetium Tc 99m stannous phytate

Tc-Sn-PPA see technetium Tc 99m (Sn) pyridoxylidenephenylalanine

Tc-99m(Sn)-N-pyridoxyl-5-methyltryptophan see technetium Tc 99m (Sn)-N-pyridoxyl-5-methyltryptophan

Tc-99m(Sn)-N-pyridoxylphenylalanine see technetium Tc 99m (Sn) pyridoxylidenephenylalanine

Tc-99m(Sn)pyridoxyltryptophan see technetium Tc 99m (Sn)-pyridoxylidenetryptophan

Tc Sn pyrophosphate see technetium Tc 99m stannous pyrophosphate

TcSnS see technetium Tc 99m tin-sulfur colloid

Tc-sodium etidronate see technetium Tc 99m etidronate

Tc solcocitran see technetium Tc 99m solcocitran

Tc-SQ 26,962 see technetium Tc 99m mebrofenin

Tc 99m stannous fluoride colloid see technetium Tc 99m tin fluoride colloid

Tc-99m-styrene-divinylbenzene copolymer resin see technetium Tc99m-styrene-divinylbenzene resin

Tc-99m sucralfate see technetium Tc 99m sucralfate

Tc-TAZU see technetium Tc 99m 1,4,8,11-tetraazaundecane

Tc-99m TBI see technetium Tc 99m hexakis(tert-butylisonitrile)

Tc-TDG see technetium Tc 99m thiodiglycolic acid

Tc-TDSA see technetium Tc 99m-thiodisuccinic acid

Tc-99m-tetraaminophthalocyanine see technetium-Tc 99m-tetraaminophthalocyanine

Tc-99m-tetracycline see technetium Tc 99m tetracycline

Tc-99m-tetranitrophthalocyanine see technetium Tc 99m-tetranitrophthalocyanine

Tc-99m-thiodisuccinic acid see technetium Tc 99m-thiodisuccinic acid

99m-Tc-thiosuccinic acid see technetium Tc 99m monomercaptosuccinic acid

Tc 99m tin colloid see technetium Tc 99m tin colloid

Tc-tin-DMSA see technetium Tc 99m tin dimercaptosuccinic acid

tc tin pyrophosphate see technetium Tc 99m stannous pyrophosphate

Tc-TMB-IDA see technetium Tc 99m-trimethylbromo-IDA

Tc-99m-N-(2,4,6-trimethylbromoacetanilide) iminodiacetate see technetium Tc 99m-trimethylbromo-IDA

Tc-99m-trimethylbromo-IDA see technetium Tc 99m-trimethylbromo-IDA

2,3,6-TCT see 2,3,6-trichlorotoluene

TCVS

(HM) *COAL TAR
(HM) *PETROLATUM
(HM) *SALICYLIC ACIDS
(HM) *ANTHRALIN
(HM) DRUG COMBINATIONS
(II) DERMATOLOGIC AGENTS
(NO) combination of above cpds used in treatment of psoriasis vulgaris

Tc-wofatit SBW see technetium Tc 99m-wofatit SBW

TC 13

(SY) TC-13
(HM) GLYCOPROTEINS
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) protein bound polysaccharide from rare actinomycete Microellobosporia grisea

TC-13 see TC 13

TDAGP see tyrosyl-alanyl-glycyl-phenylalanine

TDAM see tyrosylarginine methyl ester

TDAPGE see tyrosyl-arginyl-phenylalanyl-glycine ethyl ester

TDBPP see tris(2,3-dibromopropyl)phosphate

TDGA-CoA see 2-tetradecylglycidyl-coenzyme A

T-dG-P-NET-LHRH see LHRH, N-Et-ProNH(2)(9)-Trp(6)-des-GlyNH(2)(10)-

T3 differentiation antigen see differentiation antigens, T lymphocyte

T(8) differentiation antigen see differentiation antigens, T lymphocyte

T(6) diffrentiation antigen, T lymphocyte see differentiation antigens, T lymphocyte

TDMAC see tridodecylmethylammonium

T-DNA

(SY) T DNA
(HM) *DNA, BACTERIAL
(NO) bacterial plasmid DNA element whose transmission into plants causes plant cancer crown gall and related plant diseases

T DNA see T-DNA

T7 DNA-priming protein see DNA primase

T4 DNA replication protein see gene proteins, viral

TDOH see 5-(2-chlorophenyl)-1,3-dihydro-2H-thieno(2,3-e)(1,4) diazepin-2-one

5-TDPC see 5-tridecylpyrazole-3-carboxylic acid

TDP D-glucose oxidoreductase see dTDPglucose 4,6-dehydratase

3-TDPI iodide see O-(3-(trimethylammonium)phenyl)-1,3,2-dioxaphosphorinane 2-oxide

3-TDPI see O-(3-(trimethylammonium)phenyl)-1,3,2-dioxaphosphorinane 2-oxide

TDP sugars see thymidine diphosphate sugars

6-TDRA see 6-tridecylresorcylic acid

TDZ (hemostatic)
(HM) *ALUMINUM
(HM) *LIDOCAINE
(HM) *CETYLPYRIDINIUM
(HM) DRUG COMBINATIONS
(PA) HEMOSTATICS
(NO) contains aluminum chloride, lidocaine & cetylpyridinium

TEAB see triethylammonium bicarbonate

Tearisol see hydroxypropyl methylcellulose

tear proteins
(SY) mouse tear proteins
(SY) MTP-3
(HM) *EYE PROTEINS
(II) TEARS

TEATP see testicular anticoagulant protein

tebonin
(SY) ginkor
(HM) *BIOFLAVONOIDS
(PA) HEMOSTATICS
(NO) extract from a ginkgo plant

tebrofen
(RN) 27951-69-5
(SY) bi(3,5-dibromo-2,4-dihydroxyphenyl)
(HM) *POLYBROMOBIPHENYL COMPOUNDS
(PA) ANTIVIRAL AGENTS
(NO) russian drug; structure

tebuquine see WR 228,258

tebuthiuron
(RN) 34014-18-1
(SY) 1-(5-tert-butyl-1,3,4-thiadiazol-2-yl)-1,3-dimethylurea
(HM) *METHYLUREA COMPOUNDS
(PA) HERBICIDES, UREA

technetium 3-amino-1-hydroxypropane-1,1-diphosphonate see technetium Tc 99m 3-amino-1-hydroxypropane-1,1-diphosphonate

technetium-99m antimony colloid see technetium Tc 99m antimony sulfide

technetium antimony sulfide see technetium Tc 99m antimony sulfide

technetium antimony trisulfide see technetium Tc 99m antimony sulfide

technetium-N,N'-bis(mercaptoacetamido)ethylenediamine see technetium Tc 99m N,N'-bis(mercaptoacetamido) ethylenediamine

technetium-99m-(m-butoxy)iminodiacetic acid see technetium Tc 99m (meta-butoxy)iminodiacetic acid

technetium-99m-(p-butyl)iminodiacetic acid see technetium Tc 99m (para-butyl)iminodiacetic acid

technetium-99m calcium phytate see technetium Tc 99m stannous phytate

technetium-99m calcium stannous phytate see technetium Tc 99m stannous phytate

technetium diethylenetriamine pentaacetic acid see technetium Tc 99m pentetate

technetium diethyl IDA see technetium Tc 99m diethyl IDA

technetium-99m diisopropyl IDA see technetium Tc 99m disofenin

technetium 99m-diisopropyliminodiacetic acid see technetium Tc 99m disofenin

technetium 2,6-dimethylacetanilideiminodiacetic acid see technetium Tc 99m lidofenin

technetium dimethyl-IDA see technetium Tc 99m lidofenin

Technetium-99m dimethyl iminodiacetic acid see technetium Tc 99m lidofenin

technetium diphosphonate see technetium Tc 99m diphosphonate

technetium 99m-DMSA see technetium Tc 99m dimercaptosuccinic acid

technetium DTPA see technetium Tc 99m pentetate

technetium ethylenediamine-N,N-diacetic acid see technetium Tc 99m ethylenediamine-N,N-diacetic acid

technetium-99m-ethylenediamine see technetium Tc 99m ethylenediamine

technetium ferric oxide see technetium Tc 99m ferric oxide

technetium fibrinogen see technetium Tc 99m fibrinogen

technetium HEDP see technetium Tc 99m etidronate

technetium-99m-(p-hexyloxy)iminodiacetic acid see technetium Tc 99m (para-hexyloxy)iminodiacetic acid

technetium HIDA see technetium Tc 99m lidofenin

technetium hydroxyethylidine diphosphonate see technetium Tc 99m etidronate

technetium-iprofenin see technetium Tc 99m PIPIDA

technetium p-isopropylacetanilidoiminodiacetic acid see technetium Tc 99m PIPIDA

technetium p-isopropyl IDA see technetium Tc 99m PIPIDA

technetium lidofenin see technetium Tc 99m lidofenin

technetium N-(methylamino)methylene diphosphonate see technetium Tc 99m N-(methylamino)methylene diphosphonate

technetium-99mTc-bis(1,2-dimethylphosphino)ethane see technetium Tc 99m bis(1,2-dimethylphosphino)ethane

technetium-99m-(ortho-butyl)iminodiacetic acid see technetium Tc 99m (ortho-butyl)iminodiacetic acid

technetium-99m-(ortho-hexyloxy)iminodiacetic acid see technetium Tc 99m (ortho-hexyloxy)iminodiacetic acid

technetium-99m-N-(para-butyl-phenylcarbamoylmethyl) iminodiacetic acid see technetium Tc 99m (para-butyl)iminodiacetic acid

technetium penicillamine see technetium Tc 99m penicillamine

technetium (99m) pentetate see technetium Tc 99m pentetate

technetium pentetic acid see technetium Tc 99m pentetate

technetium phytate see technetium Tc 99m phytate

technetium polyphosphate see technetium Tc 99m polyphosphate

technetium pyridoxylidene glutamate see technetium Tc 99m pyridoxylidene glutamate

technetium pyridoxylideneglutamate see technetium Tc 99m pyridoxylidene glutamate

technetium pyridoxylidene hydrazine-N',N'-diacetic acid see technetium Tc 99m N-pyridoxylidenehydrazine-N',N'-diacetic acid

technetium pyridoxylidene isoleucine see technetium Tc 99m pyridoxylideneisoleucine

technetium-99m pyrophosphate see technetium Tc 99m pyrophosphate

technetium rhenium colloid see technetium Tc 99m rhenium colloid

technetium stannous chloride see technetium Tc 99m tin colloid

technetium stannous phytate see technetium Tc 99m stannous phytate

technetium stannous pyrophosphate see technetium Tc 99m stannous pyrophosphate

technetium 99-m stannous pyrophosphate see technetium Tc 99m stannous pyrophosphate

technetium Tc 99m adenosine triphosphate
(SY) Tc-ATP
(HM) *TECHNETIUM
(HM) *ADENOSINE TRIPHOSPHATE

technetium Tc 99m 3-amino-1-hydroxypropane-1,1-diphosphonate
(RN) 80549-01-5
(SY) Tc-APD
(SY) technetium 3-amino-1-hydroxypropane-1,1-diphosphonate
(HM) *TECHNETIUM
(HM) *DIPHOSPHONATES
(NO) structure given in first source

technetium Tc 99m antimony sulfide
(SY) Tc-99m antimony sulfide
(SY) technetium antimony trisulfide
(SY) 99mTc-ASC
(SY) 99mTc-antimony sulfide colloid
(SY) technetium-99m antimony colloid
(SY) technetium antimony sulfide
(HM) *TECHNETIUM
(HM) *ANTIMONY
(II) COLLOIDS

technetium Tc 99m aprotinin
(SY) 99mTc-aprotinin
(SY) Tc-aprotinin
(HM) *TECHNETIUM
(HM) *KALLIKREIN-TRYPSIN INACTIVATOR
(NO) used in kidney scanning

technetium Tc 99m benzimidazolyl iminodiacetic acid
(SY) Tc-BIMIDA
(HM) *IMINO ACIDS
(HM) *TECHNETIUM
(NO) structure given in first source

technetium Tc 99m-bis(1,2-diethylphosphino)ethane
(SY) 99mTc-bis(1,2-diethylphosphino)ethane
(SY) 99mTc-1,2-DEPE
(HM) *TECHNETIUM
(HM) *ORGANOPHOSPHORUS COMPOUNDS
(II) RADIONUCLIDE IMAGING
(NO) cardiac perfusion agent in mice, dogs & normal human volunteers

technetium Tc 99m bis(1,2-dimethylphosphino)ethane
(SY) 99mTc-DMPE
(SY) trans-(99Tc(dmpe)2Cl2
(SY) technetium-99mTc-bis(1,2-dimethylphosphino) ethane
(SY) Tc-99m DMPE
(SY) 99mTC-dichloro-bis(1,2-dimethylphosphino)ethane
(SY) 99mTc(DMPE)2Br2
(HM) *TECHNETIUM
(HM) *PHOSPHINES
(NO) cationic complex of technetium used for heart imaging

technetium Tc 99m N,N'-bis (mercaptoacetamido)ethylenediamine
(RN) 77275-80-0
(SY) technetium-N,N'-bis(mercaptoacetamido) ethylenediamine
(SY) Tc-BMAED
(SY) Tc-99m-N,N'-bis(mercaptoacetamido) ethylenediamine
(HM) *ETHYLENEDIAMINES
(HM) *TECHNETIUM
(II) RADIONUCLIDE IMAGING
(NO) structure given in first source

technetium Tc99m N,N'-bis(mercaptoacetyl) -2,3-diaminopropanoate
(SY) Tc-99m N,N'-bis(mercaptoacetyl)-2,3-diaminopropanoate
(SY) Tc-BMADAP
(HM) *TECHNETIUM
(HM) 3-AMINOPROPIONIC ACID/*analogs

technetium Tc 99m 3-bromo-2,4,6-trimethyliminodiacetic acid
(SY) 99mTc-3-bromo-2,4,6-trimethyl-IDA
(SY) Tc-BTM-IDA
(HM) *TECHNETIUM
(HM) *IMINO ACIDS
(II) RADIONUCLIDE IMAGING

technetium Tc 99m citrate
(RN) 75746-45-1
(RR) 61877-81-4 (99Tc(4+)-labeled cpd)
(SY) 99mTc-citrate
(SY) 99mTc citrate
(SY) citon
(HM) *CITRATES
(HM) *TECHNETIUM
(NO) RN given refers to unspecified 99Tc-labeled cpd

technetium Tc 99m cuprous etidronate see technetium Tc 99m etidronate

technetium Tc 99m cyclam
(SY) 99mTc-1,4,8,11-tetraazacyclotetradecane
(SY) Tc-cyclam
(HM) *TECHNETIUM
(HM) *HETEROCYCLIC COMPOUNDS

technetium Tc99m dextran
(SY) Tc-99m dextran
(HM) *TECHNETIUM
(HM) *DEXTRANS
(NO) blood pool labeling agent for radionuclide angiocardiography

technetium Tc 99m diadenosine tetraphosphate
(SY) Tc-Ap4A
(HM) *TECHNETIUM
(HM) *ADENINE NUCLEOTIDES

technetium Tc 99m diethyldithiocarbamate
(SY) 99m Tc-diethyldithiocarbamate
(HM) *DIETHYLDITHIOCARBAMATE
(HM) *TECHNETIUM
(NO) complex of above two cpds

technetium Tc 99m diethyl IDA
(SY) Solcosint-hepatobida
(SY) 99mTc-diethyl-IDA
(SY) 99mTC-(2,6-diethylacetanilide)iminodiacetic acid
(SY) hepatobida
(SY) Tc-99m diethyl-IDA
(SY) Tc-99m-diethyl-iminodiacetic acid
(SY) 99mTc-N-(2,6-diethylphenylcarbamoylmethyl) iminodiacetic acid
(SY) 99mTc-diethyl IDA
(SY) EHIDA
(SY) Tc-99m DIDA
(SY) 99mTc-diethyl acetanilide iminodiacetic acid
(SY) DE-IDA
(SY) Tc-99m N-(2,6-diethylacetanilide)iminodiacetate
(SY) Tc-99m-N,alpha-(2,6-diethylacetanilide) iminodiacetic acid
(SY) Tc-diethyliminodiacetic acid
(SY) Tc-diethyl HIDA
(SY) technetium diethyl IDA
(HM) *IMINO ACIDS
(HM) *TECHNETIUM
(NO) 99mTc-labeled hepatobiliary agent; structure

technetium Tc 99m diisopropyliminodiacetic acid see technetium Tc 99m disofenin

technetium Tc 99m 2,3-dimercaptopropionic acid
(SY) 99m Tc DMP
(HM) *TECHNETIUM
(HM) *SULFHYDRYL COMPOUNDS
(NO) renal scanning agent

technetium Tc 99m dimercaptosuccinic acid
(RN) 65438-08-6
(SY) Tc-DMSA
(SY) Tc-99m-DMSA
(SY) technetium 99m-DMSA
(SY) Tc-dimercaptosuccinic acid
(SY) Tc-2,3-dimercaptosuccinate
(HM) *DIMERCAPTOSUCCINIC ACID
(HM) *TECHNETIUM
(NO) agent in renal scintigraphy

technetium Tc 99m dimethylaminodiphosphonate
(SY) Tc-DMAD
(SY) 99mTc-dimethylamino diphosphonate
(HM) *TECHNETIUM
(HM) *DIPHOSPHONATES
(NO) bone-scanning agent; structure given in first source

technetium Tc 99m diphosphonate
(RN) 52997-55-4
(SY) technetium diphosphonate
(SY) 99mTc-diphosphonate
(SY) 99mtechnetium diphosphonate
(HM) *TECHNETIUM
(HM) *DIPHOSPHONATES
(NO) bone seeking radiopharmaceutical whose concentration in bone depends upon regional blood flow & bone metabolism

technetium Tc 99m 1,1-diphosphonopropane- 2,3-dicarboxylic acid
(SY) Tc-99m 2,3-dicarboxypropane-1,1-diphosphonic acid
(SY) Tc-99m DPD
(SY) 99mTc-DPD
(HM) *TECHNETIUM
(HM) *DIPHOSPHONATES
(NO) used as bone imaging agent

technetium Tc 99m disofenin
(SY) 99mTc-disofenin
(SY) Tc-disofenin
(SY) 99mTc-(diisopropylphenylcarbamoylmethyl) iminodiacetic acid
(SY) disofenin
(SY) technetium Tc 99m diisopropyliminodiacetic acid
(SY) Tc-diisopropyl IDA
(SY) DISIDA
(SY) technetium 99m-diisopropyliminodiacetic acid
(SY) hepatolite
(SY) technetium-99m diisopropyl IDA
(HM) *TECHNETIUM
(HM) *IMINO ACIDS
(NO) cholescintigraphic agent

technetium Tc 99m EDHP see technetium Tc 99m etidronate

technetium Tc 99m EDTA
(SY) Tc-EDTA
(HM) *TECHNETIUM
(HM) *EDTA

technetium Tc 99m ethylenediamine-N,N-diacetic acid
(SY) Tc-EDDA
(SY) Tc-99m-EDDA
(SY) technetium ethylenediamine-N,N-diacetic acid
(HM) *TECHNETIUM
(HM) EDTA/*analogs
(NO) used for radionuclide imaging; see also record for EDDA; structure given in first source

technetium Tc 99m ethylenediamine
(SY) technetium-99m-ethylenediamine
(HM) *ETHYLENEDIAMINES
(HM) *TECHNETIUM

technetium Tc 99m etidronate
(RN) 53347-65-9
(RR) 60880-88-8 (cpd with unknown MF)
(RR) 64476-90-0 (former CAS registry number)
(SY) Tc-HEDP
(SY) technetium hydroxyethylidine diphosphonate
(SY) Tc-99m-EHDP
(SY) 99mTc-HEDP
(SY) technetium HEDP
(SY) Tc-ethane-1-hydroxyl-1,1-diphosphonate
(SY) Tc-sodium etidronate
(SY) osteoscan
(SY) technetium Tc 99m cuprous etidronate
(SY) Tc-99m-Cu(1)-EHDP
(SY) technetium Tc 99m EDHP
(HM) *TECHNETIUM
(HM) *SODIUM ETIDRONATE

technetium Tc 99m ferric oxide
(SY) 99m Tc ferric oxide
(SY) technetium ferric oxide
(HM) *TECHNETIUM
(HM) *FERRIC COMPOUNDS
(NO) used to test pulmonary function

technetium Tc 99m fibrinogen
(SY) Tc-99m-fibrinogen
(SY) technetium fibrinogen
(SY) 99m-Tc-fibrinogen
(HM) *TECHNETIUM
(HM) *FIBRINOGEN
(NO) radionuclide imaging agent for detection of thrombophlebitis

technetium Tc 99m gluceptate
(SY) technetium Tc 99m sodium gluceptate
(SY) Tc-gluceptate
(SY) 99mTc-glucoheptonate
(SY) 99mtechnetium glucoheptonate
(SY) Tc-99m gluceptate
(SY) glucoscan
(SY) Tc-99m glucoheptonate
(HM) *TECHNETIUM
(HM) *SUGAR ACIDS

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technetium Tc 99m gluconate
(SY) Tc-99m gluconate
(SY) 99mTc-gluconate
(HM) *GLUCONATES
(HM) *TECHNETIUM

technetium Tc99m 5'-guanylylimidodiphosphate
(SY) Tc-99m 5'-guanylylimidodiphosphate
(SY) Tc99m-Gpp(NH)p
(HM) GUANYLYL IMIDODIPHOSPHATE/*analogs
(HM) *TECHNETIUM

technetium Tc 99m hematoporphyrin derivative
(SY) Tc-99m-HPD
(SY) 99m Tc-HPD
(HM) *TECHNETIUM
(HM) *METALLOPORPHYRINS

technetium Tc 99m hexakis(tert-butylisonitrile)
(SY) Tc-99m hexakis(tert-butylisonitrile)
(SY) Tc-99m TBI
(HM) *TECHNETIUM
(HM) *NITRILES
(NO) myocardial imaging agent

technetium Tc 99m-hexamethylpropyleneamine oxime
(SY) Tc-99m-hexamethylpropylene amineoxime
(SY) 99m-Tc HMPAO
(HM) *TECHNETIUM
(HM) *OXIMES
(II) RADIONUCLIDE IMAGING
(NO) lipid-soluble complex; used in radionuclide imaging

technetium Tc 99m hydroxymethylene diphosphonate
(RN) 72945-61-0
(SY) TcHMDP
(SY) (hydroxymethylene)bis(phosphonic acid), technetium salt
(SY) Tc-HMDP
(SY) Tc-99m hydroxymethylene diphosphonate
(SY) Tc-99m oxidronate
(SY) osteoscan-HDP
(SY) 99mTc-HDP
(HM) TECHNETIUM TC 99M MEDRONATE/*analogs
(NO) bone-seeking radiopharmaceutical

technetium Tc 99m 8-hydroxyquinoline
(RN) 67000-55-9
(SY) Tc-oxine
(SY) 99mTc-oxin
(HM) *TECHNETIUM
(HM) *8-HYDROXYQUINOLINE

technetium Tc 99m-imidodiphosphate
(RN) 66142-88-9
(SY) 99mTc-imidodiphosphate
(SY) Tc-99m-imidodiphosphate
(HM) *TECHNETIUM
(HM) *ORGANOPHOSPHORUS COMPOUNDS
(NO) tracer of infarct-avid imaging

technetium Tc 99m iron-ascorbic acid
(SY) 99mTc-iron-ascorbic acid
(SY) Tc-FeAsc
(SY) Tc-ascorbate
(HM) *TECHNETIUM
(HM) *ASCORBIC ACID
(NO) evaluated as brain-scanning agent

technetium Tc 99m lidofenin
(SY) technetium 2,6-dimethylacetanilideiminodiacetic acid
(SY) 99mTc-HIDA
(SY) Tc-HIDA
(SY) Tc-99m-HIDA
(SY) Technetium-99m dimethyl iminodiacetic acid
(SY) Tc-lidofenin
(SY) N-(carboxymethyl)-N-(2-((2,6-dimethylphenyl) amino)-2-oxoethyl)glycine, technetium salt
(SY) technetium HIDA
(SY) technetium dimethyl-IDA
(SY) technetium lidofenin
(SY) Tc-HEPIDA
(HM) *IMINO ACIDS
(HM) *TECHNETIUM
(NO) (99m)Tc-labeled hepatobiliary agent

technetium Tc 99m mebrofenin
(SY) Tc-SQ 26,962
(SY) Tc-99m 3-bromo-2,4,6-trimethyliminodiacetic acid
(HM) *TECHNETIUM
(HM) *IMINO ACIDS
(NO) hepatobiliary radiopharmaceutical

technetium Tc 99m (meta-butoxy) iminodiacetic acid
(SY) 99mTc-(m-butoxy)IDA
(SY) technetium-99m-(m-butoxy)iminodiacetic acid
(HM) *IMINO ACIDS
(HM) *TECHNETIUM

technetium Tc 99m N-(methylamino) methylene diphosphonate
(RN) 66225-82-9
(SY) Tc-NMMDP
(SY) technetium N-(methylamino)methylene diphosphonate
(HM) TECHNETIUM TC 99M MEDRONATE/*analogs
(NO) structure given in first source

technetium Tc 99m-4-methylaminophenazone
(SY) 99mTc-noramidopyrine
(SY) Tc-AP
(HM) *TECHNETIUM
(HM) DIPYRONE/*analogs
(NO) used for measurement of gastric mucosal blood flow

technetium Tc 99m monomercaptosuccinic acid
(SY) Tc-99m-mercaptosuccinate
(SY) 99m-Tc-thiosuccinic acid
(HM) *TECHNETIUM
(HM) *THIOMALATES
(II) RADIONUCLIDE IMAGING

technetium Tc 99m neogalactoalbumin
(SY) Tc-NGA
(SY) Tc-99m neogalactoalbumin
(SY) Tc-99m-galactosyl-neoglycoalbumin
(HM) *TECHNETIUM
(HM) *ALBUMINS
(NO) radiopharmaceutical designed with galactose added to albumin to provide Tc labeled receptor-binding protein

technetium Tc 99m (ortho-butyl) iminodiacetic acid
(SY) 99mTc-(o-butyl)IDA
(SY) technetium-99m-(ortho-butyl)iminodiacetic acid
(HM) *IMINO ACIDS
(HM) *TECHNETIUM

technetium Tc 99m (ortho-hexyloxy) iminodiacetic acid
(SY) 99mTc-(o-hexyloxy)IDA
(SY) technetium-99m-(ortho-hexyloxy)iminodiacetic acid
(HM) *IMINO ACIDS
(HM) *TECHNETIUM

technetium Tc 99m (para-butyl) iminodiacetic acid
(SY) 99mTc-(p-butyl)IDA
(SY) 99mTc-N-(p-butylphenylcarbamoylmethyl) iminodiacetic acid
(SY) 99mTc-(p-butyl)iminodiacetic acid
(SY) Tc-p-butyl HIDA
(SY) technetium-99m-N-(para-butyl-phenylcarbamoylmethyl)iminodiacetic acid
(SY) 99mTc-p-butyl IDA
(SY) Tc-BIDA
(SY) technetium-99m-(p-butyl)iminodiacetic acid
(HM) *IMINO ACIDS
(HM) *TECHNETIUM
(NO) lidofenin analog

technetium Tc 99m (para-hexyloxy) iminodiacetic acid
(SY) 99mTc-(p-hexyloxy)IDA
(SY) technetium-99m-(p-hexyloxy)iminodiacetic acid
(HM) *IMINO ACIDS
(HM) *TECHNETIUM

technetium Tc 99m (para-tert-butyl) iminodiacetic acid
(SY) 99mTc-(p-tert-butyl)IDA
(SY) technetium 99m-(p-tert-butyl)iminodiacetic acid
(SY) 99mTc-PTBIDA
(HM) *IMINO ACIDS
(HM) *TECHNETIUM

technetium Tc 99m penicillamine
(SY) Tc-99m-penicillamine
(SY) technetium penicillamine
(HM) *TECHNETIUM
(HM) *PENICILLAMINE

technetium Tc 99m pentetate
(SY) Tc-DTPA
(SY) technetium pentetic acid
(SY) technetium diethylenetriamine pentaacetic acid
(SY) technetium (99m) pentetate
(SY) Tc-99m DTPA
(SY) technetium DTPA
(SY) (99m)Tc-DTPA
(HM) *TECHNETIUM
(HM) *DTPA
(NO) structure

technetium Tc 99m phosphate
(SY) Tc 99m phosphate
(HM) *TECHNETIUM
(HM) *PHOSPHATES
(II) RADIONUCLIDE IMAGING

technetium Tc 99m phosphomycin
(SY) 99mTc-phosphomycin
(SY) Tc-fosfomycin
(HM) *TECHNETIUM
(HM) *FOSFOMYCIN

technetium Tc 99m N-phosphorylaminoethyl phosphate
(RN) 85561-27-9
(SY) 99mTc-PAEP
(SY) Tc-PAEP
(HM) *TECHNETIUM
(HM) *PHOSPHORIC ACID ESTERS
(NO) used in bone scanning & red blood cell labelling

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technetium Tc 99m phytate
(SY) Tc-phytate
(SY) Tc-99m-phytate
(SY) technetium phytate
(HM) *PHYTIC ACID
(HM) *TECHNETIUM

technetium Tc 99m PIPIDA
(SY) technetium p-isopropylacetanilidoiminodiacetic acid
(SY) Tc-PIPIDA
(SY) technetium p-isopropyl IDA
(SY) 99mTc-paraisopropyl acetanilido IDA
(SY) (99m)Tc-PIPIDA
(SY) Tc-iprofenin
(SY) technetium-iprofenin
(HM) *TECHNETIUM
(HM) *IMINO ACIDS

technetium Tc 99m plasmin
(SY) 99mTc-plasmin
(SY) Tc-99m plasmin
(HM) *TECHNETIUM
(HM) *FIBRINOLYSIN
(NO) used for diagnosis of deep venous thrombosis

technetium Tc 99m polyphosphate
(SY) technetium polyphosphate
(HM) *TECHNETIUM
(HM) *POLYPHOSPHATES
(NO) used for myocardial imaging in detecting myocardial infarct

technetium Tc 99m polystyrene
(SY) Tc-polystyrene
(HM) *TECHNETIUM
(HM) *POLYSTYRENES
(II) AEROSOLS
(NO) used for assessment of bronchial mucus transport

technetium Tc 99m propylene amine oxime
(SY) 99mTc-PnAO
(SY) 99mTc-3,3'-(1,3-propanediyldiimino)bis(3-methyl-2-butanone)dioxime
(HM) *TECHNETIUM
(HM) *OXIMES
(NO) potential brain radiopharmaceutical; structure of PnAO given in first source

technetium Tc 99m pyridoxal-5-methyltryptophan see technetium Tc 99m pyridoxyl-5-methyltryptophan

technetium Tc 99m pyridoxylidene glutamate
(SY) Tc-PG
(SY) technetium pyridoxylidene glutamate
(SY) technetium pyridoxylideneglutamate
(HM) *TECHNETIUM
(HM) *GLUTAMATES
(NO) agent for gallbladder imaging; see also record for pyridoxylideneglutamate

technetium Tc 99m N-pyridoxylidenehydrazine-N',N'-diacetic acid
(SY) Tc-99m N-PXH-N',N'-DiAc
(SY) technetium pyridoxylidene hydrazine-N',N'-diacetic acid
(SY) Tc 99m-PXHDA
(HM) *TECHNETIUM
(HM) PYRIDOXAL/*analogs

technetium Tc 99m pyridoxylideneisoleucine
(SY) Tc-pyridoxylideneisoleucine
(SY) 99mtechnetium-pyridoxylidene-isoleucine
(SY) 99mTc-PI
(SY) Tc-99mpyridoxylideneisoleucine
(SY) technetium pyridoxylidene isoleucine
(HM) ISOLEUCINE/*analogs
(HM) *TECHNETIUM
(NO) Tc labeled for hepatobiliary scintigraphy; RN above is for non-labeled cpd

technetium Tc 99m pyridoxyl-5-methyltryptophan
(SY) 99mTc-PMT
(SY) Tc-99m pyridoxyl-5-methyltryptophan
(SY) technetium Tc 99m pyridoxal-5-methyltryptophan
(HM) *TECHNETIUM
(HM) TRYPTOPHAN/*analogs
(HM) PYRIDOXAL/*analogs
(NO) used in hepatobiliary scintigraphy

technetium Tc99m pyridoxylphenylalanine see technetium Tc 99m pyridoxylphenylalanine

technetium Tc 99m pyridoxylphenylalanine
(SY) Tc-99m pyridoxalphenylalanine
(SY) Tc-99m PPA
(SY) 99mTc-pyridoxylidenephenylalanine
(SY) technetium Tc99m pyridoxylphenylalanine
(HM) *TECHNETIUM
(HM) PHENYLALANINE/*analogs

technetium Tc 99m pyrophosphate
(RN) 52590-43-9
(SY) 99mTc pyrophosphate
(SY) 99m Tc-pyrophosphate
(SY) technetium-99m pyrophosphate
(SY) 99mTc-pyrophosphate
(SY) 99mTc-PYP
(HM) *TECHNETIUM
(HM) *PYROPHOSPHATES
(NO) RN in Chemline for other (99)Tc-labeled cpd: 52997-54-3; RN for (99)Tc(4+) salt (1:1): 69271-94-9; RN for (99)Tc(3+) salt (3:4): 69271-93-8; RN for (95)Tc-labeled cpd: 64437-61-2

technetium Tc 99m rhenium colloid
(SY) technetium rhenium colloid
(SY) Tc-99m-rhenium colloid
(SY) 99mTc-rhenium colloid
(HM) *TECHNETIUM
(HM) *RHENIUM
(II) COLLOIDS

technetium Tc rhenium-sulfur colloid
(SY) TcReS colloid
(SY) 99mTc-rhenium-sulfur colloid
(SY) 99mTc-(Re)-S
(HM) *TECHNETIUM TC 99M SULFUR COLLOID
(HM) *RHENIUM
(II) COLLOIDS

technetium Tc 99m rolitetracycline
(SY) 99mTc-pyrrolidinomethyltetracycline
(SY) Tc-PM tetracycline
(HM) *TECHNETIUM
(HM) *ROLITETRACYCLINE

technetium Tc 99m secretin
(SY) 99mTc-secretin
(SY) Tc-secretin
(HM) *TECHNETIUM
(HM) *SECRETIN

technetium Tc 99m-Sn aggregated albumin
(SY) 99mTc-Sn macroaggregated albumin
(SY) Tc-Sn-MAA
(SY) 99mTc-tin-albumin
(HM) *TECHNETIUM TC 99M AGGREGATED ALBUMIN
(HM) *SERUM ALBUMIN
(HM) *TIN

technetium Tc 99m-Sn-DTPA
(SY) 99mTc-Sn-DTPA
(HM) *DTPA
(HM) *TECHNETIUM

technetium Tc 99m (Sn) etidronate
(SY) Tc-Sn-EHDP
(SY) 99mTc(Sn)HEDP
(HM) *TECHNETIUM
(HM) *SODIUM ETIDRONATE

technetium Tc 99m (Sn) methylenediphosphonate
(RN) 66138-58-7
(SY) 99mtechnetium-tin-methylene-diphosphonate
(SY) 99mTc-Sn-MDP
(SY) Tc-99m(Sn)methylenediphosphonate
(SY) 99mTc-Sn-medronate
(HM) *TECHNETIUM TC 99M MEDRONATE

technetium Tc 99m (Sn) pyridoxylidenephenylalanine
(SY) Tc-99m(Sn)-N-pyridoxylphenylalanine
(SY) Tc-Sn-PPA
(HM) *TECHNETIUM
(HM) PHENYLALANINE/*analogs

technetium Tc 99m (Sn)-pyridoxylidenetryptophan
(SY) 99mTc-(Sn)-P.Trp
(SY) 99mTc-(Sn)-pyridoxylidenetryptophan
(SY) Tc-99m(Sn)pyridoxyltryptophan
(HM) TRYPTOFHAN/*analogs
(HM) *TECHNETIUM
(NO) hepatobiliary radiopharmaceutical

technetium Tc 99m (Sn)-N-pyridoxyl-5-methyltryptophan
(SY) Tc-99m(Sn)-N-pyridoxyl-5-methyltryptophan
(SY) Tc-99m(Sn)PHMT
(SY) TC-PHMT
(HM) TRYPTOPHAN/*analogs
(HM) *TECHNETIUM
(NO) hepatobiliary radiopharmaceutical

technetium Tc 99m sodium gluceptate see technetium Tc 99m gluceptate

technetium Tc 99m solcocitran
(SY) Tc solcocitran
(SY) 99mTc-cyton
(HM) *TECHNETIUM
(HM) *CITRATES
(NO) stannous citrate cpd with high & selective uptake in neoplastic tissue for labeling with (99)Tc

technetium Tc 99m stannous phosphate
(SY) Tc Sn phosphate
(HM) *TECHNETIUM
(HM) *PHOSPHATES
(NO) used in radionuclide ventriculography

technetium Tc 99m stannous phytate
(SY) Tc-99m Sn-phytate
(SY) technetium-99m calcium phytate
(SY) technetium-99m calcium stannous phytate
(SY) technetium stannous phytate
(SY) 99mTc Ca-phytate
(HM) *TECHNETIUM
(HM) *PHYTIC ACID
(II) COLLOIDS
(NO) synonyms 2 and 3 are produced with added ionic calcium

technetium Tc 99m stannous pyrophosphate
(RN) 54627-10-0
(SY) Tc Sn pyrophosphate
(SY) technetium 99-m stannous pyrophosphate
(SY) technetium stannous pyrophosphate
(SY) tc tin pyrophosphate
(HM) *TECHNETIUM
(HM) *TIN POLYPHOSPHATES

technetium Tc99m-styrene-divinylbenzene resin
(SY) Tc-99m-styrene-divinylbenzene copolymer resin
(SY) Tc-SDVB
(HM) *TECHNETIUM
(HM) *POLYSTYRENES
(II) RADIONUCLIDE IMAGING

technetium Tc 99m sucralfate
(SY) Tc-99m sucralfate
(HM) *ALUMINUM
(HM) *TECHNETIUM
(NO) ulcer-imaging agent

technetium-Tc 99m-tetraaminophthalocyanine
(SY) Tc-99m-tetraaminophthalocyanine
(SY) 99mTc-TAPC
(HM) *TECHNETIUM
(HM) *INDOLES
(II) RADIONUCLIDE IMAGING
(NO) tumor scanning agent

technetium Tc 99m 1,4,8,11-tetraazaundecane
(SY) Tc-TAZU
(SY) 99mTc-1,4,8,11-tetraazaundecane
(HM) *TECHNETIUM
(HM) *POLYAMINES

technetium Tc 99m tetracycline
(SY) Tc-99m-tetracycline
(SY) technetium tetracycline
(HM) *TECHNETIUM
(HM) *TETRACYCLINES

technetium Tc 99m-tetranitrophthalocyanine
(SY) Tc-99m-tetranitrophthalocyanine
(SY) 99mTc-TNPC
(HM) *TECHNETIUM
(HM) *INDOLES
(II) RADIONUCLIDE IMAGING
(NO) tumor scanning agent

technetium Tc 99m thiodiglycolic acid
(SY) Tc-TDG
(HM) *TECHNETIUM
(HM) *THIOGLYCOLATES
(NO) used for renal function evaluation

technetium Tc 99m-thiodisuccinic acid
(SY) Tc-99m-thiodisuccinic acid
(SY) Tc-TDSA
(HM) *TECHNETIUM
(HM) *SUCCINATES
(NO) used in renoscintography

technetium Tc 99m tin colloid
(SY) technetium tin colloid
(SY) Tc 99m tin colloid
(SY) technetium stannous chloride
(SY) 99m Tc Sn colloid
(HM) *TECHNETIUM
(HM) *TIN
(II) COLLOIDS
(NO) used in liver scans

technetium Tc 99m tin dimercaptosuccinic acid
(SY) Tc-Sn-DMSA
(SY) Tc-tin-DMSA
(HM) *TECHNETIUM
(HM) *DIMERCAPTOSUCCINIC ACID
(NO) see also tin dimercaptosuccinic acid

technetium Tc 99m tin fluoride colloid
(SY) Tc 99m stannous fluoride colloid
(HM) *TECHNETIUM
(HM) *TIN FLUORIDES
(II) COLLOIDS
(NO) used in liver scans

technetium Tc 99m tin gluconate
(SY) 99mTc-tin-gluconate
(SY) 99mTc-Sn-gluconate
(SY) Tc-Sn-Ca-gluconate
(HM) *TECHNETIUM
(HM) *GLUCONATES

technetium Tc 99m tin polyphosphate
(SY) 99mTc-Sn-polyphosphate
(HM) *TIN POLYPHOSPHATES
(HM) *TECHNETIUM

technetium Tc 99m tin-sulfur colloid
(SY) TcSnS
(SY) 99mTc-(Sn)-S colloid
(HM) *TECHNETIUM TC 99M SULFUR COLLOID
(HM) *TIN
(II) COLLOIDS

technetium Tc 99m-trimethylbromo-IDA
(SY) Tc-99m-trimethylbromo-IDA
(SY) Tc-TMB-IDA
(SY) Tc-99m-N-(2,4,6-trimethylbromoacetanilide) iminodiacetate
(HM) *TECHNETIUM
(HM) *IMINO ACIDS
(NO) hepatobiliary imaging agent

technetium Tc 99m tris(1,2-bis (dimethylphosphino)ethane)
(SY) 99mTc-tris-DMPE
(HM) *TECHNETIUM
(HM) *PHOSPHINES
(NO) used in myocardial scintigraphy; differs from Tc-dichloro-DMPE by replacement of 2 Cl- anions with a third DMPE ligand & Tc(III) changed to Tc(I)

technetium Tc 99m-wofatit SBW
(SY) Tc-wofatit SBW
(HM) *TECHNETIUM
(HM) *ANION EXCHANGE RESINS
(NO) used for determining gastroemptying velocity

technetium 99m-(p-tert-butyl)iminodiacetic acid see technetium Tc 99m (para-tert-butyl)iminodiacetic acid

technetium tetracycline see technetium Tc 99m tetracycline

technetium tin colloid see technetium Tc 99m tin colloid

teclosan see teclozan

teclosine see teclozan

teclozan
(RN) 5560-78-1
(SY) teclosan
(SY) teclosine
(SY) N,N'-(p- phenylenedimethylene)-bis(2,2-dichloro-N- (2-ethoxyethyl)acetamide
(SY) Falmonox
(SY) Win 13 146
(SY) teclozine
(HM) *BENZYLAMINES
(PA) AMEBICIDES
(NO) structure

teclozine see teclozan

Tecnazese see tetrachloronitrobenzene

tecnazine see tetrachloronitrobenzene

TEC solution
(RN) 82824-07-5
(SY) TAC combination
(HM) *TETRACAINE
(HM) *EPINEPHRINE
(HM) *COCAINE
(HM) DRUG COMBINATIONS
(PA) ANESTHETICS, LOCAL
(NO) contains above 3 cpds

TEDAM see ethyltyrosylarginine methyl ester

TEDAPGE see ethyltyrosyl-arginyl-phenylalanyl-glycine ethyl ester

TED-sepharose see tris(carboxymethyl)ethylenediamine-sepharose

teepol 610
(RN) 50642-01-8
(HM) *FATTY ALCOHOLS
(II) DETERGENTS
(II) SURFACE-ACTIVE AGENTS

teferrol
(RN) 79173-09-4
(SY) iron-polymaltose complex
(SY) ferric polymaltose
(SY) Noripurum
(SY) iron(III)-hydroxide-dextrin
(SY) ferric hydroxide-polymaltose
(SY) ferripolyisomaltose
(HM) *FERRIC COMPOUNDS
(PA) HEMATINICS
(II) ISOMALTOSE

teflutixol
(RN) 55837-23-5
(RR) 53542-42-0 (di-HCl)
(SY) 2-trifluormethyl-6-fluoro-9-(3-(4-(2-hydroxypiperazin-1-yl)propyl)thioxanthene
(HM) *THIOXANTHENES
(PA) TRANQUILIZING AGENTS, MAJOR
(NO) RN given refers to parent cpd; structure

Tefzel
(RN) 25038-71-5
(SY) tetrafluoroethylene polymer with ethene
(HM) POLYTETRAFLUOROETHYLENE/*analogs
(NO) used as reaction vessels for insulin

Tegamine 0-13 see N-(3-(dimethylamino)propyl)oleamide

Tegobetain see pendecamaine

Tego-Betaines see pendecamaine

tegodor 73
(RN) 68804-69-3
(RR) 70536-26-4 (tegodor cpd with unknown MF)
(HM) *BENZALKONIUM COMPOUNDS
(HM) *GLUTARALDEHYDE
(HM) *CETRIMONIUM COMPOUNDS
(II) DISINFECTANTS
(NO) RN given refers to parent cpd

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Tego 103S
(RN) 8043-32-1
(SY) Tego-103 S
(HM) *DISINFECTANTS
(NO) no other information available

Tego-103 S see Tego 103S

Tego 51 see dodicin

tegrin
(HM) *COAL TAR
(HM) *ALLANTOIN
(HM) DRUG COMBINATIONS
(NO) non-prescription psoriasis lotion containing above combination

Tegunor see trilisate

TEHC see N,N,N-triethylhomocholine

Te-123m HDA see 9-tellurium Te 123m heptadecanoic acid

TEHM see tri-(2-ethylhexyl)trimellitate

teichoic acid hydrolase see teichoicase

teichoic-acid synthase
(RN) EC 2.4.1.55
(SY) polyribitolphosphate polymerase
(SY) polyribitolphosphate synthase
(HM) *PENTOSYLTRANSFERASES

teichoicase
(RN) EC 3.1.4.-
(SY) teichoic acid hydrolase
(HM) *PHOSPHODIESTERASES

teichomycin A2 see teichomycins

teichomycins
(RN) 61036-62-2
(SY) teichomycin A2
(SY) teicoplanin
(HM) GLYCOPEPTIDES
(PA) ANTIBIOTICS
(NO) from Actinoplanes teichomyceticus; class of glycopeptide antibiotics; group of very similar cpds which have the same aglycone containing aromatic amino acid moieties, as well as mannose & glucosamine

teichuronic acid
(RN) 37251-79-9
(HM) *URONIC ACIDS
(II) POLYSACCHARIDES, BACTERIAL
(NO) polymer of uronic acids and carbohydrates found in cell walls of various bacteria

teicoplanin see teichomycins

TEI 3096
(RN) 86017-21-2
(SY) TEI-3096
(SY) 6-4-chlorobenzyl-5H-2,3,6,7-tetrahydro-5,7-dioxothiazolo (3,2-a)pyrimidine
(HM) *THIAZOLES
(II) ADJUVANTS, IMMUNOLOGIC
(NO) structure given in first source

TEI-3096 see TEI 3096

TEI 4120 see TEI-4120

TEI-4120
(SY)
3-benzoyl-N-beta-ethoxyisopropyl-2-methylindole
(SY) TEI 4120
(HM) *INDOLES
(PA) FIBRINOLYTIC AGENTS
(PA) ANTI-ULCER AGENTS
(II) PLATELET AGGREGATION/drug eff
(NO) inhibits arachidonic acid and collagen-induced aggregation of platelets; structure given in first source

TEI 5103
(SY) TEI-5103
(SY) 3-(4-(trans-4-aminomethylcyclohexylcarbonyl) phenyl)propionic acid hydrochloride
(HM) *PHENYLPROPIONATES
(PA) ANTI-ULCER AGENTS
(NO) structure given in first source

TEI-5103 see TEI 5103

tektamer-38 see tektamer 38

tektamer 38
(RN) 35691-65-7
(SY) 1,2-dibromo-2,4-dicyanobutane
(SY) tektamer-38
(HM) *NITRILES
(II) ALLERGENS
(NO) biocide used in glue implicated in contact dermatitis

tektin
(HM) *MICROTUBULE PROTEINS
(NO) protein from microtubules of sea urchin sperm flagella

telazol see CI-744

Telebrix see ioxitalamic acid

Telebrix 38 see ioxitalamic acid

N-tele methylhistamine see tele-methylhistamine

tele-methylhistamine
(RN) 501-75-7
(RR) 6481-48-7 (di-HCl)
(SY) 1-methyl-4-(beta-aminoethyl)imidazole
(SY) N-tele methylhistamine
(HM) *METHYLHISTAMINES
(NO) RN given refers to parent cpd

tele-methylimidazoleacetic acid see methylimidazoleacetic acid

telenzepine
(RN) 80880-90-6
(SY)
4,9-dihydro-3-methyl-4-((4-methyl-1-piperazinyl) acetyl)-10H-thieno(3,4-b)(1,5)benzodiazepin-10- one
(HM) *BENZODIAZEPINONES
(PA) PARASYMPATHOLYTICS
(NO) structure given in first source; RN from USAN; RN not in Chemline 10/85

teleocidin
(RN) 11032-05-6
(RR) 11032-05-6 (teleocidin B)
(SY) teleocidin B
(SY) 6H-Benzo(g)(1,4)diazonino(7,6,5-cd)indol-6-one, 13-ethenyl-1,3,4,5,7,8,10,11,12,13-decahydro-4-(hydroxymethyl)-8,10,13-trimethyl-7,10-bis(1-methylethyl)-, (4S-(4R*,7R*,10R*,13R*))-
(SY) teleocidin B-1
(SY) teleocidin B-2
(SY) teleocidin B-3
(SY) teleocidin B-4
(HM) *LYNGBYA TOXINS
(PA) CARCINOGENS
(II) IRRITANTS
(NO) structure; RN given refers to teleocidin

teleocidin A see lyngbyatoxin A

teleocidin B see teleocidin

teleocidin B-1 see teleocidin

teleocidin B-2 see teleocidin

teleocidin B-3 see teleocidin

teleocidin B-4 see teleocidin

tellurite anion see tellurous acid

9-tellurium Te 123m heptadecanoic acid
(SY) 9-(Te-123m)telluraheptadecanoic acid
(SY) Te-123m HDA
(HM) *TELLURIUM
(HM) *FATTY ACIDS
(II) RADIONUCLIDE IMAGING
(NO) used for myocardial imaging

tellurium tetrachloride
(RN) 10026-07-0
(HM) *TELLURIUM

tellurous acid
(RN) 10049-23-7
(RR) 15852-22-9 (TeO3(-2))
(RR) 22451-06-5 (di-Na salt pentahydrate)
(RR) 53696-61-0 (129Te-labeled cpd)
(RR) 61641-46-1 (127Te-labeled cpd)
(SY) TeO3(2-)
(SY) tellurite anion
(HM) *TELLURIUM
(NO) tellurite anion inhibits oxidation of NAD-linked substrates in kidney & liver mitochondria; RN given refers to parent cpd

Temaril see trimeprazine tartrate

temasept see tribromsalan

TEM-1 beta-lactamase see RTEM-1 beta-lactamase

TEM-2 beta-lactamase see RTEM-2 serine beta-lactamase

TEMED see N,N,N',N'-tetramethylethylenediamine

temekhin
(RN) 30015-57-7
(SY) 2,2,6,6-tetramethylquinuclidine
(HM) *QUINUCLIDINES
(PA) ANTIHYPERTENSIVE AGENTS
(NO) antihypertensive ganglionic blockader; russian drug; structure

Temetex see diflucortolone valerate

temigran see ergotamine tartrate

Temik sulfone see aldicarb sulfone

Temik sulfoxide see aldicarb sulfoxide

temocillin
(RN) 61545-06-0
(RR) 66148-78-5 ((2S-(2alpha,5alpha,6alpha))-isomer)
(SY) disodium
6beta-(2-carboxy-2-thien-3-ylacetamido) -6alpha-methoxypenicillanate
(SY) BRL 17421
(HM) *PENICILLINS
(NO) beta-lactam antibiotic with unusual spectrum of antibacterial activity & exceptional stability to bacterial beta-lactamases; RN given refers to di-Na salt (2S-(2alpha,5alpha,6alpha))-isomer; RN for parent cpd not in Chemline 7/83; structure in first source

tempalgin
(RN) 39296-38-3
(HM) *DIPYRONE
(HM) *PIPERIDONES
(HM) DRUG COMBINATIONS
(NO) combination of analgin and tempidon

tempamine
(RN) 14691-88-4
(SY) 2,2,6,6-tetramethylpiperidine-N-oxyl-4-amine
(SY) 4-amino-2,2,6,6-tetramethylpiperidin-1-oxyl
(HM) *CYCLIC N-OXIDES
(II) SPIN LABELS

tempamine-ouabain see
4-amino-2,2,6,6-tetramethylpiperidin-1-oxy-ouabain

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Tempidon
(RN) 29334-13-2
(RR) 826-36-8 (parent cpd)
(SY) 2,2,6,6-tetramethylpiperidone-4-toluene-p-sulfonate
(SY) triacetonamine
(HM) *PIPERIDONES
(HM) *TRIACETONEAMINE-N-OXYL/analogs
(PA) GANGLIONIC BLOCKADERS
(PA) TRANQUILIZING AGENTS
(NO) biologically active cpd is the 4-methylbenzenesulfonate; RN given refers to the 4-methylbenzenesulfonate; structure

TEMPO
(RN) 2564-83-2
(SY) 2,2,6,6-tetramethylpiperidine-1-oxyl
(HM) *CYCLIC N-OXIDES
(II) SPIN LABELS
(NO) structure

tempocholine
(RN) 50669-92-6
(SY) N,N-dimethyl-N-(2',2',6',6'-tetramethyl-4'-piperidyl)-2-hydroxyethylammonium chloride
(HM) *CYCLIC N-OXIDES
(II) SPIN LABELS

TEMPO-hydrazine see 2,2,6,6-tetramethylpiperidino-1-oxyl-4-hydrazine

tempol see 2,2,6,6-tetramethyl-4-piperidinol-N-oxyl

TENA see 6,6'-(ethylenebis(oxyethyleneimino))bis(17-(cyclopropylmethyl)-4,5-epoxymorphinan-3,14-diol

tenax
(RN) 24938-68-9
(SY) Tenax GC
(HM) *POLYMERS
(NO) porous polymer based on 2,6-diphenyl-p-phenylene oxide; used for trapping volatile organic compounds

Tenax GC see tenax

tendamistate see HOE 467A

T4 endonuclease VII see endodeoxyribonuclease VII

T4 endonuclease V see endodeoxyribonuclease V

Tenesor
(HM) PINDOLOL/*analogs
(HM) *HYDROCHLOROTHIAZIDE
(HM) DRUG COMBINATIONS
(PA) ANTIHYPERTENSIVE AGENTS
(NO) combination of mepindolol sulfate & hydrochlorothiazide

tennagen see Tennessee antigen

Tennessee antigen
(SY) tennagen
(SY) JCL-CEA
(HM) *ANTIGENS, NEOPLASM
(NO) tumor associated glycoprotein related to but different from CEA

tenoretic
(RN) 73677-19-7
(SY) igroseles
(HM) *ATENOLOL
(HM) *CHLORTHALIDONE
(HM) DRUG COMBINATIONS
(PA) ANTIHYPERTENSIVE AGENTS
(NO) contains above 2 cpds

tenoxicam see Ro12-0068

tensides
(HM) *SURFACE-ACTIVE AGENTS

tentoxin
(RN) 28540-82-1
(SY) cycloleucyl-N-methylalanylglycyl-N-methyl dehydrophenylalanine
(HM) *PEPTIDES, CYCLIC
(II) MYCOTOXINS
(NO) cyclic peptide from fungus Alternaria tenuis Auct.; structure

tenulin
(RN) 19202-92-7
(HM) *SESQUITERPENES
(PA) ANTINEOPLASTICS, BOTANICAL
(NO) toxic constituent of Helenium amarum (bitter sneezeweed); structure

teopranitol
(RN) 81792-35-0
(SY) KC 046
(SY) KC-046
(HM) *SUGAR ALCOHOLS
(NO) RN given from USAN; RN not in Chemline 10/84

teorema see glucometacin

teoremac see glucometacin

TEOZD see 3-(2-(2-thienyl)ethyl)-2,4-oxazolidenedione

TeO3(2-) see tellurous acid

TEPOPL see O-3-(2,2,5,5-tetramethylpyrrolinyl-1-oxyl)propen-2-oyl-beta-phenyllactate

TEPP see tetraethyl pyrophosphate

terabol see methyl bromide

terazolidone see terizidone

terazosin see terazosine

terazosine
(RN) 63590-64-7
(RR) 63074-08-8 (HCl)
(RR) 70024-40-7 (mono-HCl, dihydrate)
(SY) terazosin
(HM) *PIPERAZINES
(PA) ADRENERGIC ALPHA RECEPTOR BLOCKADERS/antag
(NO) induces decreased blood pressure; RN given refers to parent cpd

terbacil
(RN) 5902-51-2
(RR) 21446-77-5 (mono-Li salt)
(SY) 3-tert-butyl-5-chloro-6-methyluracil
(HM) URACIL/*analogs
(PA) HERBICIDES
(NO) RN given refers to parent cpd; structure

terbenthene
(RN) 127-91-3
(SY) terebenthene
(SY) beta-pinene
(HM) *BICYCLO COMPOUNDS

terbufos
(RN) 13071-79-9
(SY) Counter
(SY) O,O-diethyl S((tert-butylthio)methyl) phosphorodithioate
(HM) *ORGANOTHIOPHOSPHORUS COMPOUNDS
(PA) INSECTICIDES, ORGANOTHIOPHOSPHATE

terbuthylazine see terbutylazine

terbutrin see terbutryne

terbutryn see terbutryne

terbutryne
(RN) 886-50-0
(SY) 2-ethylamino-6-methylthio-4-tert-butylamino-1,3,5-triazine
(SY) clarosan
(SY) terbutrin
(SY) terbutryn
(SY) 2-(tert-butylamino)-4-(ethylamino)-6-(methylthio)-s-triazine
(HM) *TRIAZINES
(PA) HERBICIDES, TRIAZINE

terbutylazine
(RN) 5915-41-3
(SY) terbuthylazine
(HM) *TRIAZINES
(PA) HERBICIDES, TRIAZINE

terconazole
(RN) 67915-31-5
(SY) 1-(4-((2-(2,4-dichlorophenyl)-2-(1H-1,2,4-triazol-1-ylmethyl)-1,3-dioxolan-4-yl)methoxy) phenyl)-4-(1-methylethyl)piperazine
(SY) R 42470
(HM) *TRIAZOLES
(PA) ANTIFUNGAL AGENTS
(NO) structure & RN for (cis)-isomer from first source

tercuronium see terkuronii

terebenthene see terbenthene

Terenol see resorantel

terephthalic acid
(RN) 100-21-0
(RR) 29010-86-4 (unspecified benzenedicarboxylic acid)
(HM) *PHTHALIC ACIDS
(NO) RN given refers to 1,4-benzenedicarboxylic acid

terfenadine
(RN) 50679-08-8
(SY) a-(p-tert-butylphenyl)-4-(hydroxydiphenylmethyl) -1-piperidinebutanol
(SY) RMI 9918
(SY) terfenidine
(HM) *BENZHYDRYL COMPOUNDS
(PA) ANTIHISTAMINICS
(NO) structure

terfenidine see terfenadine

terferol
(RN) 20958-04-7
(HM) *TERPHENYL COMPOUNDS
(PA) 3',5'-CYCLIC AMP PHOSPHODIESTERASE/antag
(NO) from Streptomyces showdoensis SANK 65080; structure given in second source

Tergitol NPX see nonoxynols

tergitol NP-10 see nonoxynols

terguride see dironyl

teric N see terics

terics
(RN) 27986-36-3
(SY) nonylphenol ethoxylate
(SY) teric N
(SY) marlophen 89
(HM) *ETHYLENE GLYCOLS
(II) DETERGENTS
(NO) medicated blocks used for control of cattle bloat; RN given is for teric N

terivalidin see terizidone

terivalidine see terizidone

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terizidone
(RN) 25683-71-0
(RR) 52767-36-9 (Ca salt(R-(R*,R*))-isomer)
(SY) 4,4'-(p-phenylenebis(methyleneimino))bis-3-isoxazolidone
(SY) terivalidine
(SY) terivalidin
(SY) terazolidone
(HM) *OXAZOLES
(PA) ANTI-INFECTIVE AGENTS
(PA) ANTITUBERCULAR AGENTS
(NO) minor descriptor (75-84); on-line & Index Medicus search OXAZOLES (75-84); RN given refers to parent cpd without isomeric designation

terkuronii
(RN) 65448-99-9
(SY) tercuronium
(SY) IEM-858
(HM) *AMMONIUM COMPOUNDS
(PA) CURARE-LIKE AGENTS
(PA) MUSCLE RELAXANTS, CENTRAL
(NO) russian drug; structure

terminal guanylyltransfersae see GTP-RNA guanylyltransferase

N-terminal pro-opiocortin see MSH, pro-gamma-

N-terminal PTH see amino-terminal parathyroid hormone

N-terminal region, alpha-subunit, Torpedo nicotinic acetylcholine receptor 1-20 see Torpedo acetylcholine receptor, alpha-subunit 1-20

terminal uridylyltransferase see UTP-RNA uridylyltransferase

terminase
(RN) EC 3.1.-
(HM) *ENDONUCLEASES
(HM) *DNASE
(NO) endodeoxyribonuclease involved in assembly of lambda phage

termination factor RF-1 see peptide chain termination release factor 1

terodiline
(RN) 15793-40-5
(RR) 7082-21-5 (HCl)
(SY) N-tert-butyl-1-methyl-3,3-diphenylpropylamine
(SY) bicor
(SY) N-tert-butyl-3,3-diphenyl-1-methylpropylamine
(HM) *BUTYLAMINES
(PA) CALCIUM CHANNEL BLOCKERS
(NO) lipophilic drug with oral bioavailability of 80%; formerly used as antianginal drug; may be used to treat motor urge incontinence in women

terofenamate see etoclofene

teropterin see pteropterin

teroxirone see 1,3,5-triglycidyl-s-triazinetrione

teroxirone see 1,3,5-triglycidyl-s-triazinetrione

teroxirone see 1,3,5-triglycidyl-s-triazinetrione

terpene carbocyclase
(RN) EC 2.5.1.-
(SY) carbocyclase
(HM) *TRANSFERASES
(NO) involved in formation of cyclic monoterpenes from geranyl & neryl pyrophosphate; mechanism may be intramolecular analog of prenyltransferase

terpinenol-4
(RN) 562-74-3
(HM) *TERPENES

terrachlor see quintozene

terra-cortril
(RN) 62213-88-1
(HM) *OXYTETRACYCLINE
(HM) *HYDROCORTISONE, TOPICAL
(HM) DRUG COMBINATIONS

terrazole see etridiazol

terrecyclic acid A
(RN) 83058-94-0
(HM) SESQUITERPENES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) isolated from Aspergillus terreus; structure given in first source

terreic acid
(RN) 121-40-4
(RR) 52225-02-2 ((1S)-isomer)
(RR) 15255-24-0 ((+-)-isomer)
(HM) QUINONES
(PA) ANTIBIOTICS
(NO) antibiotic metabolite of mold Aspergillus terreus; RN given refers to (1R)-isomer; RN for cpd without isomeric designation not in Chemline 7/83; structure

terrilitin see terrilytin

terrilytin
(RN) 37338-91-3
(SY) terrylitin
(SY) terrilitin
(SY) terrylytin
(SY) terrilytine
(HM) *PEPTIDE HYDROLASES
(HM) *AMYLASES
(HM) DRUG COMBINATIONS
(PA) FIBRINOLYTIC AGENTS
(PA) ANTI-INFLAMMATORY AGENTS, TOPICAL
(NO) russian preparation with thrombolytic properties; contains proteases, phosphates, & amylase; from cultures of Asp. terricola

terrilytine see terrilytin

territrem A
(RN) 70407-19-1
(HM) *PYRANS
(II) MYCOTOXINS
(NO) tremorgenic mycotoxin from Aspergillus terreus

territrem B
(RN) 70407-20-4
(HM) *PYRANS
(II) MYCOTOXINS
(NO) tremorgenic mycotoxin from Aspergillus terreus; RN given refers to (4aR-(4aalpha,6abeta,12aalpha,12bbeta))-isomer; RN for cpd without isomeric designation not in Chemline 3/84

territrem C
(SY) 4a,6,6a,12,12a,12b-hexahydro-4a,12a-dihydroxy-4,4,6a,12b-tetramethyl-9-(3,5-dimethoxy-4-hydroxyphenyl)-4H,11H-naphtho(2.1-b)pyrano(3,4-e)pyran-1,11(5H)-dione
(HM) *PYRANS
(II) MYCOTOXINS
(NO) tremorgenic mycotoxin from Aspergillus terreus; MF C28-H32-O9; structure given in first source

Terro Ant Killer see sodium arsenate

terrylitin see terrilytin

terrylytin see terrilytin

tert-amyl alcohol
(RN) 75-85-4
(SY) t-amyl alcohol
(HM) *ALCOHOLS, AMYL

p-tert-amylphenol
(RN) 80-46-6
(RR) 53404-18-5 (mono-K salt)
(RR) 31366-95-7 (mono-Na salt)
(SY) para-tertiary-amyl-phenol
(HM) *PHENOLS
(II) DISINFECTANTS
(NO) RN given refers to parent cpd

tertatolol
(RN) 83688-84-0
(RR) 33580-30-2 (HCl(+-)-isomer)
(RR) 83688-85-1 (HCl)
(RR) 34784-64-0 ((+-)-isomer)
(SY) DL-8-(2'-hydroxy-3'-t-butylaminopropyloxy) thiochroman.HCl
(SY) S 2395
(SY) S-2395
(HM) *PROPANOLAMINES
(PA) MYOCARDIAL DEPRESSANTS
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS
(NO) RN given refers to parent cpd; structure given in first source

tert-BBCP see tert-butylbicyclophosphorothionate

tert-Boc-Leu-Phe-EA see N-tertiary-butyloxycarbonyl-leucyl-phenylalanine-ethanolamide

tert-butanol see tert-butyl alcohol

tert-butoxycarbonyl-ethyltyrosylhomoarginine methyl ester
(RN) 88718-86-9
(SY) Boc(Et-Tyr-Har) methyl ester
(HM) *DIPEPTIDES
(PA) ANALGESICS
(NO) structure given in first source

tert-butyl alcohol
(RN) 75-65-0
(RR) 1907-33-1 (Li salt)
(RR) 865-48-5 (Na salt)
(RR) 865-47-4 (K salt)
(RR) 556-91-2 (Al salt)
(SY) tert-butanol
(SY) t-butanol
(HM) *ALCOHOLS, BUTYL
(NO) RN given refers to parent cpd; other salts in 9th CI Form Index

4-tert-butyl-alpha-methylhydrocinnamaldehyde see lilial

tert-butylaminocarbonate
(SY) tert-butyloxycarbonyloxyamine
(HM) *HYDROXYLAMINES
(II) REAGENTS
(NO) acylating reagent for amines; structure given in first source

1-tert-butylamino-3-(2-chloro-5-carboxyphenoxy)propan-2-ol see 5-carboxybupranolol

2-(tert-butylamino)-4-(ethylamino)-6-(methylthio)-s-triazine see terbutryne

4-(3-tert-butylamino-1-hydroxypropoxy)benzimidazole-2-one see CGP 12177

(S)-2-(3-tert-butylamino-2-hydroxypropoxy)-3-cyanopyridine see MK-761

2-(3-tert-butylamino-2-hydroxypropoxy)-3-cyanopyridine see MK-761

4-(3-tert-butylamino-2-hydroxypropoxy-2-hydroxypropoxy)-3-iodo-1H-indole-2-carbonitrile see iodocyanopindolol

4-(3(tert-butylamino)-2-hydroxypropoxy)-N-methylisocarbostyril see N 696

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2-(4-(3-(tert-butylamino)-2-hydroxypropoxy)phenyl)-3-methyl-6-methoxy-4(3H)-quinazolinone see HX-CH 44 BS

4-(3-tert-butylamino-2-hydroxypropoxy)spiro (cyclohexane-1,2-indan)-1-one see LI 32-468

O-(3-(tert-butylamino)-2-hydroxypropyl)cyclopropyl methyl ketone oxime see falintolol

2-(3'-tert-butylamino-2'-hydroxypropylthio)-4-(5'-carbamoyl-2'-thienyl)thiazole hydrochloride see S-596

1-(tert-butylamino)-3-((2-methylindo)-4-yl)-2- propanol benzoate see bopindolol

1-(tert-butylamino)-3-((2-propynyloxy)phenoxy)-2-propanol.HCl see pargolol

2-tert-butylazo-2-hydroxy-5-methylhexane
(RN) 64819-51-8
(SY) BHMH
(HM) *AZO COMPOUNDS
(II) NEUROTOXINS
(NO) plastic foaming catalyst

5-tert-butyl-1,3-benzodioxole
(RN) 7228-36-6
(SY) 5-TBBD
(HM) *DIOXOLES
(NO) induces cytochrome P-450

4-tert-butylbenzoic acid
(RN) 98-73-7
(RR) 52509-84-9 (Ca salt)
(RR) 52509-83-8 (Mg salt)
(RR) 17264-53-8 (Na salt)
(RR) 16518-26-6 (K salt)
(RR) 10196-68-6 (Ba salt)
(RR) 4980-54-5 (Zn salt)
(RR) 4067-14-5 (Al salt)
(RR) 1320-16-7 (cpd with unspecified locants)
(SY) para-tert-butylbenzoic acid
(HM) *BENZOATES
(NO) RN given refers to parent cpd

N-tert-butyl-2-benzothiazolesulfenamide
(RN) 95-31-8
(SY) 2-BBTS
(HM) *THIAZOLES
(PA) MUTAGENS
(NO) rubber accelerator

tert-butyl beta-carboline-3-carboxylate
(SY) beta-carboline-3-carboxylate t-butyl ester
(SY) beta-CCtB
(HM) *CARBOLINES

tert-butylbicyclo-2-benzoate
(SY) tert-butylbicyclo-ortho-benzoate
(SY) t-BB2B
(HM) *BICYCLO COMPOUNDS
(II) LIGANDS
(NO) structure given in first source

tert-butylbicyclo-ortho-benzoate see tert-butylbicyclo-2-benzoate

tert-butylbicyclophosphorothionate
(RN) 70636-86-1
(SY) tert-BBCP
(SY) TBPS
(SY) t-butylbicyclophosphorothionate
(HM) *BICYCLO COMPOUNDS
(PA) CONVULSANTS
(NO) binds to GABA & ion recognition sites; structure given in first source

p-tert-butyl catechol
(RN) 98-29-3
(SY) 4-tertiary butyl catechol
(HM) *CATECHOLS
(II) ANTIOXIDANTS

tert-butylcatechol
(RN) 27213-78-1
(HM) *CATECHOLS
(II) ANTIOXIDANTS

3-tert-butyl-5-chloro-6-methyluracil see terbacil

2-(4-tert-butylcyclohexyl)-3-hydroxy-1,4- naphthoquinone see BW 58C

2-((4-tert-butylcyclohexyl)methyl)-3-hydroxy-1,4-naphthoquinone see buparvaquone

2-(tert-butyl)-4-(2,4-dichloro-5-isopropyloxy-phenyl) delta(2)-1,3,4-oxadiazoline-5-one see oxadiazon

2-tert-butyl-7-(2,4-dichlorophenyl) octahydro-2H-quinolizin-2-ol
(RN) 87922-67-6
(RR) 87982-61-4 ((+)-isomer)
(RR) 87982-62-5 ((-)-isomer)
(RR) 75384-71-3 (HCl(+-)-isomer)
(RR) 87982-63-6 (HCl(+)-isomer)
(RR) 87982-64-7 (HCl(-)-isomer)
(SY) 2-BDOQO
(HM) *QUINOLIZINES
(PA) ANTIPSYCHOTIC AGENTS
(NO) RN & structure given in first source; RN given refers to (+-)-isomer; RN for cpd without isomeric designation not available 3/84

8-tert-butyl-7,8-dihydro- -methyl-6H-pyrrolo(3,2-e)(1,2,4)triazolo(1,5-a)pyrimidine see CS-611

3-tert-butyl-4,5-dihydroxyanisole
(RN) 80284-15-7
(SY) 3-BHHA
(HM) *BUTYLATED HYDROXYANISOLE/analogs
(NO) metabolite of butylated hydroxyanisole

4-tert-butyl-1-(N(2)-(5-dimethylaminonaphthalene-1-sulfonyl-L-arginyl)piperidine see TI-233

2-(4'-tert-butyl-2',6'-dimethylphenylmethyl) imidazoline see xylometazoline

N-tert-butyl-3,3-diphenyl-1-methylpropylamine see terodiline

tert-butyl DMS cpds see t-butyldimethylsilyl compounds

2-tert-butyl-4-ethylphenol
(RN) 96-70-8
(HM) BUTYLATED HYDROXYTOLUENE/*analogs

tert-butylhydroperoxide
(RN) 75-91-2
(SY) t-butyl hydroperoxide
(HM) *PEROXIDES
(NO) oxidant

2-tert-butylhydroquinone
(RN) 1948-33-0
(SY) mono-tert-butylhydroquinone
(SY) TBHQ
(SY) 2-tertiary-butylhydroquinone
(HM) *HYDROQUINONES
(II) ANTIOXIDANTS

O-tert-butyl lysyl-tryptophyl-glycyl-lysinate
(RN) 86370-03-8
(SY) lysly-tryptophyl-glycyl-lysine O-tert-butyl ester
(SY) Lys-Try-Gly-Lys O-tBu
(HM) *OLIGOPEPTIDES
(II) FLUORESCENT DYES

N-tert-butyl-1-methyl-3,3-diphenylpropylamine see terodiline

tert-butyl methyl ether see methyl tert-butyl ether

2-tert-butyl-6-methyl-3-hydroxypyridine
(RN) 63688-35-7
(RR) 70553-91-2 (HCl)
(SY) IRP 1
(SY) IRP 3
(SY) IRP-1
(SY) IRP-3
(HM) *PICOLINES
(II) ANTIOXIDANTS
(NO) RN given refers to parent cpd

3-O-tert-butylmorphine
(RN) 34332-27-9
(HM) *MORPHINE DERIVATIVES
(PA) ANALGESICS
(NO) structure given in first source

N-tert-butyloxycarbonylalanine-4-nitrophenyl ester
(RN) 2483-49-0
(SY) Boc-Ala-4-nitrophenyl ester
(SY) N-tert-butyloxycarbonyl-Ala-4-nitrophenyl ester
(HM) ALANINE/*analogs
(NO) RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 7/84

N-tert-butyloxycarbonyl-Ala-4-nitrophenyl ester see N-tert-butyloxycarbonylalanine-4-nitrophenyl ester

tert-butyloxycarbonyl-2-aminoisobutyryl-prolyl-prolyl-methylamide
(RN) 84902-97-6
(SY) Boc-Aib-Pro-Pro-NHMe
(HM) *OLIGOPEPTIDES

tert-butyloxycarbonyl-aminooxyacetyl-tryptophyl-methionyl-aspartyl-phenylalaninamide
(RN) 68172-06-5
(SY) Boc-NHOAc-Trp-Met-Asp-Phe-NH2
(SY) tBNATMAP
(HM) PENTAGASTRIN/*analogs

tert-butyloxycarbonyl-arginylproline-2-naphthylamide
(RN) 90375-78-3
(SY) Boc-Arg-Pro-2-NA
(HM) *DIPEPTIDES
(PA) FLUORESCENT DYES
(NO) fluorogenic substrate for prolyl endopeptidase

N-tert-butyloxycarbonyl-S-9-fluorenylmethyl-L- cysteine p-nitrophenyl ester see N-tert-butyloxycarbonyl-S-9-fluorenylmethylcysteine 4-nitrophenyl ester

N-tert-butyloxycarbonyl-S-9-fluorenylmethylcysteine 4-nitrophenyl ester
(RN) 84888-30-2
(SY) N-tert-butyloxycarbonyl-S-9-fluorenylmethyl-L-cysteine p-nitrophenyl ester
(SY) BCFM-Cys-PNPE
(HM) *FLUORENES
(HM) CYSTEINE/*analogs
(NO) structure given in first source

tert-butyloxycarbonyl-glutamic acid 1-benzyl ester
(RN) 30924-93-7
(SY) t-Boc-glutamic acid alpha benzyl ester
(SY) B-Glu-BE
(HM) *GLUTAMATES
(NO) RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 8/85

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N-tert-butyloxycarbonyl-leucyl-glutamyl-glutamyl-valine
(SY) Boc-Leu-Glu-Glu-Val
(SY) BLGGV
(HM) *OLIGOPEPTIDES
(II) CHROMOGENIC COMPOUNDS

N-tert-butyloxycarbonyl-D-leucyl-L-phenylalanine-ethanolamide see
N-tertiary-butyloxycarbonyl-leucyl-phenylalanine-ethanolamide

tert-butyloxycarbonyl-methionyl-leucyl-phenylalanine methyl ester
(SY) Boc-Met-Leu-Phe OMe
(HM) N-FORMYLMETHIONINE LEUCYL-PHENYLALANINE/*analogs
(II) CHEMOTAXIS, LEUKOCYTE

tert-butyloxycarbonyl-norleucyl-glutaminyl-leucyl-glycyl-arginine-7-amino-4-methylcoumarin
(RN) 81943-91-1
(SY) Boc-Nle-Gln-Leu-Gly-Arg-AMC
(SY) BNGLGA-AMC
(HM) *OLIGOPEPTIDES
(HM) *COUMARINS
(II) FLUORESCENT DYES
(NO) fluorogenic substrate for C 3-5 converting enzyme

tert-butyloxycarbonyloxyamine see tert-butylaminocarbonate

tert-butyloxycarbonyl-phenylalanyl-prolyl-arginyl see GYKI 14,451

tert-butyl-oxy-carbonyl-D-Phe-Pro-Arg-H see GYKI 14,451

tert-butyloxycarbonyl-prolyl-2-aminoisobutyryl-alanyl-2-aminoisobutyrate methyl ester
(RN) 64295-19-8
(SY) Boc-Aib-Ala-Aib-OMe
(HM) *OLIGOPEPTIDES
(II) ALAMETHICIN/analogs

tert-butyloxycarbonylpyrimidoblamic acid
(SY) Boc-pyrimidoblamic acid
(HM) *PYRIMIDINES
(NO) structure given in first source

tert-butyloxycarbonyltryptophan
(RN) 13139-14-5
(RR) 5241-64-5 ((D)-isomer)
(SY) tert-butyloxycarbonyl-L-tryptophan
(SY) Boc-tryptophan
(HM) TRYPTOPHAN/*analogs
(NO) RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 7/85

tert-butyloxycarbonyl-L-tryptophan see
tert-butyloxycarbonyltryptophan

tert-butyloxycarbonyl-valyl-glycyl-arginine-2-naphthylamide
(RN) 64309-42-8
(SY) t-boc-Val-Gly-Arg-beta-naphthylamide
(SY) Boc-VGAN
(HM) *OLIGOPEPTIDES
(II) FLUORESCENT DYES
(NO) fluorogenic substrate for plasminogen activator measurement

tert-butyloxycarbonyl-valyl-leucyl-glycyl-arginine-3-amino-9-ethylcarbazole
(RN) 82576-32-7
(SY) Boc-Val-Leu-Gly-Arg-AEC
(SY) BVLGAA
(HM) *CARBAZOLES
(II) FLUORESCENT DYES
(NO) fluorogenic substrate

tert-butyl peroxynitrate
(RN) 42829-58-3
(HM) *PEROXIDES

p-tert-butylphenol see butylphen

p-tert-butylphenolformaldehyde resin see CKM-1634

p-tert-butylphenol formaldehyde resin see CKM-1634

4-tert-butylphenolformaldehyde resin see CKM-1634

2-tert-butylphenol
(RN) 88-18-6
(SY) 2-t-butylphenol
(HM) *PHENOLS

2-(4-tert-butylphenoxy)cyclohexyl-2-propynyl sulfite see Omite

2-(p-tert-butylphenoxy)-1-methylethyl 2-chloroethyl sulfurous acid ester see aramite

N-tert-butylphenylnitrone see phenyl-N-tert-butylnitrone

2-tert-butyl-4(5)-phenyl-5(4)-(3-pyridyl)imidazole see GP 53,633

3-tert-butylphenyl sec-butylcarbamate
(SY) 3-TBKPBC
(HM) *CARBAMATES
(PA) INSECTICIDES, CARBAMATE
(NO) (-)-isomer more toxic than (+)-isomer; structure given in first source

1-(4-(2-tert-butyl-quinolyl))-3-(4-piperidyl)propanol see PK 10139

1-(5-tert-butyl-1,3,4-thiadiazol-2-yl)-1,3- dimethylurea see tebuthiuron

1-(tert-butylthio)-1,2-hydrazinedicarboxylic acid
(RN) 86336-36-9
(SY) TBHDCA
(HM) *DICARBOXYLIC ACIDS

4-tert-butyltoluene
(RN) 98-51-1
(SY) para-tert-butyltoluene
(HM) TOLUENE/*analogs
(II) SOLVENTS

tert-decanoic acid oxiranylmethyl ester see Cardura E10

terthienyl
(RN) 1081-34-1
(SY) alpha-terthienyl
(SY) terthiophene
(HM) *THIOPHENES
(NO) structure

terthiophene see terthienyl

tertiary amine monooxygenase
(RN) EC 1.14.99.-
(SY) trimethylamine mono-oxygenase
(HM) *OXYGENASES
(NO) requires NADPH & FAD; can be separated from dimethylamine mono-oxygenase; oxidizes a variety of tertiary alkylamines up to tributylamine

4-tertiary butyl catechol see p-tert-butyl catechol

2-tertiary-butylhydroquinone see 2-tert-butylhydroquinone

tertiary-butyloxycarbonyl-alanine imidazolide
(SY) Boc-DL-Ala-imidazolide
(SY) TBCAI
(HM) *IMIDAZOLES

tertiary-butyloxycarbonyl-glycyl-tryptophyl-methionyl-aspartyl-phenylalaninamide
(RN) 5915-71-9
(SY) Boc-Gly-Trp-Met-Asp-Phe-NH2
(SY) tBGTMAP
(HM) PENTAGASTRIN/*analogs

tertiary-butyloxycarbonyl-isoleucyl-glutamyl-glycyl-arginyl-7-amino-4-methylcoumarin
(RN) 65147-06-0
(SY) Boc-Ile-Glu-Gly-Arg-MCA
(SY) BIGGAM
(HM) *COUMARINS
(HM) *OLIGOPEPTIDES
(II) FLUORESCENT DYES
(NO) synthetic oligopeptide with fluorescent detector

N-tertiary-butyloxycarbonyl-leucyl-phenylalanine-ethanolamide
(RN) 86810-21-1
(SY) tert-Boc-Leu-Phe-EA
(SY) N-tert-butyloxycarbonyl-D-leucyl-L-phenylalanine-ethanolamide
(SY) t-Boc-D-Leu-L-Phe-EA
(HM) *DIPEPTIDES

tertiary-butyloxycarbonyl-valyl-prolyl-arginyl-7-amino-4-methylcoumarin
(RN) 65147-04-8
(SY) Boc-Val-Pro-Arg-MCA
(SY) BVPAM
(HM) *OLIGOPEPTIDES
(HM) *COUMARINS
(II) FLUORESCENT DYES
(NO) synthetic oligopeptide with fluorescent detector

6-tertiary-butylseryl-2-(aminocarbonyl)hydrazide-10-deglycinamide-LHRH see ICI 118630

1-tert-isopropyl-4,4-diphenylpiperidine see prodipin

tert-nitrosobutane
(RN) 917-95-3
(SY) nitroso-tert-butane
(SY) 2-methyl-2-nitrosopropane
(HM) *NITROSO COMPOUNDS
(II) SPIN LABELS

TES
(RN) 7365-44-8
(HM) TROMETHAMINE/*analogs
(II) BUFFERS

TES-NSFR see
N-succinyl-4-amino-2,2,6,6-tetramethylpiperidine-1- oxyl

TESSI see triethylstannylsuccinimide

tessulatoxin
(RN) 85497-48-9
(HM) *MOLLUSK VENOMS
(NO) vasoactive protein from venom of marine snail Conus tessulatus

TEST
(RN) 77044-70-3
(HM) TROMETHAMINE/*analogs
(HM) *TROMETHAMINE
(HM) DRUG COMBINATIONS
(PA) CRYOPROTECTIVE AGENTS
(NO) mixture of TES (N-tris(hydroxymethyl)methyl-2-aminoethanesulfonic acid) & tromethamine

testerone hemisuccinate see testosterone-17-succinate

testicular 7 alpha-hydroxylase see steroid 7 alpha-hydroxylase

testicular anticoagulant protein
(SY) TEATP
(HM) *TESTICULAR HORMONES
(PA) ANTICOAGULANTS
(NO) from commercial bovine testicular hyaluronidase; inhibits human plasma prothrombin time; MW appr. 35,000

testololactone
(RN) 4416-57-3
(SY) hydrotestolactone
(HM) TESTOLACTONE/*analogs
(II) ANDROGENS, SYNTHETIC
(NO) do not confuse with TESTOLACTONE which is an androstadiene

testosterone acetate
(RN) 1045-69-8
(HM) TESTOSTERONE/*analogs

testosterone-15 beta-bovine serum albumin conjugate
(SY) testosterone-15-BSA
(HM) *TESTOSTERONE
(HM) *SERUM ALBUMIN, BOVINE
(NO) produces monoclonal antibodies to testosterone

testosterone 17 beta-carboxylic acid
(RN) 633-29-4
(HM) TESTOSTERONE/*analogs

testosterone 17 beta-cyclopentanepropionate see testosterone 17 beta-cypionate

testosterone 17 beta-cyclopentylpropionate see testosterone 17 beta-cypionate

testosterone 17 beta-cypionate
(RN) 58-20-8
(SY) testosterone 17 beta-cyclopentanepropionate
(SY) testosterone cypionate
(SY) testosterone 17 beta-cyclopentylpropionate
(SY) depotestosterone cypionate
(SY) depo-testosterone
(HM) TESTOSTERONE/*analogs
(II) DELAYED-ACTION PREPARATIONS

testosterone 17 beta-dehydrogenase (NADP+)
(RN) EC 1.1.1.64
(SY) TB-dehydrogenase (NADP+)
(HM) *TESTOSTERONE DEHYDROGENASES

testosterone 17 beta-dehydrogenase
(RN) EC 1.1.1.63
(RR) 9028-62-0 (CRN)
(SY) 17 beta-hydroxysteroid-NAD+ 17-oxidoreductase
(SY) 17 beta hydroxysteroid dehydrogenase
(HM) *TESTOSTERONE DEHYDROGENASES
(NO) catalyzes reversibly the oxidation of testosterone to 4-androstene-3,17-dione in the presence of NAD

testosterone 5 beta-reductase see 3-oxo-5 beta-steroid delta 4-dehydrogenase

testosterone-15-BSA see testosterone-15 beta-bovine serum albumin conjugate

testosterone-3-carboxymethyloxime-bovine serum albumin conjugate
(SY) testosterone-COM-BSA
(HM) TESTOSTERONE/*analogs
(HM) *SERUM ALBUMIN, BOVINE
(NO) produces monoclonal antibodies to testosterone

testosterone-COM-BSA see testosterone-3-carboxymethyloxime-bovine serum albumin conjugate

testosterone 17-cyclohexanecarboxylate
(RN) 14191-92-5
(SY) benzotest
(HM) TESTOSTERONE/*analogs
(NO) RN given refers to (17beta)-isomer; RN for cpd without isomeric designation not in Chemline 10/84

testosterone cypionate see testosterone 17 beta-cypionate

testosterone decanoate
(RN) 5721-91-5
(HM) TESTOSTERONE/*analogs
(NO) ester of testosterone

testosterone enanthate
(RN) 315-37-7
(SY) testosterone heptanoate
(SY) delatestryl
(HM) TESTOSTERONE/*analogs

testosterone formate
(RN) 3129-42-8
(SY) 4-androstene-3-one-17 beta-carboxylic acid
(HM) TESTOSTERONE/*analogs
(PA) TESTOSTERONE 5-ALPHA-REDUCTASE/antag

testosterone 17-glucosiduronate see testosterone glucuronate

testosterone glucuronate
(RN) 1180-25-2
(RR) 16996-33-1 ((alpha)-isomer)
(SY) testosterone glucuronide
(SY) testosterone 17-glucosiduronate
(HM) TESTOSTERONE/*analogs
(NO) natural conjugate isolated from human plasma; RN given refers to (beta)-isomer; RN for cpd without isomeric designation not in Chemline 7/83

testosterone glucuronide see testosterone glucuronate

testosterone heptanoate see testosterone enanthate

testosterone hydrogen succinate see testosterone-17-succinate

testosterone hydroxylase
(RN) EC 1.14.-
(HM) *STEROID HYDROXYLASES
(NO) acts at positions 6 alpha, 6 beta, 7 alpha, 15 alpha, and 16 alpha; see also record for 16 beta-hydroxylase

testosterone isobutyrate
(RN) 1169-49-9
(SY) Perandren M
(HM) TESTOSTERONE/*analogs
(II) SPERMATOGENESIS/drug eff

testosterone-3-oxime
(RN) 6911-95-1
(HM) TESTOSTERONE/*analogs
(NO) metabolite of testosterone

testosterone phenylpropionate see testosterone 17-phenylpropionate

testosterone 17-phenylpropionate
(RN) 1255-49-8
(SY) testosterone phenylpropionate
(SY) Retandrol
(HM) TESTOSTERONE/*analogs

testosterone receptor
(SY) receptor, testosterone
(SY) testosterone receptor protein
(SY) testosterone receptor complex
(SY) testosterone receptors
(HM) *RECEPTORS, STEROID
(II) TESTOSTERONE

testosterone receptor complex see testosterone receptor

testosterone receptor protein see testosterone receptor

testosterone receptors see testosterone receptor

testosterone-17-succinate
(RN) 521-15-3
(RR) 26297-16-5 (Na salt(17beta)-isomer)
(SY) testosterone hydrogen succinate
(SY) testerone hemisuccinate
(HM) TESTOSTERONE/*analogs
(NO) RN given refers to (17beta)-isomer; RN for cpd without isomeric designation not in Chemline 7/83

testosterone-17-sulfate
(RN) 651-45-6
(RR) 6739-11-3 (NH4 salt)
(RR) 6614-81-9 (Na salt)
(RR) 4579-56-0 ((17alpha)-isomer)
(SY) testosterone 17-sulphate
(HM) TESTOSTERONE/*analogs
(NO) RN given refers to (17beta)-isomer; RN for cpd without isomeric designation not in Chemline 7/83

testosterone 17-sulphate see testosterone-17-sulfate

testosterone undecanoate
(RN) 5949-44-0
(SY) undestor
(HM) TESTOSTERONE/*analogs

testriol see chimyl alcohol

4-TES see 4-succinimidyl-2,2,6,6-tetramethylpiperidine-N-oxide

tetaine see bacilysin

tetanohemolysin see tetanolysin

tetanolysin
(RN) 61614-31-1
(SY) tetanohemolysin
(HM) *TETANUS TOXIN
(NO) oxygen-labile hemolytic protein produced by Clostridium tetani

tetanus toxin fragment C
(SY) fragment C tetanus toxin
(HM) *TETANUS TOXIN
(HM) *PEPTIDE FRAGMENTS
(PA) NEUROMUSCULAR BLOCKING AGENTS
(II) TOXINS

tetanus toxin receptor
(SY) receptor, tetanus toxin
(SY) tetanus toxin receptors
(HM) *RECEPTORS, CHOLINERGIC
(II) TETANUS TOXIN
(II) SYNAPTIC RECEPTORS

tetanus toxin receptors see tetanus toxin receptor

10,11,12-TETA see 10,11,12-trihydroxyeicosatrienoic acid

8,11,12-TETA see 8,11,12-trihydroxy-5,9,14-eicosatrienoic acid

9-(Te-123m)telluraheptadecanoic acid see 9-tellurium Te 123m heptadecanoic acid

TETMSDVB resin II see triethylenetetraaminomethyl-styrene-divinylbenzene resin

tetraacetyl A33853 see tetraacetyl A 33853

tetraacetyl A 33853
(SY) tetraacetyl A-33853
(SY) tetraacetyl A33853
(HM) BENZOXAZOLES
(PA) ANTIBIOTICS
(NO) derivative of A 33853 which is isolated from Streptomyces sp., NRRL 12068; structure in first source

tetraacetyl A-33853 see tetraacetyl A 33853

2,3,4,6-tetra-O-acetyl-beta-D-glucopyranosyl isothiocyanate
(RN) 14152-97-7
(RR) 18866-59-6 ((D)-isomer)
(SY) GITC
(HM) *THIOCYANATES
(NO) RN given refers to (beta-D)-isomer; RN for cpd without isomeric designation not in Chemline 8/84

1-(2,3,4,6-tetraacetyl-beta-D-glucopyranosyl)phenobarbital
(SY) TAGPP
(HM) PHENOBARBITAL/*analogs
(NO) urinary metabolite of phenobarbital

2,3,6,6'-tetraacyl-alpha,alpha'-D-trehalose 2'- sulfate see sulfolipid I

tetra-L-alanine see alanyl-alanyl-alanyl-alanine

tetraalkyl lead
(HM) *TETRAETHYL LEAD/analogs

tetraalkyltin compounds
(HM) *ORGANOTIN COMPOUNDS

tetraamminecobalt(III)ATP
(RN) 63915-26-4
(SY) Co(NH(3))(4)ATP
(SY) (adenosine triphosphato)tetraamminecobalt(III)
(HM) ADENOSINE TRIPHOSPHATE/*analogs
(NO) inactive analog of MnATP

1,4,7,10-tetraazacyclododecane see cyclen

tetrabamate
(RN) 60763-47-5
(SY) atrium 300
(SY) atrium
(HM) *PHENOBARBITAL
(HM) *BARBITURATES
(HM) DRUG COMBINATIONS
(PA) PSYCHOTROPIC DRUGS
(NO) combination of 15mg phenobarbital, 50mg febarbamate & 50mg difebarbamate; used to treat withdrawal in alcoholism; structure

tetra-base see
N,N,N',N'-tetramethyl-4,4'-methylenedianiline

tetrabenzo(b,f,j,n)-1,5,9,13-tetraazacyclohexadecine copper see copper tetrabenzo(b,f,j,n)-1,5,9,13-tetraazacyclohexadecine

4,4',6,6'-tetrabromo-3,3'-biphenyldiol-2-dihydrogen phosphate see bromophenophos

3,3',4,4'-tetrabromobiphenyl
(RN) 77102-82-0
(HM) *POLYBROMOBIPHENYL COMPOUNDS

tetrabromobisphenol A
(RN) 79-94-7
(HM) *POLYBROMOBIPHENYL COMPOUNDS

tetrabromobisphenol A diglycidyl ether
(RN) 3072-84-2
(SY) TBADE
(HM) *POLYBROMOBIPHENYL COMPOUNDS
(II) FLAME RETARDANTS
(NO) used to provide products with fire-resistant properties; MW 656; structure given in first source

4,5,6,7-tetrabromo-2-cresolphthalein-3'-methyliminodiacetic acid
(RN) 85563-15-1
(SY) BP-IDA
(HM) *PHENOLPHTHALEINS
(II) GALLIUM RADIOISOTOPES
(NO) Ga-labeled cpd used for positron imaging of hepatobiliary function; structure given in first source

1,1,2,2-tetrabromoethane
(RN) 79-27-6
(HM) *HYDROCARBONS, BROMINATED

tetrabromomethane see carbon tetrabromide

tetrabromophenolphthalein ethyl ester
(RN) 1176-74-5
(RR) 62637-91-6 (K salt)
(SY) TBPPE
(HM) *PHENOLPHTHALEINS
(NO) RN given refers to parent cpd

3',3'',5',5''-tetrabromophenolphthalein
(RN) 76-62-0
(RR) 1301-20-8 (cpd with unspecified bromine locants)
(HM) *PHENOLPHTHALEINS
(NO) RN given refers to cpd with locants as specified; structure

1,3,3',5'-tetrabromophlorhizin
(RN) 86158-06-7
(SY) tetrabromophlorizin
(HM) PHLORHIZIN/*analogs
(NO) structure given in first source

tetrabromophlorizin see 1,3,3',5'-tetrabromophlorhizin

tetrabutylammonium
(RN) 10549-76-5
(RR) 1643-19-2 (bromide)
(RR) 32503-27-8 (sulfate)
(RR) 2052-49-5 (hydroxide)
(RR) 1941-27-1 (nitrate)
(RR) 311-28-4 (iodide)
(RR) 1112-67-0 (chloride)
(RR) 10442-39-4 (cyanide)
(RR) 5574-97-0 (monophosphate)
(RR) 993-22-6 (azide)
(RR) 1923-70-2 (perchlorate)
(RR) 429-41-4 (fluoride)
(RR) 62442-78-8 (sulfate[1:1] Na salt)
(SY) tetrabutylammonium bromide
(SY) tetrabutylammonium chloride
(SY) tetrabutylammonium hydroxide
(HM) *AMMONIUM COMPOUNDS
(II) DETERGENTS
(NO) lipophilic probe; RN given refers to parent cpd

tetrabutylammonium bromide see tetrabutylammonium

tetrabutylammonium chloride see tetrabutylammonium

tetrabutylammonium hydroxide see tetrabutylammonium

tetrac see tetraiodothyroacetic acid

tetracarboxyphenylporphine
(RN) 14609-54-2
(SY) meso-tetra-(4-carboxyphenyl)porphine
(SY) TCPP
(HM) *PORPHYRINS

meso-tetra-(4-carboxyphenyl)porphine see tetracarboxyphenylporphine

1,1,3,3-tetrachloroacetone
(RN) 632-21-3
(RR) 31422-61-4 (cpd with unspecified locants)
(HM) ACETONE/*analogs

1,3,4,6-tetrachloro-3 alpha,6 alpha-diphenylglycoluril see Iodo-Gen

3,4,3',4'-tetrachloroazobenzene
(RN) 14047-09-7
(RR) 64275-11-2 ((Z)-isomer)
(SY) TCAB
(HM) *CHLOROBENZENES
(HM) *AZO COMPOUNDS
(NO) unwanted contaminant found in commercial synthesis of dichloroaniline or herbicides made from dichloroaniline; implicated in outbreak of acne in chemical workers; RN given refers to parent cpd; structure

3,4,3',4'-tetrachloroazoxybenzene
(RN) 21232-47-3
(SY) TCAOB
(HM) *AZO COMPOUNDS
(NO) unwanted contaminant found in commercial synthesis of dichloroaniline or herbicides made from dichloroaniline; implicated in outbreak of acne in chemical workers

1,2,3,4-tetrachlorobenzene
(RN) 634-66-2
(HM) *CHLOROBENZENES

1,2,3,5-tetrachlorobenzene
(RN) 634-90-2
(HM) *CHLOROBENZENES

1,2,4,5-tetrachlorobenzene
(RN) 95-94-3
(HM) *CHLOROBENZENES

3,4,5,6-tetrachloro-1,2-benzoquinone see 2-chloranil

2,2',5,5'-tetrachlorobiphenyl 3,4-oxide
(SY) 2,2',5,5'-TBC 3,4-oxide
(HM) *POLYCHLOROBIPHENYL COMPOUNDS
(NO) structure given in first source

2,2',4,5'-tetrachlorobiphenyl
(RN) 41464-40-8
(SY) 2,2',4,5'-TCB
(HM) *POLYCHLOROBIPHENYL COMPOUNDS

2,2',5,5'-tetrachlorobiphenyl see 2,5,2',5'-tetrachlorobiphenyl

2,4,2',4'-tetrachlorobiphenyl
(RN) 2437-79-8
(SY) 2,4,2',4'-TCB
(HM) *POLYCHLOROBIPHENYL COMPOUNDS
(NO) structure

2,5,2',5'-tetrachlorobiphenyl
(RN) 35693-99-3
(SY) 2,2',5,5'-tetrachlorobiphenyl
(HM) *POLYCHLOROBIPHENYL COMPOUNDS

3,3',4,4'-tetrachlorobiphenyl see 3,4,3',4'-tetrachlorobiphenyl

3,4,3',4'-tetrachlorobiphenyl
(RN) 32598-13-3
(RR) 36712-88-6 (4,4'-(36)Cl-labeled cpd)
(SY) 3,3',4,4'-tetrachlorobiphenyl
(HM) *POLYCHLOROBIPHENYL COMPOUNDS
(NO) RN given refers to parent cpd

tetrachlorodecaoxide see oxoferin

tetrachlorodiammineplatinum(II) see diamminetetrachloroplatinum(II)

tetrachlorodian
(RN) 79-95-8
(SY) 4,4'-(1-methylethylidene)bis(2,6-dichlorophenol)
(HM) *CHLOROPHENOLS
(II) WATER POLLUTANTS, CHEMICAL
(NO) used in the manufacture of synthetic resins

2,3,7,8-tetrachlorodibenzo-p-dioxin receptors see 2,3,7,8-tetrachlorodibenzo-p-dioxin receptor

2,3,7,8-tetrachlorodibenzo-p-dioxin receptor
(SY) TCDBDRP
(SY) 2,3,7,8-tetrachlorodibenzo-p-dioxin receptors
(SY) receptor, 2,3,7,8-tetrachlorodibenzo-p-dioxin
(HM) *RECEPTORS, DRUG
(II) TETRACHLORODIBENZODIOXIN

1,3,7,9-tetrachlorodibenzo-p-dioxin
(RN) 62470-53-5
(HM) *TETRACHLORODIBENZODIOXIN/analogs
(NO) may be formed in production chloranil

2,3,7,8-tetrachlorodibenzofuran
(RN) 51207-31-9
(SY) 2,3,7,8-TCDF
(HM) *BENZOFURANS
(II) ENVIRONMENTAL POLLUTANTS
(NO) toxic product which was generated in Italy due to an explosion in a plant manufacturing 2,4,5-trichlorophenol

tetrachloroepoxyethane
(RN) 16650-10-5
(SY) tetrachloroethylene oxide
(HM) *EPOXY COMPOUNDS
(PA) CARCINOGENS
(NO) structure given in first source

tetrachloroethane
(RN) 25322-20-7
(HM) *HYDROCARBONS, CHLORINATED
(HM) ETHANE/*analogs
(NO) RN given refers to cpd with unspecified isomeric designation; see also records for 1,1,2,2-tetrachloroethane and 1,1,1,2-tetrachloroethane

1,1,2,2-tetrachloroethane
(RN) 79-34-5
(HM) ETHANE/*analogs
(HM) *HYDROCARBONS, CHLORINATED
(NO) see also record for tetrachloroethane

tetrachloroethylene oxide see tetrachloroepoxyethane

N-(tetrachloroethylthio)tetrahydrophthalimide see captafol

2,3,5,6,-tetrachlorohydroquinone
(RN) 87-87-6
(HM) *HYDROQUINONES

tetrachloroisophthalonitrile
(RN) 1897-45-6
(SY) chlorothalonil
(SY) Bravo
(SY) daconil
(HM) *NITRILES
(PA) FUNGICIDES, INDUSTRIAL
(NO) structure

2,5,2',5'-tetrachloro-4- methylthiobiphenyl
(RN) 60640-57-5
(RR) 66650-85-9 (cpd with unspecified methylthio locant)
(HM) *POLYCHLOROBIPHENYL COMPOUNDS
(NO) structure given in first source

tetrachloronitrobenzene
(RN) 28804-67-3
(SY) TCNB
(SY) Fusarex
(SY) Tecnazene
(SY) tecnazine
(HM) *NITROBENZENES
(PA) FUNGICIDES, INDUSTRIAL
(II) PLANT GROWTH REGULATORS
(NO) sprout suppressant for potatoes; can be either the 1,2,4,5- and/or the 1,2,3,5-tetrachloro isomer; RN given refers to cpd with unspecified isomeric designation

tetrachloropalladate see tetrachloropalladium

tetrachloropalladium
(RN) 14349-67-8
(RR) 13820-53-6 (di-Na salt)
(RR) 13820-40-1 (di-NH4 salt)
(RR) 13820-33-2 (di-Cs salt)
(RR) 10025-98-6 (di-K salt)
(RR) 15525-45-8 (di-Li salt)
(RR) 16970-55-1 (dihydrogen)
(SY) dipotassium tetrachloropalladate
(SY) tetrachloropalladate
(SY) disodium tetrachloropalladate
(HM) *PALLADIUM
(NO) RN given refers to ion(2-); see also record for palladium chloride RN: 7647-10-1

2,3,4,5-tetrachloro-6-(pentachlorophenoxy)phenol see nonachloroprediocin

2,3,4,5-tetrachlorophenate
(RN) 4901-51-3
(HM) *CHLOROPHENOLS

2,3,5,6-tetrachlorophenate
(RN) 935-95-5
(HM) *CHLOROPHENOLS

tetrachlorophenol
(RN) 25167-83-3
(HM) *CHLOROPHENOLS
(NO) RN given refers to cpd with unspecified isomeric designation; see also record for 2,3,4,6-tetrachlorophenol

2,3,4,6-tetrachlorophenol
(RN) 58-90-2
(RR) 131-61-3 (Na salt)
(HM) *CHLOROPHENOLS
(NO) RN given refers to parent cpd; see also record for tetrachlorophenol with locants for chloro groups not specified

tetrachlorophthalic anhydride
(RN) 117-08-8
(HM) *PHTHALIC ANHYDRIDES
(NO) structure

tetrachloroplatinate
(RN) 13965-91-8
(RR) 66446-67-1 (195Pt-labeled cpd di-K salt)
(RR) 13820-56-9 (di-Rb salt)
(RR) 13820-46-7 (tetra-NH4 salt)
(RR) 10026-00-3 (di-Na salt)
(RR) 10025-99-7 (di-K salt)
(RR) 13820-41-2 (di-NH4 salt)
(SY) tetrachloroplatinum dipotassium salt
(SY) dipotassium tetrachloroplatinate
(SY) ammonium tetrachloroplatinite(II)
(HM) *PLATINUM
(HM) *CHLORIDES
(NO) alters conformation of membrane proteins; RN given refers to parent cpd

tetrachloroplatinum dipotassium salt see tetrachloroplatinate

tetrachloropropene see 1,1,2,3-tetrachloropropene

1,1,2,3-tetrachloropropene
(RN) 10436-39-2
(RR) 60320-18-5 (cpd with unspecified chlorine locants)
(SY) tetrachloropropylene
(SY) 1,1,2,3-tetrachloropropylene
(SY) tetrachloropropene
(HM) *HYDROCARBONS, CHLORINATED
(NO) 1st & 5th sources for unspecified isomer; RN given refers to cpd with locants as specified; structure in third source

tetrachloropropylene see 1,1,2,3-tetrachloropropene

1,1,2,3-tetrachloropropylene see 1,1,2,3-tetrachloropropene

2,3,5,6-tetrachloro-4-pyridinol
(RN) 2322-38-5
(RR) 5000-22-6 (Na salt)
(HM) *PYRIDINES
(PA) ANTICOAGULANTS
(NO) RN given refers to parent cpd; structure

3,3',4',5-tetrachlorosalicylanilide
(RN) 1154-59-2
(HM) *SALICYLANILIDES
(II) ALLERGENS

3,4,5,6-tetrachloro-2-(2,3,4,5-tetrachlorophenoxy) phenol see octachloro-2-phenoxyphenol

tetrachlorotrifluoromethylbenzimidazole see 4,5,6,7-tetrachloro-2-trifluoromethylbenzimidazole

4,5,6,7-tetrachloro-2-trifluoromethylbenzimidazole
(RN) 2338-29-6
(SY) tetrachlorotrifluoromethylbenzimidazole
(HM) *BENZIMIDAZOLES
(II) UNCOUPLING AGENTS

tetracosactrin depot see adrenocorticotropin zinc

tetracyanoethylene
(RN) 670-54-2
(HM) *ETHYLENES
(HM) *NITRILES
(NO) structure

tetracyanoquinodimethane
(RN) 1518-16-7
(SY) TCNQ
(HM) *NITRILES
(II) SPIN LABELS
(NO) structure

tetracycline resistance-encoding transposon repressor protein see TET repressor

n-tetradecane
(RN) 629-59-4
(SY) tetradecane
(HM) *ALKANES

tetradecane see n-tetradecane

tetradecanoic acid see myristic acid

tetradecanoyl-CoA see S-tetradecanoyl-coenzyme A

S-tetradecanoyl-coenzyme A
(RN) 3130-72-1
(SY) tetradecanoyl-CoA
(SY) coenzyme A, tetradecanoyl-
(SY) myristoyl-coenzyme A
(SY) myristoyl-CoA
(HM) *ACYL COENZYME A

tetradecanoyl phorbol receptor see phorbol ester receptor

12-O-tetradeca-2,4,6,8-tetranoylphorbol-13-acetate
(RN) 64604-09-7
(SY) 12-OTTPA
(HM) *TETRADECANOYLPHORBOL ACETATE/analogs

2-tetradecenoic acid
(RN) 39525-69-4
(RR) 14811-80-4 ((E)-isomer)
(HM) *FATTY ACIDS, UNSATURATED

4-tetradecylbenzenesulfonic acid hypochlorite see oxychlorosene

2-tetradecylglycidic acid
(RN) 68170-97-8
(SY) McN-3802
(HM) *EPOXY COMPOUNDS
(HM) *FATTY ACIDS
(PA) HYPOGLYCEMIC AGENTS
(NO) structure

2-tetradecylglycidyl-CoA see 2-tetradecylglycidyl-coenzyme A

2-tetradecylglycidyl-coenzyme A
(SY) 2-tetradecylglycidyl-CoA
(SY) TDGA-CoA
(SY) McN 4924
(SY) NcN-4924
(SY) coenzyme A, 2-tetradecylglycidyl
(HM) PALMITOYL COENZYME A/*analogs
(NO) active form of methyl palmoxirate

5-(tetradecyloxy)-2-furancarboxylic acid see RMI 14514

5-(tetradecyloxy)-2-furoic acid see RMI 14514

5-(tetradecyloxy)-2-furoyl-coenzyme S
(SY) tofyl-CoA
(SY) coenzyme A, 5-(tetradecyloxy)-2-furoyl
(HM) *ACYL COENZYME A

tetradecyltrimethylammonium
(RN) 10182-92-0
(RR) 1119-97-7 (bromide)
(RR) 15934-10-8 (iodide)
(RR) 4574-04-3 (chloride)
(RR) 65059-43-0 (CH3SO4 salt)
(SY) trimethyltetradecylammonium bromide
(SY) myristyl trimethylammonium bromide
(SY) tetradecyltrimethylammonium bromide
(HM) *AMMONIUM COMPOUNDS
(NO) cationic detergent; used to determine thermal stability of DNA; RN given refers to parent cpd

tetradecyltrimethylammonium bromide see tetradecyltrimethylammonium

tetra(deoxycytidylic acid-deoxyguanylic acid)
(SY) (dC-dG)(4)
(HM) *OLIGODEOXYRIBONUCLEOTIDES

tetradifon
(RN) 116-29-0
(SY) p-chlorophenyl 2,4,5-trichlorophenyl sulfone
(SY) duphar
(HM) *HYDROCARBONS, CHLORINATED
(PA) INSECTICIDES, ORGANOCHLORINE
(NO) acaricide; ovicide on deciduous fruits, citrus, cotton and other crops; structure

tetraethoxysilane
(RN) 78-10-4
(HM) *SILANES

tetraethylammonium
(RN) 66-40-0
(RR) 56-34-8 (chloride)
(RR) 429-07-2 (hexafluorophosphate(1-))
(RR) 77-98-5 (hydroxide)
(RR) 71-91-0 (bromide)
(RR) 68-05-3 (iodide)
(RR) 28020-43-1 (sulfite[1:1])
(RR) 2604-85-5 (sulfate[2:1])
(RR) 2567-83-1 (perchlorate)
(RR) 1941-26-0 (nitrate)
(RR) 1185-59-7 (acetate)
(RR) 66546-3 (fluoride)
(RR) 429-06-1 (tetrafluoroborate(1-))
(RR) 17083-85-1 (tetrahydroborate(1-))
(SY) tetraethylammonium chloride
(SY) tetraethylammonium fluoride
(SY) tetraethylammonium bromide
(HM) *TETRAETHYLAMMONIUM COMPOUNDS
(NO) RN given refers to parent ion

tetraethylammonium bromide see tetraethylammonium

tetraethylammonium chloride see tetraethylammonium

tetraethylammonium fluoride see tetraethylammonium

tetraethylene glycol diacrylate
(RN) 17831-71-9
(HM) *ACRYLATES

tetraethyleneimino-1,4-benzoquinone see 2,3,5,6-tetraethyleneimino-1,4-benzoquinone

2,3,5,6-tetraethyleneimino-1,4-benzoquinone
(RN) 4239-06-9
(SY) tetraethyleneimino-1,4-benzoquinone
(HM) *AZIRIDINES
(HM) *QUINONES
(PA) MUTAGENS
(PA) ALKYLATING AGENTS

tetraethylenepentamine
(RN) 112-57-2
(HM) *ETHYLENEDIAMINES

tetraethyl pyrophosphate
(RN) 107-49-3
(SY) TEPP
(HM) *ORGANOPHOSPHORUS COMPOUNDS
(PA) CHOLINESTERASE INHIBITORS
(PA) PARASYMPATHOMIMETICS
(NO) topical agent for glaucoma; structure

tetraethylthiuram monosulfide see monosulfiram

tetraethyltin
(RN) 597-64-8
(HM) *ORGANOTIN COMPOUNDS

3,3',5,5'-tetrafluorodiethylstilbestrol quinone
(RN) 86321-57-5
(SY) TF-DES quinone
(HM) DIETHYLSTILBESTROL/*analogs
(PA) CARCINOGENS
(NO) structure given in first source

tetrafluoroethylene
(RN) 116-14-3
(RR) 41410-67-7 (ion(1+))
(RR) 65338-13-8 (ion(1-))
(HM) *FLUOROCARBONS
(NO) RN given refers to parent cpd; structure

tetrafluoroethylene polymer with ethene see Tefzel

2,3,5,6-tetrafluorophenol
(RN) 769-39-1
(HM) *FLUOROBENZENES

tetrafungin
(RN) 87502-38-3
(HM) POLYENES
(PA) ANTIBIOTICS, ANTIFUNGAL
(NO) polyene macrolide antibiotic from Streptomyces albulus tetrafungini

tetraglycidyl-4,4'-methylene dianiline
(RN) 28768-32-3
(SY) TGMDA
(HM) *EPOXY COMPOUNDS
(HM) *ANILINE COMPOUNDS
(NO) found in composite materials; causes contact dermatitis; structure given in first source

tetrahydroaldosterone
(RN) 13489-75-3
(RR) 19360-15-7 ((3beta,5beta,11beta)-isomer)
(RR) 6251-41-8 ((3beta,5alpha,11beta)-isomer)
(SY) 3 alpha,5 alpha-tetrahydroaldosterone
(SY) 3 alpha,5 beta-tetrahydroaldosterone
(HM) ALDOSTERONE/*analogs
(NO) RN given refers to (3alpha,5beta,11beta)-isomer; RN for cpd without isomeric designation not in Chemline 7/83

tetrahydroaldosterone 3 beta-glucosiduronic acid
(RN) 20605-81-6
(SY) 11 beta,18-epoxy-18,21-dihydroxy-20-oxo-5 beta-pregnan-3 alpha-yl beta-D-glucopyranosiduronic acid
(SY) TA-GA
(SY) tetrahydroaldosterone-3-glucuronide
(HM) ALDOSTERONE/*analogs
(NO) major urinary metabolite of aldosterone; structure

tetrahydroaldosterone-3-glucuronide see tetrahydroaldosterone 3 beta-glucosiduronic acid

tetrahydroalstonine see ajmalicine

8,9,10,11-tetrahydrobenzanthracene-8,9-diol-10,11- epoxide see 8,9-dihydroxy-10,11-epoxy-8,9,10,11-tetrahydrobenz(a)anthracene

1,2,3,4-tetrahydro-13H-benz(g)indole(2,3-a) pyridocolinium nitrate see sempervirine

7,8,8a,9a-tetrahydrobenzo(10,11)chryseno(3,4-b) oxirene-7,8-diol see benzo(a)pyrene 7,8-dihydrodiol 9,10-epoxide

7,8,9,10-tetrahydrobenzo(a)pyrene
(RN) 17750-93-5
(SY) 7,8,9,10-THBP
(HM) *BENZOPYRENES
(PA) CARCINOGENS

tetrahydroberberine see canadine

tetrahydro-beta-carboline see tryptoline

tetrahydrobiopterin see 5,6,7,8-tetrahydrobiopterin

5,6,7,8-erythro-tetrahydrobiopterin see 5,6,7,8-tetrahydrobiopterin

5,6,7,8-tetrahydrobiopterin
(RN) 17528-72-2
(RR) 27070-47-9 (cpd with unspecified locants (S-(R*,S*))-isomer)
(SY) phenylalanine hydroxylase cofactor
(SY) 5,6,7,8-erythro-tetrahydrobiopterin
(SY) tetrahydrobiopterin
(HM) *BIOPTERIN/analogs
(NO) RN given refers to parent cpd

tetrahydrocannabinol C4'-glucuronide
(RN) 67627-13-8
(HM) TETRAHYDROCANNABINOL/*analogs
(NO) glucosidation takes place on C4' ring atom rather than on free phenolic group; structure

tetrahydro compound S see tetrahydro-11-deoxycortisol

tetrahydrocorticosterone
(RN) 68-42-8
(RR) 27857-26-7 ((3beta,5beta)-isomer)
(RR) 600-63-5 ((3alpha,5alpha)-isomer)
(RR) 72075-11-7 ((3alpha,5beta,11alpha)-isomer)
(RR) 600-62-4 ((5alpha)-isomer)
(RR) 516-16-5 ((3beta,5alpha,11beta)-isomer)
(SY) allopregnane-3 beta,11 beta,21-triol-20-one
(SY) 3 beta,11 beta,21-trihydroxy-5 alpha-pregnan-20-one
(HM) CORTICOSTERONE/*analogs
(NO) RN given refers to (3alpha,5beta,11beta)-isomer; RN for cpd without isomeric designation not in Chemline 7/83

tetrahydrodeoxycortisol see tetrahydro-11-deoxycortisol

tetrahydro-11-deoxycortisol
(RN) 68-60-0
(SY) tetrahydro compound S
(SY) tetrahydrodeoxycortisol
(SY) trihydroxypregnanone
(SY) 3 alpha, 17,21-trihydroxy-5 beta-pregnan-20-one
(HM) *CORTODOXONE/analogs

tetrahydrodesoxycorticosterone see 3 alpha,5 beta-tetrahydrodeoxycorticosterone

1,2,3,11a-tetrahydro-2,8-dihydroxy-7-methoxy-5H-pyrrolo(2,1-c)(1,4)-benzodiazepin-5-one see chicamycin B

2,3,4,5-tetrahydro-7,8-dihydroxy-1-phenyl-1H-3-benzazepine see SK&F 38393

1,3,4,5-tetrahydro-7,8-dimethoxy-3-(3-((2-(3,4-dimethoxyphenyl)ethyl)methylimino)propyl)-2H-3-benzazepin-2-one HCl see UL-FS 49

4-((1,2,3,4-tetrahydro-6,7-dimethoxy-2-methyl-1-isoquinolinyl)methyl)-2-(4-((1,2,3,4-tetrahydro-6,7-dimethoxy-2-methyl-1-isoquinolinyl)methyl)phenoxy) phenol see dauricine

(+-)-6,7,8,9-tetrahydro-2,12-dimethoxy-7-methyl-6-phenethyl-5H-dibenz(d,f)azonine-1-ol see asocainol

2,3,4,5-tetrahydro-7,8-dimethoxy-3-methyl-1-phenyl-1H-3-benzazepine see trimopam

2,3,6,7-tetrahydro-9,10-dimethoxy-3-methyl-2-((2,4,6-trimethylphenyl)imino)-4H-pyrimido(6,1-a)isoquinolin-4-one, monohydrochloride see trequinsin

1,2,3,4-tetrahydro-7,12-dimethylbenz(a) anthracene
(RN) 67242-54-0
(SY) TH-DMBA
(HM) 9,10-DIMETHYL-1,2-BENZANTHRACENE/*analogs
(PA) CARCINOGENS

2,3,4,9-tetrahydro-N,N-dimethyl-1H-carbazole-3-amine see cyclindole

tetrahydrodipicolinate succinylase see succinyl-CoA-tetrahydrodipicolinate N- succinyltransferase

tetrahydrodipicolinate N-succinyltransferase see succinyl-CoA-tetrahydrodipicolinate N- succinyltransferase

tetrahydrofolate see 5,6,7,8-tetrahydrofolic acid

tetrahydrofolic acid see 5,6,7,8-tetrahydrofolic acid

5,6,7,8-tetrahydrofolic acid
(RN) 29347-89-5
(RR) 135-16-0 ((L)-isomer)
(RR) 15582-28-2 ((D-(-))-isomer)
(SY) tetrahydrofolic acid
(SY) tetrahydrofolate
(HM) *TETRAHYDROFOLATES
(NO) RN given refers to (DL)-isomer; RN for cpd without isomeric designation not in Chemline 7/83

tetrahydrofuran
(RN) 109-99-9
(HM) *FURANS
(II) SOLVENTS

3-(tetrahydro-2-furanyl)-5-fluoro-2,4-pyrimidinedione see 3-FT

3-(tetrahydro-2-furanyl)-5-fluorouracil see 3-FT

tetrahydrofurfuryl alcohol
(RN) 97-99-4
(RR) 57203-01-7 ((S)-isomer)
(RR) 22415-59-4 ((R)-isomer)
(HM) *FURANS
(NO) RN given refers to parent cpd; structure

tetrahydrofurfuryl alcohol polyethylene glycol ether see glycofurol

tetrahydrofurfuryl nicotinate see thurfyl nicotinate

(N-tetrahydrofurfuryl)noroxymorphone see MR 2096

9-(tetrahydro-2-furyl)-adenine see SQ 22536

9-(tetrahydro-2-furyl)-6-mercaptopurine see 6-mercapto-9-(tetrahydro-2-furyl)purine

tetrahydroharmane
(RN) 2506-10-7
(RR) 525-40-6 ((+-)-isomer)
(RR) 6678-82-6 (mono-HCl)
(RR) 2254-36-6 ((R)-isomer)
(RR) 23844-21-5 ((S)-isomer)
(SY) tetrohydroharmane
(HM) *HARMALINE/analogs
(NO) RN given refers to parent cpd

tetrahydrohomofolic acid
(RN) 5786-82-3
(RR) 16106-09-5 (Na salt(L-Glu)-isomer)
(RR) 15565-55-6 ((L-Glu)-(S)-isomer)
(RR) 15565-54-5 ((L-Glu)-(R)-isomer)
(SY) N-(4-((2-(2-amino-5,6,7,8-tetrahydro-4-hydroxy-6-pteridinyl)ethyl)amino)benzoyl)-L-glutamic acid
(SY) NSC 89473
(HM) FOLIC ACID/*analogs
(PA) ANTIMETABOLITES, ANTINEOPLASTIC
(PA) ANTIMETABOLITES
(NO) inhibitor of thymidylate synthetase; antibacterial & antimalarial; minor descriptor (77-84); on-line & Index Medicus search FOLIC ACID/AA (77-84); RN given refers to parent cpd(L-Glu)-isomer; RN for cpd without isomeric designation not in Chemline 8/84

3,6,7,8-tetrahydro-3-((2-hydroxyethoxy) methyl)imidazo(4,5-d)(1,3)diazepin-8-ol
(RN) 86646-88-0
(SY) 3,6,7,8-THID
(HM) *COFORMYCIN/analogs
(PA) ADENOSINE DEAMINASE/antag
(NO) RN given refers to (+-)-isomer; RN & structure from first source; RN not in Chemline 11/7/83

1,4,5,6-tetrahydro-2-(3-hydroxy styryl)-1- methylpyrimidine see oxantel

2,3-cis-1,2,3,4-tetrahydro-5-((2-hydroxy-3-tert-butylamino)propoxy)-2,3-naphthalenediol see nadolol

1,2,3,4-tetrahydroisoquinoline-7-sulfonamide see SK&F 29661

1,2,3,4-tetrahydroisoquinoline
(RN) 91-21-4
(RR) 14099-81-1 (HCl)
(HM) *ISOQUINOLINES
(NO) RN given refers to cpd with locants as specified

5,6,7,8-tetrahydro-4H-isoxazolo(4,5-d) azepin-3-ol
(RN) 53658-58-5
(RR) 85250-69-7 (HBr)
(SY) THAZ
(HM) *ISOXAZOLES
(NO) glycine antagonist; see also record for (4,5-c) cpd; RN given refers to parent cpd

4,5,6,7-tetrahydroisoxazolo(4,5-c) pyridin-3-ol
(RN) 53602-00-9
(RR) 85250-65-3 (HBr)
(SY) THPO
(HM) *ISOXAZOLES
(NO) inhibitor of GABA uptake systems; RN given refers to parent cpd

4,5,6,7-tetrahydroisoxazolo(5,4-c) pyridin-3-ol
(RN) 64603-91-4
(SY) THIP
(SY) gaboxadol
(SY) LU-2-030
(SY) LU 2030
(HM) *ISOXAZOLES
(PA) ANALGESICS
(PA) ANTICONVULSANTS
(PA) APPETITE DEPRESSANTS
(PA) ANESTHETICS
(NO) GABA agonist; inhibitor of GABA uptake systems; structure

O-(1,2,3,4-tetrahydro-1,4-methanonaphthalen-6- yl) m-N-dimethylthiocarbanilate see tolciclate

5,6,7,8-tetrahydromethanopterin
(SY) H4MPT
(HM) *PTERINS

1,2,3,4-tetrahydro-8-methoxy-5-(methylthio)-2-naphthalenamine see SK&F 89748

2,3,4,5,-tetrahydro-3-(methylamino)-1-benzoxepin-5-ol see exepanol

4,6,7,14-tetrahydro-5-methyl-bis(1,3)benzodioxolo(4,5-c:5',6'-g)azecin-13(5H)-one see protopine

tetrahydromethylenefolate see 5,10-methylenetetrahydrofolate

2,3,4,5-tetrahydro-3-methyl-6-(phenylthio)-1H-3-benzazepine-7,8-diol see SK&F 83742

1,3,4,14b-tetrahydro-2-methyl-10H-pyrazino-(1,2-a) pyrrolo(2,1-c)(1,4)-benzodiazepine see aptazapine

1,4,5,6-tetrahydro-2-methyl-4-pyridinecarboxylic acid see ectoine

5,6,7,8-tetrahydro-2-naphthol
(RN) 1125-78-6
(HM) *NAPHTHOLS
(NO) structure given in first source

2-(5,6,7,8-tetrahydro-1-naphthylamino)-2-imidazoline see tramazoline

2-(1,2,3,4-tetrahydro-1-naphthyl)-2-imidazoline see tetrahydrozoline

1,4,5,6-tetrahydronicotinamide adenine dinucleotide
(RN) 31172-31-3
(HM) NAD/*analogs

tetrahydronorharmane see tryptoline

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tetrahydropalmatine
(RN) 10097-84-4
(RR) 2506-20-9 (HCl)
(RR) 4880-82-4 (HCl(S)-isomer)
(RR) 3520-14-7 ((R)-isomer)
(RR) 6024-83-5 (HCl(R)-isomer)
(RR) 2934-97-6 ((+-)-isomer)
(RR) 6024-85-7 (HCl(+-)-isomer)
(RR) 483-14-7 ((S)-isomer)
(SY) tetrahydropalmitine
(SY) gindarin
(SY) 5,8,13,13a-tetrahydro-2,3,9,10-tetramethoxy-6H-dibenzo(a,g)quinolizine
(HM) *BERBINES
(HM) *ALKALOIDS
(PA) TRANQUILIZING AGENTS, MAJOR
(NO) RN given refers to parent cpd without isomeric designation

tetrahydropalmitine see tetrahydropalmatine

3a,4,13,13a-tetrahydro-5,6,7,10,11-pentamethoxydibenzo(4,5:6,7)-cycloocta(1,2-c)furan-3(1H)-one see neoisostegane

3,4,5,6-tetrahydrophthalic acid anhydride
(RN) 2426-02-0
(RR) 26266-63-7 (cpd with unspecified locants)
(HM) *PHTHALIC ANHYDRIDES
(NO) RN given refers to cpd with locants as specified

tetrahydrophthalimide
(RN) 27813-21-4
(SY) cis-4-cyclohexene-1,2-dicarboximide
(HM) *PHTHALIMIDES
(NO) captan metabolite in fruit crops

1,3,4,9-tetrahydro-1-propylpyrano(3,4-b)indole-1- acetic acid see prodolic acid

2,3,4,5-tetrahydro-6-propylpyridine see gamma-coniceine

5,6,7,8-tetrahydropteridine
(RN) 10593-78-9
(HM) *PTERIDINES

tetrahydropterin
(RN) 1008-35-1
(HM) *PTERINS

4'-O-tetrahydropyranyladriamycin
(RN) 72496-41-4
(SY) THP-ADM
(SY) THP-adriamycin
(SY) Theprubicin
(HM) DOXORUBICIN/*analogs

1,2,3,6-tetrahydropyridine-4-sulfonic acid
(SY) DH-P4S
(HM) *PYRIDINES

9H-1,2,3,4-tetrahydropyrido(3,4-b)indole see tryptoline

tetrahydrosepiapterin
(RN) 87622-51-3
(HM) *PTERIDINES
(NO) structure given in first source

1,2,4,5-tetrahydrotestolactone
(RN) 7801-32-3
(HM) TESTOLACTONE/*analogs
(NO) metabolite of testolactone; structure given in first source; RN given refers to (5alpha)-isomer; RN for cpd without isomeric designation not in Chemline 5/85

5,8,13,13a-tetrahydro-2,3,9,10-tetramethoxy-6H-dibenzo(a,g)quinolizine see tetrahydropalmatine

4-(2-(5,6,7,8-tetrahydro-5,5,8,8-tetramethyl-2-naphthalenyl)-1-propenyl)benzoic acid see Ro 13-7410

6-(1,2,3,4-tetrahydro-1,1,4,4-tetramethyl-6-naphthyl)-2-naphthalenecarboxylic acid
(RN) 86471-16-1
(SY) 6-TTNNC
(HM) *NAPHTHALENES
(NO) reverses keratinization process in hamster tracheal organ culture; inhibits induction of ornithine decarboxylase; structure & RN given in first source; RN not in Chemline 12/5/83

tetrahydrothiamine pyrophosphate
(RN) 35728-83-7
(SY) tetrahydro-TPP
(HM) THIAMINE PYROPHOSPHATE/*analogs
(NO) structure given in first source

2-((1,5,10,10a-tetrahydro-3H-thiazolo(3,4b)isoquinolin-3-ylidene)amino)-4-thiazole acetic acid see RP 44081

tetrahydrothiophene 1-oxide see tetramethylene sulfoxide

tetrahydro-TPP see tetrahydrothiamine pyrophosphate

5,6,7,8-tetrahydrotrazodone
(RN) 86227-20-5
(HM) TRAZODONE/*analogs
(NO) biologically acitve analog of trazodone; may be component of serotonin transmitter system; structure given in first source

1,3,4,9-tetrahydro-N,N,1-trimethylindeno(1,2-c)-pyran-1,ethylamine.HCl see pirandamine

1,3,5,6-tetrahydroxy-5-androstan-17-one
(RN) 90134-60-4
(SY) 1 beta,3 beta,5,6 beta-tetrahydroxy-5 alpha-androstan-17-one
(SY) 1,3,5,6-THAO
(HM) *ANDROSTANOLS
(NO) from soft coral Sarcophyton glaucum; structure given in first source

2,3,10,11-tetrahydroxyberbine
(RN) 53905-56-9
(RR) 57229-42-2 (HCl)
(RR) 63845-21-6 ((+-)-isomer)
(RR) 64727-38-4 ((R)-isomer)
(RR) 64727-39-5 ((S)-isomer)
(RR) 72072-55-0 (HBr(R)-isomer)
(RR) 72076-99-4 (HBr(+-)-isomer)
(RR) 72072-56-1 (HBr(S)-isomer)
(HM) *BERBINES
(NO) RN given refers to parent cpd without isomeric designation; structure given in first source

1,8,1',8'-tetrahydroxybisanthrone
(RN) 31991-54-5
(SY) 1,8,1',8'-THBA
(HM) *ANTHRAQUINONES
(NO) metabolite of dithranol in skin; structure given in first source

2',3,4,4'-tetrahydroxychalcone see butein

1,1'-(2,4,5,6-tetrahydroxy-1,3-cyclohexylene) diguanidine see streptidine

2',5,5',7-tetrahydroxy-6',8-dimethoxyflavone
(SY) Sb-1
(SY) Sb 1
(HM) *FLAVONES
(PA) LIPID PEROXIDES/antag
(NO) structure given in first source

5,7,3,4-tetrahydroxyflavan-3',4'-diol see leucocyanidin

3,4',5,7-tetrahydroxyflavone see kempferol

3',4',5,7-tetrahydroxyflavone see luteolin

3',4',5,7-tetrahydroxy-3-methoxyflavan see 3-O-methylcatechin

5,6,7,4'-tetrahydroxy-8-(3-methylbut-2-enyl)flavanone-5-O-rutinoside see nirurin

1,6,7,8-tetrahydroxyoctahydroindolizine see castanospermine

11,17,20,20-tetrahydroxy-3-oxo-pregna-1,4-dien-21-oic acid methyl ester see methyl 20-dihydroprednisolonate

2,4,3',5'-tetrahydroxystilbene see puag-haad

3,3',4,5'-tetrahydroxystilbene
(RN) 4339-71-3
(HM) *STILBENES
(PA) ANTIFUNGAL AGENTS
(NO) isolated from heartwood of Cassia garrettiana Craib; structure in first source

7,8,9,10-tetrahydroxytetrahydrobenzo(a)pyrene
(RN) 59957-91-4
(RR) 61490-66-2 ((7alpha,8beta,9beta,10alpha)-isomer)
(RR) 61490-67-3 (7alpha,8beta,9alpha,10beta)-isomer)
(RR) 61490-68-4 ((7alpha,8beta,9beta,10beta)-isomer)
(RR) 61490-69-5 ((7alpha,8beta,9alpha,10alpha)-isomer)
(RR) 62697-13-6
(((7alpha,8beta,9alpha,10alpha)-(+-))-isomer)
(RR) 62697-16-9
(((7alpha,8beta,9beta,10beta)-(+-))-isomer)
(RR) 62697-17-0
(((7alpha,8beta,9alpha,10beta)-(+-))-isomer)
(RR) 62697-19-2
(((7alpha,8beta,9beta,10alpha)-(+-))-isomer)
(RR) 75110-13-3
((7R-(7alpha,8beta,9beta,10alpha))-isomer)
(RR) 75110-14-4
((7R-(7alpha,8beta,9beta,10beta))-isomer)
(RR) 75110-16-6
((7R-(7alpha,8beta,9alpha,10beta))-isomer)
(RR) 75110-17-7
((7R-(7alpha,8beta,9alpha,10alpha))-isomer)
(SY) 7,8,9,10-tetrahydroxy-7,8,9,10-tetrahydrobenzo(a)pyrene
(HM) *BENZOPYRENES
(NO) RN given refers to cpd without isomeric designation

7,8,9,10-tetrahydroxy-7,8,9,10-tetrahydrobenzo(a) pyrene see 7,8,9,10-tetrahydroxytetrahydrobenzo(a)pyrene

tetrahydrozoline
(RN) 84-22-0
(RR) 67731-53-7 ((-)-isomer)
(RR) 67731-52-6 ((+-)-isomer)
(RR) 33067-94-6 (unspecified HCl)
(RR) 522-48-5 (mono-HCl)
(SY) Tyzine
(SY) Visine
(SY) tetryzoline
(SY) 2-(1,2,3,4-tetrahydro-1-naphthyl)-2-imidazoline
(HM) *IMIDAZOLES
(PA) SYMPATHOMIMETICS
(PA) VASOCONSTRICTOR AGENTS, NASAL
(NO) nasal decongestant; RN given refers to parent cpd; structure

tetrahymanol
(RN) 2130-17-8
(HM) *TRITERPENES
(NO) minor descriptor (75-82); online & Index Medicus search TRITERPENES (75-82)

tetraiodothyroacetate see tetraiodothyroacetic acid

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tetraiodothyroacetic acid
(RN) 67-30-1
(RR) 3434-42-2 (mono-Na salt)
(SY) tetrac
(SY) tetraiodothyroacetate
(SY) 3,5,3',5'-tetraiodothyroacetic acid
(SY) TA(4)
(HM) THYROXINE/*analogs
(NO) RN given refers to parent cpd; structure

3,5,3',5'-tetraiodothyroacetic acid see tetraiodothyroacetic acid

3,5,3',5'-tetraiodotyrosyltyrosine see 3,5-diiodo-tyrosyl-3,5-diiodo-tyrosine

3,5,3',5-tetraiodo-Tyr-Tyr see 3,5-diiodo-tyrosyl-3,5-diiodo-tyrosine

tetrakis(4-(dimethylamino)phenyl)ethylene
(RN) 86669-21-8
(RR) 86669-22-9 (unspecified di-HCl)
(SY) TKDPE
(HM) *ANILINE COMPOUNDS
(NO) shows activity against lymphosarcoma in mice; structure & RN given in first source; RN given refers to dichloride; RN not in Chemline 12/5/83

N,N,N',N'-tetrakis(2-hydroxypropyl)ethylenediamine see 1,1',1'',1'''-(ethylenedinitrilo)tetra-2-propanol

tetrakis-mu-acetylsalicylato-dicopper(II)
(RN) 23642-01-5
(SY) cupric aspirin complex
(SY) Cu-aspirinate
(HM) ASPIRIN/*analogs
(PA) ANTI-INFLAMMATORY AGENTS
(NO) used in treatment of arthritis

tetrakis-mu-(trimethylamine-boranecarboxylato)-bis(trimethylamine-carboxyborane)dicopper (II)
(SY) TMBCTMCBCu
(HM) *BORANES
(PA) ANTINEOPLASTIC AGENTS
(PA) ANTILIPEMIC AGENTS
(NO) used in therapy of Ehrlich ascites carcinoma

2,2,6,6-tetrakis(nicotinoyloxymethyl)cyclohexanol see nicomol

N,N,N',N'-tetrakis(2-pyridylmethyl) ethylenediamine
(SY) TPEN
(HM) *ETHYLENEDIAMINES
(II) CHELATING AGENTS
(NO) structure given in first source

tetram
(RN) 78-53-5
(RR) 3734-97-2 (oxalate[1:1])
(SY) O,O-diethyl S-(diethylaminoethyl) phosphorothiolate
(SY) amiton
(HM) *ORGANOTHIOPHOSPHORUS COMPOUNDS
(PA) INSECTICIDES, ORGANOTHIOPHOSPHATE
(NO) RN given refers to parent cpd; synonym refers to mono-oxalate salt; structure

tetramesylmannite see mannosulfan

1,2,5,6-tetramethanesulfonyl-D-mannitol see mannosulfan

4,5,6,9-tetramethoxy-7H-dibenzo(de,h)quinolin-7-one see bianfugenine

6,6',7,12-tetramethoxy-2,2'-dimethyl-1 beta-berbaman see tetrandrine

2,3,6,7-tetramethoxyphenanthro(9,10:6,7')indolizidine see tylophorine

1,1,3,3-tetramethoxypropane
(RN) 102-52-3
(SY) 1,1,3,3-TMP
(HM) PROPANE/*analogs

tetramethrin
(RN) 7696-12-0
(RR) 66525-27-7 (duplicate RN)
(SY) 2,2-dimethyl-3-(2-methylpropenyl) cyclopropanecarboxylic acid, ester with N-(hydroxymethyl)-1-cyclo hexene 1,2-dicarboximide
(SY) neopynamin
(SY) neopinamine
(HM) *PYRETHRINS
(PA) INSECTICIDES, BOTANICAL
(NO) structure

24,25,26,26-tetramethyl-5-alpha-cholestene-2 beta,3 alpha,6 alpha-triol trisulfate see sokotrasterol sulfate

tetramethylammonium
(RN) 51-92-3
(RR) 75-58-1 (iodide)
(RR) 75-59-2 (hydroxide)
(RR) 75-57-0 (chloride)
(RR) 64-20-0 (bromide)
(RR) 15625-56-6 (tribromide)
(RR) 14190-16-0 (sulfate[2:1])
(RR) 10424-65-4 (hydroxide pentahydrate)
(RR) 4337-68-2 (triiodide)
(RR) 2537-36-2 (perchlorate)
(RR) 1941-24-8 (nitrate)
(RR) 373-68-2 (fluoride)
(RR) 5906-64-9 (Cl2H)
(SY) tetramethylammonium iodide
(SY) tetramethylammonium hydroxide
(SY) tetramethylammonium chloride
(SY) tetramethylammonium bromide
(SY) trimethylaminomethane
(HM) *AMMONIUM COMPOUNDS
(NO) RN given refers to parent cpd

tetramethylammonium bromide see tetramethylammonium

tetramethylammonium chloride see tetramethylammonium

tetramethylammonium guanosine 5'-monophosphate
(SY) TMA-GMP
(SY) (TMA)(2)(5'-GMP)
(HM) *GUANOSINE MONOPHOSPHATE/analogs

tetramethylammonium hydroxide see tetramethylammonium

tetramethylammonium iodide see tetramethylammonium

tetramethyl benzidine see 3,3',5,5'-tetramethylbenzidine

N,N,N',N'-tetramethylbenzidine
(RN) 366-29-0
(HM) *BENZIDINES

3,3',5,5'-tetramethylbenzidine
(RN) 54827-17-7
(SY) tetramethyl benzidine
(SY) 3,3',5,5'-TMB
(HM) *BENZIDINES
(II) CHROMOGENIC COMPOUNDS

1,1,2,2-tetramethyl-1,2-bis(4'-hydroxyphenyl)ethane
(RN) 74385-27-6
(SY) tetramethyl-HES
(HM) HEXESTROL/*analogs
(PA) ESTROGEN ANTAGONISTS
(PA) ANTINEOPLASTIC AGENTS

tetramethylcyclobutadiene nickel
(RN) 76404-16-5
(SY) TMCBN
(SY) tetramethylcyclobutadiene nickel dichloride
(HM) *ORGANOMETALLIC COMPOUNDS
(HM) *NICKEL
(II) INDICATORS AND REAGENTS
(NO) nickel metallocene with both aqueous & organic stability

tetramethylcyclobutadiene nickel dichloride see tetramethylcyclobutadiene nickel

4,4'-tetramethyldiaminodiphenylmethane see N,N,N',N'-tetramethyl-4,4'-methylenedianiline

N,N,N',N'-tetramethyl-1,2-diaminoethane see N,N,N',N'-tetramethylethylenediamine

tetramethyldipropylenetriamine
(RN) 6711-48-4
(SY) TMDPT
(HM) *PROPYLAMINES
(NO) structure given in first source

1,1'-tetramethylenebis-(1,2,3,4-tetrahydro-6,7-dimethoxyisoquinoline) see bisobrin

tetramethylenediguanide see arcaine

tetramethylenedisulfotetramine
(RN) 80-12-6
(SY) tetramethylenedisulphotetramine
(SY) tetramine
(HM) *BRIDGED COMPOUNDS
(NO) induces convulsions; inhibitor of GABA; structure

tetramethylenedisulphotetramine see tetramethylenedisulfotetramine

tetramethylene sulfoxide
(RN) 1600-44-8
(SY) tetrahydrothiophene 1-oxide
(HM) *THIOPHENES
(PA) ALCOHOL OXIDOREDUCTASES/antag

N,N,N',N'-tetramethylethylenediamine
(RN) 110-18-9
(RR) 7677-21-6 (di-HCl)
(RR) 32459-34-0 (unspecified HCl)
(SY) N,N,N',N'-tetramethyl-1,2-diaminoethane
(SY) TEMED
(HM) *ETHYLENEDIAMINES
(NO) RN given refers to parent cpd; structure

2,4-tetra-O-methylfurfurylidene-sorbitol see 2,4-monofurfurylidene-tetra-O-methylsorbitol

2,2,6,6,-tetramethyl-3,5-heptanedione see dipivaloylmethane

tetramethyl-HES see 1,1,2,2-tetramethyl-1,2-bis(4'-hydroxyphenyl)ethane

3,7,11,15-tetramethyl-1-hexadecanol
(RN) 645-72-7
(SY) dihydrophytol
(HM) *PHYTOL/analogs
(NO) intermediate in conversion of phytol to phytanic acid

3,7,11,15-tetramethyl-trans-2,4,6,10,14- hexadecapentaenoic acid see 3,7,11,15-tetramethyl-2,4,6,10,14-hexadecapentaenoic acid

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3,7,11,15-tetramethyl-2,4,6,10,14-hexadecapentaenoic acid
(RN) 81485-25-8
(SY) TMHDP
(SY) 3,7,11,15-tetramethyl-trans-2,4,6,10,14-hexadecapentaenoic acid
(SY) E5166
(SY) polyprenoic acid
(SY) E 5166
(HM) TRETINOIN/*analogs
(NO) has strong binding affinity to cellular retinoic acid-binding protein; RN given refers to (trans)-isomer; cpd without isomeric designation not in Chemline 12/3/82; structure given in first source

4-(3,7,11,15-tetramethyl-6,10,14-hexadecatrienoyl)morpholine
(SY) E-0712
(SY) E 0712
(HM) *MORPHOLINES
(NO) structure given in first source

3,7,11,15-tetramethylhexadec-2-enoic acid see phytenic acid

tetramethylhydrazine
(RN) 6415-12-9
(RR) 61556-82-9 (mono-HCl)
(RR) 34504-32-0 (ion)
(HM) *METHYLHYDRAZINES
(PA) CARCINOGENS
(NO) RN given refers to parent cpd; structure

tetramethylhydroquinone see duroquinol

3,6,7,8-tetramethyl-4-isobutyl-2-carboethoxy-6H-pyrrolo-3,2,5-indolizine see pyrroloindolizine

tetramethyllead
(RN) 75-74-1
(HM) *TETRAETHYL LEAD/analogs

3,3,5,5-tetramethyllimonene
(SY) 3,3,5,5-TM-limonene
(HM) *TERPENES

2,2,6,6-tetramethyllysine
(SY) N(epsilon),N(epsilon),N(alpha),N(alpha)-tetramethyllysine
(SY) TM-lysine
(HM) LYSINE/*analogs

2,2,6,6-tetramethyl-4-maleimidopiperidine-1-oxyl see 4-maleimido-2,2,6,6-tetramethylpiperidinooxyl

2,2',5,5'-tetramethyl-3-maleimidopyrrolidinyl-N-oxyl see N-(1-oxyl-2,2,5,5-tetramethyl-3-pyrrolidinyl)maleimide

N,N,N',N'-tetramethyl-4,4'-methylenedianiline
(RN) 101-61-1
(SY) reduced Michler's ketone
(SY) 4,4'-tetramethyldiaminodiphenylmethane
(SY) tetra-base
(SY) methane base
(SY) 4,4'-methylenebis(N,N-dimethylbenzenamine)
(HM) *ANILINE COMPOUNDS
(PA) CARCINOGENS
(II) INDICATORS AND REAGENTS
(NO) structure given in first source

tetramethylmurexide
(RN) 18641-48-0
(HM) *MUREXIDE/analogs
(II) DYES
(NO) metallochromic dye; used as a calcium indicator

2,4,6,8-tetramethyloctacosanoic acid see mycocerosic acid

4,4'-(3,7,12,16-tetramethyl-1,3,5,7,9,11,13,15,17,-octadecanonaen-1,18-diyl)bis(1-ethylpyridium) dibromide see Y-18598

tetramethyloimethane triacrylate see pentaerythrityl triacrylate

N-4-(2,2,6,6-tetramethyl-1-oxyl) piperidinyl-N'-4-(4'-nitro-2,2'-stilbenedisulfonic acid)thiourea
(RN) 86879-33-6
(SY) NDS-TEMPO
(HM) *CYCLIC N-OXIDES
(II) SPIN LABELS

S-(((2,2,5,5-tetramethyl-1-oxy-3-pyrrolidinyl) carbamoyl)methyl)glutathione see SL-glutathione

S-(((2,2,5,5-tetramethyl-1-oxy-3-pyrrolidinyl) carbamoyl)methyl)-2-mercaptoethanol see SL-mercaptoethanol

2,2,5,5-tetramethyl-1-oxy-3-pyrroline-3-carboxylic acid
(RN) 2154-67-8
(SY) 2,2,5,5-TOPCA
(HM) *CYCLIC N-OXIDES
(II) SPIN LABELS

tetramethylpentadecane see pristane

tetramethylphenylenediamine oxidase
(RN) EC 1.5.99.-
(SY) N,N,N',N'-tetramethyl-p-phenylenediamine oxidase
(SY) TMPD oxidase
(SY) ascorbate-tetramethyl-p-phenylenediamine oxidase
(HM) *OXIDOREDUCTASES, N-DEMETHYLATING

N,N,N',N'-tetramethyl-p-phenylenediamine oxidase see tetramethylphenylenediamine oxidase

2,2,6,6-tetramethylpiperidine-N-oxide-4-amino-4-carboxylic acid
(RN) 15871-57-5
(SY) TOAC
(HM) *CYCLIC N-OXIDES
(II) SPIN LABELS
(NO) structure given in first source

2,2,6,6-tetramethylpiperidine-N-oxyl-4-amine see tempamine

2,2,6,6-tetramethylpiperidine-1-oxyl see TEMPO

2,2,6,6-tetramethyl-4-piperidinol-N-oxyl
(RN) 2226-96-2
(SY) TMPN
(SY) tempol
(SY) tanol
(SY) 4-hydroxy-2,2,6,6-tetramethylpiperidinoxy radical
(SY) HOTMP
(SY) 4-hydroxy-1-oxyl-2,2,6,6-tetramethylpiperidine
(HM) *CYCLIC N-OXIDES
(II) SPIN LABELS
(NO) structure

2,2,6,6-tetramethylpiperidino-1-oxyl-4-hydrazine
(RN) 89367-59-9
(SY) 1-oxyl-2,2,6,6-tetramethylpiperidino-4-hydrazine
(SY) TEMPO-hydrazine
(HM) *CYCLIC N-OXIDES
(II) SPIN LABELS
(NO) structure given in first source

2,2,6,6-tetramethylpiperidone-4-toluene-p- sulfonate see Tempidon

N-(2,2,6,6-tetramethylpiperidyl-1-oxyl) N'- (cyclohexyl)carbodiimide
(RN) 42249-40-1
(SY) TMPOCHC
(HM) *CYCLIC N-OXIDES
(II) SPIN LABELS

tetramethylpyrazine
(RN) 1124-11-4
(SY) TMPZ
(HM) *PYRAZINES
(PA) FIBRINOLYTIC AGENTS
(PA) CALCIUM CHANNEL BLOCKERS

meso-tetra(4-N-methylpyridyl)porphine tetraperchlorate see meso-tetra(4-N-methylpyridyl)porphine

meso-tetra(4-N-methylpyridyl)porphine
(RN) 38673-65-3
(RR) 36951-72-1 (tosylate[1:4])
(SY) meso-tetra(4-N-methylpyridyl)porphine tetraperchlorate
(SY) mesotetra(4-N-methylpyridyl)porphine
(HM) *MESOPORPHYRINS
(NO) RN given refers to parent cpd; structure

2,2,5,5-tetramethyl-1-pyrrolidinyloxy-3-carboxylic acid
(RN) 2154-68-9
(SY) TMPOCA
(SY) 3-carboxy-2,2,5,5-tetramethyl-1-pyrrolidinyloxide
(HM) *CYCLIC N-OXIDES
(PA) RADIATION-SENSITIZING AGENTS
(II) SPIN LABELS
(NO) structure given in first source

N-(3-(2,2,5,5-tetramethyl-1-pyrrolidinyloxy))maleimide see N-(1-oxyl-2,2,5,5-tetramethyl-3-pyrrolidinyl)maleimide

2,2,5,5-tetramethylpyrroline-1-oxyl-3-carboxy ethylhydrazine
(RN) 89367-58-8
(SY) HEHSL
(SY) 1-oxyl-2,2,5,5-tetramethylpyrroline-3-carbonyl ethyl hydrazine
(HM) *CYCLIC N-OXIDES
(II) SPIN LABELS
(NO) structure given in first source

O-3-(2,2,5,5-tetramethylpyrrolinyl-1-oxyl)propen-2-oyl-beta-phenyllactate
(RN) 72250-35-2
(SY) TEPOPL
(HM) *CYCLIC N-OXIDES
(II) SPIN LABELS
(NO) spin label este: substrate for carboxypeptidase A; structure given in first source

2,2,6,6-tetramethylquinuclidine see temekhin

tetramethylrhodamine
(RN) 62669-72-1
(HM) *RHODAMINES
(II) DYES
(NO) RN given refers to perchlorate; RN for parent cpd not in Chemlien 7/83; structure

tetramethylrhodamine alpha-bungarotoxin
(SY) TMR-ABT
(HM) *BUNGAROTOXINS
(HM) *RHODAMINES
(II) FLUORESCENT DYES
(NO) fluorescent label for acetylcholine receptors

tetramethylrhodamine iodoacetamide
(RN) 81235-33-8
(SY) iodoacetamidotetramethylrhodamine
(SY) TMRIA
(HM) *RHODAMINES
(II) SULFHYDRYL REAGENTS
(II) FLUORESCENT DYES
(NO) fluorescent sulfhydryl reagent

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tetramethylrhodamine isothiocyanate
(RN) 4158-89-8
(SY) Methanaminium, N-(9-(2-carboxy-4-thiocyanatophenyl)-6-(dimethylamino)-3H-xanthen-3-ylidene)-N-methyl-, chloride
(SY) rhodamine tetramethylisothiocyanate
(HM) *RHODAMINES
(II) DYES
(II) FLUORESCENT DYES
(NO) used for labeling of antibodies with fluorochromes; easily dissolved with DMSO; conjugates with immunoglobulins

tetramethylrhodaminylphalloidine
(RN) 86107-52-0
(SY) Rh-phalloidin
(HM) *PHALLOIDINE/analogs
(HM) *RHODAMINES
(II) FLUORESCENT DYES
(NO) RN given refers to chloride; RN for parent cpd not in Chemline 6/84

3,3,4,4-tetramethylsuccinimide
(RN) 3566-61-8
(SY) TMSM
(HM) *SUCCINIMIDES
(NO) RN not in Chemline 5/21/84

tetramethylsuccinonitrile
(RN) 3333-52-6
(SY) TMSN
(HM) *NITRILES

2,4,6,8-tetramethyl-2,4,6,8-tetraazabicyclo-(3.3.0)-octan-3,7-dione see mebikar

tetramethylthiourea
(RN) 2782-91-4
(HM) THIOUREA/*analogs

tetramethylthiuram monosulfide
(RN) 97-74-5
(SY) TMTM
(HM) *THIRAM/analogs

tetramethylurea see 1,1,3,3-tetramethylurea

1,1,3,3-tetramethylurea
(RN) 632-22-4
(SY) tetramethylurea
(HM) *METHYLUREA COMPOUNDS
(NO) structure

tetramine see tetramethylenedisulfotetramine

tetranactin
(RN) 33956-61-5
(HM) *PYRANS
(PA) INSECTICIDES
(PA) ANTIBIOTICS
(NO) from Streptomyces strain S-3466; miticidal; structure

d-tetrandrine see tetrandrine

tetrandrine
(RN) 518-34-3
(RR) 32434-13-2 (di-HCl(1beta)-isomer)
(RR) 1263-79-2 ((1'beta)-isomer)
(RR) 477-57-6 (isotetrandrine)
(RR) 55738-62-0 (isotetrandrine di-HCl)
(SY) NSC-77037
(SY) 6,6',7,12-tetramethoxy-2,2'-dimethyl-1 beta-berbaman
(SY) d-tetrandrine
(HM) *ALKALOIDS
(PA) ANTINEOPLASTICS, PHYTOGENIC
(PA) ANTI-ARRHYTHMIA AGENTS
(PA) CALCIUM CHANNEL BLOCKERS
(PA) ANTIHYPERTENSIVE AGENTS
(PA) ANALGESICS, ANTI-INFLAMMATORY
(NO) RN given refers to (1beta)-isomer; Merck reference is for l-tetrandrine; structure

1,3,4,6-tetranicotinoyl fructofuranose see nicofuranose

1,3,4,6-tetranicotinoyl fructose see nicofuranose

tetranitro-BT see tetranitrotetrazolium blue

tetranitrotetrazolium blue
(RN) 1184-43-6
(SY) tetranitro-BT
(HM) *TETRAZOLIUM SALTS
(II) STAINS AND STAINING

24,25,26,27-tetranor-23-hydroxyvitamin D3
(RN) 88200-28-6
(SY) TNH-D3
(HM) *HYDROXYCHOLECALCIFEROLS
(NO) renal metabolite of 24,25-dihydroxyvitamin D3; RN given refers to (3beta,5Z,7E)-isomer; RN for cpd without isomeric designation not in Chemline; structure given in first source

tetranorprostanedioic acid
(RN) 55582-47-3
(SY) TNPDA
(HM) *PROSTANOIC ACIDS
(NO) metabolite of prostaglandins

tetraolean see sigmamycin

((3,4,5,6-tetraoxo-1-cyclohexen-1,2-ylene)dioxy) disodium see rhodizonic acid

tetraoxotetrahydronaphthalene dihydrate see oxoline

tetraphenylarsonium
(RN) 15912-80-8
(RR) 507-28-8 (chloride)
(RR) 507-27-7 (bromide)
(SY) tetraphenylarsonium chloride
(SY) tetraphenylarsonium thiocyanate
(HM) *ARSENICALS
(NO) RN given refers to parent cpd; structure

tetraphenylarsonium chloride see tetraphenylarsonium

tetraphenylarsonium thiocyanate see tetraphenylarsonium

5,6,11,12-tetraphenylnaphthacene see rubrene

tetraphenylphosphonium
(RN) 18198-39-5
(RR) 2751-90-8 (bromide)
(RR) 20-01-45-8 (chloride)
(HM) *ONIUM COMPOUNDS
(HM) *ORGANOPHOSPHORUS COMPOUNDS
(II) INDICATORS AND REAGENTS
(NO) RN given refers to parent cpd; structure

tetraphenylporphine sulfonate
(RN) 35218-75-8
(RR) 39050-26-5 (tetra-Na salt)
(SY) TPPS
(SY) NSC 177391
(SY) meso-tetra(p-sulfophenyl)porphine
(SY) WR 247189
(SY) WR 247188
(SY) zinc-tetra(p-sulfophenyl)porphine
(SY) meso-tetra(4-sulfonatophenyl)porphine
(SY) TSPP
(HM) *PORPHYRINS
(PA) TRYPANOCIDAL AGENTS
(NO) RN given refers to parent cpd; do not confuse with tetraphenylporphinesulfonic acid; WR 247188 is for zinc-cpd; structure

tetrapropylenebenzyl sulfonate
(SY) TPPBS
(HM) *BENZENESULFONATES

4'-O-tetrapyranyldoxorubicin
(SY) THP-DOX
(HM) DOXORUBICIN/*analogs
(NO) 4'-O-glycosidic derivative of baumycin A1

tetrapyrroles
(HM) *PYRROLES

tetrasialoganglioside GQ see tetrasialogangliosides

tetrasialoganglioside G(Q1b) see tetrasialogangliosides

tetrasialoganglioside G(Q1c) see tetrasialogangliosides

tetrasialogangliosides
(SY) tetrasialoganglioside G(Q1b)
(SY) tetrasialoganglioside GQ
(SY) tetrasialoganglioside G(Q1c)
(HM) *GANGLIOSIDES
(NO) ganglioside containing 4 residues of N-acetylneuraminic acid found to occur in all vertebrates tested in brain

tetrasodium pyrophosphate see sodium pyrophosphate

tetrasul
(RN) 2227-13-6
(SY) 4-chlorophenyl-2,4,5-trichlorophenylsulfide
(HM) *CHLOROBENZENES
(PA) INSECTICIDES, ORGANOCHLORINE
(NO) structure

meso-tetra(4-sulfonatophenyl)porphine see tetraphenylporphine sulfonate

meso-tetra(p-sulfophenyl)porphine see tetraphenylporphine sulfonate

tetrasulfophthalocyanine
(RN) 33308-41-7
(RR) 25512-12-3 (Cu complex, tetra-NH4 salt)
(RR) 30638-10-9 (Cu complex, tetra-K salt)
(RR) 28802-06-4 (Co complex)
(RR) 27836-01-7 (Zn complex)
(RR) 27360-85-6 (Cu complex, tetra-Na salt)
(RR) 26400-93-1 (Cu complex)
(SY) phthalocyaninetetrasulfonic acid
(SY) zinc tetrasulfophthalocyanine
(SY) manganese tetrasulfophthalocyanine
(SY) copper tetrasulfophthalocyanine
(SY) iron tetrasulfophthalocyanine
(SY) cobalt tetrasulfophthalocyanine
(HM) *INDOLES
(NO) forms complexes with metals; RN given refers to parent cpd

n-tetratetracontane
(RN) 7098-22-8
(SY) tetratetracontane
(HM) *PARAFFIN

tetratetracontane see n-tetratetracontane

tetrathiomolybdate
(RN) 16330-92-0
(RR) 13718-35-9 (di-K salt)
(RR) 18198-15-7 (di-Na salt)
(SY) Thiomolybdate
(SY) ammonium tetrathiomolybdate
(HM) *MOLYBDENUM
(NO) RN given refers to $Mo_2S_4^{2-}$; structure

tetrathionate reductase
(RN) EC 1.7.-
(HM) *OXIDOREDUCTASES
(NO) tetrathionate is reduced to thiosulfate

tetravalent meningococcal vaccine see meningococcal vaccine

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tetrazene explosive
(RN) 31330-63-9
(SY) 1-(5-tetrazolyl)-4-guanyltetrazene hydrate
(HM) *TETRAZOLES
(NO) RN given refers to monohydrate; RN for parent cpd not in Chemline 8/84

tetrazepam
(RN) 10379-14-3
(SY) myolastan
(SY) 4621 CB
(HM) *BENZODIAZEPINONES
(PA) BENZODIAZEPINE TRANQUILIZERS
(NO) structure

tetrazines
(HM) *HETEROCYCLIC COMPOUNDS

tetrazole see 1H-tetrazole

1H-tetrazole
(RN) 288-94-8
(RR) 27988-97-2 (cpd with unspecified locants)
(RR) 89568-29-6 (mono-HI)
(RR) 13086-63-0 (Ag salt)
(SY) tetrazole
(HM) *TETRAZOLES
(NO) RN given refers to 1H-tetrazole

tetrazolo(5,1-a)phthalazine
(RN) 234-82-2
(HM) *PHTHALAZINES
(PA) MONOAMINE OXIDASE INHIBITORS

2-(1H-tetrazol-5-yl)-4,5-dihydro-4-oxo-indenopyran
(RN) 85582-31-6
(SY) TZDOIP
(HM) *TETRAZOLES
(NO) structure given in first source

1-(5-tetrazolyl)-4-guanyltetrazene hydrate see tetrazene explosive

N-(1H-tetrazol-5-yl)-4-methyl-6-(4-(methylamino)phenyl)-2-pyridinecarboxamide
(RN) 80021-12-1
(SY) TMMPPC
(HM) NICOTINAMIDE/*analogs
(PA) ANTIHISTAMINICS
(NO) RN & structure from first source; RN not in Chemline 11/7/83

3-(5-tetrazolyl)thioxanthone-10,10-dioxide see doxantrazole

TET repressor
(SY) tetracycline resistance-encoding transposon repressor protein
(HM) *REPRESSOR PROTEINS
(NO) from transposon Tn10

tetrocarcin A
(RN) 73666-84-9
(SY) antlermicin A
(SY) antibiotic DC 11
(SY) Antlermicin A
(HM) GLYCOSIDES
(PA) ANTIBIOTICS
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) from cultures of strain No. T-90 designated as Micromonospora chalcea subsp. kazunoensis; no other info available 7/18/80

tetrocarcin B
(HM) GLYCOSIDES
(PA) ANTIBIOTICS
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) contains 1 mole of amicetose and 2 moles of digitoxose & other components; MF: C61-H86-N2-O22

tetrocarcin C
(HM) GLYCOSIDES
(PA) ANTIBIOTICS
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) from Micromonospora chalcea KY11091

tetrodotoxin-binding protein
(SY) tetrodotoxin receptor
(HM) *CARRIER PROTEINS
(II) ION CHANNELS
(II) TETRODOTOXIN

tetrodotoxin receptor see tetrodotoxin-binding protein

tetrohydroharmane see tetrahydroharmane

tetronic acid
(RN) 4971-56-6
(HM) *FURANS
(NO) structure; in fifth source

tetronomycin
(RN) 82206-10-8
(HM) ETHERS
(PA) ANTIBIOTICS
(NO) from Streptomyces sp. nov.; structure given in first source

tetroxoprim
(RN) 53808-87-0
(SY) 2,4-diamino-5-(3,5-dimethoxy-4(2-methoxy ethoxy) benz*il*)pyrimidine
(HM) *PYRIMIDINES
(PA) ANTI-INFECTIVE AGENTS
(NO) structure given in Negwer 5th ed, #6419

tetryl see nitramine

tetryzoline see tetrahydrozoline

teucrium extract
(HM) *PLANT EXTRACTS
(PA) ANTIPYRETICS
(PA) ANTI-INFECTIVE AGENTS
(NO) isolated from Teucrium polium L.

tevenel
(RN) 4302-95-8
(SY) DL-threo-2,2-dichloro-N-(beta-hydroxy-alpha-(hydroxy-methyl)p-sulfamoylphenethyl)acetamide
(HM) CHLORAMPHENICOL/*analogs
(NO) sulfamoyl analog of D-threo-chloramphenicol; structure

texapon TH
(RN) 139-96-8
(SY) triethanolamine lauryl sulfate
(HM) *SODIUM DODECYL SULFATE
(HM) *ETHANOLAMINES
(II) SURFACE-ACTIVE AGENTS
(NO) sodium dodecyl sulfate compd. with triethanolamine [1:1]

texas red
(RN) 82354-19-6
(HM) *XANTHENES
(II) FLUORESCENT DYES
(NO) hydrophilic texas red; structure given in first source

texazone
(RN) 87081-53-6
(SY) 2-(N-methylamino)-3H-phenoxazin-3-one-8-carboxylic acid
(HM) *OXAZINES
(II) ACTINOMYCES
(NO) from Actinomycetes strain WRAT-210; structure given in first source

T7 exonuclease see gene b exonuclease

textilotoxin
(RN) 85666-96-2
(HM) *ELAPID VENOMS
(NO) isolated from venom of Australian brown snake (Pseudonaja textilis)

TE 176 see TE-176

TE-176
(RN) 57281-35-3
(SY) chinoin-103
(SY) naphthoxybutanolcyclohexylamine
(SY) TE 176
(SY) CH 103
(SY) CH-103
(HM) *AMINO ALCOHOLS
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS
(NO) structure

TFAE see 2,2,2-trifluoroethyl allyl ether

TFAI see trifluoroacetyllysylalanine-trifluoromethylphenylanilide

TFA-Lys-Ala-TFMPA see trifluoroacetyllysylalanine-trifluoromethylphenylanilide

TFA-peptide-CMK see trifluoroacetyl peptide chloromethyl ketones

TFA-Phe-Ala see N-trifluoroacetylphenylalanylalanine

N-TFA-phenylalanyl-alanine see N-trifluoroacetylphenylalanylalanine

TF-DES quinone see 3,3',5,5'-tetrafluorodiethylstilbestrol quinone

TFEC93HB see trifluoroethyl-cysteine-beta93 hemoglobin

TFE Cys(beta93)Hb see trifluoroethyl-cysteine-beta93 hemoglobin

TFEMA see 2,2,2-trifluoroethyl methacrylate

TFIIIA see 5S gene-specific transcription factor

2,2,2-TFI see N-(2,2,2-trifluoroethoxycarbonyl)imidazole

TFM
(RN) 88-30-2
(SY) alpha,alpha,alpha-trifluoro-4-nitro-m-cresol
(SY) 3-trifluoromethyl-4-nitrophenol
(HM) *NITROPHENOLS
(PA) PESTICIDES
(NO) sea lamprey larvicide

TFMDAZPA see 3-(4-(3-(trifluoromethyl)-3H-diazirin-3-yl)phenyl) alanine

TFMDNPS see 2,6-dinitro-4-trifluoromethylbenzenesulfonic acid

TFMIPDA see 3-(trifluoromethyl)-3-(3-iodophenyl)diazirine

TFMPA see 1,1,1-trifluoro-3-mercaptophenylacetone

1-TFMPD see 1-(3-trifluoromethylphenyl)-1,2-propanediol

1-TFMPP see 1-(3-trifluoromethylphenyl)-2-propanol

TFMSAPAS see 6-beta-(trifluoromethanesulfonyl)amido-penicillanic acid sulfone

2-TFM-TRH see TRH, 2-fluoromethylimidazole-

N,N,N'-TFP see N,N,N'-tri(beta-chloroethyl)-N'-(4-formylphenyl)-1,3-propylenediamine

5-TFPOP see 5-trifluoropentoxypicolinic acid

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TFTMCS see
1,3,5-tris(trifluoropropyl)trimethylcyclotrisiloxane

TFX
(SY) thymus factor X
(HM) *THYMUS EXTRACTS
(NO) product obtained from calf thymus by Polfa, Jelenia Gora

(T,G)-A-L
(RN) 28704-27-0
(SY) poly-L-(Tyr,Glu)-poly-DL-Ala-poly-L-Lys
(SY) copolymer I (synthetic peptide)
(SY) synthetic peptide copolymer I
(SY) (Tyr-Tyr-Glu-Glu)-poly(DL-Ala)-poly(Lys)
(HM) *PEPTIDES
(II) HELPER CELLS/immunol
(NO) synthetic polypeptide consisting of alanine, glutamic acid, lysine & tyrosine; nonencephalitogenic & nontoxic; capable of supressing experimental allergic encehalomyelitis; improvement noted in patients with multiple sclerosis; antigen-specific helper factor

T4 gene 32 protein see gene proteins, viral

T4 gene 41 protein see gene proteins, viral

T7gene-4protein see DNA primase

TGF receptor see epidermal growth factor receptor

TGF receptors see epidermal growth factor receptor

TGGCA-binding protein see nuclear factor I

TGLVP see glypressin

TGMAC see
N-(tris(beta-galactopyranosyloxy)methyl)methyl)-N (alpha)-(4-(5-cholesten-3 beta-yloxy)succinyl) glycinamide

TGMDA see tetraglycidyl-4,4'-methylene dianiline

6-TG nucleotide see 6-thioguanylic acid

TGSUA see tri(galactosiduronic acid)

1,2,4-TGU see 1,2,4-triglycidyl urazol

Thalamonal see Innovar

thallium acetate
(RN) 563-68-8
(RR) 15843-14-8 (unspecified Tl salt)
(RR) 2570-63-0 (Tl(+3) salt)
(RR) 69168-98-5 (Tl(+1)Tl(+3)[4:1:1] salt)
(SY) thallous acetate
(HM) *THALLIUM
(NO) RN given refers to Tl(+1) salt

thallium chloride
(RN) 7791-12-0
(RR) 55172-29-7 (201Tl-labeled cpd)
(RR) 23222-74-4 (203Tl,35Cl-labeled cpd)
(RR) 23222-76-6 (203Tl,37Cl-labeled cpd)
(RR) 23222-73-3 (205Tl,35Cl-labeled cpd)
(RR) 23222-75-5 (205Tl,37Cl-labeled cpd)
(SY) thallium monochloride
(SY) thallous chloride
(HM) *THALLIUM
(NO) RN given refers to unlabeled parent cpd

thallium monochloride see thallium chloride

thallium nitrate
(RN) 10102-45-1
(HM) *THALLIUM

thallium sulfate
(RN) 10031-59-1
(RR) 7446-18-6 (di-Tl(+1) salt)
(HM) *THALLIUM
(PA) RODENTICIDES
(NO) RN given refers to unspecified Tl salt

thallous acetate see thallium acetate

thallous chloride see thallium chloride

1,3,5,6-THAO see 1,3,5,6-tetrahydroxy-5-androstan-17-one

thapsigargicin
(RN) 67526-94-7
(HM) *PLANT EXTRACTS
(II) PLANTS, MEDICINAL
(NO) isolated from Thapsia garganica; structure given in first source

thaumatin
(RN) 53850-34-3
(RR) 62168-98-3 (thaumatin I)
(HM) *PLANT PROTEINS
(II) SWEETENING AGENTS
(NO) sweet tasting protein from fruit of Thaumatococcus daniellie benth, a plant from tropical Africa; RN given refers to cpd with unknown MF

THAZ see
5,6,7,8-tetrahydro-4H-isoxazolo(4,5-d)azepin-3-ol

1,8,1',8'-THBA see 1,8,1',8'-tetrahydroxybisanthrone

2,4,6-THBA see 2,4,6-tribromo-3-hydroxybenzoic acid

7,8,9,10-THBP see 7,8,9,10-tetrahydrobenzo(a)pyrene

THCA see 3 alpha,7 alpha,12 alpha-trihydroxycoprostanic acid

THC-9-COOH see delta(9)-tetrahydrocannabinclic acid

THC-DMH see dimethyl-heptyl tetrahydrocannabinol

3,7,12,25-THCHO see 3 alpha,7 alpha,12 alpha,25-tetrahydroxy-5 beta- cholestan-24-one

THCMCA see 3 alpha,7 alpha,12 alpha-trihydroxy-27-carboxymethyl- 5 beta-cholestan-26-oic acid

THC 27-monooxygenase see cholestanetriol 26-monooxygenase

THC-mustard see delta-9-tetrahydrocannabinol dichloroethyl carbamoyl ester

THC-11-oic acid glucuronide see delta(9)-tetrahydrocannabinol-11-oic acid glucuronide

TH-DMBA see
1,2,3,4-tetrahydro-7,12-dimethylbenz(a)anthracene

theanine
(RN) 3081-61-6
(RR) 34271-54-0 ((DL)-isomer)
(RR) 5822-62-8 ((D)-isomer)
(SY) L-glutamic acid-gamma-ethylamide
(HM) *GLUTAMATES
(NO) RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 7/83

theasaponine
(RN) 11055-93-9
(HM) *TRITERPENES
(NO) triterpene glycoside from Thea sinensis L.

themalon see thiambutene

thenaldine see thenalidine

thenalidine
(RN) 86-12-4
(SY) thenaldine
(SY) 1-methyl-4-(N-2-thenylanilino)piperidine
(HM) *PIPERIDINES
(PA) ANTIHISTAMINICS
(NO) antihistaminic, antipruritic; RN in Chemline for thenalidine calcium: 67250-62-8; structure

thenardite see sodium sulfate

2-thenoyl peroxide
(RN) 30930-49-5
(HM) *THIOPHENES
(HM) *PEROXIDES

thenyldiamine
(RN) 91-79-2
(SY)
2-((2-dimethylaminoethyl)-3-thenylamino)pyridine
(HM) *PYRIDINES
(PA) ANTIHISTAMINICS
(PA) VASOCONSTRICTOR AGENTS, NASAL
(NO) structure

theo-esberiven
(RN) 65098-93-3
(SY) theoesberiven
(HM) AMINOPHYLLINE/*analogs
(HM) *RUTIN
(HM) *COUMARINS
(HM) DRUG COMBINATIONS
(PA) CARDIOVASCULAR AGENTS
(NO) combination of proxyphylline, rutin & melilotus extract

theoesberiven see theo-esberiven

theophylline-7-acetic acid see acefylline

7-theophyllineacetic acid see acefylline

theophylline lysine see lysine theophylline

2-(7'-theophyllinemethyl)1,3-dioxolane
(RN) 69975-86-6
(SY) TMDO
(HM) THEOPHYLLINE/*analogs
(PA) ANTITUSSIVE AGENTS

thephorin see phenindamine

Theprubicin see 4'-O-tetrahydropyranyladriamycin

Thermelect
(HM) *RESINS, SYNTHETIC
(HM) *FLUORIDES
(HM) *POLYETHYLENES
(II) DENTAL CAVITY LINING
(NO) solution of synthetic resins; contains 3% sodium or calcium fluoride & polytrifluorochloroethylene

thermitase
(RN) EC 3.4.99.-
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) from Thermoactinomyces vulgaris; very broad specificity

thermocin
(SY) thermocin 10
(HM) *BACTERIOCINS
(II) BACILLUS STEAROTHERMOPHILUS
(NO) bacteriocin produced by Bacillus stearothermophilus

thermocin 10 see thermocin

thermogenin
(HM) *CARRIER PROTEINS
(NO) purine nucleotide binding polypeptide (MW 32000) in brown adipose tissue mitochondria which confers ability to produce heat

thermolysin-alpha(2)-macroglobulin complex see alpha 2-macroglobulin-thermolysin complex

thermomycolase see thermomycolin

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thermomycolin
(RN) EC 3.4.21.-
(SY) thermomycolase
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) included in the group of microbial serine proteinases EC 3.4.21.14

thermorubin
(RN) 11006-83-0
(HM) ANTHRAQUINONES
(PA) ANTIBIOTICS
(NO) antibiotic produced by Thermoactinomyces antibioticus

thesit see polidocanol

theta see Thy-1 antigen

theta hemolysin see perfringolysin O

5,14,15-THET see 5,14,15-trihydroxy-6,8,10,12-eicosatetraenoic acid

thevetine
(RN) 11018-93-2
(RR) 37933-66-7 (thevetin A)
(RR) 27127-79-3 (thevetin B)
(HM) *CARDENOLIDES
(NO) RN given refers to thevetine

THFMP see 6-mercapto-9-(tetrahydro-2-furyl)purine

t-4HH see 4-hydroxy-2-hexenal

thiabenzonium iodide see tibenzonium iodide

thiabutazide see butizide

thiacycline
(RN) 59753-24-1
(SY) 6-thiatetracycline
(SY) EMD 33330
(HM) *TETRACYCLINES

thiadenol see tiadenol

5,5'-(4-thiahexanedioyldiimino)-bis(2,4,6-triiodoisophthalic acid-bis-(2,4-dihydroxypropyl-N-methyl)diamide) see iotasul

thialysine see S-beta-aminoethyl cysteine

thialysine ketimine
(RN) 68006-11-1
(SY) aminoethylcysteine-ketimine
(HM) *AMINO ACIDS, SULFUR
(NO) structure given in first source

thiambutene
(RN) 86-14-6
(RR) 132-19-4 (HCl)
(SY) N,N-diethyl-1-methyl-3,3-di-thienylallyl-amine
(SY) grapon
(SY) themalon
(SY) diethibutin
(SY) diethylthiambutene
(HM) *THIOPHENES
(PA) ANALGESICS
(PA) NARCOTICS
(NO) non-opioid; used mainly in veterinary medicine; minor descriptor (76-84); on-line & Index Medicus search THIOPHENES (76-84); RN given refers to parent cpd

thiambutosine
(RN) 500-89-0
(SY) Ciba 1906
(SY) Ciba-1906
(SY) SU 1906
(SY) SU-1906
(SY) 4-butoxy-4'-(dimethylamino)thiocarbanilide
(HM) PHENYLTHIOUREA/*analogs
(PA) LEPROSTATIC AGENTS
(NO) thiourea antileprotic agent used in patients who cannot tolerate sulfones; minor descriptor (77-85); on-line & Index Medicus PHENYLTHIOUREA/AA (77-85)

thiamenidine see tiamenidine

thiaminase see thiaminase II

thiaminase I see thiamine pyridinylase

thiaminase II
(RN) EC 3.5.99.2
(RR) 9024-80-0 (CRN)
(SY) thiamine hydrolase
(SY) thiaminase
(HM) *HYDROLASES

thiamine-binding protein
(SY) thiamine binding protein
(HM) *CARRIER PROTEINS
(II) THIAMINE

thiamine binding protein see thiamine-binding protein

thiamine dehydrogenase
(RN) EC 1.1.3.-
(HM) *ALCOHOL OXIDOREDUCTASES
(NO) converts thiamine to thiamine acetic acid

thiamine diphosphate kinase see thiaminediphosphate kinase

thiaminediphosphate kinase
(RN) EC 2.7.4.15
(SY) TPP-ATP phosphoryltransferase
(SY) thiamine pyrophosphate kinase
(SY) thiamine diphosphate kinase
(SY) ATP-TDP phosphoryltransferase
(SY) ATP-thiamine diphosphate phosphotransferase
(HM) *PHOSPHOTRANSFERASES, ATP

thiamine disulfide
(RN) 67-16-3
(SY) N,N'-(dithiobis(2-(2-hydroxyethyl)-1-methylvinylene))bis(N-((4-amino-2-methyl-5-pyrimidinyl)-methyl)formamide)
(SY) thiamine disulphide
(HM) THIAMINE/*analogs
(NO) structure

thiamine disulphide see thiamine disulfide

thiamine hydrolase see thiaminase II

thiamine monophosphatase
(RN) EC 3.1.3.-
(SY) thiamine phosphate phosphatase
(HM) *PHOSPHOMONOESTERASES

thiamine phosphate phosphatase see thiamine monophosphatase

thiamine propyldisulfide see prosultiamine

thiaminepropyldisulfide see prosultiamine

thiamine propyl disulfide see prosultiamine

thiamine propyldisulphide see prosultiamine

thiamine pyridinylase
(RN) EC 2.5.1.2
(RR) 9030-35-7 (CRN)
(SY) thiaminase I
(HM) *TRANSFERASES

thiamine pyrophosphate kinase see thiaminediphosphate kinase

thiamine thiazole
(RN) 137-00-8
(RR) 5985-21-7 (HCl)
(RR) 31299-75-9 (phosphate)
(SY) 4-methyl-5-hydroxyethylthiazole
(SY) 5-(2-hydroxyethyl)-4-methylthiazole
(HM) *THIAZOLES
(NO) the thiazole portion of thiamine; RN given is for parent cpd; structure

thiamine thiazolone pyrophosphate
(RN) 59733-97-0
(HM) THIAMINE PYROPHOSPHATE/*analogs
(NO) structure

thiamine thiothiazolone pyrophosphate
(RN) 59733-98-1
(SY) TTTPP
(HM) *THIAMINE PYROPHOSPHATE/analogs
(PA) PYRUVATE DEHYDROGENASE COMPLEX/antag
(NO) thiamin pyrophosphate with its thiazole ring altered to thiothiazolone

thiamphenicol acetyltransferase
(RN) EC 2.3.1.-
(HM) *ACETYLTRANSFERASES

thiamphenicol, 3-fluoro see Sch 25298

thiaproline see thiazolidine-4-carboxylic acid

thiarubine A
(SY) 1-(2-methyleth-1-yn)-4-(hex-1,3-diyn-5-ene)-2,3-dithiacyclohex-1,3-diene
(HM) *ALKYNES
(PA) ANTI-INFECTIVE AGENTS
(II) PLANTS, MEDICINAL
(NO) bioactive constituent of Aspilia (Asteraceae); structure given in first source

6-thiatetracycline see thiacycline

thiazina see TB-450

thiazole-4-carboxamide adenine dinucleotide
(RN) 83285-83-0
(SY) TCAD
(SY) tiazofurin adenine dinucleotide
(HM) *ADENINE NUCLEOTIDES
(PA) IMP DEHYDROGENASE/antag
(NO) structure given in first source

thiazolidine-2-carboxylic acid
(RN) 16310-13-7
(RR) 65126-70-7 ((+-)-isomer)
(SY) beta-thiaproline
(HM) PROLINE/*analogs
(NO) RN given refers to parent cpd; structure

2-thiazolidine-4-carboxylic acid
(RN) 20933-67-9
(SY) TTCA
(HM) *THIAZOLES
(NO) in urine of workers exposed to carbon disulfide

thiazolidine-4-carboxylic acid
(RN) 444-27-9
(RR) 34592-47-7 ((R)-isomer)
(RR) 35041-11-3 (Na salt)
(SY) thioproline
(SY) norgamem
(SY) thiaproline
(SY) gamma-thiaproline
(HM) *THIAZOLES
(PA) ANTIDOTES
(PA) ANTINEOPLASTIC AGENTS
(PA) ANTI-ARRHYTHMIA AGENTS
(II) ANTIOXIDANTS
(NO) active against thimerosal intoxication; acts on cell membranes of tumor cells causing reverse transformation to normal cells; RN given refers to parent cpd

2-thiazoline-2-ammonium-4-n-butyl-1,2-diphenyl-3,5-pyrazolidinedionate see thiazolinobutazone

2-thiazoline-2-thiol see 2-mercaptothiazoline

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thiazolinobutazone
(RN) 54749-86-9
(SY) LAS 11871
(SY) fordonal
(SY) 2-thiazoline-2-ammonium-4-n-butyl-1,2-diphenyl- 3,5-pyrazolidinedionate
(HM) PHENYLBUTAZONE/*analogs
(PA) ANALGESICS, ANTI-INFLAMMATORY
(NO) 2-amino-2-thiazoline salt of phenylbutazone; structure

thiazolo(3,2-a)perimidine
(RN) 25408-35-9
(HM) *THIAZOLES
(PA) APPETITE DEPRESSANTS
(NO) structure given in first source

thiazol yellow G see titan yellow

thiazolyl blue
(RN) 298-93-1
(SY) thiazolyl blue tetrazolium bromide
(SY) MTT tetrazolium
(SY) 3-(4,5-dimethylthiazol-2-yl)-2,5-diphenyltetrazolium bromide
(HM) *THIAZOLES
(HM) *TETRAZOLIUM SALTS
(II) DYES
(NO) RN given refers to bromide; RN for parent cpd not in Chemline 7/83

thiazolyl blue tetrazolium bromide see thiazolyl blue

1-(4-thiazolyl)-3-cyano-1-propanone
(RN) 77280-68-3
(SY) 1-TLCP
(HM) *THIAZOLES
(NO) metabolite of the carcinogen,4-(5-nitro-2-furyl)thiazole; structure given in first source

2-thiazolylethylamine see 2-(2-aminoethyl)thiazole

2-(2-thiazolyl)ethylamine see 2-(2-aminoethyl)thiazole

2-(4-(2-thiazolyloxy)phenyl)-2-methylacetic acid see 480156-S

4'-(2-thiazolylsulfamoyl)succinanilic acid see succinylsulfathiazole

N(1)-2-thiazolylsulfanilamide see sulfathiazole

thiazone see dazomet

thidiazuron
(RN) 51707-55-2
(SY) DROPP
(SY) SN 49537
(HM) *PHENYLUREA COMPOUNDS
(PA) HERBICIDES, UREA
(II) DEFOLIANTS, CHEMICAL
(NO) defoliant

3,6,7,8-THID see 3,6,7,8-tetrahydro-3-((2-hydroxyethoxy)methyl)imidazo(4,5-d)(1,3)diazepin-8-ol

thielavin A
(RN) 71950-66-8
(SY) Thielavin A
(HM) *HYDROXYBENZOIC ACIDS
(PA) PROSTAGLANDIN ANTAGONISTS
(NO) MF C31-H34-O10; from Thielavia terricola; partial structure in first source

Thielavin A see thielavin A

thielavin B
(RN) 71950-67-9
(SY) Thielavin B
(HM) *HYDROXYBENZOIC ACIDS
(PA) PROSTAGLANDIN ANTAGONISTS
(NO) from Thielavia terricola; MF C29-H30-O10; partial structure given in first source

Thielavin B see thielavin B

thielavin C
(RN) 86413-60-7
(HM) *HYDROXYBENZOIC ACIDS
(PA) PROSTAGLANDIN SYNTHASE/antag
(NO) from Thielavia terricola; structure given in first source

thienamycin
(RN) 64090-99-9
(RR) 63701-77-9 ((5R-(5alpha,6beta(S*)))-isomer)
(RR) 59995-64-1 ((5R-(5alpha,6alpha(R*)))-isomer)
(RR) 63701-31-5 ((5R-(5alpha,6alpha(S*)))-isomer)
(RR) 67314-45-8 (((5alpha,6alpha(S*))-(+-))-isomer)
(SY) epithienamycin
(SY) tienamycin
(HM) *THIENAMYCINS
(NO) beta-lactam antibiotic; RN given refers to cpd without isomeric designation

thienodiazepine substance
(SY) Bay g 5653
(HM) *AZEPINES
(PA) TRANQUILIZING AGENTS

2-thienylalanine
(RN) 139-86-6
(RR) 22951-96-8 ((S)-isomer)
(RR) 10059-01-5 ((+-)-isomer)
(RR) 2021-58-1 ((+-)-isomer)
(SY) 2-thienylalanine
(SY) alpha-aminothiophene propanoic acid
(HM) ALANINE/*analogs
(NO) potent inhibitor of phenylalanine absorption in intestine which promotes its excretion by the kidney; minor descriptor (75-85); on-line & Index Medicus search ALANINE/AA (75-85); RN given refers to parent cpd without isomeric designation

2-thienylalanine see 2-thienylalanine

1-(1-(2-thienyl)cyclohexyl)piperidine
(RN) 21500-98-1
(RR) 1867-65-8 (HCl)
(HM) PHENCYCLIDINE/*analogs
(II) STREET DRUGS
(NO) RN given refers to parent cpd

3-(2-(2-thienyl)ethyl)-2,4-oxazolidenedione
(SY) TEOZD
(HM) *OXAZOLES
(PA) ANTI-ULCER AGENTS
(NO) structure given in first source

11-thienyl-17-ethynyl-19-norandrosta-4,9-dien-17-ol-3-one see RU 25055

thiethylperazine maleate
(RN) 1179-69-7
(SY) torecan
(HM) THIETHYLPERAZINE/*analogs
(PA) ANTIEMETICS

thiirane see ethylene sulfide

thioacetamide-S-oxide
(RN) 2669-09-2
(SY) thioacetamide sulfoxide
(HM) *THIOACETAMIDE/analogs

thioacetamide sulfoxide see thioacetamide-S-oxide

thioacetanilide
(RN) 637-53-6
(HM) *ACETANILIDES
(NO) structure given in first source

thioacetic acid see Schiff's reagent

6-thioadenosine-5'-triphosphate see 6-thioinosine-5'-triphosphate

5'-thio-5'-adenylic acid see 5'-deoxy-5'-thioadenosine 5'-monophosphate

thiobarbital
(RN) 77-32-7
(SY) 5,5-diethyl-2-thiobarbituric acid
(HM) THIOPENTAL/*analogs
(NO) structure

thiobarbiturate see thiobarbituric acid

thiobarbituric acid
(RN) 504-17-6
(RR) 31645-12-2 (mono-Na salt)
(SY) 2-mercaptobarbituric acid
(SY) thiobarbiturate
(HM) *THIOBARBITURATES
(NO) RN given refers to parent cpd

thiobencarb see benthiocarb

thiobenzamide
(RN) 2227-79-4
(HM) *THIOAMIDES
(PA) ANTITUBERCULAR AGENTS
(NO) structure; hepatotoxin in rats

thiobenzyl benzyloxycarbonyl-L-lysinate
(RN) 69861-90-1
(SY) N-carbobenzyloxylysine thiobenzyl ester
(SY) alpha-N-carbobenzyloxy-L-lysine thiobenzyl ester
(SY) Cbz-lysine thiobenzyl ester
(HM) LYSINE/*analogs
(II) INDICATORS AND REAGENTS
(NO) substrate for trypsin-like enzymes; RN given refers to (S)-isomer; RN for cpd without isomeric designation not in Chemline 8/84

8-thio-benzyl cyclic AMP
(RN) 32487-38-0
(RR) 50655-17-9 (mono-Na salt)
(RR) 58924-47-3 (unspecified Na salt)
(SY) 8-S-benzyl cyclic AMP
(SY) 8-benzylthio-cAMP
(HM) ADENOSINE CYCLIC MONOPHOSPHATE/*analogs
(NO) RN given refers to parent cpd

thiobenzyl N-heptafluorobutyrylanthranilate
(SY) TBHBA
(HM) *ANTHRANILIC ACIDS
(PA) PROTEASE INHIBITORS
(NO) structure given in first source

4,4'-thiobis(6-t-butyl-m-cresol) see 4,4'-thiobis(6-tert-butyl-3-cresol)

4,4'-thiobis(6-tert-butyl-3-cresol)
(RN) 96-69-5
(SY) 4,4'-thiobis(6-t-butyl-m-cresol)
(HM) *CRESOLS
(II) ANTIOXIDANTS
(NO) structure given in first source

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thiobutabarbital
(RN) 2095-57-0
(RR) 947-08-0 (mono-Na salt)
(SY) inactin
(SY) brevenal
(SY) 5-sec-butyl-5-ethyl-2-thiobarbituric acid
(SY) brevinarcon
(SY) 5-ethyl-5-(1-methylpropyl)-2-thiobarbiturate, sodium salt
(HM) THIOPENTAL/*analogs
(NO) RN given refers to parent cpd

6-thiocaffeine
(RN) 13182-58-6
(HM) CAFFEINE/*analogs
(PA) PHOSPHODIESTERASE INHIBITORS

1-thiocarbamoyl-2-imidazolidinone
(SY) TCIN
(HM) *IMIDAZOLES
(HM) *THIOCARBAMATES
(PA) IMMUNOSUPPRESSIVE AGENTS
(NO) immunoregulatory metabolite of niridazole; structure given in first source

thiocarbamylhydrazine see thiosemicarbazide

thiocarbohydrazide
(RN) 2231-57-4
(HM) *HYDRAZINES
(II) INDICATORS AND REAGENTS

thiocarlide
(RN) 910-86-1
(RR) 41257-08-3 (cpd with unspecified methylbutoxy locants)
(SY) tiocarlid
(HM) PHENYLTHIOUREA/*analogs
(PA) ANTITUBERCULAR AGENTS
(NO) major descriptor (68-85); on-line search PHENYLTHIOUREA/AA (68-85); Index Medicus search THIOCARLIDE (68-85)

thiochrome
(RN) 92-35-3
(SY) 2,7-dimethylthiochromine-8-ethanol
(HM) *PYRIMIDINES
(NO) structure

Thiocol see guaiacolsulfonic acid

thiocolchicoside
(RN) 602-41-5
(SY) 2,14-di-(demethoxy)-2-glucosidoxy-14-methylthiocolchicine
(SY) coltramyl
(HM) COLCHICINE/*analogs
(NO) used in combination with glafenine and meprobamate to tranquilize patients undergoing hysterosalpingography; structure

6,8-thioctic amide see lipoamide

thiocyanate
(RN) 302-04-5
(RR) 34504-17-1 (Thiocyanogen [(SCN)2(1-)])
(SY) thiocyanate ion (1-)
(SY) thiocyanate ion (2-)
(SY) thiocyanate ion
(HM) *THIOCYANATES
(NO) RN given refers to parent cpd

thiocyanate ion see thiocyanate

thiocyanate ion (1-) see thiocyanate

thiocyanate ion (2-) see thiocyanate

thiocystine
(RN) 14172-54-4
(SY) bis(2-amino-2-carboxyethyl)trisulfide
(HM) CYSTINE/*analogs
(NO) produced in the hydrolysis of proteins

thiodiacetic acid
(RN) 123-93-3
(SY) thiodiglycolic acid
(HM) *THIOGLYCOLATES
(NO) vinyl chloride metabolite in urine of rats

3,3'-thiodialanine see lanthionine

4,4'-thiodianiline
(RN) 139-65-1
(HM) *ANILINE COMPOUNDS
(PA) ANTIPLATYHELMINTIC AGENTS
(PA) CARCINOGENS
(NO) structure

thiodigalactoside
(RN) 17317-98-5
(HM) *THIOGALACTOSIDES

thiodigalactoside-binding lectin see galaptins

thiodiglycolic acid see thiodiacetic acid

thiodipin
(RN) 1950-08-9
(SY) 1,4-bis(bis-(1-aziridinyl)thiophosphinyl) piperazine
(HM) *AZIRIDINES
(PA) ANTINEOPLASTIC AGENTS
(NO) structure

thiodisuccinic acid see 2,2-thiodisuccinic acid

2,2-thiodisuccinic acid
(RN) 4917-76-4
(SY) thiodisuccinic acid
(HM) *SUCCINATES

thioesterase B
(RN) EC 3.1.2.-
(HM) *THIOLESTER HYDROLASES
(NO) cannot use acyl fatty acid synthase as substrate; acts on medium chain length acyl Coa. C8-C14

thioesterase II
(RN) EC 3.1.2.-
(SY) medium chain thioesterase
(HM) *THIOLESTER HYDROLASES
(HM) *FATTY ACID SYNTHETASE COMPLEX
(NO) hydrolyzes the thioester bond linking the growing acyl chain to the 4'-phosphopantetheine of fatty acid synthetase complex, while acyl moiety is not yet a long chain

2-thio-FAD
(RN) 43203-75-4
(HM) FAD/*analogs
(NO) differs from native FAD

thiofanox
(RN) 39196-18-4
(SY) DS-15647
(SY) Dacamox
(SY) 3,3-dimethyl-1-(methylthio)-2-butanone O-(methylcarbamoyl)oxime
(SY) 3,3-dimethyl-1-(methylthio)-2-butanone O-(methylamino)carbonyl)oxime
(HM) *CARBAMATES
(PA) INSECTICIDES, CARBAMATE
(PA) CHOLINESTERASE INHIBITORS
(NO) shows potential systemic & contact insecticidal properties against certain phytophagous pests; structure

thioflavin S see thioflavin T

thioflavin T
(RN) 2390-54-7
(RR) 1326-12-1 (thioflavin S)
(SY) 2-(p-(dimethylamino)phenyl)-3,6-dimethylbenzothiazolium chloride
(SY) thioflavin S
(HM) *THIAZOLES
(II) FLUORESCENT DYES
(NO) RN given refers to chloride; RN for parent cpd not in Chemline 7/83; structure

thiogalactoside- blockable lectin activity see galaptins

thiogalactoside transacetylase see galactoside acetyltransferase

thioGDP see 6-thioguanosine 5'-diphosphate

5-thioglucal
(RN) 85446-67-9
(SY) 5-thio-D-glucal
(SY) 1,5-anhydro-2-deoxy-5-thio-D-arabino-hex-1-enitol
(HM) DEOXYGLUCOSE/*analogs
(PA) GLYCOSIDE HYDROLASES/antag
(NO) structure given in first source

5-thio-D-glucal see 5-thioglucal

5-thioglucose see 5-thio-D-glucose

5-thio-D-glucose
(RN) 20408-97-3
(RR) 56504-56-4 (6-phosphate)
(SY) 5-thioglucose
(HM) GLUCOSE/*analogs
(PA) ANTISPERMATOGENIC AGENTS
(PA) RADIATION-SENSITIZING AGENTS
(NO) RN given refers to 5-thio-D-glucose

thioglucosidase
(RN) EC 3.2.3.1
(RR) 9025-38-1 (CRN)
(SY) myrosinase
(HM) *GLYCOSIDE HYDROLASES

thioglycerol
(RN) 96-27-5
(RR) 62625-26-7 (Na salt)
(SY) 3-mercapto-1,2-propanediol
(SY) monothioglycerol
(SY) alpha-thioglycerol
(HM) GLYCERIN/*analogs
(NO) potentiates action of bradykinin in guinea-pig ileum; RN given refers to parent cpd; structure

thioglycolic acid methyl ester see methyl thioglycolate

2-thioglycolic acid see 2-mercaptoacetate

thioGTP see 6-thioguanosine 5'-triphosphate

6-thioguanine nucleotide see 6-thioguanylic acid

thioguanine platinum see platinum thioguanine

thioguanine Pt(II) see platinum thioguanine

6-thioguanosine 5'-diphosphate
(RN) 16541-19-8
(SY) thioGDP
(SY) 9-beta-D-ribofuranosyl-2-amino-6-mercaptopurine 5'-diphosphate
(SY) p(S)pg
(SY) guanosine 5'-(beta-thio)diphosphate
(HM) *THIONUCLEOTIDES
(HM) GUANOSINE DIPHOSPHATE/*analogs

6-thioguanosine-5'-phosphate see 6-thioguanylic acid

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6-thioguanosine 5'-triphosphate
(RN) 17670-19-8
(SY) thioGTP
(SY) 9-beta-D-ribofuranosyl-2-amino-6-mercaptopurine 5'-triphosphate
(SY) S6-GTP
(SY) 6-mercapto-GTP
(SY) 2-amino-6-mercapto-9-ribofuranosylpurine 5'-triphosphate
(HM) *THIONUCLEOTIDES
(HM) GUANOSINE TRIPHOSPHATE/*analogs

6-thioguanosine
(RN) 85-31-4
(RR) 17900-03-7 ((beta-D)-isomer)
(SY) 2-amino-9-beta-D-ribofuranosyl-9H-purine-6-thiol
(HM) *THIONUCLEOSIDES
(HM) GUANOSINE/*analogs
(PA) ANTINEOPLASTIC AGENTS
(NO) RN given refers to cpd without isomeric designation

8-thioguanosine
(RN) 29836-03-1
(SY) 8-mercaptoguanosine
(HM) *THIONUCLEOSIDES
(HM) GUANOSINE/*analogs
(NO) lymphocyte activator

6-thioguanylic acid
(RN) 15867-02-4
(SY) 6-thioguanosine-5'-phosphate
(SY) 6-TG nucleotide
(SY) 6-thioguanine nucleotide
(HM) *GUANINE NUCLEOTIDES
(HM) *THIONUCLEOTIDES

thiohexam
(RN) 95-33-0
(SY) N-cyclohexyl-2-benzothiazoiesulfenamide
(HM) *THIAZOLES
(NO) rubber cure accelerator

6-thio-IMP see thioinosinic acid

6-thioinosine-5'-triphosphate
(RN) 27652-34-2
(SY) 6-mercapto-9 beta-ribofuranosylpurine-5'-triphosphate
(SY) 6-thioadenosine-5'-triphosphate
(SY) 6-mercaptopurine ribonucleoside triphosphate
(SY) SRTP
(HM) *THIONUCLEOTIDES
(II) ATP/analogs
(II) ITP/analogs

thioinosinic acid
(RN) 53-83-8
(RR) 15020-63-0 (ion(-2))
(SY) 6-mercaptopurine ribonucleoside 5'-monophosphate
(SY) 6-thio-IMP
(HM) *THIONUCLEOTIDES
(HM) *INOSINE MONOPHOSPHATE/analogs

5'-thio-5'-inosinic acid see 5'-deoxy-5'-thioinosine 5'-monophosphate

Thiokol
(RN) 63148-67-4
(SY) thiorubber
(SY) accralastic
(HM) *RUBBER
(HM) *SULFIDES
(II) DENTAL IMPRESSION MATERIALS
(NO) RN given refers to cpd with unknown MF

thiolactic acid
(RN) 79-42-5
(RR) 13419-67-5 (mono-NH4 salt)
(RR) 33178-96-0 ((R)-isomer)
(RR) 57965-30-7 ((S)-isomer)
(RR) 35440-78-9 (calcium[2:1] salt)
(RR) 37368-65-3 (di-Ag(+1) salt)
(RR) 35440-76-7 (mono-Li salt)
(RR) 35440-77-8 (Sr[2:1] salt)
(RR) 30232-12-3 (cpd with unspecified mercapto-locant)
(SY) 2-mercaptopropionic acid
(HM) *SULFHYDRYL COMPOUNDS
(NO) RN given refers to parent cpd

thiolactomycin
(RN) 82079-32-1
(HM) LACTONES
(PA) ANTIBIOTICS
(NO) ' from actinomycetes; structure given in first source

thiola-cysteine disulfide
(RN) 77591-18-5
(SY) mercaptopropionylglycine-cysteine disulfide
(HM) *DIPEPTIDES
(NO) urinary metabolite of thiola

thiolated poly C see 5-mercaptopolycytidylic acid

thiolated polycytidylic acid see 5-mercaptopolycytidylic acid

thiol beta-lactamase
(RN) EC 3.5.2.-
(HM) *BETA-LACTAMASES
(NO) active site serine has been mutated to cysteine in E. coli

thioldisulfide oxidoreductase see thioltransferase

thiol-disulfide transhydrogenase see protein disulfide-isomerase

thiol methyltransferase
(RN) EC 2.1.1.9
(RR) 9029-81-6 (CRN)
(SY) thiol transmethylase
(HM) *METHYLTRANSFERASES

thiolprotease inhibitor
(SY) thiolprotease inhibitors
(SY) SH-protease inhibitors
(SY) epidermal thiolprotease inhibitor
(HM) *PROTEASE INHIBITORS

thiolprotease inhibitors see thiolprotease inhibitor

thiol proteases see thiol proteinases

thiol proteinase see thiol proteinases

thiol proteinases
(RN) EC 3.4.22.-
(SY) thiol proteinase
(SY) sulfhydryl protease
(SY) acid thiol proteinase
(SY) thiol proteases
(SY) neutral thiol proteinase
(SY) SH protease
(HM) *PEPTIDE PEPTIDOHYDROLASES

thiol-sepharose
(RN) 69552-82-5
(SY) thiol sepharose B
(HM) SEPHAROSE/*analogs

thiol sepharose B see thiol-sepharose

thiolstatin
(HM) *ENZYME INHIBITORS
(PA) PEPTIDE PEPTIDOHYDROLASES/antag
(NO) specific thiol proteinase inhibitor from Bacillus

thiolsubtilisin see thiolsubtilisins

thiolsubtilisins
(RN) EC 3.4.21.-
(SY) thiolsubtilisin
(HM) *SUBTILISINS
(NO) subtilisins in which a serine residue is replaced by a cysteine residue (EC 3.4.21.14)

thioltransferase
(RN) EC 1.8.4.-
(SY) glutathione-disulfide oxidoreductase
(SY) thioldisulfide oxidoreductase
(HM) *OXIDOREDUCTASES
(NO) reduces disulfide groups via thiol transfer; proposed to catalyze transfer of organomercurial from one thiol complex to another

thiol transmethylase see thiol methyltransferase

thiolutin see acetopyrrothine

thiolyte monoquat see bromotrimethylammoniobimane

2-thiomalic acid
(RN) 70-49-5
(SY) mercaptosuccinic acid
(HM) *THIOMALATES
(NO) more than 12 salts & isomers available in Chemline; RN given refers to parent cpd without isomeric designation

3-thiomethylacetaminophen sulfate see 3-thiomethylparacetamol

2-thio-5-methylaminomethyluridine see 5-methylaminomethyl-2-thiouridine

thiomethylgalactoside
(RN) 155-30-6
(SY) methyl beta-D-thiogalactopyranoside
(SY) methylthiogalactoside
(SY) methyl beta-D-thiogalactoside
(SY) methyl 1-thio-beta-D-galactopyranoside
(HM) *METHYLGALACTOSIDES
(HM) *THIOGALACTOSIDES

3-thiomethylparacetamol sulfate see 3-thiomethylparacetamol

3-thiomethylparacetamol
(RN) 37398-23-5
(SY) 3-thiomethylacetaminophen sulfate
(SY) 3-TMAS
(SY) 3-thiomethylparacetamol sulfate
(SY) 3-methylthio-4-hydroxyacetanilide
(HM) ACETAMINOPHEN/*analogs
(NO) urinary metabolite of acetaminophen & phenacetin; structure in second source

thiometon
(RN) 640-15-3
(SY) ekatin
(HM) *THIOPHOSPHORIC ACID ESTERS
(PA) INSECTICIDES, ORGANOTHIOPHOSPHATE
(NO) minor descriptor (72-85); on-line & Index Medicus search INSECTICIDES, ORGANOTHIOPHOSPHATE (72-85); RN given refers to parent cpd

Thiomolybdate see tetrathiomolybdate

thiomolybdate (MoOS3) see trithiomolybdic acid

thiomolybdate (MoO2S2) see dithiomolybdic acid

thiomucase see mucopolysaccharidase

thiomuramyl dipeptide see N-acetyl-thiomuramyl-alanyl-isoglutamine

thio-NAD see thionicotinamide adenine dinucleotide

thio-NADP see thionicotinamide adenine dinucleotide phosphate

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thionicotinamide adenine dinucleotide
(RN) 4090-29-3
(SY) thio-NAD
(SY) TNAD(+)
(HM) NAD/*analogs

thionicotinamide adenine dinucleotide phosphate
(RN) 19254-05-8
(SY) thio-NADP
(HM) NADP/*analogs

thionin see thionine

thionine
(RN) 581-64-6
(SY) 7-amino-3-imino-3H-phenothiazine
(SY) thionin
(HM) *PHENOTHIAZINES
(II) DYES
(NO) RN above is for the chloride; RN for parent cpd not in Chemline 7/83; structure

thionin toxin, Pyrularia
(SY) Pyrularia pubera thionin toxin
(HM) *PLANT PROTEINS
(II) CYTOTOXINS
(II) PLANTS, TOXIC
(NO) 47 amino acid sequence given in first source; from parasitic plant related to mistletoes

thionitrobenzoic acid
(RN) 15139-21-6
(RR) 18430-02-9 (ion(1-))
(SY) 2-nitro-5-thiobenzoic acid
(SY) 2-nitro-5-mercaptobenzoic acid
(HM) *NITROBENZOATES
(NO) RN given refers to parent cpd; structure

thionyl chloride
(RN) 7719-09-7
(HM) *SULFUR OXIDES
(NO) methylating agent; structure given in first source

thio-PAF see
2-acetyl-S-octadecyl-1-thioglycero-3-phosphocholine

thiopeptin
(RN) 12609-84-6
(HM) PEPTIDES
(PA) ANTIBIOTICS

thiopeptin A
(RN) 79102-56-0
(HM) PEPTIDES
(PA) ANTIBIOTICS

thiopeptin B
(RN) 37339-66-5
(HM) PEPTIDES
(PA) ANTIBIOTICS

thiophane
(RN) 110-01-0
(HM) *THIOPHENES

thiophene-2-carboxylate
(RN) 527-72-0
(RR) 25112-68-9 (Na salt)
(RR) 55121-11-4 (2-(14)C-labeled cpd)
(SY) sodium thiophenecarboxylate
(SY) thiophene-2-carboxylic acid
(HM) *THIOPHENES
(PA) EXPECTORANTS
(NO) RN given refers to parent cpd; structure

thiophene-2-carboxylic acid hydrazide
(RN) 2361-27-5
(HM) *THIOPHENES

thiophene-2-carboxylic acid see thiophene-2-carboxylate

thiophenol
(RN) 108-98-5
(RR) 3111-52-2 (K salt)
(RR) 1192-40-1 (Cu(+1) salt)
(RR) 930-69-8 (Na salt)
(HM) *PHENOLS

thiophorase see 3-ketoacid CoA-transferase

thiophosphate see thiophosphoric acid

thiophosphoenolpyruvate
(RN) 89232-34-8
(HM) PHOSPHOENOLPYRUVATE/*analogs
(NO) RN & structure given in first source; RN given refers to 18-O-labeled cpd; RN for unlabeled cpd not in Chemline 7/84

thiophosphoric acid
(RN) 13598-51-1
(RR) 10101-88-9 (tri-Na salt)
(SY) sodium thiophosphate
(SY) thiophosphate
(HM) *PHOSPHATES
(NO) RN given refers to parent cpd

thiophosphoryl chloride
(RN) 3982-91-0
(HM) *PHOSPHORUS
(HM) *CHLORIDES

thio-platelet activating factor see
2-acetyl-S-octadecyl-1-thioglycero-3-phosphocholine

thioproline see thiazolidine-4-carboxylic acid

thiopropamine
(RN) 39516-21-7
(SY)
1-(3,3-diphenylpropyl)amino-3-phenylthiopropane
(HM) *BENZHYDRYL COMPOUNDS
(PA) ANTI-ULCER AGENTS
(NO) structure

thiopropazate
(RN) 84-06-0
(RR) 146-28-1 (di-HCl)
(RR) 38878-44-3 (ion(+1))
(HM) *PHENOTHIAZINES
(PA) PHENOTHIAZINE TRANQUILIZERS
(NO) minor descriptor (66-72); major descriptor (73-85); on-line search PHENOTHIAZINES (66-85); Index Medicus search PHENOTHIAZINES (66-72); THIOPROPAZATE (73-85); RN given refers to parent cpd

thioproperazine receptors see phenothiazine receptor

4-thiopseudouridine
(RN) 55101-24-1
(HM) PSEUDOURIDINE/*analogs

thiopurine methyltransferase
(RN) EC 2.1.1.-
(HM) *METHYLTRANSFERASES

thiopurinol
(RN) 5334-23-6
(SY) 4-mercaptopyrazolo(3,4-d)pyrimidine
(SY) tisopurine
(HM) ALLOPURINOL/*analogs
(PA) URICOSURIC AGENTS
(NO) 4-thio analog of allopurinol; structure

thiopurinol ribonucleoside
(RN) 54524-71-9
(SY) thiopurinol riboside
(HM) *THIONUCLEOSIDES
(HM) *RIBONUCLEOSIDES
(PA) ANTIPROTOZOAL AGENTS

thiopurinol riboside see thiopurinol ribonucleoside

2-thiopyridine
(RN) 2637-34-5
(RR) 72379-82-9 (Pb(+2) salt)
(RR) 13327-60-1 (Zn salt)
(RR) 13327-62-3 (Na salt)
(RR) 58587-02-3 (Tl(+1) salt)
(SY) 2-thiopyridone
(SY) 2-mercaptopyridine
(HM) *PYRIDINES
(NO) RN given refers to parent cpd

4-thiopyridine
(RN) 4556-23-4
(RR) 29467-96-7 (cpd with unspecified mercapto locant)
(SY) 4-thiopyridone
(SY) 4-mecaptopyridine
(HM) *PYRIDINES
(NO) RN given refers to 4-thiopyridine cpd

2-thiopyridone see 2-thiopyridine

4-thiopyridone see 4-thiopyridine

thiopyronine
(RN) 2412-14-8
(HM) *PYRONINE/analogs
(II) INDICATORS AND REAGENTS
(NO) RN in Chemline for cpd with ZnCl4: 52171-29-6

thiopyrophosphate see monothiopyrophosphoric acid

thioredoxin f
(HM) *PLANT PROTEINS
(NO) from spinach choroplasts; MW 16,000; activates fructose biphosphatase; different from thioredoxin

2-thioribothymidine
(RN) 32738-09-3
(HM) THIOURIDINE/*analogs

thioridazine-5-oxide see thioridazine-5-sulfoxide

thioridazine-5-sulfoxide
(RN) 7776-05-8
(RR) 87096-77-3 (mononitrate(R*,S*)-(+-)-isomer)
(RR) 87096-76-2 (mononitrate(R*,R*)-(+-)-isomer)
(RR) 83708-19-4 ((R*,R*)-(+-)-isomer)
(RR) 83708-18-3 ((R*,S*)-(+-)-isomer)
(SY) thioridazine-5-oxide
(HM) THIORIDAZINE/*analogs
(NO) metabolite of thioridazine; cardiotoxic; RN given refers to parent cpd without isomeric designation

thiorphan
(RN) 76721-89-6
(SY) (3-mercapto-2-benzylpropionyl)glycine
(SY) retro-thiorphan
(SY) tiorphan
(HM) *MERCAPTOPROPIONYLGLYCINE/analogs
(PA) PROTEASE INHIBITORS
(II) STEREOISOMERS
(NO) enkephalinase inhibitor which shows antinociceptive activity

thiorubber see Thiokol

2-thiosalicylic acid
(RN) 147-93-3
(RR) 134-23-6 (Na salt)
(SY) ortho-mercaptobenzoic acid
(HM) *BENZOATES
(NO) RN given refers to parent cpd

thiosemicarbazide
(RN) 79-19-6
(RR) 4346-94-5 (mono-HCl)
(RR) 15183-93-4 (unspecified HCl)
(SY) N-aminothiourea
(SY) thiocarbamylhydrazine
(HM) *SEMICARBAZIDES
(NO) RN given refers to parent cpd; structure

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thiosemicarbazone H
(RN) 71555-41-4
(SY) azacycloheptane-1-thiocarboxylic acid 2-(1-(2-pyridyl)ethylidene) hydrazide
(HM) *THIOSEMICARBAZONES
(PA) ANTI-INFECTIVE AGENTS
(NO) antibacterial & antiparasitic properties; structure given in first source

thiosinamine see allylthiourea

thiosine see S-beta-aminoethyl cysteine

6-thiosucrose
(RN) 92596-11-7
(HM) SUCROSE/*analogs
(NO) structure given in first source

thiosulfate oxidizing enzyme
(RN) EC 1.8.99.-
(HM) *OXIDOREDUCTASES
(NO) 2 S203(-2) plus 2 ferricyanide gives S406(-2) plus ferrocyanide

thiosulfate reductase
(RN) EC 1.8.-
(HM) *OXIDOREDUCTASES
(NO) in Proteus mirabilis; one enzyme catalyzes both tetrathionate & thiosulfate reduction

thiosulfinic acids
(HM) *SULFINIC ACIDS
(NO) minor descriptor (75-82); online & Index Medicus search SULFINIC ACIDS (68-82)

thiotal see mesulfen

thiotetromycin
(RN) 85263-97-4
(HM) THIOPHENES
(PA) ANTIBIOTICS
(NO) from Streptomyces sp. OM-674; structure given in first source

6-thiotheophylline
(RN) 2398-70-1
(HM) THEOPHYLLINE/*analogs
(PA) PHOSPHODIESTERASE INHIBITORS

2-thiothiazolidone see 2-mercaptothiazoline

thiotropocin
(RN) 89550-93-6
(HM) TROPOLONE/analogs
(PA) ANTIBIOTICS
(NO) isolated from Pseudomonas sp. CB-104; structure given in first source

thiotungstic acid, diammonium salt see ammonium tetrathiotungstate

6-thiouric acid
(RN) 2002-60-0
(HM) URIC ACID/*analogs
(NO) structure

4-thiouridylic acid
(RN) 4145-46-4
(HM) *THIONUCLEOTIDES
(HM) *URIDINE MONOPHOSPHATE/analogs

3-thiovitamin D3
(SY) 3 beta-thiocholecalciferol
(HM) *CHOLECALCIFEROLS
(NO) structure given in first source

Thioxidrene see citiolone

thioxolone
(RN) 4991-65-5
(SY) 6-hydroxy-1,3(2H)-benzoxathiol-2-one
(SY) tioxolon
(HM) *LACTONES
(NO) antiseborrheic agent

THIP see 4,5,6,7-tetrahydroisoxazolo(5,4-c)pyridin-3-ol

thiram EF
(RN) 41365-24-6
(RR) 52137-86-7 ((diethyldiphenyl)-isomer with unspecified locants)
(SY) N,N-diethyl-N,N-diphenylthiramdisulfide
(SY) thiuram EF
(HM) *THIRAM
(NO) vulcanizing agent for rubbers used for food packaging; RN given refers to (N,N'-diethyl-N,N'-diphenyl)-isomer

thiuram EF see thiram EF

thomicide see tomicide

Thomsen-Friedenreich antibodies
(SY) anti-T
(HM) *ANTIBODIES

Thomsen-Friedenreich antigen see beta-D-galactosyl(1-3)-N-acetyl-D-galactosamine

thomycide see tomicide

thonzylamine
(RN) 91-85-0
(RR) 63-56-9 (mono-HCl)
(SY) ambistamin
(SY) anahist
(SY) neohetramine
(SY) piristina
(SY) resistab
(SY) thonzylene
(SY) histazylamine
(SY) 2-((2-(dimethylamino)ethyl)(4-methoxybenzyl) amino)pyrimidine
(HM) *PYRIMIDINES
(PA) HISTAMINE H1 RECEPTOR BLOCKADERS
(NO) major descriptor (72-84); on-line search PYRIMIDINES (72-84); Index Medicus search THONZYLAMINE (72-84); RN given refers to parent cpd

thonzylene see thonzylamine

thorin see thoron (reagent)

thorium citrate see citric acid

thorium nitrate
(RN) 13823-29-5
(HM) *THORIUM

thorium X
(RN) 13233-32-4
(SY) radium-224
(HM) *RADIUM
(NO) used in therapy of Bechterew's disease

Thormaehlen positive compound B
(SY) TP compound B
(HM) *INDOLES
(NO) from melanotic urine; mixture of O-sulfate-5-hydroxy-6-methoxyindole & 6-hydroxy-5-methoxyindole with predominance of the latter

Thormaehlen positive melanogens
(SY) TP melanogens
(SY) Thormahlen positive melanogens
(HM) *MELANINS
(NO) sum of TP melanogens can be used for routine monitoring of patients in course of malignant melanoma

Thormahlen positive melanogens see Thormaehlen positive melanogens

thorn apple seed lectin see Datura stramonium lectin

thoron daughters see radon daughters

thoron (element)
(RN) 22481-48-7
(HM) *RADON
(NO) radon isotope of mass 220

thoron (reagent)
(RN) 132-33-2
(SY) thorin
(HM) *ARSENICALS
(II) INDICATORS AND REAGENTS
(NO) indicator for microtitration of sulfate

THPAA see 3,4,alpha-trihydroxyphenylacetamidine

THP-ADM see 4'-O-tetrahydropyranyladriamycin

THP-adriamycin see 4'-O-tetrahydropyranyladriamycin

THPC
(RN) 124-64-1
(RR) 7580-37-2 (unspecified acetate)
(RR) 52221-67-7 (oxalate[2:1])
(RR) 22031-17-0 (phosphate[3:1])
(RR) 55566-30-8 (sulfate[2:1])
(RR) 512-82-3 (unspecified hydroxide)
(RR) 24748-25-2 (unspecified nitrate)
(HM) *ORGANOPHOSPHORUS COMPOUNDS
(II) FLAME RETARDANTS
(NO) RN given refers to chloride; RN for parent cpd not in Chemline 7/83; Negwer,5th ed has a number for a different cpd named THPC; structure

THP-DOX see 4'-O-tetrapyranyldoxorubicin

THPO see 4,5,6,7-tetrahydroisoxazolo(4,5-c)pyridin-3-ol

Thr-Dah-Pro see threonyl-(2,6-diamino-4-hexynoate)proline

threitol
(RN) 7493-90-5
(RR) 2418-52-2 ((R-(R*,R*))-isomer)
(RR) 6968-16-7 (((R*,R*)-(+-))-isomer)
(HM) *SUGAR ALCOHOLS
(NO) RN given refers to (R*,R*)-isomer; RN for cpd without isomeric designation not in Chemline 7/83

threonic acid
(RN) 3909-12-4
(RR) 7306-96-9 ((R-(R*,S*))-isomer)
(RR) 13752-84-6 ((R*,R*)-isomer)
(SY) 2,3,4-trihydroxy-(threo)-butanoic acid
(HM) *HYDROXYBUTYRATES
(NO) RN given refers to (R*,S*)-isomer; RN for cpd without isomeric designation not in Chemline 7/83

threonine dehydrogenase see L-threonine 3-dehydrogenase

L-threonine 3-dehydrogenase
(RN) EC 1.1.1.103
(RR) 9067-99-6 (CRN)
(SY) threonine dehydrogenase
(HM) *ALCOHOL OXIDOREDUCTASES

4-threonine-7-glycine-oxytocin see oxytocin, 4-Thr-7-Gly-

threonine-neochymotrypsinogen see neochymotrypsinogen

threonine protein kinase see protein-threonine kinase

threonine-tRNA see tRNA, threonine-

N(6)-(N-threonylcarbonyl)adenosine see N-(9-(beta-D-ribofuranosyl)purin-6-ylcarbamoyl) threonine

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threonyl-2,6-diamino-4-hexynoate proline see threonyl-(2,6-diamino-4-hexynoate)proline

threonyl-(2,6-diamino-4-hexynoate)proline
(SY) Thr-Dah-Pro
(SY) threonyl-2,6-diamino-4-hexynoate proline
(HM) *OLIGOPEPTIDES

28-threonyl-31-isoleucine-cholecystokinin (25-33) see cholecystokinin (25-33), Thr(28)-Nle(31)-

threonyl-lysyl-proline
(RN) 41961-56-2
(RR) 89705-52-2 (unspecified Na salt(all L)-isomer)
(RR) 89705-51-1 (unspecified acetate salt all(L)-isomer)
(SY) Thr-Lys-Pro
(SY) TKP
(HM) *OLIGOPEPTIDES
(II) IGG
(II) IMMUNOGLOBULIN FRAGMENTS
(NO) tripeptide from second constant domain of IGG; RN given refers to all (L)-isomer; RN for cpd without isomeric designation not in Chemline 6/85

4-threonyl-7-N-methylalanine-oxytocin see oxytocin, 4-Thr-7-N-MeAla-

threonyl-prolyl-arginyl-lysine see kentsin

4-threonyl-7-sarcosine-oxytocin see oxytocin, 4-Thr-7-Sar-

threonyl-seryl-lysyl-tyrosyl-arginine see neo-kyotorphin

2-threonyl-6-threonyl-5-leucine enkephalin see deltakephalin

threonyl-tRNA see tRNA, threonine-

threose 4-phosphate see erythrose 4-phosphate

4-Thr-7-Gly-oxytocin see oxytocin, 4-Thr-7-Gly-

Thr(2)-Leu(5)-enkephalyl-Thr(6) see deltakephalin

Thr-Lys-Pro see threonyl-lysyl-proline

Thr-Lys-Pro-Arg-Thr-Lys-Pro-Arg see tuftsinyltuftsin

4-Thr-7-N-MeAla-oxytocin see oxytocin, 4-Thr-7-N-MeAla-

Thr-neochymotrypsinogen see neochymotrypsinogen

Thr(28)-Nle(31)-cholecystokinin (25-33) see cholecystokinin (25-33), Thr(28)-Nle(31)-

thrombin-activated factor VIII see factor VIIIa

thrombin alpha(2)-macroglobulin complex see thrombin-alpha(2)-macroglobulin complex

thrombin-alpha(2)-macroglobulin complex
(SY) alpha(2)-macroglobulin-thrombin complex
(SY) thrombin alpha(2)-macroglobulin complex
(SY) thrombin-alpha(2)M
(HM) *ALPHA MACROGLOBULINS
(HM) *THROMBIN

thrombin-alpha(2)M see thrombin-alpha(2)-macroglobulin complex

thrombin binding sites see thrombin receptor

thrombin Metz
(HM) *THROMBIN
(II) BLOOD COAGULATION DISORDERS
(NO) variant thrombin derived from the activation of prothrombin Metz by factor Xa; defective in most reactions ascribed to normal thrombin

thrombin-reactive protein complex
(SY) thrombin RPC
(HM) *BLOOD PROTEINS
(NO) from platelet membranes; consists of 4 polypeptides, MW 74,000, 55,000, 27,000 & 20,000; modulates the action of thrombin on platelet aggregation

thrombin receptor
(SY) thrombin binding sites
(SY) thrombin receptors
(SY) receptor, thrombin
(SY) thrombomodulin
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) THROMBIN

thrombin receptors see thrombin receptor

thrombin RPC see thrombin-reactive protein complex

thrombin-sensitive protein see glycoprotein G

thrombocyte aggregating activity see platelet aggregating factor

thrombocytin
(RN) EC 3.4.21.-
(HM) *PEPTIDE HYDROLASES
(HM) *CROTALID VENOMS
(NO) proteolytic enzyme from the venom of Bothrops marajoensis; aggregates platelets directly without the mediation of prothrombin or Factor X; causes the platelet release reaction & platelet dependent fibrin retraction

Thrombofax
(RN) 39355-51-6
(HM) *THROMBOPLASTIN
(II) INDICATORS AND REAGENTS
(NO) stable, ready to use reagent for evaluation of platelet release reaction

thrombokinase see Factor Xa

thrombomodulin see thrombin receptor

thromboplastin related antigen see human tissue factor related antigen

thrombospondin see glycoprotein G

thrombosthenin
(RN) 9079-92-9
(HM) *BLOOD PROTEINS
(NO) contractile protein localized in blood platelets; it is the major factor in clot retraction & the spontaneous shrinkage of in vitro formed platelet aggregates; minor descriptor (75-85); on-line & Index Medicus search BLOOD PROTEINS (75-85)

thromboxane A3
(RN) 60114-68-3
(SY) TXA3
(HM) *THROMBOXANES

thromboxane B3
(RN) 71953-80-5
(SY) TXB3
(HM) THROMBOXANE B2/*analogs

thromboxane A2, carbocyclic
(RN) 73543-47-2
(SY) carbocyclic thromboxane A2
(SY) 2 beta-(Z),3 alpha-(1E,3R)-3-(3-hydroxy-(1-octenyl)bicyclo(3.1.1)hept-2-yl-5-heptenoic acid
(HM) THROMBOXANE A2/*analogs
(PA) VASOCONSTRICTOR AGENTS
(II) PLATELET AGGREGATION/drug eff

thromboxane receptor
(SY) thromboxane receptors
(SY) receptor, thromboxane
(SY) thromboxane A2 receptor
(HM) *RECEPTORS, PROSTAGLANDIN
(II) THROMBOXANES

thromboxane A2 receptor see thromboxane receptor

thromboxane receptors see thromboxane receptor

thropacin see tropacine

Thr-Pro-Arg-Lys see kentsin

4-Thr-7-Sar-oxytocin see oxytocin, 4-Thr-7-Sar-

Thr-Ser-Lys-Tyr-Arg see neo-kyotorphin

Thr-tRNA see tRNA, threonine-

THTMF see 5,3',4'-trihydroxy-3,6,7,8-tetramethoxyflavone

3-thujanone see beta-thujone

thujone see beta-thujone

thulium chloride
(RN) 13537-18-3
(HM) *THULIUM

thurfyl nicotinate
(RN) 70-19-9
(SY) tetrahydrofurfuryl nicotinate
(SY) trafuril
(HM) *NICOTINIC ACIDS
(HM) *FURANS
(II) RHEUMATISM/*drug ther

thuringin see bitoxibacillin

Thy-1 alloantibody see anti-Thy antibody

Thy-1.1 alloantigen see Thy-1 antigen

Thy-1.2 alloantigen see Thy-1 antigen

anti-Thy antibody
(SY) anti-Thy 1.2 antibody
(SY) anti-Thy 1.1 antibody
(SY) Thy-1 alloantibody
(SY) antiThy antibody
(SY) anti-Thy-1
(HM) *ISOANTIBODIES
(II) MONOCLONAL ANTIBODIES

anti-Thy 1.1 antibody see anti-Thy antibody

anti-Thy 1.2 antibody see anti-Thy antibody

Thy-1 antigen
(SY) theta
(SY) Thy-1.1 alloantigen
(SY) Thy-1.2 alloantigen
(SY) Thy-1 glycoprotein
(SY) Thy-1-GP
(SY) glycoprotein, Thy-1
(SY) MRC OX-7 antigen
(HM) *ANTIGENS, SURFACE
(NO) membrane glycoprotein from various regions of rat brain; Thy-1.1 & Thy-1.2 are allelic forms of Thy-1

Thy-1 glycoprotein see Thy-1 antigen

Thy-1-GP see Thy-1 antigen

thylakoid intrinsic protein
(HM) *MEMBRANE PROTEINS
(II) FERREDOXIN-NADP REDUCTASE
(II) CARRIER PROTEINS
(NO) MW 17,500; binds ferredoxin-NADP reductase in chloroplast membrane; see also related record thylakoid polypeptides

thylakoid membrane phosphoprotein
(HM) *MEMBRANE PROTEINS
(II) PHOSPHOPROTEINS
(NO) MW 9000; from spinach chloroplast thylakoid membrane; see also related records for thylakoid polypeptides & thylakoid intrinsic protein

thylakoid polypeptides
(HM) *MEMBRANE PROTEINS
(NO) see also specific thylakoid intrinsic protein & thylakoid membrane phosphoprotein

thymalin
(HM) *THYMUS HORMONES
(PA) IMMUNOSTIMULANTS
(NO) see also thymarin

thymarin
(RN) 67775-02-4
(RR) 67802-31-7 (thymarin III)
(SY) thymus factor III
(HM) *THYMUS HORMONES
(NO) polypeptide; RN given refers to cpd with unknown MF; may be same as thymalin; see also thymalin

thymic adenosine deaminase isozyme see thymus-leukemia antigens

thymic epithelial differentiation antigen see differentiation antigens, T lymphocyte

thymic factor, circulating receptor see serum thymic factor receptor

thymic factor, circulating receptors see serum thymic factor receptor

thymic humoral factor
(RN) 63340-72-7
(SY) thymus humoral factor
(HM) *THYMUS HORMONES

thymidine-5'-aldehyde
(RN) 6049-39-4
(HM) THYMIDINE/*analogs

thymidine diphosphate sugars
(SY) TDP sugars
(HM) *NUCLEOSIDE DIPHOSPHATE SUGARS
(NO) esters formed between the aldehydic carbon of sugars & terminal phosphate of thymidine diphosphate; minor descriptor (75-85), on-line & Index Medicus search NUCLEOSIDE DIPHOSPHATE SUGARS (75-85)

thymidine 5'-diphosphate
(RN) 491-97-4
(SY) deoxy-TDP
(SY) thymidine 5'-pyrophosphate
(HM) *THYMINE NUCLEOTIDES
(NO) see also record for thymidine 3',5'-diphosphate, RN 2863-04-9

thymidine glycol
(RN) 32645-65-1
(RR) 42957-13-1 ((cis)-isomer)
(RR) 42957-14-2 ((trans)-isomer)
(RR) 38709-53-4 ((5R,6R)-isomer)
(RR) 38709-52-3 ((5S,6R)-isomer)
(RR) 38645-24-8 ((5S,6S)-isomer)
(RR) 38645-22-6 ((5R,6S)-isomer)
(RR) 51268-80-5 ((5R*,6S*)-isomer)
(SY) glycolthymidine
(SY) 5,6-dihydroxy-5,6-dihydrothymidine
(HM) THYMIDINE/*analogs
(NO) RN given refers to cpd without isomeric designation

thymidine 2'-hydroxylase see thymidine,2-oxoglutarate dioxygenase

thymidine-8-methoxypsoralen tetramethylethylene diadduct
(SY) TMPTE
(HM) METHOXSALEN/*analogs
(HM) THYMIDINE/*analogs
(NO) structure given in first source

thymidine 5'-4-nitrophenyl phosphate
(RN) 2304-08-7
(RR) 4043-97-4 (mono-Na salt)
(SY) PNPpT
(HM) *THYMIDINE MONOPHOSPHATE/analogs
(NO) RN given refers to parent cpd

thymidine nucleotidase see 5'-nucleotidase

thymidine,2-oxoglutarate dioxygenase
(RN) EC 1.14.11.3
(SY) pyrimidine deoxyribonucleoside 2'-hydroxylase
(SY) thymidine 2'-hydroxylase
(HM) *HYDROXYLASES

thymidine 3'-phosphate 4-nitrophenyl ester see 4-nitrophenyl 3'-thymidylate

thymidine 5'-pyrophosphate see thymidine 5'-diphosphate

thymidine 5'-O-(1-thiotriphosphate)
(RN) 18883-94-8
(SY) dTTP alphaS
(SY) dTTP (alpha S)
(HM) *THYMINE NUCLEOTIDES
(HM) *THIONUCLEOTIDES

thymidine-5'-triphosphatase see deoxythymidinetriphosphatase

thymidine triphosphate see thymidine 5'-triphosphate

thymidine 5'-triphosphate
(RN) 365-08-2
(RR) 25806-75-1 (Mg salt)
(RR) 27821-54-1 (tri-Na salt)
(RR) 20701-20-6 (P"-(32)P-labeled cpd)
(SY) deoxythymidine triphosphate
(SY) TTP
(SY) thymidine triphosphate
(SY) dTTP
(HM) *THYMINE NUCLEOTIDES
(NO) RN given refers to parent cpd

thymidylate kinase see dTMP kinase

thymidylate 5'-phosphatase
(RN) EC 3.1.3.35
(SY) deoxythymidylate phosphohydrolase
(HM) *NUCLEOTIDASES

5'-O-thymidyl 3'-O-thymidylphosphate
(RN) 84332-64-9
(RR) 84413-98-9 ((18)O-labeled cpd (S)-isomer)
(HM) *THYMINE NUCLEOTIDES
(NO) RN given refers to (18)O-labeled (R)-isomer from first source; cpd not in Chemline 8/1/83

thymidylyl-deoxyadenylic acid
(RN) 28267-23-4
(SY) deoxythymidylyl-deoxyadenylic acid
(SY) deoxy(thymidylyl-adenylyl)
(SY) d(T-A)
(HM) *OLIGODEOXYRIBONUCLEOTIDES

thymidylyl (3',5')-ribothymidine see thymidylyl-(3'-5')-thymidine

thymidylyl(3'-5')thymidine cyanoethyl ester
(SY) TPCET
(HM) *THYMINE NUCLEOTIDES
(NO) structure given in first source

thymidylyl-(3'-5')-thymidine
(RN) 1969-54-6
(SY) Tp5meU
(SY) thymidylyl (3',5')-ribothymidine
(HM) *THYMINE NUCLEOTIDES

thyminalkylamine
(RN) 7264-21-3
(RR) 6860-12-4 (mono-HCl)
(SY) thyminealkamine
(SY) 5-bis(2-chloroethyl)aminomethyluracil
(SY) ypenyl
(HM) *NITROGEN MUSTARD COMPOUNDS
(HM) THYMINE/*analogs
(NO) RN given refers to parent cpd

thyminealkamine see thyminalkylamine

thymine arabinoside see ara-T

thymine deoxyribonuclease triphosphatase see deoxythymidinetriphosphatase

thymine glycol
(RN) 2943-56-8
(RR) 1124-84-1 ((cis)-isomer)
(RR) 1431-06-7 ((trans)-isomer)
(RR) 57908-05-1 ((cis)-(+-))-isomer)
(RR) 57908-06-2 (((trans)-(+-))-isomer)
(RR) 57968-48-6 ((5R-cis)-isomer)
(RR) 57968-50-0 ((5R-trans)-isomer)
(RR) 57968-49-7 ((5S-cis)-isomer)
(RR) 58000-49-0 ((5S-trans)-isomer)
(SY) glycolthymine
(SY) 5,6-dihydroxy-5,6-dihydrothymine
(SY) 5,6-dihydroxydihydrothymine
(HM) THYMINE/*analogs
(NO) forms photodimers (thymine dimers) under UV; RN given refers to cpd without isomeric designation

thymine glycol DNA glycosylase see endodeoxyribonuclease (pyrimidine dimer)

thymine glycol glycosylase see endodeoxyribonuclease (pyrimidine dimer)

thymine 7-hydroxylase see thymine, 2-oxoglutarate dioxygenase

thymine-hydroxyprogesterone see NSC 281842

thymine, 2-oxoglutarate dioxygenase
(RN) EC 1.14.11.6
(SY) thymine 7-hydroxylase
(SY) alpha-ketoglutarate dioxygenase, thymine
(HM) *HYDROXYLASES
(NO) 5-hydroxymethyluracil,2-oxoglutarate dioxygenase was formerly EC 1.14.11.5; for this activity, substrate THYMINE may be replaced by URACIL/analogs

thymine-N(1)-2-propenal see 3-(thymin-1'-yl)-2-propenal

3-(thymin-1'-yl)-2-propenal
(RN) 85394-19-0
(RR) 79251-82-4 ((E)-isomer)
(SY) thymine-N(1)-2-propenal
(SY) TNPP
(HM) THYMINE/*analogs
(PA) ANTINEOPLASTIC AGENTS
(NO) structure given in first source; RN given refers to cpd without isomeric designation

thymol-phosphate cement
(HM) THYMOL/*analogs
(II) DENTAL CEMENTS
(NO) no other info available 11/84

thymolphthalein monophosphate
(RN) 17016-43-2
(RR) 28749-63-5 (unspecified Na salt)
(RR) 62796-27-4 (di-Na salt)
(RR) 68991-94-6 (unspecified Mg salt)
(RR) 10496-54-5 (mono-Mg salt)
(RR) 67953-09-7 (Mg-Na[2:1:4] salt)
(HM) *THYMOLPHTHALEIN/analogs
(NO) RN in Chemline for Na salt: 28749-63-5; RN for di-Na salt: 62796-27-4; RN for Mg salt: 68991-94-6: RN for 1/2 Mg.2Na salt: 67953-09-7; RN for mono-Mg salt: 10496-54-5

thymopentin see thymopoietin pentapeptide

thymopoietin III
(RN) 79103-34-7
(RR) 1416-60-0 (cpd with unspecified MF)
(SY) splenin
(HM) *THYMOPOIETINS
(PA) ANTITUBERCULAR AGENTS
(II) SPLEEN
(II) LYMPHOKINES
(NO) 48 AA monomeric peptide isolated from bovine spleen; thymopoietins I & II are from thymus; structure in first source

thymopoietin III pentapeptide (32-36) see splenopentin

thymopoietin II octadecapeptide (32-49)
(RN) 84979-67-9
(SY) TP 32-49
(HM) *THYMOPOIETINS
(HM) *PEPTIDE FRAGMENTS
(NO) amino acid sequence given in first source

thymopoietin pentapeptide
(RN) 69558-55-0
(SY) TP-5
(SY) thymopoietin (32-36) pentapeptide
(SY) thymopentin
(HM) *THYMOPOIETINS
(HM) *PEPTIDE FRAGMENTS
(II) ADJUVANTS, IMMUNOLOGIC
(NO) amino acids 32-36 of thymopoietin II; an immune modulator

thymopoietin (32-36) pentapeptide see thymopoietin pentapeptide

thymopoietin receptor
(SY) receptor, thymopoietin
(SY) thymopoietin receptors
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) THYMOPOIETINS

thymopoietin receptors see thymopoietin receptor

thymopoietin(38-45)
(SY) Glu-Leu-Tyr-Leu-Gln-Ser-Leu-Thr
(HM) *THYMOPOIETINS
(HM) *PEPTIDE FRAGMENTS

thymosin alpha(1)
(RN) 69521-94-4
(SY) thymosin alpha1
(HM) THYMOSIN/*analogs
(NO) isolated from thymus gland; octaeicosapeptide; one of the polypeptides of thymosin fraction V; see also record for thymosin fraction V

thymosin alpha1 see thymosin alpha(1)

thymosin alpha(11)
(RN) 89072-27-5
(SY) thymosin alpha11
(HM) THYMOSIN/*analogs
(NO) from thymosin fraction V; contains 7 additional amino acid residues at COOH terminus; peptide sequence given in first source

thymosin alpha11 see thymosin alpha(11)

thymosin alpha(7)
(RN) 69772-65-2
(SY) thymosin alpha7
(HM) THYMOSIN/*analogs

thymosin alpha7 see thymosin alpha(7)

thymosin beta(4)alanine
(RN) 85410-66-8
(SY) thymosine beta4 alanine
(SY) thymosine beta(4)Ala
(HM) THYMOSIN/*analogs
(NO) from rabbit tissue; contains Ala in place of Ser at the blocked NH2 terminus

thymosin beta(10)arginine
(RN) 88160-82-1
(SY) thymosine beta10 arginine
(SY) thymosine beta(10)Arg
(HM) THYMOSIN/*analogs
(NO) from rabbit tissue, variant of thymosin beta(10) in which Arg is inserted following Lys-38

thymosin beta(10)
(RN) 87397-91-9
(SY) thymosin beta10
(HM) THYMOSIN/*analogs
(NO) found in mammalian spleen, liver & thymus; composed of 42 amino acid residues; shows 75% sequence homology with thymosin beta(4)

thymosin beta10 see thymosin beta(10)

thymosin beta(11)
(SY) thymosin beta11
(HM) THYMOSIN/*analogs
(NO) peptide containing 41 amino acid residues; isolated from trout liver

thymosin beta11 see thymosin beta(11)

thymosin beta(4)
(RN) 77591-33-4
(RR) 77642-24-1 (thymosin beta4)
(HM) THYMOSIN/*analogs
(NO) biological active peptide present in thymosin fractions 5 & 5A; participates in the regulation, differentiation & function of thymus-derived lymphocytes & may also act directly or indirectly on macrophages & other cells involved in cell-mediated immunity; complete amino acid sequence of cpd has been established; RN given refers to thymosin beta4 (ox)

thymosin beta(8)
(RN) 81775-03-3
(HM) THYMOSIN/*analogs

thymosin beta(9)
(RN) 81775-04-4
(SY) thymosin beta9
(HM) THYMOSIN/*analogs
(NO) amino acid sequence given in first source; RN given refers to all (L)-isomer; RN for cpd without isomeric designation not in Chemline 9/84

thymosin beta9 see thymosin beta(9)

thymosine beta4 alanine see thymosin beta(4)alanine

thymosine beta(4)Ala see thymosin beta(4)alanine

thymosine beta10 arginine see thymosin beta(10)arginine

thymosine beta(10)Arg see thymosin beta(10)arginine

thymosin fraction V
(SY) thymosin fraction 5
(HM) THYMOSIN/*analogs
(NO) composed of group of polypeptides ranging in MW from 1000-15,000; these polypeptides act individually, sequentially or in concert to influence development & maintenance of T cell immunity; see also record for thymosin alpha(1) which is one of the polypeptides of fraction V

thymosin fraction 5 see thymosin fraction V

thymosin receptor
(SY) thymosin receptors
(SY) receptor, thymosin
(HM) *RECEPTORS, IMMUNOLOGIC
(II) THYMOSIN

thymosin receptors see thymosin receptor

thymosterin
(RN) 39379-60-7
(SY) thymosterine
(HM) *THYMUS EXTRACTS
(PA) ANTINEOPLASTIC AGENTS
(PA) ANTITUBERCULAR AGENTS
(II) THYMUS HORMONES
(NO) thymus extract which seems to be of steroidic nature

thymosterin B
(RN) 74191-22-3
(SY) thymosterine B
(HM) *LIPIDS
(II) THYMUS EXTRACTS
(NO) thymus extract of a lipid nature which stimulates serum antibodies

thymosterine see thymosterin

thymosterine B see thymosterin B

thymostimulin
(SY) TP-1
(HM) *THYMUS EXTRACTS
(PA) IMMUNOSTIMULANTS
(NO) partially purified thymic extract of calf thymus; increases the percentage of Thy-1-positive cells of mouse spleen & their responsiveness to phytohemagglutinin & Con A stimulation; complex of thermostable nondialyzable polypeptides

thymus factor III see thymarin

thymus factor X see TFX

thymus humoral factor see thymic humoral factor

thymus-leukemia antigens
(SY) TL-antigens
(SY) human thymus leukemia-associated antigen
(SY) thymic adenosine deaminase isozyme
(SY) HThy-L-ADA
(SY) T-cell leukemia antigens
(SY) leukemia antigen, T cell
(SY) TL antigen
(SY) TL-like antigens
(HM) *ANTIGENS, NEOPLASM
(II) THYMUS GLAND
(II) MEMBRANE PROTEINS
(II) ADENOSINE DEAMINASE
(II) T LYMPHOCYTES
(II) ANTIGENS, SURFACE
(NO) membrane-associated glycoproteins of murine leukemia cells; human thymus leukemia-associated antigen has been recently identified as a thymic isoenzyme of adenosine deaminase 5/28/81

thynnine
(HM) *PROTAMINES
(NO) arginine-rich protamine from tuna fish containing single tyrosine

thyreoidin see thyroidin

thyreotom see euthyral

thyroactive casein see protamone

thyroactive iodinated casein see protamone

thyroactive protein see protamone

thyroglobulin receptor
(SY) thyroglobulin receptors
(SY) receptor, thyroglobulin
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) THYROGLOBULIN

thyroglobulin receptors see thyroglobulin receptor

thyroid hormone aminotransferase
(RN) EC 2.6.1.26
(SY) triiodothyrone aminotransferase
(SY) triiodothyronine aminotransferase
(HM) *AMINOTRANSFERASES

thyroid hormone receptor see triiodothyronine receptor

thyroidin
(RN) 8001-24-9
(SY) thyreoidin
(SY) iodothyrin
(HM) *THYROID HORMONES
(PA) THYROID ANTAGONISTS
(II) HORMONES, SYNTHETIC
(NO) dried extract of thyroid diluted with milk sugar or other suitable diluent, equal in potency to official thyroid

thyroid-stimulating antibodies see thyroid-stimulating immunoglobulin

thyroid-stimulating antibody see thyroid-stimulating immunoglobulin

thyroid stimulating hormone alpha subunit see alpha subunit, pituitary hormones

thyroid-stimulating immunoglobulin
(SY) thyrotropin-binding inhibitory immunoglobulins
(SY) TSH-binding inhibitory immunoglobulins
(SY) TBII
(SY) TACSI
(SY) thyroid-stimulating antibodies
(SY) TSAb
(SY) thyroid-stimulating antibody
(HM) *IGG
(II) ANTIBODIES
(II) THYROID GLAND/immunol
(NO) detected in great majority of Graves' disease patients

thyrolar see euthyral

thyroliberin deamidase see thyroliberin degrading enzyme

thyroliberin deamidating enzyme see thyroliberin degrading enzyme

thyroliberin degrading enzyme
(RN) EC 3.4.21.-
(SY) thyroliberin deamidating enzyme
(SY) thyroliberin deamidase
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) post-proline-cleaving enzyme not identical to EC 3.4.21.26

thyroprotein see protamone

thyrotropin alpha subunit see alpha subunit, pituitary hormones

thyrotropin beta-subunit
(SY) TSH-beta
(HM) *THYROTROPIN
(HM) *PEPTIDE FRAGMENTS
(NO) beta-subunit resonsible for biological & immunological specificity; alpha-subunit similar to that in FSH, LH, HCG

thyrotropin-binding inhibitory immunoglobulins see thyroid-stimulating immunoglobulin

thyrotropin receptor
(SY) TSH receptor
(SY) receptors, TSH
(SY) receptors, thyrotropin
(SY) thyrotropin receptors
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) THYROTROPIN

thyrotropin receptors see thyrotropin receptor

thyrotropin releasing hormone-AN see pyroglutaminyl-seryl-leucinamide

thyrotropin releasing hormone binding sites see thyrotropin releasing hormone receptor

thyrotropin-releasing hormone deamidase see TRH deamidase

thyrotropin releasing hormone, 4-fluoroimidazole- see TRH, 4-fluoroimidazole-

thyrotropin releasing hormone 5-fluoroimidazole
(RN) 81222-57-3
(SY) 5-fluoroimidazole-TRH
(SY) TRH-5-FI
(HM) THYROTROPIN RELEASING HORMONE/*analogs

thyrotropin releasing hormone-glycine see TRH-Gly

thyrotropin releasing hormone-glycyl-lysyl-arginine see TRH-Gly-Lys-Arg

thyrotropin releasing hormone hydrazide see TRH, Pro-hydrazide

thyrotropin releasing hormone precursor see pro-thyrotropin releasing hormone

thyrotropin releasing hormone receptor
(SY) TRH receptor
(SY) receptor, TRH
(SY) thyrotropin releasing hormone receptors
(SY) receptor, thyrotropin releasing hormone
(SY) thyrotropin releasing hormone binding sites
(SY) TRH binding sites
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) THYROTROPIN RELEASING HORMONE

thyrotropin releasing hormone receptors see thyrotropin releasing hormone receptor

thyroxine receptor
(SY) thyroxine receptors
(SY) receptor, thyroxine
(SY) T4 receptor
(SY) T4 receptors
(SY) receptor, T4
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) THYROXINE

thyroxine receptors see thyroxine receptor

thyroxine-4-sulfate
(RN) 77074-49-8
(HM) THYROXINE/*analogs
(NO) RN given for (L)-isomer: RN for cpd without isomeric designation not in Chemline 8/85

anti-Thy-1 see anti-Thy antibody

TH-494 see stirocainide

TH 494 see stirocainide

tiadenol
(RN) 6964-20-1
(SY) LL 1558
(SY) thiadenol
(SY) tiadenolo
(SY) fonlipol
(SY) bis(2- hydroxyethylthio)-1,10-decane
(SY) bis(hydroxy-2-ethylthio)-1,10-decane
(SY) BS 530
(HM) *FATTY ALCOHOLS
(PA) ANTILIPEMIC AGENTS
(NO) structure

tiadenolo see tiadenol

Ti-6Al-V4 alloy see titanium alloy (TiAl6V4)

Ti6Al4V see titanium alloy (TiAl6V4)

tiamenidine
(RN) 31428-61-2
(RR) 51274-83-0 (mono-HCl)
(SY) 2-chloro-4-methyl-3-(2'-imidazolin-2'-ylamino) thiophene
(SY) Hoe 440
(SY) thiamenidine
(HM) *THIOPHENES
(PA) ANTIHYPERTENSIVE AGENTS
(NO) RN given refers to parent cpd; structure

tiamulin
(RN) 55297-95-5
(RR) 55297-96-6 (fumarate[1:1] ((3aS-(3aalpha,4beta,5alpha,6alpha,8beta,9alpha,9abeta,10S*))-isomer)
(RR) 62859-27-2 (fumarate with unspecified isomeric designation)
(RR) 42301-75-7 (HCl with unspecified isomeric designation)
(SY) 2-(diethylaminoethyl)thioacetoxymutilin
(SY) dynamutilin
(SY) 81723 HFU
(SY) tiamutin
(HM) DITERPENES
(PA) ANTIBIOTICS
(NO) 81723 HFU and tiamutin are for fumarate salt; prevents senescence in ascomycete; pleuromutilin derivative; RN given refers to ((3aS-(3aalpha,4beta,5alpha,6alpha,8beta,9alpha,9abeta,10S*))-isomer; cpd without isomeric designation not in Chemline 7/83

tiamutin see tiamulin

tiapamil see dimeditiapramine

tiaprofenic acid
(RN) 33005-95-7
(RR) 59173-01-2 (Ca salt)
(SY) RU 15060
(SY) FC 3001
(SY) surgam
(HM) *PROPIONIC ACIDS
(PA) ANTI-INFLAMMATORY AGENTS
(PA) ANALGESICS, ANTI-INFLAMMATORY
(NO) RN given refers to parent cpd; structure

tiaprost
(RN) 62251-61-0
(RR) 63162-86-7
((1R-(1alpha(Z),2beta(1E,3S*),3alpha,5alpha))-isomer)
(RR) 70167-01-0
((1R-(1alpha(Z),2beta(1E,3R*),3alpha,5alpha))-isomer)
(SY) iliren
(HM) *THIOPHENES
(PA) PROSTAGLANDINS F, SYNTHETIC
(NO) RN given refers to (1alpha(Z),2beta(1E,3R*),3alpha,5alpha))-isomer; RN for cpd without isomeric designation not in Chemline 1/16/84

tiaramide
(RN) 32527-55-2
(RR) 35941-71-0 (mono-HCl)
(SY) NTA-194
(SY) solantal
(SY) FK 1160
(HM) *PIPERAZINES
(PA) BRONCHODILATOR AGENTS
(PA) ANALGESICS, ANTI-INFLAMMATORY
(NO) NTA-194, solantal, FK 1160 refer to mono-HCl salt; RN given refers to parent cpd; structure

Tiase see stepronin

tiazofurin
(RN) 60084-10-8
(RR) 61502-38-3 ((alpha-D)-isomer)
(SY) 2-ribofuranosylthiazole-4-carboxamide
(SY) NSC 286193
(SY) 2-beta-D-ribofuranosylthiazole-4-carboxamide
(SY) riboxamide
(HM) *RIBAVIRIN/analogs
(PA) ANTINEOPLASTIC AGENTS
(NO) RN given refers to (beta-D)-isomer; RN for cpd without isomeric designation not in Chemline 12/28/83; structure given in first source

tiazofurin adenine dinucleotide see thiazole-4-carboxamide adenine dinucleotide

tibalosin
(RN) 63998-61-8
(RR) 74029-12-2 (MF unknown)
(SY) 1,2,3-dihydro-5-benzo(b)thienyl-2-(4-phenylbutylamino)-1-propanol
(SY) tibalosine
(SY) CP 804-S
(SY) CP-804S
(HM) *PROPANOLAMINES
(PA) ADRENERGIC ALPHA RECEPTOR BLOCKADERS
(PA) ANTIHYPERTENSIVE AGENTS
(NO) structure given in first source

tibalosine see tibalosin

tibenzonium iodide
(RN) 54663-47-7
(SY) 2-methyldiethylaminoethyl-4-p-phenylthiophenyl- 3H-(1,5)benzodiazepine iodide
(SY) thiabenzonium iodide
(SY) Rec 15/0691
(SY) tibezonium
(HM) *BENZODIAZEPINES
(PA) ANTI-INFECTIVE AGENTS, LOCAL
(NO) Negwer reference is for tibenzonium hydroxide; structure

tibezonium see tibenzonium iodide

tibirox
(RN) 73173-12-3
(SY) cotetroxazine
(SY) sterinor
(SY) Co-tetroxazin
(SY) co-tetroxazine
(HM) *SULFADIAZINE
(HM) *PYRIMIDINES
(HM) DRUG COMBINATIONS
(PA) ANTI-INFECTIVE AGENTS, URINARY
(PA) ANTI-INFECTIVE AGENTS
(NO) each 5 ml (teaspoon) liquid or each tablet contains tetroxoprim 100 mg & sulfadiazine 250 mg

tibolone
(RN) 5630-53-5
(SY) Org OD 14
(HM) *NORPREGNENES
(II) ANABOLIC STEROIDS
(NO) used in prevention of postmenopausal osteoporosis

Ti-BZAC-Br2 see dibromobis(1-phenyl-1,3-butanedionato)titanium (IV)

Ti-BZAC-Cl2 see dichlorobis(1-phenyl-1,3-butanedionato)titanium (IV)

Ti-BZAC-F2 see difluorobis(1-phenyl-1,3-butanedionato)titanium (IV)

ticlopidine
(RN) 55142-85-3
(RR) 53885-35-1 (HCl)
(SY) 5-(2-chlorobenzyl)-4,5,6,7-tetrahydrothieno(3,2-c)pyridine
(SY) tieclopidine
(SY) 53-32C
(SY) 5-(o-chlorobenzyl)-4,5,6,7-tetrahydrothieno(3,2-c)pyridine hydrochloride
(SY) DE-4160
(SY) PCR 5332
(HM) *THIOPHENES
(PA) ANTICOAGULANTS
(NO) platelet aggregation inhibitor; RN given refers to parent cpd; structure

TiCl3 see titanium trichloride

TiCl4 see titanium tetrachloride

TIC mustard see imidazole mustard

ticonium
(RN) 64925-36-6
(RR) 39392-60-4 (Ticonium 100)
(SY) ticonium 100
(HM) *CHROMIUM ALLOYS
(II) DENTAL ALLOYS
(NO) composed of chromium, nickel, molybdenum, aluminum, iron, silicon & manganese

ticonium 100 see ticonium

tidazin
(RN) 74238-99-6
(HM) RECEPTORS, HISTAMINE H2/*drug eff
(NO) no other information available 7/21/81

tieclopidine see ticlopidine

tiemonium iodide
(RN) 144-12-7
(SY) visceralgine
(SY) N-methyl-N-(3-hydroxy-3-phenyl- 3-(alpha-thienyl)propyl)morpholinium iodide
(HM) *MORPHOLINES
(PA) PARASYMPATHOLYTICS

tienamycin see thienamycin

tienocarbin see tienocarbine

tienocarbine
(RN) 75458-65-0
(SY) tienocarbin
(HM) *INDOLES
(HM) *THIOPHENES
(NO) dopamine agonist; RN from USAN; RN not in Chemline 2/84; structure given in first source

tiflamizole
(RN) 62894-89-7
(SY) 4,5-bis(4-fluorophenyl)-2-((1,1,2,2-tetrafluoroethyl)sulfonyl)-1H-imidazole
(HM) *IMIDAZOLES
(PA) ANTI-INFLAMMATORY AGENTS
(NO) structure in first source

tiflorex see flutiorex

tifluadom
(RN) 83386-35-0
(SY) KC 5103
(SY) KC5103
(SY) 1-methyl-2-(3-thienylcarbonyl)aminomethyl-5-(2-fluorophenyl)-H-2,3-dihydro-1,4-benzodiazepine
(HM) *BENZODIAZEPINES
(II) RECEPTORS, ENDORPHIN
(NO) acts on opiate receptors; structure given in first source

tiformin
(RN) 4210-97-3
(SY) HL 523
(SY) Augmentin
(SY) tyformin
(SY) gamma-guanidinobutyramide
(HM) *GUANIDINES
(PA) HYPOGLYCEMIC AGENTS
(NO) has hypoglycemic activity & lowers blood urea levels in diabetics; RN in Chemline for HCl: 23256-39-5; do not confuse with Augmentin (antibacterial), a combination drug of amoxicillin & clavulanic acid; structure

TiF4 see titanium tetrafluoride

tiglic acid
(RN) 13201-46-2
(RR) 80-59-1 ((E)-isomer)
(RR) 565-63-9 ((Z)-isomer)
(SY) trans-2-methylcrotonic acid
(HM) *CROTONIC ACIDS
(NO) RN given refers to cpd without isomeric designation; structure

tiglyl CoA see tiglyl coenzyme A

tiglyl coenzyme A
(RN) 6247-62-7
(SY) methylcrotonyl CoA
(SY) tiglyl CoA
(HM) *ACYL COENZYME A

tiglylglycine
(RN) 35842-45-6
(HM) GLYCINE/*analogs
(NO) RN is from 9th CI

tilazol see CI-744

tilbroquinol
(RN) 7175-09-9
(SY) 7-bromo-5-methyl-8-quinolinol
(HM) *8-HYDROXYQUINOLINE/analogs
(NO) RN from USAN 1983; RN not in Chemline 7/29/83

tilcotil see Ro12-0068

tiliaflan
(HM) *PLANT EXTRACTS
(NO) from the flowers of lime trees; slightly inhibits formation of carcinogenic nitroso cpds

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tiliquinol see 5-methyl-8-hydroxyquinoline

tilorone analog IS-23 see IS 23

tilorone analog IS-33 see IS 33

timegadine
(RN) 71079-19-1
(SY) N-cyclohexyl-N'-(2-methyl-4-quinolinyl)-N"-2-thiazolylguanidine
(HM) *GUANIDINES
(PA) ANTI-INFLAMMATORY AGENTS
(NO) first source states that SR 1368 is synonym for cpd; SR 1368 is a different cpd in Chemline; structure given in first source

timentin
(RN) 86482-18-0
(SY) BRL 28500
(SY) BRL-28500
(HM) *TICARCILLIN
(HM) *CLAVULANIC ACIDS
(HM) DRUG COMBINATIONS
(PA) BETA-LACTAMASES/antag
(NO) combination of ticarcillin and clavulanic acid; used against gram-negative rods

timepidium bromide
(RN) 35035-05-3
(SY) SA-504
(SY) 5-methoxy-3-(1-methylpiperidylidene)di-(2-thienyl)methane methobromide
(HM) *PIPERIDINES
(PA) ANESTHESIA ADJUVANTS
(PA) PARASYMPATHOLYTICS
(NO) structure

timiperone
(RN) 57648-21-2
(SY) D 3480
(SY) 4'-fluoro-4-(4-(2-thioxo-1-benzimidazolinyl) piperidino)butyrophenone
(HM) *BUTYROPHENONES
(PA) BUTYROPHENONE TRANQUILIZERS
(NO) structure

Timodine
(HM) *NYSTATIN
(HM) *BENZALKONIUM COMPOUNDS
(HM) *SIMETHICONE
(HM) *HYDROCORTISONE, TOPICAL
(HM) DRUG COMBINATIONS
(PA) ANTIFUNGAL AGENTS
(NO) designed to treat napkin dermatitis

timoprazole
(RN) 57237-97-5
(HM) *BENZIMIDAZOLES
(NO) gastric acid secretion inhibitor

TIMP see collagenase inhibitor

tinazoline
(RN) 62882-99-9
(RR) 55107-60-3 (mono-HCl)
(SY) Go 7996B
(SY) 4,5-dihydro-2-(3-indolyl)mercaptoimidazole
(SY) varsyl
(SY) 3-(2-imidazolin-2-yl-thio)indole
(HM) *INDOLES
(PA) VASOCONSTRICTOR AGENTS
(NO) RN given refers to parent cpd; structure given in first source

tin chloride see stannous chloride

T4-induced UV endonuclease see UV endonuclease

tinestan see phentin acetate

tingenone
(RN) 50802-21-6
(SY) 20-decarboxy-20-oxocelastrol
(SY) maitenine
(HM) *TRITERPENES
(PA) ANTINEOPLASTIC AGENTS
(NO) quinonoid triterpene isolated from Euonymus tingens; structure

Ti-Ni see titanium nickelide

tinofedrin see tinofedrine

tinofedrine
(RN) 36702-83-7
(RR) 36702-84-8 (HCl)
(RR) 50776-39-1 (HCl(R-(R*,S*))-isomer)
(SY) (1-(3,3-di(thien-3-ylallyl)amino)ethyl)benzyl alcohol
(SY) D 8955
(SY) novocebrin
(SY) tinofedrin
(HM) *THIOPHENES
(PA) CARDIOVASCULAR AGENTS
(NO) D 8955 & novocebrin refer to HCl; RN given refers to parent cpd; structure

tinopal AN
(RN) 24260-77-3
(SY) uvitex AN
(HM) *BENZOXAZOLES
(PA) NADH DEHYDROGENASE/antag

tinostat see butynorate

tin oxide see stannic oxide

tin protoporphyrin IX
(RN) 14325-05-4
(SY) Sn protoporphyrin
(HM) *PROTOPORPHYRINS
(NO) ompetitive inhibitor of heme oxidation

tinuvin P see benazol P

tiocarlid see thiocarlide

tioconazole
(RN) 65899-73-2
(SY) UK 20,349
(HM) *IMIDAZOLES
(PA) ANTIFUNGAL AGENTS
(NO) structure

tiodazosin
(RN) 66969-81-1
(RR) 62412-39-9 (mono-HCl)
(SY) BL 5111
(SY) 4-amino-6,7-dimethoxy-2-4-(5-methylthio-1,3,4-oxadiazole-2-carbonyl)piperazin-1-yl quinazoline
(SY) BL 5111A
(HM) PRAZOSIN/*analogs
(PA) ANTIHYPERTENSIVE AGENTS
(PA) VASODILATOR AGENTS
(NO) BL 5111A is for mono-HCl; RN given refers to parent cpd; structure in third source

tiodazosin levulinate
(RN) 76798-65-7
(HM) PRAZOSIN/*analogs
(HM) *LEVULINIC ACIDS
(NO) tiodazosin compounded with levulinic acid

tiodonium chloride
(RN) 38070-41-6
(SY) DAPA
(SY) DH-164
(SY) DL 164
(HM) *THIOPHENES
(PA) ANTISEPTICS
(II) MOUTHWASHES
(NO) structure

tiopinac
(RN) 61220-69-7
(RR) 77625-78-6 (Na salt)
(HM) *DIBENZOTHIEPINS
(PA) ANTI-INFLAMMATORY AGENTS
(NO) RN given refers to parent cpd; structure in first source

tiorphan see thiorphan

tiotidine
(RN) 69014-14-8
(RR) 69014-16-0 (monofumarate)
(RR) 69014-15-9 (monomaleate)
(RR) 69014-18-2 (monotartrate((R,R)-(+))-isomer)
(RR) 69014-17-1 (mono-HCl)
(SY) 2-guanidino-4-(2-(2-cyano-3-methylguanidino) ethylthiomethyl)thiazole
(SY) ICI 125,211
(HM) CIMETIDINE/*analogs
(PA) HISTAMINE H2 RECEPTOR BLOCKADERS
(NO) UD gives slightly different structure for this cpd; RN given refers to parent cpd; structure in first source

tioxacin see tioxic acid

tioxaprofen see EMD 26 644

tioxic acid
(RN) 34976-39-1
(SY) tioxacin
(HM) *QUINOLINES
(PA) ANTI-INFECTIVE AGENTS
(NO) structure in second source

tioxidazole
(RN) 61570-90-9
(SY) methyl 6-n-propoxybenzothiazole-2-carbamate
(SY) Sch 21480
(HM) *THIAZOLES
(PA) ANTINEMATODAL AGENTS
(PA) ANTHELMINTICS
(NO) structure

tioxolon see thioxolone

Ti-PAPS see titanium 2-((5-bromopyridyl)azo)-5-(N-propyl-N-sulfopropylamino)phenol

tipindole
(RN) 7489-66-9
(RR) 27621-74-5 (unspecified HCl)
(RR) 14271-58-0 (mono-HCl)
(SY) typindol
(HM) *INDOLES
(PA) SEROTONIN/antag
(NO) RN given refers to parent cpd; structure

tiprenolol
(RN) 13379-86-7
(RR) 26488-22-2 ((-)-isomer)
(RR) 26481-51-6 ((+-)-isomer)
(RR) 39832-43-4 (HCl(+-)-isomer)
(SY) DU 21445
(SY) 1-isopropylamino-3-(2-methylthiophenoxy)propan- 2-ol
(HM) *PROPANOLAMINES
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS
(NO) RN given refers to parent cpd without isomeric designation; structure

tipropidil
(RN) 70895-45-3
(RR) 70895-39-5 (HCl)
(SY) MJ 12880-1
(SY) tipropidil hydrochloride
(SY) 1-(4-(1-methylethyl)thiophenoxy-3-(octylamino))-2-propanol
(HM) *SULOCTIDIL/analogs
(PA) VASODILATOR AGENTS
(NO) RN given refers to parent cpd

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tipropidil hydrochloride see tipropidil

TIPV see tyrosyl-isoleucyl-phenylalanyl-valine

tiquizium bromide see HSR 902

tiropramide
(RN) 55837-29-1
(SY) CR 605
(HM) TYROSINE/*analogs
(PA) PARASYMPATHOLYTICS

tisocromide
(RN) 35423-51-9
(SY) impavido
(SY) 16-2443
(SY)
(4-dimethylamino-4-methylpentyl-2-carbamoyl)-6,7-dimethoxy-1-thioisochroman 1,1-dioxide
(HM) *OXATHIINS
(PA) ANTIDEPRESSIVE AGENTS
(NO) structure

tisopurine see thiopurinol

Tissecl
(HM) *KALLIKREIN-TRYPSIN INACTIVATOR
(HM) *FIBRINOGEN
(HM) *THROMBIN
(HM) *CALCIUM CHLORIDE
(HM) DRUG COMBINATIONS
(II) TISSUE ADHESIVES
(NO) used for skin graft adhesion; consists of fibrinogen, Aprotinin, thrombin & calcium chloride

Tissucol see fibrinogen adhesive

tissue factor related antigen see human tissue factor related antigen

tissue inhibitor of metalloproteinases see collagenase inhibitor

tissue kallikrein
(RN) EC 3.4.21.35
(SY) glandular kallikrein
(SY) protease A (submandibular)
(SY) beta-nerve growth factor endopeptidase
(SY) submandibular proteinase A
(HM) *KALLIKREIN

tissue polypeptide antigen
(HM) *PEPTIDES
(II) ANTIGENS
(II) ANTIGENS, NEOPLASM

titanium alloy (TiAl6V4)
(RN) 12743-70-3
(SY) Ti6Al4V
(SY) Ti-6Al-V4 alloy
(SY) Protasul-64WF alloy
(HM) *TITANIUM
(II) ALLOYS
(NO) used for internal fixation of fractures; contains in addition to titamium, aluminum, vanadium, iron, carbon, oxygen, nitrogen & hydrogen; meets requirement of ASTM specification F136-70

titanium 2-((5-bromopyridyl)azo)-5-(N-propyl-N-sulfopropylamino)phenol
(SY) Ti-PAPS
(HM) *AZO COMPOUNDS
(HM) *TITANIUM
(II) DYES

titanium dioxide
(RN) 13463-67-7
(RR) 1317-80-2 (rutile)
(RR) 1317-70-0 (anatase)
(SY) anatase titanium dioxide
(SY) rutile
(SY) anatase
(HM) *TITANIUM
(II) WATER POLLUTANTS, CHEMICAL
(NO) used medically as protectant against externally caused irritation & sunlight; high concns of dust may cause irritation to respiratory tract; RN given refers to titanium oxide (TiO2); structure

titanium fluoride see titanium tetrafluoride

titanium(III) chloride see titanium trichloride

titanium III citrate see citric acid

titanium-mercury alloy
(RN) 59124-33-3
(SY) mercury-titanium alloy
(HM) *ALLOYS

titanium nickelide
(RN) 12035-60-8
(RR) 12142-89-1 (1:2)
(SY) Ti-Ni
(SY) nickel-titanium alloy
(SY) Ni-Ti
(HM) *TITANIUM
(HM) *NICKEL
(II) ALLOYS
(II) DENTAL ALLOYS
(NO) alloy of titanium and nickel used for bone fractures; RN given refers to 1:1 alloy

titanium nitride
(RN) 11116-16-8
(RR) 25583-20-4 (TiN)
(RR) 12169-08-3 (Ti2N)
(HM) *TITANIUM
(NO) RN given refers to unspecified MF

titanium tetrachloride
(RN) 7550-45-0
(RR) 60027-98-7 (48Ti,35Cl3,37Cl-labeled cpd)
(RR) 60027-92-1 (46Ti,35Cl4-labeled cpd)
(RR) 60027-96-5 (47Ti,35Cl4-labeled cpd)
(RR) 60027-95-4 (48Ti,35Cl4-labeled cpd)
(RR) 60027-97-6 (48Ti,37Cl4-labeled cpd)
(RR) 60027-94-3 (49Ti,35Cl4-labeled cpd)
(RR) 60027-93-2 (50Ti,35Cl4-labeled cpd)
(RR) 11130-18-0 (cpd with unspecified MF)
(SY) TiCl4
(HM) *TITANIUM
(NO) RN given refers to TiCl4

titanium tetrafluoride
(RN) 7783-63-3
(SY) TiF4
(SY) titanium fluoride
(HM) *TITANIUM
(HM) *FLUORIDES

titanium trichloride
(RN) 7705-07-9
(RR) 11130-18-0 (cpd with unspecified MF)
(SY) titanium(III) chloride
(SY) TiCl3
(HM) *TITANIUM

titanocene dichloride
(RN) 1271-19-8
(SY) dichlorobis(eta(5)-cyclopentadienyl)titanium(IV)
(HM) *ORGANOMETALLIC COMPOUNDS
(HM) *TITANIUM
(PA) ANTINEOPLASTIC AGENTS
(NO) has cytostatic activity; structure

titanoreine
(HM) *TITANIUM
(HM) *ZINC OXIDE
(HM) *CARRAGEENAN
(HM) DRUG COMBINATIONS
(II) SUPPOSITORIES
(NO) suppository containing carrageenan, titanium oxide, zinc oxide, talc & excipient semisynthetic glycerides

titan yellow
(RN) 1829-00-1
(SY) thiazol yellow G
(HM) *TRIAZENES
(II) DYES
(NO) RN given refers to di-Na salt; RN for parent cpd not in Chemline 4/85

titin see connectin

titin 1 see connectin

titin 2 see connectin

Tityus serrulatus serrulatus toxin receptor see scorpion toxin receptor

tityustoxin
(RN) 39465-37-7
(HM) *SCORPION VENOMS
(II) NEUROTOXINS

tityustoxin receptor see scorpion toxin receptor

tixocortol
(RN) 61951-99-3
(HM) HYDROCORTISONE/*analogs
(NO) 21-thiol derivative of hydrocortisone

tixocortol pivalate
(RN) 55560-96-8
(SY) JO-1016
(SY) Pivalone
(SY) 11 beta,17-dihydroxy-21- mercaptopregn-4-ene-3,20-dione pivalate
(SY) JO 1016
(HM) HYDROCORTISONE/*analogs
(PA) ANTI-INFLAMMATORY AGENTS, TOPICAL
(NO) used in drug therapy of allergic rhinitis, structure

tizanidine see DS 103-282

tizolemid see tizolemide

tizolemide
(RN) 56488-58-5
(RR) 56488-57-4 (mono-HCl)
(RR) 59814-29-8 (monomaleate)
(RR) 59814-27-6 (monoformate)
(RR) 59814-18-5 (mono-HBr)
(RR) 59814-25-4 (monomesylate)
(SY) HOE 740
(SY) tizolemid
(HM) *SULFONAMIDES
(PA) DIURETICS, SULFAMYL
(NO) HOE 740 refers to mono-HCl; RN given refers to parent cpd; structure in first source

TI 233 see Tl-233

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TI-233
(RN) 72561-48-9
(RR) 74133-54-3 (diacetate(S)-isomer)
(SY) 4-isopropyl-1-(N(2)-(5,6-dimethylaminonaphthalene-1-sulfonyl-L-arginyl) piperidine
(SY) 4-tert-butyl-1-(N(2)-(5-dimethylaminonaphthalene-1-sulfonyl-L-arginyl) piperidine
(SY) TI 233
(HM) ARGININE/*analogs
(PA) THROMBIN/antag
(PA) CALMODULIN/antag
(NO) synonym (#1 above) given in first source does not agree with structure also given in first source; RN given refers to parent cpd without isomeric designation; RN in Chemline for structure shown in 1st source; synonym 1 given in first source is wrong (ie 5,6-dimethylamino should be 5-dimethylamino); structure given in first source

TKDPE see tetrakis(4-(dimethylamino)phenyl)ethylene

T-kinin
(RN) 86030-63-9
(SY) isoleucyl-seryl-bradykinin
(SY) Ile-Ser-Arg-Pro-Pro-Gly-Phe-Ser-Pro-Phe-Arg
(HM) BRADYKININ/*analogs
(NO) from rat plasma

TKP see threonyl-lysyl-proline

TK 117
(SY) TK-117
(HM) FLUORODEOXYURIDINE/*analogs
(PA) ANTINEOPLASTIC AGENTS
(NO) structure given in first source

TK-117 see TK 117

TK-5477 see bis-A-TDA

Tla antigens
(SY) antigens, Tla
(HM) *ANTIGENS, SURFACE
(II) HISTOCOMPATIBILITY COMPLEX
(NO) found on cell surface of thymocytes

TL antigen see thymus-leukemia antigens

TL-antigens see thymus-leukemia antigens

1-TLCP see 1-(4-thiazolyl)-3-cyano-1-propanone

TLDA see differentiation antigens, T lymphocyte

TL-like antigens see thymus-leukemia antigens

TLME see N-tosyllysine methyl ester

TL 102 (pharmaceutical) see
2-(N,N-dipropyl)amino-5,6-dihydroxytetralin

T-lymphocyte-derived differentiation inducing factor see D-factor

T-lymphocyte-derived erythroid-potentiating activity see erythroid-potentiating activity

T lymphocyte differentiation antigen T(4), human see differentiation antigens, T lymphocyte

T lymphocyte differentiation antigen T(5), human see differentiation antigens, T lymphocyte

TL-333 see
N-ethyl-6,7-dihydroxyoctahydrobenzo(g)quinoline

TL 333 see
N-ethyl-6,7-dihydroxyoctahydrobenzo(g)quinoline

TL 350
(SY) TL-350
(HM) *INDOLES
(NO) structure given in first source

TL-350 see TL 350

TL 99 see TL-99

TL-99
(RN) 66543-77-9
(SY) 6,7-dihydroxy-2-dimethylaminotetralin
(SY) 2-(NN-dimethyl)amino-6,7-dihydroxy-1,2,3,4-tetrahydronaphthalene
(SY) TL 99
(SY) 2-(N,N-dimethylamino)-6,7-dihydroxytetralin
(HM) *TETRAHYDRONAPHTHALENES

TMA-DPH see
1-(4-(trimethylamino)phenyl)-6-phenylhexa-1,3,5-triene

TMA-GMP see tetramethylammonium guanosine 5'-monophosphate

(TMA)(2)5'-GMP) see tetramethylammonium guanosine 5'-monophosphate

3-TMAMC see 3-trimethylaminomethylcatechol

TMAO reductase see trimethylamine dehydrogenase

3-TMAS see 3-thiomethylparacetamol

5'-TMA-THC see
5'-trimethylammonium-delta(8)-tetrahydrocannabinol

4,4',6-TMA see 4,4',6-trimethylangelicin

7,11,12-TMBA see 7,11,12-trimethylbenz(a)anthracene

TMBCTMCBCu see
tetrakis-mu-(trimethylamine-boranecarboxylato)-bis (trimethylamine-carboxyborane)dicopper (II)

TMBHA see N-(3-tolyl)-4-methoxybenzohydroxamic acid

TMBZ see 2,4,5-trimethoxybenzaldehyde

TMB 6 see TMB-6

TMB-6
(RN) 36488-80-9
(RR) 38310-28-0 (HCl)
(SY) 6-(N,N-diethylamino)hexyl 3,4,5-trimethoxybenzoate
(SY) TMB 6
(HM) GALLIC ACID/*analogs
(PA) ANTI-ARRHYTHMIA AGENTS
(NO) RN given refers to parent cpd

TMB 8 see TMB-8

TMB-8
(RN) 57818-92-5
(RR) 53464-72-5 (HCl)
(SY) 8-(N,N-diethylamino)octyl-3,4,5-trimethoxybenzoate
(SY) TM-8
(SY) TMB 8
(HM) GALLIC ACID/*analogs
(PA) CALCIUM CHANNEL BLOCKERS
(NO) intracellular calcium antagonist; RN given refers to parent cpd

TMCBN see tetramethylcyclobutadiene nickel

TM-3 dimer see 3,5,5-trimethyl-2-morpholinon-3-yl radical dimer

TMDO see 2-(7'-theophyllinemethyl)1,3-dioxolane

TMD-PGE2 see Ro 21-6937

TMDPT see tetramethyldipropylenetriamine

TMEA chloride see trimethylethylammonium

TMF
(HM) THIO-TEPA
(HM) METHOTREXATE
(HM) FLUOROURACIL
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above 3 cpds

TMGP see methyl beta-D-thiogalactopyranoside phosphate

3,4,6-TMG see 3,4,6-tri-O-methylglucose

TMHDP see
3,7,11,15-tetramethyl-2,4,6,10,14-hexadecapentaenoic acid

TMIF see tumor migration inhibition factor

2,4,5-TMI see 2,4,5-trimethylimidazole

TML-AGOR see
6-N-trimethyllysine-agalacto-orosomucoid

3,3,5,5-TM-limonene see 3,3,5,5-tetramethyllimonene

TM-lysine see 2,2,6,6-tetramethyllysine

TMMP-ERA see Ro 11-1430

TMMP ethyl ester see Ro 11-1430

TMMPPC see
N-(1H-tetrazol-5-yl)-4-methyl-6-(4-(methylamino) phenyl)-2-pyridinecarboxamide

T4 mot regulatory protein see gene proteins, viral

TMP-CoA-SL see
3-carboxy-2,2,5,5-tetramethylpyrrolidine-1-oxy- coenzyme A-thioester

TMPD oxidase see tetramethylphenylenediamine oxidase

TMPN see 2,2,6,6-tetramethyl-4-piperidinol-N-oxyl

TMPOCA see
2,2,5,5-tetramethyl-1-pyrrolidinyloxy-3-carboxylic acid

TMPOCHC see N-(2,2,6,6-tetramethylpiperidyl-1-oxyl) N'-(cyclohexyl)carbodiimide

TM-5 polymer see Toyobo TM 5

TMPTA see trimethylolpropane triacrylate

TMPTE see thymidine-8-methoxypsoralen tetramethylethylene diadduct

TMPTMA see trimethylolpropane trimethacrylate

TMPZ see tetramethylpyrazine

1,1,3,3-TMP see 1,1,3,3-tetramethoxypropane

3,3',5,5'-TMP see 3,3',5,5'-tetramethylbenzidine

TMR-ABT see tetramethylrhodamine alpha-bungarotoxin

TM 3 radical dimer see 3,5,5-trimethyl-2-morpholinon-3-yl radical dimer

TMRIA see tetramethylrhodamine iodoacetamide

TMSEA see 2-(trimethylsilyl)ethyl acetate

2-TMSE see 2-(trimethylsilyl)ethanol

TMSM see 3,3,4,4-tetramethylsuccinimide

TMSMA see 2-(trimethylsilyl)methyl acetate

1,1,1-TMSME see
1,1,1-tris(5-methoxysalicylaldiminomethyl)ethane

TMS-MNU see N-trimethylsilylmethyl-N-nitrosourea

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TMSN see tetramethylsuccinonitrile

TMS-19-Q see 3''-O-propionylleucomycin A5

TMTM see tetramethylthiuram monosulfide

TMV protein
(SY) tobacco mosaic virus protein
(SY) H protein (tobacco mosaic virus)
(SY) H protein (TMV)
(SY) 30K protein
(HM) *VIRAL PROTEINS

TM 3-12 see zwittergent 3-12

TM 723
(RN) 55077-30-0
(SY) acetyllactoylcholine-1,5-naphthalenedisulfonate
(SY) aclatonium napadisilate
(HM) ACETYLCHOLINE/*analogs
(PA) CHOLINERGIC AGENTS
(NO) similar in chem struct to kassein R, component of pueraria root (popular in China & Japan as crude drug)

TM-8 see TMB-8

TNAD(+) see thionicotinamide adenine dinucleotide

Tn antigen
(HM) *ANTIGENS, NEOPLASM
(NO) immediate precursor in biosynthesis of Thomsen-Friedenreich (T) antigen; present in about 90% of human carcinoma tissue; proposed as universal carcinoma marker

TN blood group see blood group TN

TnCDANZ see dansylaziridine-troponin C

TNEAS see
2-4-toluidinylnaphthalene-6-(N-beta-ethylamine) sulfonamide

TNH-D3 see 24,25,26,27-tetranor-23-hydroxyvitamin D3

TN-I see troponin I

TNO 6 see spiroplatin

TNO-6 see spiroplatin

TNP-Ado see
2',3'-O-(2,4,6-trinitrocyclohexadienylidine)adenosine

TNP-ADP see
2',3'-O-(2,4,6-trinitrocyclohexadienylidine)adenosine 5'-diphosphate

TNP-AECM-ficoll
(SY) trinitrophenyl-aminoethylcarboxymethyl ficoll
(HM) *FICOLL/analogs

TNPAL cholesterol see trinitrophenylaminolauryl cholesterol

TNPAL triglyceride see trinitrophenylaminolauryl triglyceride

TNP-AMP see
2',3'-O-(2,4,6-trinitrocyclohexadienylidine)adenosine 5'-monophosphate

TNP-ATP see 2',3'-O-(2,4,6-trinitro-cyclohexadienylidine) adenosine 5'-triphosphate

TnPBI see
2-n-propyl-4-4-tolylamino-1,2,3-benzotriazinium

TNP-BSA see trinitrophenyl-bovine serum albumin

TNP-Cap-DPPE see
N-(2,4,6-trinitrophenyl-6-N-aminocaproyl) dipalmitoylphosphatidylethanolamine

TNP-CMC see trinitrophenyl-carboxymethyl cellulose

TNPDA see tetranorprostanedioic acid

TNP-ficoll
(HM) *TRINITROBENZENES
(HM) *FICOLL/analogs

TNP-glucagon see N-trinitrophenylglucagon

TNP-GTP see
2',3'-O-(2,4,6-trinitrocyclohexadienylidene)guanosine 5'-triphosphate

TNPLCC see trinitrophenyllysine-13 cytochrome C

TNP-ovalbumin see trinitrophenyl-ovalbumin

TNPP see 3-(thymin-1'-yl)-2-propenal

TNP-polyacrylamide see trinitrophenyl polyacrylamide

TNP-poly-Lys-HRP see
trinitrophenyl-polylysine-horseradish peroxidase

Tn receptor
(SY) Tn receptors
(SY) receptor, Tn
(HM) *RECEPTORS, ANTIGEN
(II) ANTIGENS
(NO) in human red blood cells & platelets

Tn receptors see Tn receptor

Tn3 resolvase see transposase

TNS see 2-(4-toluidino)-6-naphthalenesulfonic acid

Tn-T see troponin-T

TNTAZB see 1,3,5-triazido-2,4,6-trinitrobenzene

Tn10 transposase see transposase

Tn3 transposase see transposase

Tn5 transposase see transposase

TN 16
(RN) 33016-12-5
(SY) TN-16
(SY) 3-(1-anilinoethylidene)-5-benzylpyrrolidine-2,4-dione
(HM) *PYRROLIDINONES
(PA) ANTINEOPLASTIC AGENTS
(NO) structure given in first source

TN-16 see TN 16

TOAC see
2,2,6,6-tetramethylpiperidine-N-oxide-4-amino-4-carboxylic acid

TOAP
(HM) THIOGUANINE
(HM) CYTARABINE
(HM) VINCRISTINE
(HM) PREDNISOLONE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

tobacco glycoprotein
(HM) *PHENOLS
(HM) *ANTIGENS
(II) MITOGENS
(II) GLYCOPROTEINS
(NO) from flue-cured tobacco leaves & cigarette smoke condensate; polyphenol containing antigen; mitogenic for arterial smooth muscle cells

tobacco mosaic virus protein see TMV protein

tobacco tar
(HM) *TARS
(II) TOBACCO

tobanum
(RN) 39563-28-5
(RR) 54247-25-5 (HCl)
(RR) 39563-24-1 (HCl(+)-isomer)
(RR) 39563-23-0 (HCl(+-)-isomer)
(SY) GYKI-41099
(SY) 1-(2,5-dichlorophenoxy)-3-tertiary-butylamino-2-propanol
(HM) *PROPANOLAMINES
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS
(NO) tobanum is for (+-)-isomer, HCl salt; RN given refers to parent cpd

tobias acid see 2-naphthylamine-1-sulfonic acid

tobramycin adenylyltransferase
(RN) EC 2.7.7.-
(RR) 61260-80-8 (CRN)
(SY) aminoglycoside 4'-adenylyltransferase
(SY) aminocyclitol adenylyltransferase
(SY) aminoglycoside 4,4''-adenylyltransferase
(HM) *NUCLEOTIDYLTRANSFERASES
(NO) substrate aminoglycosides may be replaced by specific antibiotics

tocainide
(RN) 41708-72-9
(RR) 35891-93-1 (mono-HCl)
(SY) W 36095
(SY) 2-amino-2',6'-propionoxyxylidide
(HM) LIDOCAINE/*analogs
(PA) ANTI-ARRHYTHMIA AGENTS
(NO) lidocaine analog; RN given refers to parent cpd; structure

tocainide carbamoyl O-beta-glucuronide
(RN) 73025-66-8
(SY) tocainide CBG
(HM) LIDOCAINE/*analogs
(NO) tocainide metabolite; structure given in first source

tocainide CBG see tocainide carbamoyl O-beta-glucuronide

Tochigi II plasminogen
(SY) Nagoya plasminogen
(HM) *PLASMINOGEN
(II) PEPTIDE FRAGMENTS
(NO) alanine replaced by threonine at position 55 on plasmin light chain variant

tocinamide
(RN) 13018-33-2
(SY)
6-L-cysteinamide-7-de-L-proline-8-de-L-leucine-9-deglycinamideoxytocin
(HM) OXYTOCIN/*analogs
(NO) oxytocin analog containing the oxytocin ring without the side chain; amide of tocinoic acid; minor descriptor (75-82); online & Index Medicus search OXYTOCIN/AA (75-82)

tocopherol oxidase
(RN) EC 1.-
(HM) *OXIDOREDUCTASES

tocopherolquinone see tocopherylquinone

tocopheryl acetate see vitamin E acetate

tocopheryl nicotinate see alpha-tocopheryl nicotinate

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tocopherylquinone
(RN) 7559-04-8
(RR) 78419-32-6 (((3R*,7R*,11R*)-(+-))-isomer)
(SY) 2-(3-hydroxy-3,7,11,15-tetramethylhexadecyl)- 3, 5,6-trimethyl-1,4-benzoquinone
(SY) eutrophyl
(SY) tocopherolquinone
(SY) alpha-tocopherolquinone
(SY) alpha-tocopherol quinone
(SY) vitamin E quinone
(HM) VITAMIN E/*analogs
(PA) ANTIHYPERTENSIVE AGENTS
(NO) RN given refers to (3R-(3R*,7R*,11R*))-isomer; RN for cpd without isomeric designation not in Chemline 7/83; structure

tocotrienols
(HM) VITAMIN E/*analogs
(II) ANTIOXIDANTS
(NO) RN in Chemline for alpha-tocotrienol: 1721-51-3; beta-tocotrienol: 490-23-3; gamma-tocotrienol: 14101-61-2; delta-tocotrienol: 25612-59-3

TOCP see tri-o-cresyl phosphate

toe ash see bone ash

TOFA see RMI 14514

tofenacin
(RN) 15301-93-6
(RR) 10488-36-5 (mono-HCl)
(SY) tofenacine
(SY) demethylorphenadrine
(SY) elamol
(SY) N-methyl-2-(o-methyl-alpha-phenylbenzyloxy) ethyl amine
(HM) ORPHENADRINE/*analogs
(PA) ANTIPARKINSON DRUGS
(PA) PARASYMPATHOLYTICS
(NO) RN given refers to parent cpd; structure

tofenacine see tofenacin

tofisopam
(RN) 22345-47-7
(SY) grandaxin
(SY) tofizopam
(SY) EGYT-341
(HM) *BENZODIAZEPINES
(PA) BENZODIAZEPINE TRANQUILIZERS
(PA) ANTIDEPRESSIVE AGENTS
(NO) structure

toftzopam see tofisopam

tofu see soy proteins

tofyl-CoA see 5-(tetradecyloxy)-2-furoyl-coenzyme S

togal
(RN) 8064-38-8
(HM) *QUININE
(HM) *LITHIUM
(HM) *ASPIRIN
(HM) DRUG COMBINATIONS
(PA) ANALGESICS, ANTI-INFLAMMATORY
(NO) contains 1.5 mg quinine.di-HCl, 42 mg lithium citrate, 250 mg acetylsalicylic acid

TOK see nitrofen

tolbutamide carboxylic acid see carboxytolbutamide

tolcaine see lotucaine

tolciclate
(RN) 50838-36-3
(SY) O-(1,2,3,4-tetrahydro-1,4-methanonaphthalen-6-yl) m-N-dimeti.ylthiocarbanilate
(SY) KC 9147
(HM) *THIOCARBAMATES
(PA) ANTIFUNGAL AGENTS
(NO) structure

Toledo-Pereyra II
(SY) TP-II solution
(HM) *HYPERTONIC SOLUTIONS
(II) COLLOIDS
(NO) hyperosmolar colloid solution of 520mOsm/l. for prolonged hypothermic storage of canine kidneys

tolerin
(RN) 57125-68-5
(HM) ENDOTOXINS/*rad eff
(NO) endotoxin detoxified by irradiation

Tolerogen
(HM) *IMMUNOSUPPRESSIVE AGENTS
(NO) no other information available 5/4/81

tolfenamic acid
(RN) 13710-19-5
(SY) clotame
(SY) N-(3-chloro-o-tolyl)anthranilic acid
(SY) GEA 6414
(SY) N-(3-chloro-2-methylphenyl)anthranilic acid
(HM) *ANTHRANILIC ACIDS
(PA) PROSTAGLANDIN ANTAGONISTS
(PA) ANALGESICS, ANTI-INFLAMMATORY
(PA) ANALGESICS
(NO) structure

o-tolidine see 2-tolidine

tolidine blue see 2-tolidine

2-tolidine
(RN) 119-93-7
(RR) 7563-59-9 (unspecified HCl)
(RR) 612-82-8 (di-HCl)
(RR) 41766-75-0 (di-HF)
(RR) 41766-77-2 (hexa-HF)
(RR) 41766-76-1 (tetra-HF)
(RR) 38668-39-2 (perchlorate)
(RR) 34479-91-9 (ion perchlorate)
(SY) 3,3'-dimethylbenzidine
(SY) o-tolidine
(SY) tolidine blue
(HM) *BENZIDINES
(NO) RN given refers to parent cpd; structure

tollpomycins see tolypomycin Y

tolmesoxide
(RN) 38452-29-8
(SY) 4,5-dimethoxy-o-tolyl methylsulfoxide
(SY) RX 71107
(HM) *SULFOXIDES
(PA) ANTIHYPERTENSIVE AGENTS
(PA) VASODILATOR AGENTS
(NO) structure

tolnidamine
(RN) 50454-68-7
(SY) AF 1923
(HM) *INDAZOLES
(PA) ANTISPERMATOGENIC AGENTS
(NO) structure given in first source

tolonidine
(RN) 4201-22-3
(RR) 4201-23-4 (unspecified nitrate)
(RR) 56360-30-6 (mono-HCl)
(RR) 57524-15-9 (mono-nitrate)
(SY) 2-(2-chloro-p-toluidino)-2-imidazoline nitrate
(HM) CLONIDINE/*analogs
(NO) RN given refers to parent cpd; structure

toloxatone
(RN) 29218-27-7
(SY) (3-methyl)-3-phenyl-5-hydroxymethyl-2-oxazolidinone
(HM) *OXAZOLES
(PA) ANTIDEPRESSIVE AGENTS
(PA) MONOAMINE OXIDASE INHIBITORS
(NO) oxazolidinone derivative; psychotropic drug; structure

1-(2-toloxy)-3-(2,2,5,5-tetramethylpyrrolidin-1-yl) propan-2-ol see lotucaine

tolpropamine
(RN) 5632-44-0
(RR) 3339-11-5 (HCl)
(SY) Pragman
(SY) N,N-dimethyl-3-phenyl-3-(p-tolyl)propylamine
(SY) N,N-4-trimethyl-gamma-phenylbenzenepropan
(HM) *PROPYLAMINES
(HM) BENZHYDRYL COMPOUNDS
(PA) ANTIHISTAMINICS
(NO) RN given refers to parent cpd; structure

tolrestat
(RN) 82964-04-3
(SY) N-((5-(trifluoromethyl)-6-methoxy-1-naphthalenyl)thioxomethyl)-N-methylglycine
(SY) AY 27773
(SY) AY-27,773
(SY) N-5-trifluoromethyl-6-methoxy-1-thionaphthoyl-N-methylglycine
(HM) *NAPHTHALENES
(PA) ALDOSE REDUCTASE/antag
(NO) RN & structure given in first source; RN not in Chemline 4/84

o-toluanilide see 2-toluanilide

2-toluanilide
(RN) 7055-03-0
(SY) o-toluanilide
(HM) *ANILIDES
(PA) FUNGICIDES, INDUSTRIAL
(NO) structure given in first source

m-toluate see 3-toluic acid

toluate oxygenase see toluene dioxygenase

toluene-2-azonaphthol-2 see C.I. Solvent Orange 2

p-toluenediamine see 2,5-diaminotoluene

2,4-toluene diamine see 2,4-diaminotoluene

2,4-toluenediamine see 2,4-diaminotoluene

2,6-toluenediamine see 2,6-diaminotoluene

3,4-toluenediamine
(RN) 496-72-0
(SY) 2-aminotoluidine
(SY) 1-methyl-3,4-phenylenediamine
(SY) o-aminotoluidine
(HM) *PHENYLENEDIAMINES
(NO) structure

2,6-toluene-diisocyanate see 2,6-diisocyanatotoluene

toluene dioxygenase
(RN) EC 1.14.-
(SY) toluate oxygenase
(HM) *OXYGENASES
(NO) resolved into 3 protein components; maximum activity dependent on presence of ferrous iron & NADH; forms benzyl alcohol

toluene-3,4-dithiol see dithiol

2-toluenesulfonamide
(RN) 88-19-7
(SY) OTS
(SY) o-toluolsulfonamide
(SY) ortho-toluenesulphonamide
(HM) *TOSYL COMPOUNDS
(PA) CARCINOGENS
(NO) saccharin impurity; starting material for preparation of saccharin; structure

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4-toluenesulfonamide
(RN) 70-55-3
(RR) 66364-77-0 (6-(14)C-labeled cpd)
(RR) 18522-92-4 (mono-Na salt)
(RR) 29281-83-2 (mono-K salt)
(RR) 58052-38-3 (HCl)
(RR) 59102-22-6 (Hg(+2)[1:1] salt)
(RR) 55538-99-3 (Hg(+2)[2:1] salt)
(RR) 55538-98-2 (mono-Ag salt)
(SY) para-toluenesulphonamide
(SY) para-toluenesulfonamide
(HM) *TOSYL COMPOUNDS
(NO) RN given refers to parent cpd

p-toluene sulfonate see 4-toluene sulfonate

4-toluene sulfonate
(RN) 16722-51-3
(SY) p-toluene sulfonate
(HM) *TOSYL COMPOUNDS
(NO) RN given from Chemline refers to ion(1-); used to dissolve synaptosomal membrane proteins in organic solvents

p-toluenesulfonyl chloride see 4-toluenesulfonyl chloride

4-toluenesulfonyl chloride
(RN) 98-59-9
(SY) tosyl chloride
(SY) p-toluenesulfonyl chloride
(HM) *TOSYL COMPOUNDS
(PA) PROTEASE INHIBITORS

p-toluenesulfonyllysine methyl ester see N-tosyllysine methyl ester

N-(p-toluenesulfonyl)-5-methyl-delta(2)-pyrazoline-1-carbamide see SPC 703

m-toluic acid see 3-toluic acid

p-toluic acid see 4-toluic acid

3-toluic acid
(RN) 99-04-7
(RR) 68092-47-7 (Ba salt)
(RR) 68092-46-6 (Zn salt)
(RR) 68092-45-5 (Cd salt)
(SY) m-toluate
(SY) 3-methylbenzoic acid
(SY) m-toluic acid
(HM) *BENZOATES
(NO) RN given refers to parent cpd; structure

4-toluic acid
(RN) 99-94-5
(RR) 67874-52-6 (Ba salt)
(RR) 23292-93-5 (Zn salt)
(RR) 2420-97-5 (Cd salt)
(RR) 51936-73-3 (Ca salt)
(RR) 16518-25-5 (K salt)
(SY) p-toluic acid
(HM) *BENZOATES
(NO) RN given refers to parent cpd; structure

o-toluidine see 2-toluidine

p-toluidine see 4-toluidine

toluidine red
(RN) 2425-85-6
(HM) *AZO COMPOUNDS
(II) DYES

2-toluidine
(RN) 95-53-4
(RR) 636-21-5 (HCl)
(RR) 52217-45-5 (Li salt)
(RR) 41195-12-4 (perchlorate)
(RR) 36717-39-2 (sulfate)
(RR) 26915-12-8 ((ar)-isomer)
(SY) ortho-toluidine
(SY) o-toluidine
(HM) *TOLUIDINES
(PA) CARCINOGENS
(NO) RN given refers to parent cpd

4-toluidine
(RN) 106-49-0
(RR) 32954-54-4 (nitrate)
(RR) 14034-62-9 (tosylate)
(RR) 540-23-8 (HCl)
(RR) 50636-21-0 (mono-Li salt)
(RR) 42948-97-0 (ion(1+))
(RR) 56156-76-4 (Na salt)
(RR) 14796-13-5 (perchlorate)
(RR) 40999-66-4 (di-HF)
(RR) 67614-05-5 (HBr)
(SY) 4-aminotoluene
(SY) p-toluidine
(SY) para-toluidine
(HM) *TOLUIDINES
(NO) RN given refers to parent cpd

2-p-toluidino-6-naphthalenesulfonic acid see 2-(4-toluidino)-6-naphthalenesulfonic acid

2-(4-toluidino)-6-naphthalenesulfonic acid
(RN) 7724-15-4
(RR) 32752-10-6 (mono-K salt)
(SY) TNS
(SY) 2-p-toluidinylnaphthalene-6-sulfonate
(SY) 2-p-toluidino-6-naphthalenesulfonic acid
(HM) *NAPHTHALENESULFONATES
(PA) HYDROXYSTEROID DEHYDROGENASES/antag
(II) FLUORESCENT DYES
(NO) RN given refers to parent cpd; structure

2-4-toluidinylnaphthalene-6-(N-beta-ethylamine)sulfonamide
(RN) 89992-14-3
(SY) TNEAS
(HM) *TOLUIDINES
(II) FLUORESCENT DYES
(NO) fluorescent probe for active site of trypsin; structure given in first source

2-p-toluidinylnaphthalene-6-sulfonate see 2-(4-toluidino)-6-naphthalenesulfonic acid

6-(4-toluidinyl)naphthalene-2-sulfonate see 2-(4'-maleimidylanilino)naphthalene-6-sulfonic acid

o-toluolsulfonamide see 2-toluenesulfonamide

N-toluoyl piperidine
(RN) 28134-21-6
(HM) *PIPERIDINES
(II) INSECT REPELLENTS
(NO) effective repellent against Aedes aegypti(L) mosquitoes; RN given refers to cpd with unspecified methyl-locant on benzoyl group; see also record for R-228, the meta-methyl cpd

m-tolycarbamide see 3-tolylcarbamide

1-o-tolylazo-2-naphthol see C.I. Solvent Orange 2

o-tolylazo-o-tolylazo-beta-naphthol see Scarlet Red

2-tolylbiguanide
(RN) 93-69-6
(RR) 4751-99-9 (mono-HCl)
(SY) ortho-tolylbiguanide
(HM) *BIGUANIDES
(II) WATER POLLUTANTS, CHEMICAL
(NO) RN given refers to parent cpd

3-tolylcarbamide
(RN) 63-99-0
(SY) m-tolylurea
(SY) m-tolycarbamide
(HM) *PHENYLUREA COMPOUNDS
(PA) ANTICONVULSANTS
(NO) derivative of anticonvulsant phenylcarbamide; structure

N-3-tolyl-4-chlorobenzohydroxamic acid
(RN) 32939-57-4
(SY) 3-TCBHA
(HM) *HYDROXAMIC ACIDS
(II) INDICATORS AND REAGENTS
(NO) for extraction & spectrophotometric determination of bismuth

N-(4-tolyl)glycine-glycidyl methacrylate
(RN) 83418-59-1
(SY) NTG-GMA
(HM) *METHACRYLATES
(II) DENTAL CEMENTS
(NO) dental bonding material; structure given in first source

4-tolyl isocyanate
(RN) 622-58-2
(SY) para-tolyl isocyanate
(SY) tolyl mono-isocyanate
(HM) *CYANATES

N-(3-tolyl)-4-methoxybenzohydroxamic acid
(SY) TMBHA
(HM) *HYDROXAMIC ACIDS
(II) INDICATORS AND REAGENTS
(NO) reagent for determining vanadium in complex materials

tolyl mono-isocyanate see 4-tolyl isocyanate

m-tolylurea see 3-tolylcarbamide

tolypomycins see tolypomycin Y

tolypomycin Y
(RN) 23412-26-2
(SY) tolypomycins
(SY) tolipomycins
(HM) *RIFAMYCINS
(NO) naturally occurring ansamycin antibiotics

Tomanil see Tomanol

Tomanol
(RN) 8058-14-8
(SY) Tomanil
(HM) *PROPYLAMINES
(HM) *PHENYLBUTAZONE
(HM) DRUG COMBINATIONS
(PA) ANTI-INFLAMMATORY AGENTS
(PA) ANALGESICS, ANTI-INFLAMMATORY
(NO) contains isopryn & phebuzine

tomatidenol see solasodine

tomatidine
(RN) 77-59-8
(RR) 511-98-8 ((3beta,5alpha,22alpha,25R)-isomer)
(SY) 5 alpha,20 beta(F),22 alpha(F),25 beta(F),27-azaspirostan-3 beta-ol
(HM) *TOMATINE/analogs
(NO) RN given refers to (3beta,5alpha,22beta,25S)-isomer; RN for cpd without isomeric designation not in Chemline 7/83; structure

tomato lectin
(HM) *LECTINS
(NO) agglutinates human, mouse & sheep erythrocytes

tomato PIIF see proteinase inhibitor-inducing factor (tomato)

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tomato proteinase inhibitor-inducing factor see proteinase inhibitor-inducing factor (tomato)

tomaymycin
(RN) 35050-55-6
(HM) BENZODIAZEPINONES
(PA) ANTIBIOTICS
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) structure

TOMBC see tri-O-methyl-beta-cyclodextrin

tomicide
(RN) 74871-16-2
(SY) tomitsid
(SY) thomycide
(SY) thomicide
(HM) *ANTIBIOTICS
(NO) from Streptococcus, sp., Thom-1606; no other information available 9/5/80

tomisine see tomizine

tomitsid see tomicide

tomizine
(RN) 50602-44-3
(RR) 67189-80-4 (14C-labeled cpd mono-HCl)
(RR) 67189-81-5 (methoxy-14C-labeled cpd)
(RR) 60285-37-2 (8-(35)S-labeled cpd)
(RR) 60285-36-1 (8-(35)S-labeled cpd mono-HCl)
(SY) tomisine
(SY) 4-methoxy-6-aminopyrimido(4,5-b)(1,4)
(SY) 4-methoxy-6-aminopyrimido(4,5-b)(1,4)thiazine
(HM) *THIAZINES
(PA) FOLIC ACID ANTAGONISTS
(PA) ANTINEOPLASTIC AGENTS
(NO) RN given refers to HCl; parent cpd not in Chemline 7/83; structure

tomoxetine
(RN) 83015-26-3
(RR) 82857-40-7 (HCl(+-)-isomer)
(RR) 82857-39-4 (HCl(+)-isomer)
(RR) 82248-59-7 (HCl(-)-isomer)
(SY) LY 139603
(SY) N-methyl-gamma-(2-methylphenoxy) benzenepropanamine hydrochloride
(HM) *PROPYLAMINES
(PA) ANTIDEPRESSIVE AGENTS
(NO) selective inhibitor of noradrenaline reuptake; RN given refers to parent cpd(-)-isomer; RN for cpd without isomeric designation not in Chemline 8/84

tonazocine
(RN) 71461-18-2
(RR) 73789-00-1 (methanesulfonate salt(2alpha,6alpha,11S*)-(+-)-isomer)
(RR) 71425-44-0 (methanesulfonate salt(2alpha,6alpha,11S*)-(-)-isomer)
(RR) 71425-24-6 (methanesulfonate salt(2S-(2alpha,6alpha,11S*))-isomer)
(RR) 71425-22-4 (HCl(2alpha,6alpha,11S*)-(+-)-isomer)
(RR) 69979-60-8 ((2alpha,6alpha,11S*)-(-)-isomer)
(SY) Win 42156
(SY) WIN-42156
(HM) *AZOCINES
(PA) ANALGESICS, ADDICTIVE
(PA) NARCOTIC ANTAGONISTS
(NO) RN given refers to (2alpha,6alpha,11S*)-(+-)-isomer; RN for cpd without isomeric designation not in Chemline 6/85

TonB protein see gene proteins, bacterial

tonese see proxazole

Tonox see 4,4'-diaminodiphenylmethane

TOOS see N-ethyl-N-(2-hydroxy-3-sulfopropyl)-3-toluidine

toosendanin
(RN) 79304-40-8
(HM) *PLANT EXTRACTS
(PA) ANTINEMATODAL AGENTS
(PA) NEUROMUSCULAR BLOCKING AGENTS
(II) PLANTS, MEDICINAL
(NO) from the bark of Melia toosendan

2,2,5,5-TOPCA see 2,2,5,5-tetramethyl-1-oxy-3-pyrroline-3-carboxylic acid

Topicon see halopredone acetate

TOPO see trioctyl phosphine oxide

topostasin
(RN) 61806-10-8
(HM) *HEPARIN
(HM) *THROMBIN
(HM) DRUG COMBINATIONS
(NO) combination of above cpds

topterone
(RN) 60607-35-4
(SY) Win 17,665
(SY) 17-propyltestosterone
(HM) TESTOSTERONE/*analogs
(PA) ANDROGEN ANTAGONISTS
(NO) structure

Torak see dialifor

torasemide
(RN) 56211-40-6
(SY) 1-isopropyl-3-((4-m-toluidino-3-pyridyl) sulfonyl)urea
(HM) *SULFONAMIDES
(PA) DIURETICS, SULFAMYL

torecan see thiethylperazine maleate

Torpedo acetylcholine receptor, alpha-subunit 1-20
(SY) N-terminal region, alpha-subunit, Torpedo nicotinic acetylcholine receptor 1-20
(SY) TAChR 1-20
(HM) *RECEPTORS, NICOTINIC
(HM) *PEPTIDE FRAGMENTS
(II) TORPEDO
(NO) synthetic peptide corresponding to first 20 amino acids of N-terminal region of alpha subunit of Torpedo nicotinic acetylcholine receptor; amino acid sequence given in first source

Torrat
(RN) 72416-03-6
(SY) BM 02.004
(HM) *TRIMEPRANOL
(HM) HYDROCHLOROTHIAZIDE/*analogs
(HM) DRUG COMBINATIONS
(PA) ANTIHYPERTENSIVE AGENTS
(NO) contains trimepranol & butizide

Tos-Gly-Pro-Arg-p-nitroanilide see chromozym TH

Tos-Gly-Pro-Arg-pNA see chromozym TH

Tos-Gly-Pro-Lys-4-nitroanilide acetate see chromozym PL

tosiben
(RN) 486-79-3
(SY) 2,3-diacetoxybenzoic acid
(HM) *HYDROXYBENZOIC ACIDS

N-tosyl-L-arginine methyl ester esterase see tosylarginine methyl ester hydrolase

tosylarginine methyl ester hydrolase
(RN) EC 3.4.-
(SY) TAME hydrolase
(SY) TAME esterase
(SY) tryptase
(SY) esterase A2
(SY) N-tosyl-L-arginine methyl ester esterase
(SY) tamase
(SY) tamase-1
(HM) *PEPTIDE HYDROLASES
(NO) protease from sea urchin (Arbacia punctulata) eggs; fertilization in the sea urchin is accompanied by the release of this protease from eggs into the surrounding seawater; enzyme uses TAME as substrate; used as a measure of trypsin-like activity, tryptase activity is found in human lung mast cells

tosyl chloride see 4-toluenesulfonyl chloride

N-p-tosylglycine see N-4-tosylglycine

N-4-tosylglycine
(RN) 1080-44-0
(SY) N-p-tosylglycine
(HM) GLYCINE/*analogs
(NO) facilitates insulin release

tosyl-glycyl-prolyl-arginyl-p-nitroanilide see chromozym TH

tosyl-glycyl-prolyl-lysine-4-nitroanilide acetate see chromozym PL

N-tosyllysine methyl ester
(RN) 6072-04-4
(RR) 5266-48-8 (HCl(L)-isomer)
(SY) TLME
(SY) p-toluenesulfonyllysine methyl ester
(HM) LYSINE/*analogs
(NO) RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 7/83; TLME refers to HCl

5-tosyloxy-2-hydroxy-benzenesulfonate piperazine see suctosilic acid

totamine
(HM) *AMINO ACIDS
(NO) synthetic amino acid soln

TOTM see trioctyl trimellitate

TOTP see tri-o-cresyl phosphate

1,23,25-TOV see 1,23,25-trihydroxy-24-oxo-vitamin D3

Toxavit
(HM) *FORMALDEHYDE
(HM) *POLYMERS
(II) DENTAL PULP DEVITALIZATION
(NO) contains paraformaldehyde & an anesthetic component

toxic-shock toxin see enterotoxin F, Staphylococcal

Toximul MP8
(RN) 37341-79-0
(HM) *EMULSIONS
(NO) used as emulsifier for spraying trees with penitrothron & phosphamidon; has been implicated as causative agent of Reye's syndrome along with a viral agent

toxin alpha, cobra see alpha-cobratoxin

toxin I" (Androctonus australis Hector) see scorpion toxin I"

toxin I (Anemonia sulcata)
(RN) 60748-44-9
(SY) sea anemone toxin I
(SY) ATX I
(SY) SE toxin I
(SY) neurotoxic protein AX-I
(SY) Anemonia sulcata toxin I
(HM) *COELENTERATE VENOMS
(II) NEUROTOXINS
(II) SEA ANEMONES

toxin I, black mamba venom
(SY) black mamba venom toxin I
(SY) black mamba venom protein I
(HM) *ELAPID VENOMS

toxin K, black mamba venom
(SY) black mamba venom protein K
(HM) *ELAPID VENOMS
(PA) PROTEASE INHIBITORS

toxin F see snake venom neurotoxin F

toxin I" see scorpion toxin I"

toxin II (Anemonia sulcata)
(RN) 60748-45-0
(SY) sea anemone toxin II
(SY) SE toxin II
(SY) ATX II
(SY) Anemonia sulcata toxin II
(SY) anemonia toxin II
(HM) *COELENTERATE VENOMS
(PA) CARDIOTONIC AGENTS
(II) SEA ANEMONES
(II) NEUROTOXINS
(NO) toxic polypeptide closely related to anthopleurin A with potent cardiac stimulant activity from Anemonia sulcata

toxin II, Centruroides suffusus suffusus see Centruroides toxin

toxin III (Anemonia sulcata)
(RN) 60748-46-1
(SY) sea anemone toxin III
(SY) SETOXIN III
(SY) SE toxin III
(SY) ATX III
(SY) RTX III
(HM) *COELENTERATE VENOMS
(II) SEA ANEMONES
(NO) polypeptide with 27 amino acid residues; see also record for cytolysin III (Stoichactis helianthus)

toxin-LR
(HM) *MARINE TOXINS
(II) CYANOBACTERIA
(NO) leucine- & arginine-containing pentapeptide found in cyanobacterium Microcystis aeruginosa; induces atypical pulmonary thrombosis

toxin A (Pseudomonas)
(HM) *BACTERIAL TOXINS
(NO) from Pseudomonas aeruginosa; potent inhibitor of eukaryotic protein synthesis

toxin V
(SY) B140-1 scorpion venom
(HM) *SCORPION VENOMS
(NO) toxin from scorpion Centruroides sculpturatus Ewing venom

toxin VII
(SY) toxin VII (scorpion venom)
(HM) *SCORPION VENOMS
(NO) beta-toxin from Tityus serrulatus consisting of 61 amino acids

toxin VII (scorpion venom) see toxin VII

Toxocara excretory-secretory antigen
(SY) ES antigen, Toxocara
(HM) *ANTIGENS, HELMINTH
(II) TOXOCARA

toxofactor
(HM) *TOXINS
(II) TOXOPLASMOSIS, ANIMAL
(NO) glycoprotein MW 50,000-100,000; cell-free toxin-like material; important component in pathogenesis of congenital toxoplasmosis; toxic & teratogenic to mice

toxoflavin
(RN) 84-82-2
(SY) xanthothricin
(SY) 1,6-dimethylpyrimido(5,4-E)-as- triazine-5,7(1H, 6H)-dione
(HM) TRIAZINES
(HM) PYRIMIDINONES
(PA) ANTIBIOTICS
(NO) azapteridine antibiotic; structure

toxohormone
(RN) 9014-44-2
(SY) toxohormone-L
(HM) *ENDOTOXINS
(PA) CATALASE/antag
(PA) IMMUNOSUPPRESSIVE AGENTS
(II) *NEOPLASM PROTEINS
(NO) was minor descriptor (provisional) until 1974

toxohormone-L see toxohormone

toxoplasmin
(HM) *IMMUNE SERA
(II) TOXOPLASMOSIS/immunol
(NO) used in desensitization therapy of toxoplasmosis

toxopyrimidine
(RN) 73-67-6
(RR) 13100-57-7 (mono-HCl)
(RR) 15818-06-1 (unspecified HCl)
(SY) 2-methyl-4-amino-5-hydroxymethylpyrimidine
(SY) 2-M-4-A-5-HMP
(HM) *PYRIMIDINES
(NO) pyridoxine antagonist; RN given refers to parent cpd; structure

toxurazine
(RN) 88823-01-2
(HM) *ATRAZINE
(HM) *AMITROLE
(PA) PESTICIDES
(NO) combination of atrazine, amitrol & chlorinol; no other info available on chlorinol 6/22/83

Toyobo TM 5
(RN) 93907-68-7
(SY) TM-5 polymer
(HM) *POLYURETHANES
(II) BIOCOMPATIBLE MATERIALS
(NO) segmented polyether polyurethane similar to biomer

toyopearl HW-65C
(RN) 84862-07-7
(SY) toyopearl HW65C
(HM) *POLYMERS

toyopearl HW65C see toyopearl HW-65C

toyopearl HW-65F
(RN) 84932-18-3
(SY) toyopearl HW65F
(HM) *POLYMERS

toyopearl HW65F see toyopearl HW-65F

TPBE see 2,3-dihydro-8-(2-hydroxy-3-(4-(1-oxo-3-(3,4,5-trimethoxyphenyl)-2-propenyl)-1-piperazinyl)propoxy)-1,4-benzodioxin-5-carboxylic acid isopentyl ester

2-TPCB see 2-(2,4,5-trimethoxyphenyl)cyclobutylamine

TPCET see thymidylyl(3'-5')thymidine cyanoethyl ester

(Tp)4(Ch2)5Acr see 2-methoxy-6-chloro-9-aminoacridinyl-N-pentamethyler.e tetrathymidylic acid

TP compound B see Thormaehlen positive compound B

TPCPG see tropine phenylcyclopentylglycolate

TPEN see N,N,N',N'-tetrakis(2-pyridylmethyl)ethylenediamine

TPFBH see N,N',N'-tri(pentafluorobenzyl)histamine

TP-II
(SY) TP II solution
(HM) *POTASSIUM
(HM) *PHOSPHATES
(HM) *GLUCOSE
(II) GLUCOSE SOLUTION, HYPERTONIC
(II) COLLOIDS
(NO) hyperosmolar (520mOsm/L) colloid solution for kidney preservation; contains K2HPO4, KH2PO4, dextrose

TP-II solution see Toledo-Pereyra II

TP II solution see TP-II

TPIVPP see iron (III) alpha, alpha, alpha, alpha-tetrakis(2-pivalamidophenyl)porphyrin bromide

TP melanogens see Thormaehlen positive melanogens

Tp5meU see thymidylyl-(3'-5')-thymidine

TPNET-LRF see LHRH, N-Et-ProNH(2)(9)-Trp(6)-des-GlyNH(2)(10)-

TPP-ATP phosphoryltransferase see thiaminediphosphate kinase

TPPBS see tetrapropylenebenzyl sulfonate

TPPS see tetraphenylporphine sulfonate

TPP-SP-G
(HM) HEME/*analogs
(II) INTERCALATING AGENTS
(NO) structure given in first source

Tpre
(HM) *ANTIGENS, LY
(HM) *ALLOANTIGENS
(II) T LYMPHOCYTES/immunol
(NO) alloantigen encoded in the IgT-C region of chromosome 12

T-protein, glycine cleavage system see glycine synthase

T7 protocol
(HM) DACTINOMYCIN
(HM) BLEOMYCINS
(HM) CYCLOPHOSPHAMIDE
(HM) VINCRISTINE
(HM) METHOTREXATE
(HM) DOXORUBICIN
(HM) CITROVORUM FACTOR
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above 7 cpds

TPT see 9 alpha,11 alpha,15 alpha-trihydroxy-16-phenoxy-17,18, 19,20-tetranorprosta-4,5,13-trienoic acid

TPTF see triphenyltin fluoride

TPTPT see 9 alpha,11 alpha,15 alpha-trihydroxy-16-phenoxy-17,18, 19,20-tetranorprosta-4,5,13-trienoic acid

TP-1 see thymostimulin

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TP 32-49 see thymopoietin II octadecapeptide (32-49)

TP-5 see thymopoietin pentapeptide

Trabit see Ambene

tracazolate
(RN) 41094-88-6
(SY) ICI 136,753
(SY) ICI 136753
(SY) 4-butylamine-1-ethyl-6-methyl-pyrazolo(3,4) pyridine-5-carboxylic acid ethyl ester
(HM) *PYRAZOLES
(PA) TRANQUILIZING AGENTS, MINOR

trachyloban-19-oic acid
(RN) 26263-39-8
(HM) *DITERPENES
(PA) ANTI-INFECTIVE AGENTS
(NO) from sunflower Helianthus annuus L.; RN given refers to (4R,4aS,6aS,7aR,8S,8aR,9aR,9bS)-isomer; RN for cpd without isomeric designation not in Chemline 1/19/84

trafuril see thurfyl nicotinate

Traitement Spad see spad

TraJ protein
(SY) TraJ protein, E coli
(HM) *BACTERIAL OUTER MEMBRANE PROTEINS
(II) ESCHERICHIA COLI
(NO) E coli K-12 envelope protein; MW 24,000; participates in a mechanism of gene regulation; see also general term, bacterial envelope proteins

TraJ protein, E coli see TraJ protein

tramazoline
(RN) 1082-57-1
(RR) 3715-90-0 (mono-HCl)
(SY) KB 227
(SY) Biciron
(SY) 2-(5,6,7,8-tetrahydro-1-naphthylamino)-2-imidazoline
(HM) *IMIDAZOLES
(PA) VASOCONSTRICTOR AGENTS, NASAL
(NO) RN given refers to parent cpd; structure

TRAMPCO
(HM) THIOGUANINE
(HM) DAUNORUBICIN
(HM) CYTARABINE
(HM) METHOTREXATE
(HM) CYCLOPHOSPHAMIDE
(HM) VINCRISTINE
(HM) PREDNISOLONE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

TRAMPCOL
(HM) THIOGUANINE
(HM) DAUNORUBICIN
(HM) CYTARABINE
(HM) METHOTREXATE
(HM) PREDNISOLONE
(HM) CYCLOPHOSPHAMIDE
(HM) VINCRISTINE
(HM) ASPARAGINASE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above 8 cpds

tranilast see N-(3',4'-dimethoxycinnamoyl)anthranilic acid

transamidases
(RN) EC 2.3.2.-
(HM) *ACYLTRANSFERASES
(NO) substrate cadaverine may be replaced by putrescine as appr; incorporates putrescine and cadaverine into epidermal tissue during keratinization; forms epsilon-(gamma-glutamyl)lysine cross links; transglutaminases are specific transamidases

transaminase B see branched chain amino acid aminotransferase

transaminase C see alanine alpha-ketoisovalerate aminotransferase

transcarboxylase see methylmalonyl-CoA carboxyltransferase

N-(N-(L-3-transcarboxyoxirane-2-carbonyl)-L-leucyl)-3-methylbutylamine see E-64-c

transcobalamin receptor
(SY) receptor, transcobalamin
(SY) transcobalamin receptors
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) TRANSCOBALAMINS

transcobalamin receptors see transcobalamin receptor

transcription factor A
(HM) *TRANSCRIPTION FACTORS
(NO) 37,000 MW protein found in a 7S ribnucleoprotein particle of the previtellogenic oocytes of Xenopus laevis; binds to an intragenic transcriptional control region in the 5S RNA gene to initiate transcription

transcription factor IIIA see 5S gene-specific transcription factor

transcription factor S-II see RNA polymerase stimulatory factors

transcuprein see copper-binding protein

transdihydrolisuride see dironyl

transducin
(SY) transducin, alpha subunit
(HM) *MEMBRANE PROTEINS
(II) GUANINE NUCLEOTIDE REGULATORY PROTEIN
(NO) may be first amplified information-carrying intermediate in cyclic nucleotide cascade of vision; regulatory protein consisting of three kinds of polypeptide chains: T(alpha) (39,000 daltons), T(beta) (36,000 daltons), & T(gamma) (approximately 10,000 daltons)

transducin, alpha subunit see transducin

transferrin-binding proteins see transferrin receptor

transferrin-diphtheria toxin conjugate
(SY) diphtheria toxin-transferrin
(HM) TRANSFERRIN/*analogs
(HM) *DIPHTHERIA TOXIN
(NO) hybrid toxin of covalently coupled diphtheria toxin to transferrin

transferrin-horseradish peroxidase conjugate
(SY) transferrin-HPR
(HM) *TRANSFERRIN
(HM) *HORSERADISH PEROXIDASE

transferrin-HPR see transferrin-horseradish peroxidase conjugate

transferrin-membrane complexes see transferrin receptor

transferrin receptor
(SY) receptor, transferrin
(SY) transferrin-binding proteins
(SY) transferrin-membrane complexes
(SY) transferrin receptors
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) TRANSFERRIN

transferrin receptors see transferrin receptor

transfer RNA precursors
(SY) tRNA precursor
(SY) pre-tRNA
(HM) *NUCLEIC ACID PRECURSORS
(HM) *RNA, TRANSFER

transformation-associated protein see transforming factor

transformation associated protein p53 see phosphoprotein pp53

transforming factor
(SY) transforming growth factor
(SY) sarcoma growth factor
(SY) leukemia-derived growth factor
(SY) transforming growth factor beta
(SY) transforming growth factor alpha
(SY) tumor-derived growth factor
(SY) epidermal growth factor related transforming growth factor
(SY) transformation-associated protein
(HM) *PEPTIDES
(II) GROWTH SUBSTANCES
(II) NEOPLASM PROTEINS
(II) CELL TRANSFORMATION, NEOPLASTIC
(NO) small polypeptide produced by Kirsten murine sarcoma virus transformed cells which induces rat fibroblasts to behave as transformed cells; secreted by cultured cell lines of human tumor origin or cells transformed by various RNA tumor viruses; alpha competes with epidermal growth factor for binding to its cellular receptor; beta isolated from human placenta

transforming growth factor see transforming factor

transforming growth factor alpha see transforming factor

transforming growth factor beta see transforming factor

transforming proteins, viral see viral T proteins

transformylase see methionyl-tRNA formyltransferase

transpaseal
(HM) *ADHESIVES
(II) ORTHOPTICS/instrum
(NO) adhesive scattering material applied to spectacle lenses to produce partial occlusion during orthoptic treatment

transplatin
(RN) 14913-33-8
(SY) trans-diamminedichloroplatinum II
(SY) trans-DDP
(SY) trans-dichlorodiammineplatinum II
(HM) *CISPLATIN
(II) ISOMERISM
(NO) ineffective as antineoplastic agent; RN given refers to cpd with unspecified isomeric designation

transposase
(RN) EC 2.7.7.-
(SY) Tn3 transposase
(SY) Tn5 transposase
(SY) resolvase
(SY) gamma delta resolvase
(SY) Tn10 transposase
(SY) Tn3 resolvase
(HM) *NUCLEOTIDYLTRANSFERASES
(NO) involved in fusion of replicons of DNA into a different DNA site during transposition; 21,000 MW product of tnpR gene

Transvasin
(HM) *NIACIN
(HM) *SALICYLATES
(HM) *BENZOCAINE
(HM) DRUG COMBINATIONS
(PA) VASODILATOR AGENTS
(NO) combination of ethyl nicotinate, hexyl nicotinate, tetrahydrofurfuryl salicylate and benzocaine

TRAP see DCTP regime

Trasidrex
(HM) *CYCLOPENTHIAZIDE
(HM) *OXPRENOLOL
(HM) DRUG COMBINATIONS
(II) DELAYED ACTION PREPARATIONS
(NO) contains 160 mg oxprenolol.HCl in sustained-release formulation & 0.25 mg cyclopenthiazide; reduces diastolic pressure

trasylol, Arg(15)-
(SY) bovine pancreatic trypsin inhibitor, arginine (15)-
(SY) arginine-15-kallikrein-trypsin inactivator
(SY) Arg-15-PTI
(HM) *KALLIKREIN-TRYPSIN INACTIVATOR

TraTp
(HM) *BACTERIAL OUTER MEMBRANE PROTEINS
(II) ESCHERICHIA COLI
(NO) major outer membrane protein of E coli; specified by traT gene; MW 25,000; mediates bacterial resistance to complement & is responsible in part for plasmid surface exclusion

traumacel
(SY) polyuronic acid Ca salt
(SY) polyuronide
(SY) traumacel P
(HM) *URONIC ACIDS
(PA) HEMOSTATICS

traumacel P see traumacel

trausabun see melitracene

Travamulsion
(HM) *FAT EMULSIONS, INTRAVENOUS
(NO) phosphatide lipid emulsion from vascular compartment of dogs

Travase
(RN) EC 3.4.21.-
(SY) sultilains
(SY) sutilains
(HM) *SUBTILISINS
(NO) used in treatment of burns; derived from filtration of cultures of a strain of Bacillus subtilis

travasol
(RN) 65072-01-7
(SY) neopham
(SY) vaminolac
(SY) freamine
(SY) freamine III
(SY) vamin
(SY) vamin N
(SY) synthamin 17
(HM) *AMINO ACIDS
(II) INFANT FOOD
(NO) mixture of amino acids ; used for parenteral nutrition in infants; do not confuse with vamin RN 81099-37-8

travocort
(RN) 78940-01-9
(HM) DIFLUCORTOLONE/*analogs
(HM) MICONAZOLE/*analogs
(HM) DRUG COMBINATIONS
(PA) ANTIFUNGAL AGENTS
(NO) isoconazole & diflucortolone 21-valerate combination

travogen see isoconazole

traxanox
(RN) 70502-82-8
(RR) 70502-82-8 (HCl)
(SY) 9-chloro-5-oxo-7-(1H-tetrazol-5-yl)-5H-(1) benzopyrano(2,3-b)pyridine
(SY) Y-12,141
(SY) Y 12141
(SY) Y-12141
(SY) Y 12,141
(HM) *CHROMONES
(PA) HISTAMINE ANTAGONISTS
(PA) IMMUNOSUPPRESSIVE AGENTS
(NO) RN given refers to parent cpd; structure

trebenzomine
(RN) 23915-73-3
(RR) 23915-74-4 (HCl)
(SY) CI-686
(SY) N,N,2-trimethyl-3-chromanamine.HCl
(SY) CI 686
(HM) *CHROMANS
(PA) TRANQUILIZING AGENTS
(NO) RN given refers to parent cpd; structure

T3 receptors see triiodothyronine receptor

T4 receptors see thyroxine receptor

T4 receptor see thyroxine receptor

trehalase inhibitor SGI see deoxynojirimycin

trehalose monomycolate
(HM) *CORD FACTORS

trehalose-6-phosphate hydrolase see alpha, alpha-phosphotrehalase

trehalose 2-sulfate
(SY) alpha,alpha-trehalose 2-sulfate
(HM) *TREHALOSE/analogs
(NO) core carbohydrate of sulfatides of Mycobacterium tuberculosis; structure given in first source

trehalulose
(RN) 51411-23-5
(HM) *DISACCHARIDES
(NO) alpha-(1-1) linked disaccharide

tremarit see methixene

tremerogens A 9291 see A 9291 tremerogens

tremolite
(RN) 14567-73-8
(SY) calcium magnesium silicate hydrate
(HM) *SILICIC ACID
(NO) see also actinolite; structure

tremortin
(RN) 37203-49-9
(RR) 12627-35-9 (tremortin A)
(RR) 11076-67-8 (tremortin B)
(SY) penitrem A
(SY) penitrem B
(SY) penitrems
(SY) penitrem E
(HM) *MYCOTOXINS
(NO) tremorigenic toxin from Penicillium palitans & P.crustosum; RN given refers to cpd with unknown MF

trenbolone acetate
(RN) 49707-37-1
(RR) 10161-34-9 ((17beta)-isomer)
(SY) 17 beta-acetoxyestra-4,9,11-trien-3-one
(SY) trienbolone acetate
(HM) *TRENBOLONE/analogs
(II) ANABOLIC STEROIDS
(NO) RN given refers to cpd without isomeric designation; structure

trentadil see bamifylline

treosulfan
(RN) 299-75-2
(RR) 21106-06-9 ((R*,R*)-isomer)
(RR) 1947-62-2 ((R-(R*,R*))-isomer)
(RR) 299-74-1 (((R*,R*)-(+-))-isomer)
(RR) 13308-13-9 ((R*,S*)-isomer)
(SY) NSC 39069
(SY) L-dihydroxybusulfan
(HM) BUSULFAN/*analogs
(PA) ANTINEOPLASTIC AGENTS
(PA) ALKYLATING AGENTS
(NO) RN given refers to (S-(R*,R*))-isomer; RN for cpd without isomeric designation not in Chemline 7/83

anti-treponemal lymphotoxin
(HM) *LYMPHOTOXINS
(II) TREPONEMA PALLIDUM
(NO) MW 65,000; fully characterized; produced by spleen lymphocytes of syphilitic rabbit; not an anti-treponemal antibody; exerts a direct killing effect on Treponema pallidum

treponemycin
(HM) NITRILES
(PA) ANTIBIOTICS
(NO) isolated from Streptomyces albovinaceous; active against Treponema hyodysenteriae

trepress
(RN) 90992-24-8
(HM) *OXPRENOLOL
(HM) *CHLORTHALIDONE
(HM) *HYDRALAZINE
(HM) DRUG COMBINATIONS
(NO) antihypertensive combination of above cpds

treptilamine
(RN) 58313-75-0
(SY) N,N-diethyl-N-(2-(alpha-(tricyclo(2.2.1.0(2,6)) hept-3-ylidene)benzyloxy)ethylamine.HCl
(SY) Ethanamine, N,N-diethyl-2-(phenyltricyclo(2.2.1. 02,6)hept-3-ylidenemethoxy)-, hydrochloride
(HM) *ETHYLAMINES
(HM) *BRIDGED COMPOUNDS
(PA) PARASYMPATHOLYTICS
(NO) RN given refers to HCl; RN for parent cpd not in Chemline 7/83; structure

trequinsin
(RN) 79855-88-2
(RR) 78416-81-6 (HCl)
(SY) HL-725
(SY) 2,3,6,7-tetrahydro-9,10-dimethoxy-3-methyl-2-((2,4,6-trimethylphenyl)imino)-4H-pyrimido(6,1-a) isoquinolin-4-one, monohydrochloride
(SY) HL 725
(HM) *ISOQUINOLINES
(II) PLATELET AGGREGATION/drug eff
(NO) RN given refers to parent cpd; structure given in first source

Tresanil see trithiozine

trestatin
(RN) 86596-26-1
(SY) trestatin A
(SY) trestatin B
(SY) trestatin C
(HM) *TRISACCHARIDES
(PA) ALPHA-GLUCOSIDASES/antag
(NO) mixture of trestatin A,B,C with MW of 1435, 970 & 1901, respectively; principal chemical structure similar to that of acarbose; RN in Chemline for trestatin A: 71884-70-3; trestatin B: 71869-92-6; trestatin C: 71892-68-7

trestatin A see trestatin

trestatin B see trestatin

trestatin C see trestatin

tresyl chloride see 2,2,2-trifluoroethanesulfonyl chloride

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Trevalon see Trevalon universal

Trevalon universal
(RN) 79933-29-2
(SY) Trevlon universal
(SY) Trevalon
(HM) *POLYMETHYLMETHACRYLATE
(NO) heat cured acrylic

Trevlon universal see Trevalon universal

Trg protein (E coli)
(HM) *BACTERIAL PROTEINS
(NO) transducer protein from E coli; amino acid sequence given in first source

TRH-AN see pyroglutaminyl-seryl-leucinamide

TRH binding sites see thyrotropin releasing hormone receptor

TRH deamidase
(RN) EC 3.5.1.-
(SY) thyrotropin-releasing hormone deamidase
(HM) *AMIDOHYDROLASES

TRH-5-FI see thyrotropin releasing hormone 5-fluoroimidazole

TRH, 4-fluoroimidazole-
(SY) 4-trifluoroimidazole-TRH
(SY) 4-F-TRH
(SY) 4-fluoro-Im-TRH
(SY) thyrotropin releasing hormone, 4- fluoroimidazole-
(HM) *THYROTROPIN RELEASING HORMONE

TRH, 2-fluoromethylimidazole-
(SY) 2-TFM-TRH
(SY) 2-trifluoromethyl-Im-TRH
(SY) 2-trifluoromethylimidazole-thyrotropin releasing hormone
(HM) *THYROTROPIN RELEASING HORMONE

TRH-Gly
(RN) 41880-59-5
(SY) thyrotropin releasing hormone-glycine
(SY) pGlu-His-Pro-Gly
(HM) THYROTROPIN RELEASING HORMONE/*analogs

TRH-Gly-Lys-Arg
(RN) 89455-78-7
(SY) thyrotropin releasing hormone-glycyl-lysyl-arginine
(SY) pGlu-His-Pro-Gly-Lys-Arg
(HM) THYROTROPIN RELEASING HORMONE/*analogs

TRH hydrazide see TRH, Pro-hydrazide

TRH-OH see deamido-TRH

TRH, Pro-hydrazide
(RN) 60548-59-6
(RR) 77220-96-3 (di-HCl)
(SY) thyrotropin releasing hormone hydrazide
(SY) TRH hydrazide
(SY) TRH, Pro-NH-NH(2)
(HM) THYROTROPIN RELEASING HORMONE/*analogs
(NO) agonist of TRH; RN given refers to parent cpd

TRH, Pro-NH-NH(2) see TRH, Pro-hydrazide

TRH receptor see thyrotropin releasing hormone receptor

4-F-TRH see TRH, 4-fluoroimidazole-

Triac see 3,3',5-triiodothyroacetic acid

triacetonamine see Tempidon

triacetoxyanthracene see triacetyldithranol

3,4,6-tri-O-acetyl-1,5-anhydro-2-deoxy-D-arabino-hex-1-enitol see 3,4,6-tri-O-acetylglucal

triacetylanthra-1,8,9- triol see triacetyldithranol

2,3,4-tri-O-acetylarabinopyranosyl isothiocyanate
(RN) 62414-75-9
(RR) 57165-43-2 ((alpha-L)-isomer))
(RR) 57165-42-1 ((beta-D)-isomer))
(SY) AITC
(HM) *THIOCYANATES
(II) INDICATORS AND REAGENTS
(NO) RN given refers to (alpha-D)-isomer

1,3,5-triacetylbenzene tris (guanylhydrazone)
(RN) 87555-28-0
(RR) 87555-26-8 (tri-HCl)
(SY) 1,3,5-TBTGH
(HM) MITOGUAZONE/*analogs
(PA) TRYPANOCIDAL AGENTS
(NO) RN & structure from first source; RN given refers to parent cpd; RN not in Chemline 2/84

N,N',N''-triacetylchitotriose
(RN) 38864-21-0
(SY) N-acetylchiotriose
(SY) O-2-acetamido-2-deoxy-beta-D-glucopyranosyl-(1-4)-O-2-acetamido-2-deoxy-beta-D-glucopyranosyl-(1-4)-2-acetamido-2-deoxy-D-glucopyranose
(SY) tri(N-acetyl-D-glucosamine)
(HM) *TRISACCHARIDES
(NO) used for affinity chromatography of potato lectin when coupled to Sepharose; structure

triacetyldithranol
(RN) 16203-97-7
(SY) triacetoxyanthracene
(SY) triacetylanthra-1,8,9- triol
(SY) dithranol triacetate
(SY) dithranol triacetate
(SY) exolan
(HM) *ANTHRALIN/analogs
(PA) ANTIFUNGAL AGENTS
(PA) ANTI-INFECTIVE AGENTS, LOCAL

3,4,6-tri-O-acetylglucal
(RN) 2873-29-2
(SY) 3,4,6-tri-O-acetyl-1,5-anhydro-2-deoxy-D-arabino-hex-1-enitol
(HM) DEOXYGLUCOSE/*analogs
(NO) RN given refers to (D)-isomer with unspecified acetate locants; RN for cpd without isomeric designation with specified acetate locants not in Chemline 11/84

tri(N-acetyl-D-glucosamine) see N,N',N''-triacetylchitotriose

triacontane 3-(4-hydroxy-3-methoxyphenyl)-2-propenate see gamma-oryzanol

1-triacontanoyl-2-(pyren-1-yl)hexanoyl-sn-glycero-3-phosphocholine
(RN) 88555-56-0
(SY) C(30)PHPC
(HM) *PHOSPHATIDYLCHOLINES
(II) FLUORESCENT DYES
(NO) fluorescent substrate for phospholipase A2; structure given in first source

triacylglycerol
(HM) *TRIGLYCERIDES

triacylglycerol LDL see low density lipoprotein triglyceride

triacylglycerol VLDL see very low density lipoprotein triglyceride

triadenylyl-(2'-3')-adenylyl-cytidylic acid
(SY) ppp(A2'p)(3)A3'pCp
(SY) 2-3A-C
(HM) *OLIGORIBONUCLEOTIDES

triadimefon
(RN) 43121-43-3
(RR) 57052-16-1 (nitrate)
(RR) 57052-15-0 (sulfate)
(SY) Bayleton
(HM) *TRIAZOLES
(PA) FUNGICIDES, INDUSTRIAL
(NO) RN given refers to parent cpd

(tri-Ala)isonicotinic acid hydrazide see N-(alanyl-alanyl-alanyl)isonicotinic acid hydrazide

tri-L-alanine see alanyl-alanyl-alanine

N-(trialanyl)isonicotinic acid hydrazide see N-(alanyl-alanyl-alanyl)isonicotinic acid hydrazide

triam see 3,3',5-triiodothyronamine

triamcinolone acetonide 21-oic acid methyl ester
(SY) TA oic methyl ester
(HM) TRIAMCINOLONE ACETONIDE/*analogs
(PA) ANTI-INFLAMMATORY AGENTS
(NO) potent local anti-inflammatory steroid without detectable systemic effects; structure given in first source

triamcinolone acetonide 21-palmitate
(SY) TCA 21-P
(HM) TRIAMCINOLONE ACETONIDE/*analogs

triamcinolone acetonide receptor
(SY) receptor, triamcinolone acetonide
(SY) triamcinolone acetonide receptors
(HM) *RECEPTORS, GLUCOCORTICOID
(II) TRIAMCINOLONE ACETONIDE

triamcinolone acetonide receptors see triamcinolone acetonide receptor

triamcinolone 16,17-cyclopentylidenedioxy-21-acetate see amcinonide

triamcinolone diacetate
(RN) 67-78-7
(SY) Polcortolon
(SY) polcartolone
(HM) TRIAMCINOLONE/*analogs
(PA) LYSYL OXIDASE/antag
(NO) lysyl oxidase antagonist; Polcortolon may also refers to triamcinolone

triamcinolone hexacetonide
(RN) 5611-51-8
(SY) 9-fluoro-11 beta,16 alpha,17,21-tetrahydroxypregna-1,4-diene-3,20-dione cyclic 16,17-acetal with acetone, 21-(3,3- dimethylbutyrate)
(SY) Aristospan
(HM) TRIAMCINOLONE ACETONIDE/*analogs
(PA) ANTI-INFLAMMATORY AGENTS, TOPICAL
(NO) structure

Triaminicin
(HM) *PHENYLPROPANOLAMINE
(HM) *CHLORPHENIRAMINE
(HM) *ASPIRIN
(HM) DRUG COMBINATIONS
(NO) combination of above 3 cpds & caffeine

2,4,5-triamino-6-hydroxypyrimidine see 6-hydroxy-2,4,5-triaminopyrimidine

2,4,6-triaminopyridinium
(HM) *PYRIDINIUM COMPOUNDS
(NO) see also 2,4,6-triaminopyrimidine (RN 1004-38-2)

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2,4,6-triaminopyrimidine
(RN) 1004-38-2
(HM) *PYRIMIDINES
(NO) see also 2,4,6-triaminopyridinium (cation)

2,5,6-TRIAMINO-4-PYRIMIDINONE see 6-hydroxy-2,4,5-triaminopyrimidine

2,4,6-triamino-s-triazine see melamine

triampur (combination) see dyazide

triampur compositum see dyazide

triarimol
(RN) 26766-27-8
(SY) EL-273
(HM) *PYRIMIDINES
(PA) FUNGICIDES, INDUSTRIAL

1,3,5-triazido-2,4,6-trinitrobenzene
(RN) 29306-57-8
(SY) TNTAZB
(HM) *TRINITROBENZENES
(HM) *AZIDES
(II) FLUORESCENT DYES
(NO) structure given in first source

triazinate
(RN) 41191-04-2
(SY) NSC 139105
(SY) Baker's Antifol
(SY) Baker's Antifolate
(SY) alpha-(2-chloro-4-(4,6-diamino-2,2-dimethyl-s-trizin-1(2H)-yl)phenoxy)-N,N-dimethyl-m- toluamide ethanesulfonic acid
(HM) *TRIAZINES
(PA) FOLIC ACID ANTAGONISTS
(PA) ANTINEOPLASTIC AGENTS
(NO) structure

1,3,5-triazine-2,4,6-triamine see melamine

s-triazine trichloride see cyanuric chloride

s-triazine-2,4,6-triol see cyanuric acid

1,2,4-triazolethione see mercaptotriazole

1,2,4-triazole
(RN) 288-88-0
(RR) 37306-44-8 (cpd with unspecified locants)
(RR) 41253-23-0 (K salt)
(HM) *TRIAZOLES
(NO) RN given refers to 1H-1,2,4-triazole

triazulenone
(RN) 61197-73-7
(RR) 63146-73-6 ((Z)-isomer)
(RR) 70111-54-5 (CH3SO4)
(SY) HR 458
(SY) 8-nitro-6-(o-chlorophenyl)-1,2-dihydro-2-(N-methylpiperazin-1-yl)methylene-1H,4H-imidazo (1,2-a)(1,4)benzodiazepin-1-one methanesulfonate
(SY) RU 31158
(SY) HR 158
(SY) loprazolam
(HM) *BENZODIAZEPINONES
(PA) BENZODIAZEPINE TRANQUILIZERS
(NO) RN given refers to parent cpd without isomeric designation

tribestan
(HM) *SAPONINS
(NO) contains furostanolsaponins protodioscin, protogracillin, dioscin, & gracillin

N,N,N'-tri(beta-chloroethyl)-N'-(p-formylphenyl)-1,3-propylenediamine see N,N,N'-tri(beta-chloroethyl)-N'-(4-formylphenyl)-1,3-propylenediamine

N,N,N'-tri(beta-chloroethyl)-N'-(4-formylphenyl)-1,3- propylenediamine
(RN) 66648-37-1
(SY) Cl(3)K
(SY) N,N,N'-TFP
(SY) N,N,N'-tri(beta-chloroethyl)-N'-(p-formylphenyl)-1,3-propylenediamine
(HM) *NITROGEN MUSTARD COMPOUNDS
(PA) ALKYLATING AGENTS
(NO) used to alkylate RNA; structure

tribrissen see Co-trimazine

2,3,7-tribromobenzo-p-dioxin see 2,3,7-tribromobenzo-4-dioxin

2,3,7-tribromobenzo-4-dioxin
(RN) 51974-40-4
(SY) 2,3,7-TBDD
(SY) 2,3,7-tribromobenzo-p-dioxin
(HM) *DIOXINS

2,4,6-tribromo-3-hydroxybenzoic acid
(RN) 14348-40-4
(SY) 2,4,6-THBA
(HM) *HYDROXYBENZOIC ACIDS
(NO) structure given in first source

2,4,5-tribromoimidazole-1-n-butylcarboxylate
(SY) 2,4,5-TBIBC
(HM) *IMIDAZOLES
(NO) induces poisoning typical of uncouplers of oxidative phosphorylation

2,4,5-tribromoimidazole-1-dimethylcarbamic acid
(SY) 1-dimethylcarbamoyl-2,4,5-tribromoimidazole
(SY) DC-2,4,5-TBI
(HM) *IMIDAZOLES
(NO) induces poisoning typical of uncouplers of oxidative phosphorylation

2,4,5-tribromoimidazole
(RN) 2034-22-2
(RR) 73941-35-2 (Cd[2:1]salt)
(HM) *IMIDAZOLES
(NO) induces poisoning typical of uncouplers of oxidative phosphorylation

tribromomethane see bromoform

1,3,3'-tribromophlorhizin
(RN) 86158-07-8
(SY) 1,3,3'-tribromophlorizin
(HM) PHLORHIZIN/*analogs
(NO) structure given in first source

3,3',5'-tribromophlorhizin
(RN) 86158-09-0
(SY) 3,3',5'-tribromophlorizin
(HM) PHLORHIZIN/*analogs
(NO) structure given in first source

1,3,3'-tribromophlorizin see 1,3,3'-tribromophlorhizin

3,3',5'-tribromophlorizin see 3,3',5'-tribromophlorhizin

3,4',5-tribromosalicylanilide see tribromsalan

tribromsalan
(RN) 87-10-5
(SY) diaphene
(SY) temascpt
(SY) 3,4',5-tribromosalicylanilide
(HM) *SALICYLANILIDES
(PA) ANTI-INFECTIVE AGENTS
(PA) ANTHELMINTICS
(NO) germicide; structure

tribufon see butonate

tribulin
(RN) 84788-92-1
(HM) *MONOAMINE OXIDASE INHIBITORS
(NO) endogenous MAO inhib produced in excess following alcohol withdrawal; no other info available 12/83

tribunil see methabenzthiazuron

tribuphon see butonate

tributoxyethyl phosphate see tris(2-butoxyethyl) phosphate

tributylamine
(RN) 102-82-9
(RR) 6309-30-4 (HCl)
(HM) *BUTYLAMINES
(NO) RN given refers to parent cpd

tri-n-butylborane
(RN) 122-56-5
(HM) *BORANES

tributyl citrate
(RN) 77-94-1
(SY) tributyl citric acid
(HM) *CITRATES

tributyl citric acid see tributyl citrate

tributylmethylammonium iodide see tri-n-butylmethylammonium

tri-n-butylmethylammonium
(RN) 3085-79-8
(RR) 32680-30-1 (hydroxide)
(RR) 62442-76-6 (sulfate (1:1) Na salt
(RR) 56375-79-2 (chloride)
(SY) tributylmethylammonium iodide
(HM) *AMMONIUM COMPOUNDS
(NO) RN given refers to iodide; RN for parent cpd not in Chemline 1/85

tributyl phosphate
(RN) 126-73-8
(SY) TBP
(SY) tri-n-butyl phosphate
(HM) *PHOSPHORIC ACID ESTERS

tri-n-butyl phosphate see tributyl phosphate

tributylphosphine see tri-n-butylphosphine

tri-n-butylphosphine
(RN) 998-40-3
(SY) tributylphosphine
(HM) *PHOSPHINES

tri-n-butyl phosphorothioate see tributyl thiophosphate

S,S,S-tributyl phosphorotrithioate see butyl phosphorotrithioate

tributyl S,S,S-phosphorotrithioate see butyl phosphorotrithioate

S,S,S-tributyl phosphorotrithiolte see merphos

tributyl thiophosphate
(RN) 12408-16-1
(SY) tri-n-butyl phosphorothioate
(HM) *THIOPHOSPHORIC ACID ESTERS
(II) DEFOLIANTS, CHEMICAL
(NO) RN in Chemline for cpd specified as O,O,O-tributyl ester: 78-47-7

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tributyltin
(RN) 688-73-3
(RR) 36643-28-4 (ion(1+))
(RR) 1739-32-8 (tetrafluoroborate)
(SY) tri-n-butyltin
(SY) tributyltin hydride
(SY) tributyltin chloride
(SY) tributyltin fluoride
(HM) *TRIALKYLTIN COMPOUNDS
(NO) RN given refers to parent cpd; also includes halides

tributyltin chloride see tributyltin

tributyltin fluoride see tributyltin

tributyltin hydride see tributyltin

tri-n-butyltin see tributyltin

tributyltin oxide see lastanox Q

S,S,S-tributyl trithiophosphate see butyl phosphorotrithioate

tributyrin
(RN) 60-01-5
(SY) glyceryl tributyrate
(HM) *TRIGLYCERIDES
(NO) structure

tribuxon see tribuzone

tribuzone
(RN) 13221-27-7
(SY) trimetazone
(SY) trimetazon
(SY) benethazone
(SY) trimethazon
(SY) trimethazone
(SY) 4-(4,4-dimethyl-3-oxopentyl)-1,2-diphenyl-3,5-pyrazolidinedione
(SY) tribuzon
(SY) Benethazon
(SY) Benetazone
(SY) benetazon
(HM) PHENYLBUTAZONE/*analogs
(NO) antirheumatic, anti-inflammatory agent with analgesic properties, minor descriptor (75-85); on-line search PHENYLBUTAZONE/AA (75-85); Index Medicus search PYRAZOLES (75-80), PHENYLBUTAZONE/AA (81-85)

tricaine
(RN) 582-33-2
(RR) 50930-41-1 (HCl)
(RR) 886-86-2 (CH3SO4)
(SY) Metacaine
(SY) ethyl m-aminobenzoate methanesulfonate
(SY) MS-222
(HM) *AMINOBENZOIC ACIDS
(PA) ANESTHETICS
(NO) request from searcher; RN given refers to parent cpd

tricalcium phosphate see calcium phosphate

tricalcium phosphate ceramic see synthos

tricaprin
(RN) 621-71-6
(HM) *TRIGLYCERIDES

tricaproin
(RN) 621-70-5
(HM) *HEXANOIC ACIDS

tricaprylin
(RN) 538-23-8
(SY) glyceryl tricaprylate
(SY) trioctanoin
(HM) *TRIGLYCERIDES
(HM) *OCTANOIC ACIDS
(NO) 13C-labeled trioctanoin used in breath tests to detect fat malabsorption

tricaprylylmethylammonium see trioctylmethylammonium

tricarballylic acid
(RN) 99-14-9
(RR) 29726-38-3 (unspecified Na salt)
(RR) 6138-25-6 (tri-Na salt)
(HM) *TRICARBOXYLIC ACIDS
(NO) RN given refers to parent cpd

1,2,4-tricarboxybenzene see trimellitic acid

2,3,6-tricarboxycellulose see supercel

tricarboxylate-binding C protein see C protein

tricarboxylate transporter see citrate-binding transport protein

2,7,9-tricarboxy-1H-pyrrolo(2,3-f) quinoline-4,5-diol
(RN) 79127-57-4
(SY) pyrrolo-quinoline quinol
(SY) PQQH2
(HM) *QUINOLINES
(II) COENZYMES
(NO) coenzyme found in quinoproteins

2,7,9-tricarboxy-1H-pyrrolo(2,3-f)quinoline-4,5-dione see methoxatin

2,7,9-tricarboxy-1H-pyrrolo(2,3-f) quinoline-4-ol-5-one
(RN) 84371-05-1
(SY) 2,7,9-tricarboxy-1H-pyrrolo(2,3-f)quinoline-4-one-5-ol
(SY) pyrrolo-quinoline semiquinone
(SY) PQQH
(HM) *QUINOLINES
(II) COENZYMES
(NO) coenzyme found in quinoproteins

2,7,9-tricarboxy-1H-pyrrolo(2,3-f)quinoline-4-one-5-ol see 2,7,9-tricarboxy-1H-pyrrolo(2,3-f)quinoline-4-ol-5-one

trichlophenidine
(RN) 53720-80-2
(SY) UTH 1424
(SY) UTH-1424
(SY) UTH WP 50-7
(SY) UTH-WP-50-7
(SY) 1,3-bis(3-chlorophenyl)-2-trichloromethylimidazolidine
(HM) *IMIDAZOLES
(PA) INSECTICIDES, ORGANOCHLORINE
(NO) structure given in first source

trichloramine see nitrogen chloride

2,4,6-trichloraniline see 2,4,6-trichloroaniline

trichlorcarban see triclocarban

trichlornate see Bayer 37289

trichloroacetaldehyde
(RN) 75-87-6
(SY) chloral
(HM) CHLORAL HYDRATE/*analogs

2,2',4'-trichloroacetophenone
(RN) 4252-78-2
(HM) *ACETOPHENONES

trichloroacetyl chloride
(RN) 76-02-8
(HM) TRICHLOROACETIC ACID/*analogs

trichloroacryloyl chloride
(RN) 815-58-7
(HM) *ACRYLATES

2,4,6-trichloroaniline
(RN) 634-93-5
(RR) 33663-50-2 (HCl)
(SY) 2,4,6-trichloraniline
(HM) *ANILINE COMPOUNDS

trichlorobenzene
(RN) 12002-48-1
(HM) *CHLOROBENZENES
(NO) commercial grade of trichlorobenzene containing 70% 1,2,4-trichlorobenzene & 30% 1,2,3-trichlorobenzene; see also record for 1,2,4-trichlorobenzene

1,2,4-trichlorobenzene
(RN) 120-82-1
(HM) *CHLOROBENZENES

N,2,6-trichloro-p-benzoquinone imine see N,2,6-trichloro-4-benzoquinone imine

N,2,6-trichloro-4-benzoquinone imine
(RN) 101-38-2
(SY) dichloroquinonechlorimide
(SY) Gibbs Reagent
(SY) 2,6-dichloroquinone chloroimide
(SY) N,2,6-trichloro-p-benzoquinone imine
(HM) *QUINONES
(HM) *IMINES
(II) INDICATORS AND REAGENTS
(NO) universal thin-layer chromatographic visualization reagent

2,4',5-trichlorobiphenyl
(RN) 16606-02-3
(HM) *POLYCHLOROBIPHENYL COMPOUNDS

3,4,4'-trichlorocarbanilide see triclocarban

4,5,6-trichloro-2-(2,4-dichlorophenoxy)phenol see prediocin

2,2,2-trichloro-1-(3,4-dichlorophenyl)ethyl acetate see penfenate

trichloroepoxyethane
(RN) 16967-79-6
(SY) trichloroethylene oxide
(HM) *EPOXY COMPOUNDS
(PA) CARCINOGENS
(NO) structure given in first source

1,1,1-trichloroethane
(RN) 71-55-6
(RR) 25323-89-1 (cpd with unspecified chlorine locants
(SY) methylchloroform
(SY) inhibisol
(HM) *TRICHLOROETHANES
(II) SOLVENTS
(NO) RN given refers to cpd with locants as specified

1,1,2-trichloroethane
(RN) 79-00-5
(RR) 25323-89-1 (cpd with unspecified chlorine locants)
(RR) 57858-29-4 (36Cl-labeled cpd)
(RR) 58524-86-0 (14C2-labeled cpd)
(HM) *TRICHLOROETHANES
(NO) RN given refers to cpd with locants as specified

1,1,2-trichloroethanol
(RN) 13287-89-3
(HM) *ETHYLENE CHLOROHYDRIN/analogs
(NO) metabolite of 1,1,2-trichloroethylene

2,2,2-trichloroethanol
(RN) 115-20-8
(HM) *ETHYLENE CHLOROHYDRIN/analogs
(NO) proposed as basal anesthetic, hypnotic; structure

2,2',2"-trichloroethylamine see 2,2',2"-trichlorotriethylamine

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trichloroethyl chloroformate
(RN) 17341-93-4
(HM) PHOSGENE/*analogs
(NO) reagent for gas chromatographic analysis of pethidine; structure

2,2,2-trichloroethyl dihydrogen phosphate, sodium salt see triclofos

trichloroethylene oxide see trichloroepoxyethane

2,2,2-trichloroethylene platinum(II)
(RN) 16405-35-9
(SY) 2,2,2-TCE-platinum
(HM) *ORGANOPLATINUM COMPOUNDS
(II) INDICATORS AND REAGENTS
(NO) electron-opaque marker for electron microscopy

tri(chloroethyl)phosphate see tris(chloroethyl)phosphate

2,2,2-trichloroethyl phosphate see triclofos

trichlorofluoromethane
(RN) 75-69-4
(RR) 19258-26-5 (hydrate)
(RR) 53628-62-9 (18F-labeled cpd)
(SY) FC-11
(SY) freon 11
(SY) Genetron 11
(SY) trichloromonofluoromethane
(HM) *FREONS
(NO) refrigerant, aerosol propellant; RN given refers to parent cpd; structure

trichlorogalacto-sucrose see trichlorosucrose

trichlorohydrin see 1,2,3-trichloropropane

2,3,6-trichloroindophenol
(RN) 6038-83-1
(SY) TCIP
(HM) *2,6-DICHLOROINDOPHENOL/analogs
(II) INDICATORS AND REAGENTS

trichlorometaphos-3
(RN) 2633-54-7
(SY) O-ethyl O-methyl O-2,4,5-trichlorophenyl phosphorothioate
(HM) *ORGANOTHIOPHOSPHORUS COMPOUNDS
(PA) INSECTICIDES, ORGANOTHIOPHOSPHATE

trichloromethine see 2,2',2''-trichlorotriethylamine

trichloromethyl free radical
(RN) 3170-80-7
(HM) CARBON TETRACHLORIDE/*analogs
(NO) able to react with amino acid esters

trichloromethylperoxy radical
(RN) 69884-58-8
(HM) *PEROXIDES

trichloromonofluoromethane see trichlorofluoromethane

trichloronate see Bayer 37289

trichloronitromethane see chloropicrin

1,3,5-trichloro-2-(4-nitrophenoxy)benzene see 2,4,6-trichlorophenyl 4-nitrophenyl ether

trichlorooxo vanadium
(RN) 7727-18-6
(SY) vanadium oxychloride (VOC13)
(HM) *VANADIUM

trichlorophene
(RN) 6642-07-5
(SY) G-610
(SY) 2,6-bis(2'-hydroxy-5'-chlorobenzyl)chlorophenol
(SY) 4-chloro-2,6-bis(5-chloro-2-hydroxybenzyl)phenol
(HM) *CHLOROPHENOLS
(PA) ANTHELMINTICS
(NO) contains 20 carbon atoms; do not confuse with trichlorophene as name for trichloro derivs of 2,2'-methylenebisphenol (contain 13 carbon atoms)

2,4,5-trichlorophenol
(RN) 95-95-4
(RR) 35471-43-3 (K salt)
(RR) 24567-77-9 (Cu salt)
(RR) 136-32-3 (Na salt)
(HM) *CHLOROPHENOLS
(NO) RN given refers to parent cpd; structure

2,4,6-trichlorophenol
(RN) 88-06-2
(RR) 3784-03-0 (Na salt)
(RR) 2591-21-1 (K salt)
(RR) 60925-45-3 (Cu(+1) salt)
(RR) 52725-25-4 (Ni(+2) salt)
(RR) 52725-28-7 (Zn salt)
(RR) 68695-36-3 (14C-labeled cpd)
(RR) 25167-82-2 (cpd with unspecified chlorine locants)
(RR) 26856-15-5 (cpd with unspecified chlorine locants unspecified Cu salt)
(RR) 25267-55-4 (cpd with unspecified chlorine locants Cu(+2) salt)
(RR) 1320-79-2 (cpd with unspecified chlorine locants Na salt)
(HM) *CHLOROPHENOLS
(NO) RN given refers to parent cpd with chlorine locants as specified; structure in first source

2,4,5-trichlorophenoxyethanol
(RN) 2122-77-2
(HM) 2,4,5-TRICHLOROPHENOXYACETIC ACID/*analogs
(NO) structure

2-(2,4,5-trichlorophenoxy)propionic acid see silvex

2,3,6-trichlorophenylacetic acid see chlorfenac

1-(2,4,6-trichlorophenyl)-3,3-dimethyltriazene
(RN) 50355-74-3
(HM) *TRIAZENES
(PA) MUTAGENS
(NO) structure

2-(2,3,6-trichlorophenylimino) imidazolidine
(RN) 82780-90-3
(SY) TCPII
(HM) CLONIDINE/*analogs
(PA) ADRENERGIC ALPHA RECEPTOR AGONISTS
(PA) ANTIHYPERTENSIVE AGENTS

2,4,6-trichlorophenyl 4-nitrophenyl ether
(RN) 1836-77-7
(SY) 1,3,5-trichloro-2-(4-nitrophenoxy)benzene
(HM) *PHENYL ETHERS
(PA) HERBICIDES
(II) WATER POLLUTANTS, CHEMICAL
(NO) structure

1,2,3-trichloropropane
(RN) 96-18-4
(SY) trichlorohydrin
(HM) PROPANE/*analogs

tri(chloropropyl) phosphate see fyrol PCF

tri(2-chloropropyl)phosphate see fyrol PCF

3,5,6-trichloro-2-pyridinol
(RN) 6515-38-4
(RR) 37439-34-2 (Na salt)
(HM) *PYRIDONES
(NO) RN given refers to parent cpd

3,5,6-trichloro-2-pyridyloxyacetic acid see triclopyr

trichlorosucrose
(RN) 56038-13-2
(SY) 1',4,6'-trichloro-1',4,6'-trideoxygalactosucrose
(SY) trichlorogalacto-sucrose
(SY) 1,6-dichloro-1,6-dideoxy-beta-D-fructofuranosyl-4-chloro-4-deoxy-alpha-D-galactopyranoside
(HM) SUCROSE/*analogs
(II) SWEETENING AGENTS

2,3,6-trichloro-4-tert-butyltoluene
(RN) 61468-36-8
(SY) 2,3,6-TTBT
(HM) TOLUENE/*analogs
(II) WATER POLLUTANTS, CHEMICAL

2,4,5-trichlorothiophenol
(RN) 3773-14-6
(HM) *SULFHYDRYL COMPOUNDS

2,3,6-trichlorotoluene
(RN) 2077-46-5
(RR) 61878-57-7 (cpd with unspecified chlorine locants)
(SY) 2,3,6-TCT
(HM) TOLUENE/*analogs
(II) WATER POLLUTANTS, CHEMICAL

trichloro-s-triazine see cyanuric chloride

1,3,5-trichlorotriazine see cyanuric chloride

1',4,6'-trichloro-1',4,6'-trideoxygalactosucrose see trichlorosucrose

trichlorotriethylamine see 2,2',2''-trichlorotriethylamine

2,2',2''-trichlorotriethylamine
(RN) 555-77-1
(RR) 6138-32-5 (monopicrate)
(RR) 817-09-4 (HCl)
(SY) TS-160
(SY) trichlorotriethylamine
(SY) tris(beta-chloroethyl)amine
(SY) 2,2',2''-trichloroethylamine
(SY) tris(2-chloroethyl)amine
(SY) HN-3
(SY) HN 3
(SY) trichloromethine
(HM) *NITROGEN MUSTARD COMPOUNDS
(PA) ALKYLATING AGENTS
(NO) RN given refers to parent cpd; structure

trichlorotrifluoroethane
(RN) 354-58-5
(SY) freon-FT
(SY) fluorocarbon 113
(SY) 1,1,1-trichloro-2,2,2-trifluoroethane
(HM) *FREONS
(NO) structure

1,1,1-trichloro-2,2,2-trifluoroethane see trichlorotrifluoroethane

1,1,2-trichloro-1,2,2-trifluoroethane see Frigen 113 TR

trichochrome B see trichosiderin B

trichohyalin
(HM) *PROTEIN PRECURSORS
(NO) intracellular protein precursor to citrulline-containing proteins in hair follicle

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tricholysine
(RN) EC 3.4.-
(HM) *PEPTIDE HYDROLASES
(PA) FIBRINOLYTIC AGENTS
(NO) complex of fibrinolytic enzymes from Trichothecium roseum

trichomycin see hachimycin

trichorzianine
(RN) 88026-74-8
(SY) trichorzianine A1
(HM) PEPTIDES
(PA) ANTIBIOTICS
(NO) antibiotic group of related peptides produced by Trichoderma harzianum

trichorzianine A1 see trichorzianine

trichosanthin
(RN) 60318-52-7
(SY) alpha-trichosanthin
(HM) *PLANT PROTEINS
(PA) ABORTIFACIENT AGENTS, NON-STEROIDAL
(NO) from tubers of Radix trichosanthis

trichosiderin B
(RN) 35394-49-1
(SY) trichochrome B
(HM) *THIAZINES
(II) PIGMENTS
(NO) amino acid pigment having delta(2,2')-bi(2H-1,4-benzothiazine) chromophore; pigment occurring in mammalian red hair; structure

trichotoxin
(RN) 65454-19-5
(SY) trichotoxin A40
(HM) PEPTIDES
(PA) ANTIBIOTICS
(NO) isolated from Trichoderma viride; RN in Chemline for Trichotoxin A40: 65216-21-9

trichotoxin A40 see trichotoxin

trichrome stain
(HM) *DYES
(II) STAINS AND STAINING
(NO) composed of light green, bismark brown, eosin, lithium carbonate, & phosphotungstic acid

tricine
(RN) 5704-04-1
(SY) N-(2-hydroxy-1,1-bis(hydroxymethyl)ethyl)glycine
(HM) GLYCINE/*analogs
(NO) minor descriptor (75-85); on-line & Index Medicus search GLYCINE/AA (75-85); RN given refers to parent cpd

triciribine phosphate
(RN) 61966-08-3
(SY) TCN-monophosphate
(SY) NSC 280594
(SY) NSC-280594
(SY) TCN-P
(SY) 1,4,5,6,8-pentaazaacenaphthylene-3-amino-1,5-dihydro-5-methyl-1-beta-D-ribofuranosyl 5'- phosphate ester
(HM) *RIBONUCLEOTIDES
(PA) ANTINEOPLASTIC AGENTS

triclabendazole
(RN) 68786-66-3
(SY) 6-chloro-5-(2,3-dichlorophenoxy)-2-methylthiobenzimidazole
(HM) *BENZIMIDAZOLES
(PA) ANTHELMINTICS

triclocarban
(RN) 101-20-2
(SY) TCC
(SY) trichlorcarban
(SY) 3,4,4'-trichlorocarbanilide
(HM) *CARBANILIDES
(PA) ANTI-INFECTIVE AGENTS
(PA) ANTI-INFECTIVE AGENTS, LOCAL
(NO) bacteriostat; antiseptic in soaps & other cleansing solns; germicide; structure

triclofos
(RN) 306-52-5
(RR) 7246-20-0 (mono-Na salt)
(RR) 51553-19-6 (unspecified Na salt)
(SY) monosodium trichloroethyl phosphate
(SY) 2,2,2-trichloroethyl phosphate
(SY) 2,2,2-trichloroethyl dihydrogen phosphate, sodium salt
(HM) *PHOSPHORIC ACID ESTERS
(PA) HYPNOTICS AND SEDATIVES
(NO) derivative 7 metabolic precursor of trichloroethanol; RN given refers to parent cpd; structure

triclopyr
(RN) 55335-06-3
(SY) 3,5,6-trichloro-2-pyridyloxyacetic acid
(SY) triclopyr triethylamine salt
(HM) *GLYCOLATES
(PA) HERBICIDES

triclopyr triethylamine salt see triclopyr

Triclose see azanidazole

cis-9-tricosene see muscalure

tri-o-cresyl phosphate
(RN) 78-30-8
(SY) TOCP
(SY) triorthocresyl phosphate
(SY) tri-o-tolyl phosphate
(SY) triorthotolyl phosphate
(SY) TOTP
(SY) tri-2-cresyl phosphate
(HM) *TRITOLYL PHOSPHATES
(II) PLASTICIZERS
(NO) see also related IMOL S-140

tri-2-cresyl phosphate see tri-o-cresyl phosphate

tricyanoheptakis (4,4',4"-phosphinidyne-tri (benzenemethanamine))undecagold see undecagold

tricyclazole
(RN) 41814-78-2
(RR) 79017-61-1 (mono-4-methylbenzenesulfonate)
(HM) *THIAZOLES
(PA) ANTIFUNGAL AGENTS
(NO) RN given refers to parent cpd

tricyclohexyltin hydroxide see cyhexatin

tridacnin
(HM) *PRECIPITINS
(II) AGGLUTININS
(II) MITOGENS
(II) CLAMS
(NO) precipitin from hemolymph of elongate clam, Tridacna maxima; reacts with beta-O-D-galactopyranosyl-(1-6)-D- galactose structures present in most galactans; invertebrate lectin; has precipitating, agglutinating & mitogenic activity

2,2,3,3,4,4,5,5,6,6,7,7,7-tridecafluoroheptyl acrylate see 1,1-dihydroperfluoroheptyl acrylate

tridecaptins
(HM) PEPTIDES
(PA) ANTIBIOTICS
(NO) tridecaptins A,B & C isolated from Bacillus polymyxa; all acyl tridecapeptides differing in fatty acid & amino acid residues

5-tridecyl-1,2-benzenediol see grevillol

5-tridecylpyrazole-3-carboxylic acid
(RN) 79445-14-0
(SY) 5-TDPC
(HM) *PYRAZOLES
(PA) ANTILIPEMIC AGENTS
(NO) RN given from Toxline; RN not in Chemline 5/85

6-tridecylresorcylic acid
(SY) 6-TDRA
(HM) *HYDROXYBENZOIC ACIDS
(PA) ADENOSINE TRIPHOSPHATASE, SODIUM, POTASSIUM/antag
(NO) structure given in first source

tridemorph
(RN) 24602-86-6
(RR) 56048-48-7 ((cis)-isomer)
(RR) 56048-49-8 ((trans)-isomer)
(SY) calixin
(HM) *MORPHOLINES
(PA) FUNGICIDES, INDUSTRIAL
(NO) RN given refers to cpd with unspecified isomeric designation; structure

tri(deoxycytidylic acid-deoxyguanylic acid)
(SY) (dC-dG)(3)
(HM) *OLIGODEOXYRIBONUCLEOTIDES

2,22,25-trideoxyecdysone
(HM) ECDYSONE/*analogs
(NO) ecdysone precursor; structure given in first source

tri-(deoxyguanylic acid-deoxycytidylic acid)
(RN) 76186-50-0
(SY) tri-(dG-dC)
(SY) (dG-dC)(3)
(HM) *OLIGODEOXYRIBONUCLEOTIDES

tri-(dG-dC) see tri-(deoxyguanylic acid-deoxycytidylic acid)

tridihexethyl
(RN) 60-49-1
(RR) 4310-35-4 (chloride)
(RR) 125-99-5 (iodide)
(RR) 15039-40-4 (decylsulfate)
(SY) Pathilon
(SY) (3-cyclohexyl-3-hydroxy-3-phenylpropyl) triethylammonium iodide
(SY) tridihexethyl iodide
(SY) tridihexylethyl chloride
(HM) *AMMONIUM COMPOUNDS
(PA) PARASYMPATHOLYTICS
(NO) synonym Pathilon refers to chloride; RN given refers to parent cpd; structure

tridihexethyl iodide see tridihexethyl

tridihexylethyl chloride see tridihexethyl

tridin
(HM) *FLUORIDES
(HM) *CALCIUM
(HM) DRUG COMBINATIONS
(NO) fluoride-calcium combination for osteoporosis treatment; contains calcium gluconate, calcium citrate, sodium monofluorophosphate & carboxymethylcellulose

tri-n-dodecylamine
(RN) 102-87-4
(RR) 2486-89-7 (HCl)
(HM) *AMINES
(NO) RN given refers to parent cpd

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tridodecylmethylammonium
(RN) 7173-54-8
(RR) 29710-98-3 (iodide)
(SY) TDMAC
(SY) tridodecylmethylammonium chloride
(HM) *AMMONIUM COMPOUNDS
(NO) quaternary amine which forms molecular bond with heparin & can attach firmly to a polyvinyl chloride surface for a nonthrombogenic bypass cannula; RN given refers to chloride; RN for parent cpd not in Chemline 8/10/83

tridodecylmethylammonium chloride see tridodecylmethylammonium

trielin
(RN) 57274-66-5
(HM) *PROTEASE INHIBITORS
(NO) russian drug; protease inhibitor from dog submandibular salivary glands

trienbolone acetate see trenbolone acetate

trienomycin A
(HM) ANTIBIOTICS, ANTINEOPLASTIC
(NO) isolated from Streptomyces sp. No. 83-16; related to ansamycin antibiotics; active against hepatoma cells in vitro; MW 622; MF C36-H50-N2-O7

triethanolamine
(RN) 102-71-6
(RR) 61542-02-7 (sulfite[1:1])
(RR) 20261-61-4 (sulfate[2:1])
(RR) 7376-31-0 (unspecified sulfate salt)
(RR) 10017-56-8 (unspecified phosphate salt)
(RR) 57155-85-8 (citrate[1:1])
(RR) 29340-81-6 (unspecified citrate salt)
(RR) 41397-50-6 (unspecified maleate)
(RR) 31089-39-1 (unspecified Cu salt)
(RR) 14806-72-5 (unspecified acetate)
(RR) 15879-01-3 (unspecified Ti salt)
(RR) 637-39-8 (unspecified HCl)
(RR) 57130-68-4 (tartrate[1:1](R-(R*,R*))-isomer)
(SY) 2,2',2"-nitrilotriethanol
(SY) triethanolamine iodohydrate
(HM) *ETHANOLAMINES
(NO) RN given refers to parent cpd

triethanolamine iodohydrate see triethanolamine

triethanolamine lauryl sulfate see texapon TH

triethanolamine polypeptide oleate condensate
(SY) xerumenex
(HM) *OLEIC ACIDS
(II) SURFACE-ACTIVE AGENTS
(NO) used for cerumenolysis

triethanolamine salicylate see trolamine salicylate

4,5,6-triethoxy-7-amino-3-(5,6,7,8-tetrahydro-4-methoxy-6-methyl-1,3-dioxolo(4,5-g)isoquinolin-5-yl) phthalide see tritoqualine

3-(2',4',5'-triethoxybenzoyl)propionic acid see AA 149

3-triethoxycholesterol
(RN) 75014-44-7
(HM) CHOLESTEROL/*analogs
(NO) stable rigid, bilayer-like structure suitable as drug delivery system; structure given in first source

triethylamine
(RN) 121-44-8
(RR) 35365-94-7 (phosphate[1:1])
(RR) 10138-93-9 (unspecified phosphate)
(RR) 1069-58-5 (maleate[1:1])
(RR) 5204-74-0 (acetate)
(RR) 636-70-4 (HBr)
(RR) 554-68-7 (HCl)
(RR) 84658-31-1 (sulfite[2:1])
(RR) 68777-74-2 (dinitrate)
(RR) 61843-81-0 (sulfite[1:1])
(RR) 56287-20-8 (phosphonate[1:1])
(RR) 54272-29-6 (unspecified sulfate)
(RR) 2399-73-7 (sulfate[2:1])
(HM) *ETHYLAMINES
(NO) RN given refers to parent cpd

triethylaminoethyl cellulose
(RN) 9083-71-0
(SY) Heparsorb
(HM) DEAE-CELLULOSE/*analogs
(NO) column packing for liquid chromatography

triethylammonium bicarbonate
(RN) 15715-58-9
(SY) TEAB
(HM) *BICARBONATES
(II) BUFFERS
(NO) consists of bicarbonate compd. with triethylammonium [1:1]

N,N,N-triethyl-3-(p-n-butoxybenzoyloxy)-2,3-dimethylpropylammonium hydroxide see quateron

N,N,N-triethyl-3-(4-n-butoxybenzoyloxy)-2,3-dimethylpropyl ammonium hydroxide see quateron

triethylenediamine
(RN) 280-57-9
(RR) 51390-22-8 (diacetate)
(SY) DABCO
(SY) 1,4-diazabicyclo-octane
(HM) *PIPERAZINES
(PA) RADIATION-PROTECTIVE AGENTS
(NO) RN given refers to parent cpd

triethyleneglycol dimethacrylate see triethylene glycol dimethacrylate

triethylene glycol dimethacrylate
(RN) 109-16-0
(SY) trioxyethylene dimethacrylate
(SY) triethyleneglycol dimethacrylate
(HM) *POLYETHYLENE GLYCOLS
(HM) *POLYMETHACRYLIC ACIDS
(II) COMPOSITE RESINS

triethylenetetraaminomethyl-styrene-divinylbenzene resin
(SY) TETMSDVB resin II
(HM) *POLYSTYRENES
(II) RESINS, SYNTHETIC
(NO) labeled with 99mTc or 111In for gastrointestinal scintography

tri-(2-ethylhexyl)trimellitate
(RN) 3319-31-1
(SY) tris(2-ethylhexyl)trimellitate
(SY) TEHM
(SY) Kodaflex TOTM
(HM) *BENZOATES
(II) PLASTICIZERS

N,N,N-triethylhomocholine
(SY) TEHC
(HM) CHOLINE/*analogs

triethyllead
(RN) 5224-23-7
(RR) 63919-19-7 (hexafluorosilicate(-2))
(SY) triethyl lead
(SY) triethyl lead chloride
(HM) *LEAD
(HM) *ORGANOMETALLIC COMPOUNDS
(II) NEUROTOXINS
(NO) RN given refers to parent cpd

triethyl lead see triethyllead

triethyl lead chloride see triethyllead

triethylmethylammonium
(RN) 302-57-8
(RR) 10052-47-8 (chloride)
(RR) 994-29-6 (iodide)
(SY) triethylmethylammonium iodide
(HM) *AMMONIUM COMPOUNDS
(NO) RN given refers to parent cpd

triethylmethylammonium iodide see triethylmethylammonium

triethyloxonium tetrafluoroborate
(RN) 368-39-8
(SY) Meerwein reagent
(HM) *BORATES
(II) INDICATORS AND REAGENTS

triethylphosphine gold bromide
(SY) BrAuPEt3
(SY) bromo(triethylphosphine)gold
(HM) *GOLD
(HM) ORGANOPHOSPHORUS COMPOUNDS
(PA) ANTI-INFLAMMATORY AGENTS
(NO) binds in a non-denaturing fashion to calf thymus DNA; structure given in first source

triethylphosphine gold chloride
(RN) 15529-90-5
(RR) 85528-67-2 (195Au-labeled cpd)
(SY) SKF 36914
(SY) ClAuPEt3
(SY) triethylphosphine gold(I) chloride
(SY) SK&F 36914
(HM) *GOLD
(PA) ANTI-INFLAMMATORY AGENTS
(NO) RN given refers to unlabeled cpd; structure

triethylphosphine gold(I) chloride see triethylphosphine gold chloride

S-triethylphosphine gold 2,3,4,6-tetra-O-acetyl-1-thio-beta-D-glucopyranoside see auranofin

triethylstannylmaleimide
(HM) *TRIETHYLTIN COMPOUNDS
(HM) *MALEIMIDES
(NO) structure given in first source

triethylstannylsuccinimide
(SY) TESSI
(HM) *TRIETHYLTIN COMPOUNDS
(HM) *SUCCINIMIDES

triethylsulfonium
(RN) 3378-18-5
(RR) 1829-92-1 (iodide)
(SY) triethylsulfonium hydroxide
(SY) triethylsulfonium bromide
(HM) *SULFONIUM COMPOUNDS
(II) SOLVENTS
(NO) RN given refers to bromide; RN for parent cpd not in Chemline 7/29/83

triethylsulfonium bromide see triethylsulfonium

triethylsulfonium hydroxide see triethylsulfonium

triethyltin
(RN) 997-50-2
(HM) *TRIETHYLTIN COMPOUNDS

triethyltin bromide see bromotriethylstannane

Triethyltin sulfate
(RN) 57-52-3
(HM) *TRIETHYLTIN COMPOUNDS
(PA) ADENOSINE TRIPHOSPHATASE/antag
(NO) not the sulfate salt of triethyltin

trifed see actifed

trifenmorph
(RN) 1420-06-0
(SY) WL 8008
(SY) Frescon
(SY) N-tritylmorpholine
(HM) *MORPHOLINES
(PA) MOLLUSCACIDES
(NO) structure

triferric doxorubicin see quelamycin

triflubazam
(RN) 22365-40-8
(SY) 1-methyl-5-phenyl-7-trifluoromethyl-(1H)-1,5-benzodiazepine-2,4-(3H,5H)dione
(SY) ORF 8063
(SY) ORF-8063
(SY) WE-352
(SY) WE 352
(HM) *BENZODIAZEPINONES
(PA) BENZODIAZEPINE TRANQUILIZERS
(NO) proposed antianxiety agent; minor descriptor (75-85); on-line & Index Medicus search BENZODIAZEPINONE TRANQUILIZERS (75-85)

trifluoperazine sulfoxide
(RN) 1549-88-8
(HM) TRIFLUOPERAZINE/*analogs

2-trifluormethyl-6-fluoro-9-(3-(4-(2-hydroxypiperazin-1-yl)propyl)thioxanthene see teflutixol

trifluoroacetamide
(RN) 354-38-1
(HM) *TRIFLUOROACETIC ACID/analogs

4-(trifluoroacetamido)phenyl-2-acetamido-2-deoxy-4-O-beta-mannopyranosyl-beta-glucopyranoside
(SY) TAPADMG
(HM) *DISACCHARIDES
(II) ANTIGENIC DETERMINANTS
(NO) structure given in first source

4-trifluoroacetamidophenyl-beta-mannopyranosyl(1-4)-alpha-rhamnopyranosyl(1-3)-alpha-galactopyranoside
(SY) para-TFAP-MRG
(HM) *TRISACCHARIDES
(NO) conjugated to bovine serum albumin for identification of Salmonella serogroup E antigen O3 by immunofluorescence

2-trifluoroacetamido-1,3,4,6-tetra-O-acetyl-2-deoxymannopyranose
(RN) 86900-32-5
(SY) Ac4F3-NAcMan
(HM) *HEXOSAMINES

trifluoroacetic anhydride
(RN) 407-25-0
(HM) *TRIFLUOROACETIC ACID/analogs

2-((trifluoroacetoxy)mercuri)-4-fluorophenol
(RN) 84332-82-1
(HM) *PHENYLMERCURIC ACETATE/analogs
(II) CROSS-LINKING REAGENTS
(NO) bifunctional protein modification reagent; structure & RN given in first source

N-trifluoroacetyladriamycin-14-O-hemiadipate see AD 143

N-trifluoroacetyladriamycin 14-valerate
(RN) 56124-62-0
(SY) AD 32
(SY) NSC-246131
(SY) AD-32
(HM) DOXORUBICIN/*analogs

trifluoroacetyldaunomycin
(RN) 26388-52-3
(SY) N-(trifluoroacetyl)daunomycin
(HM) DAUNORUBICIN/*analogs
(NO) structure given in first source

N-(trifluoroacetyl)daunomycin see trifluoroacetyldaunomycin

trifluoroacetyllysylalanine-trifluoromethylphenylanilide
(RN) 68739-25-3
(SY) TFA-Lys-Ala-TFMPA
(SY) TFAI
(SY) trifluoroacetyl-lysyl-alanyl-trifluoromethylphenylanilide
(HM) *ANILIDES
(PA) PANCREATOPEPTIDASE/antag

trifluoroacetyl-lysyl-alanyl- trifluoromethylphenylanilide see trifluoroacetyllysylalanine- trifluoromethylphenylanilide

trifluoroacetyl peptide chloromethyl ketones
(SY) TFA-peptide-CMK
(HM) *AMINO ACID CHLOROMETHYL KETONES
(NO) inhibitors of elastase

N-trifluoroacetylphenylalanylalanine
(RN) 3801-77-2
(SY) TFA-Phe-Ala
(SY) N-TFA-phenylalanyl-alanine
(HM) *DIPEPTIDES

trifluoroalanine
(RN) 17463-43-3
(HM) ALANINE/*analogs

3,3,3-trifluorobromoacetone see bromotrifluoroacetone

1,1,1-trifluoro-2-chloroethane
(RN) 75-88-7
(SY) 2-chloro-1,1,1-trifluoroethane
(HM) HALOTHANE/*analogs
(NO) volatile metabolite of halothane

2,2,2-trifluoroethanesulfonyl chloride
(RN) 1648-99-3
(SY) tresyl chloride
(HM) *SULFONES
(II) INDICATORS AND REAGENTS

N-(2,2,2-trifluoroethoxycarbonyl) imidazole
(RN) 81265-32-9
(SY) 2,2,2-TFI
(HM) *IMIDAZOLES
(II) SULFHYDRYL REAGENTS

2,2,2-trifluoroethyl allyl ether
(RN) 1524-54-5
(SY) TFAE
(HM) FLUROXENE/*analogs

trifluoroethyl-cysteine-beta93 hemoglobin
(SY) TFE Cys(beta93)Hb
(SY) TFEC93HB
(HM) *HEMOGLOBINS
(NO) modified human hemoglobin to study CO binding to hemoglobin

2,2,2-trifluoroethyl ethyl ether
(RN) 461-24-5
(HM) FLUROXENE/*analogs

2,2,2-trifluoroethyl methacrylate
(RN) 352-87-4
(RR) 38785-10-3 (unspecified trifluoro locant)
(SY) TFEMA
(HM) *METHYLMETHACRYLATES

4-trifluoroimidazole-TRH see TRH, 4-fluoroimidazole-

5',5',5'-trifluoroleucine
(RN) 372-22-5
(RR) 25367-71-9 ((L)-isomer)
(RR) 2792-72-5 ((DL)-isomer)
(RR) 27836-86-8 (cpd with unspecified isomeric designation and unspecified fluorine locants
(SY) 5',5',5'-trifluoro-DL-leucine
(HM) LEUCINE/*analogs
(NO) RN given refers to cpd with unspecified isomeric designation and fluorine locants as specified

5',5',5'-trifluoro-DL-leucine see 5',5',5'-trifluoroleucine

1,1,1-trifluoro-3-mercaptophenylacetone
(RN) 89360-52-1
(SY) TFMPA
(HM) ACETONE/*analogs

trifluoromethanesulfonic acid
(RN) 1493-13-6
(RR) 54010-75-2 (Zn salt)
(RR) 33454-82-9 (Li salt)
(RR) 2923-28-6 (Ag(+1) salt))
(RR) 2794-60-7 (Ba salt)
(RR) 52093-26-2 (La(+3) salt)
(RR) 74974-61-1 (Al salt)
(RR) 76089-77-5 (Ce(+3) salt)
(HM) *METHANESULFONATES
(NO) deblocking reagent for peptide synthesis; RN given refers to parent cpd

2,2,2-trifluoromethazolamide
(RN) 81428-88-8
(HM) *METHAZOLAMIDE/analogs
(PA) CARBONIC ANHYDRASE INHIBITORS

trifluoromethionine
(RN) 4220-05-7
(RR) 764-52-3 ((L)-isomer)
(SY) S-trifluoromethyl-L-homocysteine
(HM) METHIONINE/*analogs
(NO) RN given refers to (DL)-isomer; RN for cpd without isomeric designation not in Chemline 7/29/83

1-(4-trifluoromethoxyphenyl)-3-(2-chlorobenzoyl)-urea see Bay Sir 8514

m-trifluoromethyl-alpha-ethylbenzhydrol see flumecinol

4-trifluoromethylaniline
(RN) 455-14-1
(SY) para-trifluoromethylaniline
(HM) *ANILINE COMPOUNDS

5-trifluoromethyl-2'-deoxyuridylic acid
(RN) 345-02-8
(HM) *THYMINE NUCLEOTIDES

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1-(2-(3-trifluoromethyldiazirino)benzoyl)-3,3-dimethyl-6-hydroxy-7-(2-cyano-3-iodoindol-4-yloxy)-1,4-diazaheptane
(RN) 85559-48-4
(SY) ICYP-diazirine
(HM) *AZIRINES
(II) AFFINITY LABELS
(NO) structure given in first source

3-(4-(3-(trifluoromethyl)-3H-diazirin-3-yl)phenyl)alanine
(SY) TFMDAZPA
(HM) *AZIRINES
(II) AFFINITY LABELS
(NO) structure given in first source

3-trifluoromethyl-4,4'-dichlorocarbanilide see cloflucarban

4-trifluoromethyl-2,6-dinitrophenyl sulfonate see 2,6-dinitro-4-trifluoromethylbenzenesulfonic acid

S-trifluoromethyl-L-homocysteine see trifluoromethionine

2-trifluoromethylimidazole-thyrotropin releasing hormone see TRH, 2-fluoromethylimidazole-

2-trifluoromethyl-Im-TRH see TRH, 2-fluoromethylimidazole-

3-(trifluoromethyl)-3-(m-iodophenyl)diazirine see 3-(trifluoromethyl)-3-(3-iodophenyl)diazirine

3-(trifluoromethyl)-3-(3-iodophenyl) diazirine
(RN) 81340-56-9
(SY) TFMIPDA
(SY) 3-(trifluoromethyl)-3-(m-iodophenyl)diazirine
(HM) *AZIRINES
(NO) photoactivatable probe, carbene-generating reagent

N-((5-(trifluoromethyl)-6-methoxy-1-naphthalenyl) thioxomethyl)-N-methylglycine see tolrestat

N-5-trifluoromethyl-6-methoxy-1-thionaphthoyl-N-methylglycine see tolrestat

3-trifluoromethyl-4-nitrophenol see TFM

4-(3-trifluoromethylphenyl)-1-(2-cyanoethyl)-1,2,3,6-tetrahydropyridine HCl see CM 57493

1-(3-trifluoromethylphenyl)-3-(2-hydroxyethyl) quinazoline-2,4(1H,3H)-dione see H-88

2-(3-trifluoromethylphenyl)-4-isopropyltetrahydro-1,4-oxazine see oxaflozane

1-(3-trifluoromethylphenyl)-1-phenylpropanol see flumecinol

1-(m-trifluoromethylphenyl)piperazine see 1-(3-trifluoromethylphenyl)piperazine

1-(3-trifluoromethylphenyl)piperazine
(RN) 15532-75-9
(SY) 1-(m-trifluoromethylphenyl)piperazine
(HM) *PIPERAZINES
(NO) acts as serotonin agonist; structure

N-(2-(4-(3-(trifluoromethyl)phenyl)-1-piperazinyl) ethyl)acetamide maleate see DU 27725

2-(4-(m-trifluoromethyl-phenyl)-1-piperazinyl)ethyl 2-(7-trifluoromethyl-4-quinolinylamino)benzoate see antrafenine

(2-(4-(3-(trifluoromethyl)phenyl)-1-piperazinyl)ethyl) urea see DU 27716

1-(3-trifluoromethylphenyl)-1,2-propanediol
(RN) 15814-25-2
(SY) 1-TFMPD
(HM) FENFLURAMINE/*analogs
(NO) urinary metabolite of fenfluramine; structure given in first source

1-(3-trifluoromethylphenyl)-2-propanol
(RN) 621-45-4
(SY) 1-TFMPP
(HM) FENFLURAMINE/*analogs
(NO) metabolite of fenfluramine; structure given in first source

N-(4-trifluoromethylphenyl)-5-methylisoxazole-4-carboxamide see HWA 486

5-trifluoropentoxypicolinic acid
(RN) 72133-44-9
(SY) 5-TFPOP
(HM) *PICOLINIC ACIDS
(PA) ANTIHYPERTENSIVE AGENTS
(NO) RN given from Toxline; RN not in Chemlin 9/84; structure given in first source

triflusal
(RN) 322-79-2
(SY) 2-acetoxy-4-trifluoromethylbenzoic acid
(HM) *SALICYLATES
(NO) inhibits platelet aggregation similarly to aspirin; structure

trifolin see isoquercitrin

trifolin A see isoquercitrin

triforine
(RN) 26644-46-2
(SY) N,N'-bis(1-formamido-2,2,2-trichloroethyl) piperazine
(SY) saprol
(SY) triforin-20
(HM) *PIPERAZINES
(PA) FUNGICIDES, INDUSTRIAL
(NO) structure

triforin-20 see triforine

tri(galactosiduronic acid)
(SY) TGSUA
(HM) *TRISACCHARIDES

triglobe see Co-trimazine

triglucosyl glyceroglucolipid sulfurtransferase see triglucosyl monoalkylmonoacylglycerol sulfotransferase

triglucosyl monoalkylmonoacylglycerol sulfotransferase
(RN) EC 2.8.2.-
(SY) triglucosyl glyceroglucolipid sulfurtransferase
(HM) *SULFURTRANSFERASES
(NO) from rat salivary glands; catalyzes transfer of sulfate group from 3'-phosphoadenosine 5'-phosphosulfate to C-6 of terminal glucose residue forming sulfated triglucosyl glyceroglucolipid

triglutamate folate
(RN) 29701-38-0
(SY) PteGlu3
(HM) *PTEROYLPOLYGLUTAMIC ACIDS

triglyceride and cholesterol ester transfer protein see cholesterol ester transfer proteins

triglyceride VLDL see very low density lipoprotein triglyceride

P-10-triglyceride see 1-(10-pyrenedecanoyl)-2,3-dioleoylglycerol

1,3,5-triglycidyl isocyanurate see 1,3,5-triglycidyl-s-triazinetrione

1,3,5-triglycidyl-s-triazinetrione
(RN) 2451-62-9
(RR) 59653-73-5 (stereoisomer)
(RR) 59653-74-6 (duplicate stereoisomer)
(SY) 1,3,5-triglycidyl isocyanurate
(SY) NSC 296934
(SY) alpha-1,3,5-triglycidyl-s-triazinetrione
(SY) teroxirone
(SY) alpha-TGT
(SY) teroxirone
(SY) NSC-296934
(SY) teroxirone
(HM) *TRIAZINES
(PA) ANTINEOPLASTIC AGENTS
(NO) RN given refers to cpd with unspecified isomeric designation; structure given in first source

1,2,4-triglycidyl urazol
(RN) 77658-97-0
(SY) 1,2,4-TGU
(SY) NSC 332488
(HM) *TRIAZOLES
(PA) ANTINEOPLASTIC AGENTS
(NO) structure given in first source

triglycine see glycyl-glycyl-glycine

triglycyl-desglycine amide lysine vasopressin see vasopressin, N-(N-Gly-Gly)-8-Lys-

triglycyl lysine vasopressin see glypressin

triglycyl-(8-lysine)vasopressin see glypressin

triglycylvasopressin see glypressin

trigonelline
(RN) 535-83-1
(RR) 6138-42-7 (iodide)
(RR) 6138-41-6 (chloride)
(RR) 60388-20-7 (tosylate)
(RR) 7164-65-0 (ion)
(HM) *ALKALOIDS
(NO) in hydra among other organisms; RN given refers to hydroxide inner salt; structure

Trigynon see stediril

trihdroxy-5 alpha-cholanoic acid see muricholic acid

5,12,20-triHETE see 5,12,20-trihydroxy-6,8,10,14-eicosatetraenoic acid

5,6,15-triHETE see 5,6,15-trihydroxy-7,9,11,13-eicosatetraenoic acid

1,2,4-trihydroxybenzene 1,2-dioxygenase see hydroxyquinol 1,2-dioxygenase

3,4,5-trihydroxybenzohydroxamic acid see VF 122

2,3,4-trihydroxybenzylhydrazine see Ro 4-5127

2,3,4-trihydroxy-(threo)-butanoic acid see threonic acid

2',3,4-trihydroxychalcone
(RN) 6272-43-1
(HM) *CHALCONE/analogs
(NO) structure given in first source

2',4',4-trihydroxychalcone
(RN) 961-29-5
(HM) *CHALCONE/analogs
(NO) RN given refers to (E)-isomer; RN for cpd without isomeric designation not in Chemline 5/84; structure given in first source

1,23,25-trihydroxycholecalciferol see 1,23,25-trihydroxyvitamin D3

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1,24,25-trihydroxycholecalciferol see 1,24,25-trihydroxyvitamin D3

23,25,26-trihydroxycholecalciferol see 23,25,26-trihydroxyvitamin D3

3,7,12-trihydroxycholestane see trihydroxycoprostane

1,2,9-trihydroxychrysene see 9-hydroxy-1,2-dihydro-1,2-dihydroxychrysene

trihydroxycoprostane

(RN) 547-96-6
(RR) 16669-19-5 ((3alpha,5alpha,7alpha,12alpha)-isomer)
(RR) 69227-83-4 ((3beta,5alpha,7alpha,12alpha)-isomer)
(SY) 3,7,12-trihydroxycholestane
(SY) 5 beta-cholestane-3 alpha,7 alpha,12 alpha-triol
(HM) *CHOLESTANOLS
(NO) intermediate in bile acid synthesis in liver; enhances rate of porphyrin synthesis in cultured liver cells by induction of delta-aminolevulinic acid synthetase; RN given refers to (3alpha,5beta,7alpha,12alpha)-isomer; RN for cpd without isomeric designation not in Chemline 7/83; structure

3',4',5-trihydroxy-6,7-dimethoxyflavone see cirsiliol

8'-(R)-4,4',8-trihydroxy-3,3'-dimethoxylignanolide see nortrachelogenin

11,17,21-trihydroxy-6,16-dimethyl-2'-phenyl-2'H-pregna-2,4,6-trieno(3,2-c)pyrazol-20-one-21-methanesulfonate see deacylcortivazol 21-mesylate

5,14,15-trihydroxy-6,8,10,12,17-eicosapentaenoic acid see lipoxene B

5,6,15-trihydroxy-7,9,11,13,17-eicosapentaenoic acid see lipoxene A

10,11,12-trihydroxy-5,8,14,17-eicosatetraenoic acid

(SY) 10,11,12-T-5,8,14,17-HETA
(SY) hatching factor, Balanus balanoides
(HM) *HYDROXYEICOSATETRAENOIC ACIDS
(NO) structure given in first source

5,12,20-trihydroxy-6,8,10,14-eicosatetraenoic acid

(RN) 79008-24-5
(RR) 79516-82-8 ((S-(R*,S*-(E,Z,E,Z)))-isomer)
(RR) 87000-07-5 (cpd without locants for unsaturation or trihydroxy moieties)
(SY) 5,12,20-triHETE
(SY) 20-hydroxyleukotriene B4
(SY) 20-hydroxy-leukotriene B
(HM) LEUKOTRIENES B/*analogs
(NO) RN given refers to (S-(R*,R*-(E,E,Z,Z)))-isomer; RN for cpd without isomeric designation not in Chemline 4/84

5,14,15-trihydroxy-6,8,10,12-eicosatetraenoic acid

(SY) lipoxin B
(SY) 5,14,15-THET
(SY) 5D,14,15L-trihydroxy-6,8,10,12-icosatetraenoic acid
(HM) *HYDROXYEICOSATETRAENOIC ACIDS
(NO) structure given in first source

5,6,15-trihydroxy-7,9,11,13-eicosatetraenoic acid

(SY) 5,6,15-triHETE
(SY) lipoxin A
(HM) *HYDROXYEICOSATETRAENOIC ACIDS
(NO) structure given in first source

10,11,12-trihydroxyeicosatrienoic acid

(RN) 85589-25-9
(SY) 10,11,12-TETA
(HM) *8,11,14-EICOSATRIENOIC ACID/analogs

8,11,12-trihydroxy-5,9,14-eicosatrienoic acid

(SY) 8,11,12-TETA
(HM) *8,11,14-EICOSATRIENOIC ACID/analogs
(II) ISOMERISM
(NO) structure

7,14,15,-trihydroxy-13-epoxylabdane see borjatriol

3,5,11-trihydroxyerythranolid-9-one see 6-deoxyerythronolide B

3',4',7-trihydroxyethylrutin see troxerutin

4',5,7-trihydroxyflavanone 7-rhamnoglucoside see naringin

4',5,7-trihydroxyflavanone see naringenin

trihydroxygermacranolide isobutyrate see alatolide

3,4,5-trihydroxy-6-(hydroxymethyl)-2-piperidone see 5-amino-5-deoxygluconic acid delta-lactam

5D,14,15L-trihydroxy-6,8,10,12-icosatetraenoic acid see 5,14,15-trihydroxy-6,8,10,12-eicosatetraenoic acid

trihydroxyindole

(RN) 28986-53-0
(HM) *INDOLES
(NO) used in fluorometric assay for plasma catecholamines

6,7,4'-trihydroxyisoflavan

(RN) 94105-89-2
(HM) *BENZOPYRANS
(PA) LIPOXYGENASES/antag
(NO) structure given in first source

7,14,20-trihydroxykaur-16-ene-11,15-dione see amethystoidin A

1,23,25-trihydroxy-24-ketovitamin D3 see 24-keto-1,23,25-trihydroxyvitamin D3

3,5,3'-trihydroxy-4'-methoxystilbene 3-O-beta-D-glucoside see rhapontin

1,4,5-trihydroxy-2-methylanthraquinone see funiculosin (anthraquinone)

3,4,15-trihydroxy-8-(3-methylbutyryloxy)-1,2,3-epoxytrichothec-9-ene

(RN) 2270-41-9
(SY) T-2 triol
(HM) *T-2 TOXIN/analogs
(II) MYCOTOXINS
(NO) T-2 toxin metabolite in Curtobacterium; structure given in first source

1,11,16-trihydroxy-16-methylprost-13-en-9-one (11alpha,13E) see rioprostil

1,23,25-trihydroxy-24-oxocholecalciferol see 1,23,25-trihydroxy-24-oxo-vitamin D3

1,23,25-trihydroxy-24-oxo-vitamin D3

(RN) 87147-48-6
(SY) 1,23,25-trihydroxy-24-oxocholecalciferol
(SY) 1,23,25-TOV
(HM) *HYDROXYCHOLECALCIFEROLS
(NO) vitamin D3 metabolite in chick intestinal mucosa homogenate

2,4,5-trihydroxypentanoic acid see 3-deoxypentonic acid

3,4-trihydroxyphenethyl-O-rhamnopyranosyl-(1-6)-4-O-caffeoyl-glucopyranoside see suspensaside

3,4,6-trihydroxyphenylalanine see 6-hydroxydopa

3,4,5-trihydroxypipecolic acid see 2-carboxy-3,4,5-trihydroxypiperidine

trihydroxypregnanone see tetrahydro-11-deoxycortisol

17,18,21-trihydroxy-4-pregnene-3,11,20-trione see 18-hydroxycortisone

2,4,6-trihydroxypteridine see violapterin

3,6,9-trihydroxypterocarpan

(RN) 69393-95-9
(HM) *BENZOPYRANS
(II) PLANT EXTRACTS
(NO) precursor for soybean phytoalexin glyceollin; RN given refers to (6aS-cis)-isomer; RN for cpd without isomeric designation not in Chemline 8/84; structure given in first source

5,3',4'-trihydroxy-3,6,7,8-tetramethoxyflavone

(RN) 81943-52-4
(SY) THTMF
(HM) *FLAVONES
(PA) MUTAGENS
(NO) structure given in first source

2,3,6-trihydroxytoluene see versicolin

3,5,7-trihydroxy-2-(3,4,5-trihydroxyphenyl)-4H-1-benzopyran-4-one see myricetin

1,23,25-trihydroxyvitamin D3

(RN) 86701-33-9
(SY) 1,23,25-trihydroxycholecalciferol
(HM) CALCITRIOL/*analogs
(NO) intestinal metabolite of calcitriol

1,24,25-trihydroxyvitamin D3

(RN) 50648-94-7
(RR) 56142-95-1 ((1alpha,3beta,5Z,7E,24S)-isomer)
(RR) 56142-94-0 ((1alpha,3beta,5Z,7E,24R)-isomer)
(RR) 72203-93-1 ((1alpha,3beta,5Z,7E)-isomer)
(RR) 65375-95-3 ((3beta,5Z,7E,24R)-isomer)
(SY) 1,24,25-trihydroxycholecalciferol
(HM) *HYDROXYCHOLECALCIFEROLS
(NO) RN given refers to (3beta,5Z,7E)-isomer; RN for cpd without isomeric designation not in Chemline 7/83

1,25,26-trihydroxyvitamin D3

(RN) 77372-59-9
(SY) 1,25,26-OHD3
(SY) 1alpha,25,26-trihydroxyvitamin D3
(HM) *HYDROXYCHOLECALCIFEROLS
(NO) in vivo metabolite of vitamin D3

23,25,26-trihydroxyvitamin D3

(RN) 81515-15-3
(SY) 23,25,26-trihydroxycholecalciferol
(HM) *HYDROXYCHOLECALCIFEROLS
(NO) formed during metabolism of 25-hydroxyvitamin D3

2,4,6-triiodo-3-acetamidobenzoic acid (N-cyclohexylcarbamyloxy)ethyl ester

(RN) 78969-69-4
(SY) TABAC
(HM) ACETRIZOIC ACID/*analogs
(II) CONTRAST MEDIA
(NO) hepatosplenography agent

2,4,6-triiodo-3-(N-hydroxyethylcarbamyl)-5-(N-methylacetamido)-N-gluconylaminobenzene see P297

3,3',5-triiodothyroacetic acid

(RN) 51-24-1
(RR) 1477-04-9 (Na salt)
(SY) Triac
(HM) TRIIODOTHYRONINE/*analogs
(NO) RN given refers to parent cpd

triiodothyronamine see 3,3',5-triiodothyronamine

3,3',5-triiodothyronamine
(RN) 4731-88-8
(SY) triam
(SY) triiodothyronamine
(HM) TRIIODOTHYRONINE/*analogs
(NO) potential metabolite of T3; structure given in first source

triiodothyrone aminotransferase see thyroid hormone aminotransferase

triiodothyronine aminotransferase see thyroid hormone aminotransferase

triiodothyronine binding protein see triiodothyronine receptor

triiodothyronine, carbamylated see carbamylated triiodothyronine

triiodothyronine, glycosylated see glycosylated triiodothyronine

triiodothyronine receptor
(SY) thyroid hormone receptor
(SY) triiodothyronine receptors
(SY) T3 receptors
(SY) receptor, triiodothyronine
(SY) triiodothyronine binding protein
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) TRIIODOTHYRONINE

triiodothyronine receptors see triiodothyronine receptor

triiodothyronine, reverse, receptors see reverse T3 receptor

triiodothyronine, reverse-4-sulfate
(SY) reverse T3 sulfate
(HM) TRIIODOTHYRONINE, REVERSE/*analogs

triiodothyronine sulfate
(RN) 31135-55-4
(SY) triiodothyronine sulfuric ester
(HM) TRIIODOTHYRONINE/*analogs

triiodothyronine sulfuric ester see triiodothyronine sulfate

3,3',5-triiodothyropropionic acid
(RN) 51-26-3
(SY) TRIPROP
(HM) TRIIODOTHYRONINE/*analogs

triisopropylphenoxypolyethoxyethanol see nonoxynols

trileucine see leucyl-leucyl-leucine

trilinoelaidate see trilinolein

trilinoelaidin see trilinolein

trilinoleic glycerol see trilinolein

trilinolein
(RN) 537-40-6
(RR) 5188-25-0 ((all-E)-isomer)
(SY) trilinoelaidin
(SY) trilinoleic glycerol
(SY) trilinoelaidate
(HM) *TRIGLYCERIDES
(NO) RN given refers to (Z,Z)-isomer; RN for cpd without isomeric designation not in Chemline 7/83

trilisate
(RN) 64425-90-7
(SY) choline magnesium trisalicylate
(SY) Tegunor
(HM) *SALICYLATES
(HM) CHOLINE/*analogs
(PA) ANTI-INFLAMMATORY AGENTS

trilobine
(RN) 6138-73-4
(RR) 55700-74-8 (unspecified sulfate)
(HM) *ALKALOIDS
(PA) ANALGESICS
(PA) ANALGESICS, ANTI-INFLAMMATORY
(NO) RN given refers to parent cpd

trilostane
(RN) 13647-35-3
(SY) WIN 24,540
(SY) 4alpha,5-epoxy-17beta-hydroxy-3-oxoandrostane-2-carbonitrile
(HM) STANOLONE/*analogs
(PA) ABORTIFACIENT AGENTS, STEROIDAL
(PA) 3-HYDROXYSTEROID DEHYDROGENASES/antag
(PA) ANTINEOPLASTIC AGENTS
(II) OXIDATIVE PHOSPHORYLATION COUPLING FACTORS
(NO) inhibits conversion of pregnenolone to progesterone; adrenal blocking agent used in treatment of Cushing's syndrome

trimagnesium orthophosphate see magnesium phosphate

trimanyl see hexestrol bis(diethylaminoethyl ether)

trimazosin
(RN) 35795-16-5
(RR) 35795-17-6 (HCl)
(RR) 53746-46-6 (HCl monohydrate)
(RR) 71649-22-4 (unspecified HCl)
(SY) CP-19,106
(SY) 2-hydroxy-2-methylpropyl 4-(4-amino-6,7,8-trimethoxy-2-quinqzolinyl)-1-piperazinecar boxylate
(SY) CP 19,106
(HM) *PIPERAZINES
(PA) ANTIHYPERTENSIVE AGENTS
(PA) VASODILATOR AGENTS
(NO) RN given refers to parent cpd; structure

trimcaine
(RN) 87140-35-0
(HM) *BALSAMS
(HM) *ZINC OXIDE
(HM) *SILVER
(HM) *RESINS
(HM) *THYMOL
(HM) DRUG COMBINATIONS
(II) CONDIMENTS
(NO) combination of balsam, zinc oxide, silver, white resin, thymol iodide & oil of cloves

trimecryton see crystepin T

trimedin see Bactrim

trimedlure
(RN) 12002-53-8
(SY) 4 (or 5)-chloro-2-methylcyclohexanecarboxylic acid 1,1-dimethylethyl ester
(HM) *CYCLOHEXANECARBOXYLIC ACIDS
(II) SEX ATTRACTANTS
(NO) structure given in first source

Trimel
(RN) 39355-34-5
(SY) polyimide resin
(HM) *RESINS, SYNTHETIC
(NO) enamel insulation; no other information available 6/23/81

trimellitic acid
(RN) 528-44-9
(RR) 67801-57-4 (Co(+2)[1:1] salt)
(RR) 51937-84-9 (Cu salt)
(SY) 1,2,4-tricarboxybenzene
(HM) *TRICARBOXYLIC ACIDS
(NO) RN given refers to parent cpd; structure

trimellitic anhydride
(RN) 552-30-7
(SY) tri-mellitic anhydride
(HM) *PHTHALIC ANHYDRIDES
(NO) structure

tri-mellitic anhydride see trimellitic anhydride

trimeprazine tartrate
(RN) 4330-99-8
(SY) Temaril
(HM) TRIMEPRAZINE/*analogs

trimerazine
(RN) 54242-77-2
(SY) berlocombin
(HM) *TRIMETHOPRIM
(HM) *SULFAMERAZINE
(HM) DRUG COMBINATIONS
(NO) combination of above

Trimeresurus mucrosquamatus venom
(SY) Formosan habu venom
(SY) mucrotoxin A
(HM) *CROTALID VENOMS
(NO) anticoagulant phospholipase A purified from this venom

trimet see lidaprim

trimetaphosphatase
(RN) EC 3.6.1.2
(RR) 9024-84-4 (CRN)
(SY) trimetaphosphate hydrolase
(SY) acid trimetaphosphatase
(HM) *PHOSPHATASES

trimetaphosphate hydrolase see trimetaphosphatase

trimetaphosphoric acid
(RN) 13566-25-1
(RR) 37267-86-0 (cpd with unknown MF)
(RR) 7785-84-4 (tri-Na salt)
(RR) 14809-04-2 (unspecified Na salt)
(RR) 57655-26-2 (Ru(+3) salt)
(RR) 63804-10-4 (99Tc-labeled cpd)
(RR) 56167-73-8 (Mg[2:3] salt)
(RR) 53340-55-9 (Mg[2:3] salt dodecahydrate)
(RR) 53340-56-0 (Ca[2:3] salt hexahydrate)
(RR) 16043-48-4 (tri-K salt)
(SY) Mg trimetaphosphate
(SY) calcium trimetaphosphate
(SY) Ca trimetaphosphate
(SY) magnesium trimetaphosphate
(SY) sodium trimetaphosphate
(HM) *POLYPHOSPHATES
(II) CARIOSTATIC AGENTS
(NO) RN given refers to parent cpd; structure

trimetazon see tribuzone

trimetazone see tribuzone

trimethaphan camphor sulfonate see trimethaphan camsylate

trimethaphan camsylate
(RN) 68-91-7
(SY) Arfonad
(SY) trimethaphan camphor sulfonate
(HM) *TRIMETHAPHAN
(PA) VASODILATOR AGENTS

trimethazon see tribuzone

trimethazone see tribuzone

trimethidinium
(RN) 2624-50-2
(RR) 58594-48-2 (di-I salt)
(SY) camphonium
(HM) *AMMONIUM COMPOUNDS
(NO) RN given refers to parent cpd; camphonium refers to the di-I salt

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trimethidinium compounds
(HM) *AMMONIUM COMPOUNDS
(PA) ANTIHYPERTENSIVE AGENTS
(PA) GANGLIONIC BLOCKADERS
(NO) minor descriptor (66–85); on-line & Index Medicus search AMMONIUM COMPOUNDS (66–85)

trimethionine
(RN) 14486-15-8
(SY) Met-Met-Met
(SY) methionyl-methionyl-methionyl
(HM) *OLIGOPEPTIDES

trimethisoquin
(RN) 69311-91-7
(HM) *ISOQUINOLINES
(PA) ANESTHETICS, LOCAL
(NO) methyl derivative of dimethisoquin; structure

trimethisoquin azide see 5-azidotrimethisoquin

trimethobenzamide
(RN) 138-56-7
(RR) 554-92-7 (mono-HCl)
(HM) *BENZAMIDES
(PA) ANTIEMETICS
(NO) major descriptor (66–84); on-line search BENZAMIDES (66–84); Index Medicus search TRIMETHOBENZAMIDE (66–84); RN given refers to parent cpd

trimethoprim–sulfadiazine mixture see Co-trimazine

trimethoprim sulfamethizole
(RN) 79735-35-6
(HM) *TRIMETHOPRIM
(HM) *SULFAMETHIZOLE
(HM) DRUG COMBINATIONS
(NO) used in treating liver pulmonary lesions

trimethoprim–sulfamethoxazole see Bactrim

2,4,5–trimethoxybenzaldehyde
(RN) 4460-86-0
(SY) TMBZ
(HM) *BENZALDEHYDES

3-(3,4,5–trimethoxybenzamido)piperidine see KU-54

1,3,5–trimethoxybenzene
(RN) 621-23-8
(HM) PHLOROGLUCINOL/*analogs

3,4,5–trimethoxybenzoic acid
(RN) 118-41-2
(RR) 50597-61-0 (Na salt)
(HM) GALLIC ACID/*analogs
(NO) RN given refers to parent cpd; structure

1–(2',4',5–trimethoxybenzyl)–6,7–dihydroxy–1,2,3,4–tetrahydroisoquinoline
(RN) 78685-99-1
(SY) 2,4,5-trimetoquinol
(HM) *TRETOQUINOL
(PA) ADRENERGIC BETA RECEPTOR AGONISTS
(NO) 2',4',5'-trimethoxy analog of trimethoquinol; structure given in first source

3,4,5–trimethoxycinnamic aldehyde
(RN) 34346-90-2
(HM) *ALDEHYDES
(PA) CARCINOGENS
(NO) structure

3,4,5–trimethoxycinnamoyl–1–ethyl acetate–4– piperazine maleate see cinepazet

1–(3',4',5'–trimethoxycinnamoyl)–4–(N–isopropylaminocarbonylmethyl)piperazine maleate see cinpropazide

4,7,8–trimethoxy–furo(2,3–b)quinoline see skimmianine

2,3,4–trimethoxyphenethylamine see isomescaline

2–(2,4,5–trimethoxyphenyl)cyclobutylamine
(RN) 90791-20-1
(RR) 90791-19-8 (HCl(cis)-isomer)
(RR) 90791-22-3 ((trans)-isomer)
(RR) 90791-21-2 (HCl(trans)-isomer)
(SY) 2-TPCB
(HM) *CYCLOBUTANES
(NO) in contrast to the related cpd DOM it is not a hallucinogen; RN & structure given in first source; RN not in Chemline 10/84; RN given refers to (cis)-isomer; RN for cpd without isomeric designation not available 10/84

2,4,6–trimethoxyphenyl–3–pyrrolidine propyl ketone see buflomedil

2,3,11–trimethoxy–5,6,13,13a–tetrahydro–8H–dibenzo(a,g)quinolizine see protoberberine

4–(3,4,5–trimethoxythiobenzoyl)tetrahydro–1,4–oxazine see trithiozine

N–trimethylacetyl–4–aminobutyric acid
(RN) 69542-93-4
(SY) N-trimethylacetyl GABA
(HM) GABA/*analogs
(PA) ANTICONVULSANTS

N–trimethylacetyl GABA see N-trimethylacetyl-4-aminobutyric acid

trimethylacetyl phosphate
(RN) 5927-18-4
(HM) *PHOSPHORIC ACID ESTERS

trimethylalanine
(RN) 6458-06-6
(HM) ALANINE/*analogs
(NO) found in E coli ribosomal proteins L11

trimethylamine
(RN) 75-50-3
(RR) 20230-89-1 (HI)
(RR) 2840-24-6 (HBr)
(RR) 593-81-7 (HCl)
(HM) *METHYLAMINES
(NO) associated with egg "taints" - comparable to an egg having bad breath; degradation product of nitrogenous plant & animal substances; converted to free tertiary amine during putrefaction; detected in menstrual blood & urine stored at room temp; used as insect attractant; warming agent for gas; RN given refers to parent cpd; structure

trimethylamine dehydrogenase
(RN) EC 1.5.99.7
(SY) trimethylamine oxidase
(SY) TMAO reductase
(HM) *OXIDOREDUCTASES, N-DEMETHYLATING

trimethylamine mono–oxygenase see tertiary amine monooxygenase

trimethylamine oxidase see trimethylamine dehydrogenase

trimethylamine oxide see trimethyloxamine

trimethylamine N–oxide see trimethyloxamine

trimethylamine N–oxide reductase
(RN) EC 1.6.6.9
(RR) 37256-34-1 (CRN)
(HM) *NADH, NADPH OXIDOREDUCTASES

trimethylaminobutyrate
(RN) 6249-56-5
(RR) 66258-95-5 (iodide)
(SY) 4-N-trimethylaminobutyrate
(SY) N-trimethyl-GABA
(HM) GABA/*analogs
(PA) ANTI-ARRHYTHMIA AGENTS
(NO) RN given refers to chloride; RN for parent cpd not in Chemline 7/83

trimethylaminobutyrate hydroxylase see gamma-butyrobetaine,2-oxoglutarate dioxygenase

4–trimethylaminobutyrate, 2–oxoglutarate oxygen oxidoreductase (3–hydroxylating) see gamma-butyrobetaine,2-oxoglutarate dioxygenase

4–trimethylaminobutyrate see gamma-butyrobetaine

4–N–trimethylaminobutyrate see trimethylaminobutyrate

trimethylaminomethane see tetramethylammonium

3–trimethylaminomethylcatechol
(RN) 84304-14-3
(RR) 94483-72-4 (3H-labeled iodide)
(RR) 1972-59-4 (iodide)
(SY) 3-TMAMC
(SY) 3-((trimethylammonio)methyl)catechol
(HM) CATECHOLS
(II) AFFINITY LABELS
(NO) structure given in first source

1–(4–(trimethylamino)phenyl)–6–phenylhexa–1,3,5–triene
(RN) 71316-28-4
(SY) TMA-DPH
(SY) trimethylammonium-diphenylhexatriene
(HM) *DIPHENYLHEXATRIENE/analogs
(II) FLUORESCENT DYES
(NO) fluorescence probe for lipid bilayers

3–trimethylaminopropan–1–ol see homocholine

3–((trimethylammonio)methyl)catechol see 3-trimethylaminomethylcatechol

5'–trimethylammonium–delta(8)–tetrahydrocannabinol
(SY) 5'-TMA-THC
(HM) TETRAHYDROCANNABINOL/*analogs
(NO) structure given in first source

trimethylammonium–diphenylhexatriene see 1-(4-(trimethylamino)phenyl)-6-phenylhexa-1,3,5-triene

O–(3–(trimethylammonium)phenyl)–1,3,2–dioxaphosphorinane 2–oxide
(RN) 80531-03-9
(SY) 3-TDPI
(SY) 3-TDPI iodide
(HM) *ORGANOPHOSPHORUS COMPOUNDS
(PA) CHOLINESTERASE INHIBITORS
(NO) RN given refers to iodide; RN for parent cpd not in Chemline 4/83

4,4',6–trimethylangelicin
(SY) 4,4',6-TMA
(HM) *PSORALENS
(II) PHOTOCHEMOTHERAPY
(NO) new monofunctional furocoumarin; potential agent for photochemotherapy of psoriasis; capable of photoreacting with DNA to a large extent forming only monoadducts; produces singlet oxygen to an insignificant extent; structure given in first source

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2,4,6-trimethylaniline
(RN) 88-05-1
(RR) 6334-11-8 (HCl)
(SY) mesidine
(HM) *ANILINE COMPOUNDS
(PA) CARCINOGENS
(NO) RN given refers to parent cpd

trimethylanilinium see phenyltrimethylammonium

trimethyl-d9-anilinium hydroxide see phenyltrimethylammonium

trimethylanilinium iodide see phenyltrimethylammonium

trimethylarsine
(RN) 593-88-4
(HM) *ARSENICALS

6,6,9-trimethyl-9-azabicyclo(3.3.1)non-3 beta-yl alpha,alpha-di-(2-thienyl) glycolate.HCl see mazaticol

1,3,3-trimethyl-6-azabicyclo(3.2.1)octane
(RN) 53460-46-1
(SY) 1,3,3-TABO
(HM) *BORNANES
(PA) ANTIHYPERTENSIVE AGENTS
(NO) structure given in first source

7,11,12-trimethylbenz(a)anthracene
(RN) 74845-57-1
(SY) 7,11,12-TMBA
(HM) 9,10-DIMETHYL-1,2-BENZANTHRACENE/*analogs
(PA) CARCINOGENS

7,8,12-trimethylbenz(a)anthracene
(RN) 13345-64-7
(HM) 9,10-DIMETHYL-1,2-BENZANTHRACENE/*analogs
(NO) lipid soluble mammary carcinogen

tri-O-methyl-beta-cyclodextrin
(RN) 74948-17-7
(SY) TOMBC
(HM) *CYCLODEXTRINS
(NO) no other information available 4/8/83

1,1,6-trimethyl-2-(beta-trimethylammoniumethoxycarbonyl)piperidinium diiodide see dimecolin

trimethylchlorosilane
(RN) 75-77-4
(HM) *TRIMETHYLSILYL COMPOUNDS

N,N,2-trimethyl-3-chromanamine.HCl see trebenzomine

trimethylcolchicinic acid methyl ether
(RN) 3476-50-4
(RR) 49720-72-1 (tartrate[1:1])((S)-(R-(R*,R*)))-isomer)
(RR) 36191-19-2 (tartrate[2:1])((S)-(R-(R*,R*)))-isomer)
(RR) 27963-65-1 (unspecified tartrate((S)-(R-(R*,R*)))-isomer)
(SY) NSC-36354
(SY) deacetylcolchicine
(SY) desacetylcolchicine
(HM) COLCHICINE/*analogs
(NO) RN given refers to (S)-isomer; RN for cpd without isomeric designation not in Chemline 7/83; synonyms NSC-36354 & TMCA refers to tartrate [1:1]

3,3,5-trimethylcyclohexanol
(RN) 116-02-9
(RR) 933-48-2 ((cis)-isomer)
(RR) 767-54-4 ((trans)-isomer)
(SY) cis-3,3,5-trimethylcyclohexanol
(HM) *CYCLOHEXANOLS
(NO) RN given refers to cpd without isomeric designation

cis-3,3,5-trimethylcyclohexanol see 3,3,5-trimethylcyclohexanol

4-(2,6,6-trimethyl-1-cyclohexen-1-yl)-3-buten-2-one see beta-ionone

6-(2-(2,6,6-trimethyl-1-cyclohexen-1-yl) ethen-1-yl)-2-naphthalenecarboxylic acid
(RN) 86471-13-8
(SY) 6-TCENA
(HM) *NAPHTHALENES
(NO) reverses keratinization process in hamster tracheal organ culture; inhibits induction of ornithine decarboxylase; structure & RN given in first source; RN not in Chemline 12/5/83; RN given refers to (E)-isomer

3,5,5-trimethylcyclohexylnicotinate see ciclonicate

11,16,16-trimethyl-11-desoxyprostaglandin E2 see Ro 21-6937

trimethylenediamine
(RN) 109-76-2
(RR) 10517-44-9 (di-HCl)
(RR) 58546-86-4 (unspecified HCl)
(SY) 1,3-diaminopropane
(SY) 1,3-propanediamine
(HM) *DIAMINES
(NO) RN given refers to parent cpd; structure

4,4'-(trimethylenedioxy)dibenzamidine see propamidine

1,10-trimethylene-8-methyl-1,2,3,4-tetrahydropyrazino (1,2-a)indole see pirlindole

trimethylethylammonium
(RN) 15302-88-2
(RR) 30382-83-3 (hydroxide)
(RR) 27697-51-4 (chloride)
(RR) 22822-43-1 (acetate)
(RR) 2650-77-3 (bromide)
(RR) 81682-47-5 (sulfite[1:1])
(RR) 51-93-4 (iodide)
(SY) ethyltrimethylammonium
(SY) TMEA chloride
(HM) *AMMONIUM COMPOUNDS
(NO) RN given refers to parent cpd

trimethylfluorosilane
(RN) 420-56-4
(SY) fluorotrimethylsilane
(HM) *TRIMETHYLSILYL COMPOUNDS

N-trimethyl-GABA see trimethylaminobutyrate

N,N-4-trimethyl-gamma-phenylbenzenepropan see tolpropamine

3,4,6-tri-O-methylglucose
(SY) 3,4,6-TMG
(SY) 3,4,6-tri-O-methyl-D-glucose
(HM) *METHYLGLUCOSIDES
(NO) structure given in first source

3,4,6-tri-O-methyl-D-glucose see 3,4,6-tri-O-methylglucose

N(2),N(2),7-trimethylguanosine
(RN) 20244-86-4
(HM) GUANOSINE/*analogs

N,1,5-trimethyl-4-hexenylamine see isometheptene

trimethylhydroquinone see 2,3,5-trimethylquinol

2,3,5-trimethyl-6-(12-hydroxy-5,10-dodecadiynyl)-1,4-benzoquinone see AA 861

N,N,N'-trimethyl-N'-(2-hydroxy-3-methyl- 5-iodobenzyl)-1,3-propanediamine
(RN) 84718-97-8
(SY) HIPDM
(SY) (I-123)-HIPDM
(HM) *IODOBENZENES
(NO) brain perfusion imaging agent; structure given in first source

2,4,5-trimethylimidazole
(RN) 822-90-2
(SY) 2,4,5-TMI
(HM) *IMIDAZOLES
(PA) MUTAGENS

3,4,8-trimethylimidazo(4,5-f)quinoxalin-2-amine
(RN) 95896-78-9
(SY) 4,8-DiMeIQX
(SY) 3,4,8-MeIQX
(HM) *QUINOXALINES
(PA) MUTAGENS
(NO) structure given in first source

trimethyllead
(RN) 7442-13-9
(RR) 14570-16-2 (plumbylium ion)
(SY) trimethyl lead
(HM) *TETRAETHYL LEAD/analogs

trimethyl lead see trimethyllead

trimethyllysine
(RN) 19253-88-4
(RR) 28101-37-3 ((+-)-isomer)
(RR) 23284-33-5 (hydroxide inner salt(S)-isomer)
(RR) 27462-53-9 (hydroxide inner salt(+-)-isomer)
(RR) 55528-53-5 (chloride(S)-isomer)
(SY) epsilon-N-trimethyl-lysine
(SY) epsilon-N-trimethyl-L-lysine
(SY) 6-N-L-trimethyl-L-lysine
(HM) LYSINE/*analogs
(II) MITOGENS
(NO) stimulates growth of tumor cells; RN given refers to (S)-isomer; RN for parent cpd without isomeric designation not in Chemline 7/83

6-N-trimethyllysine-agalacto-orosomucoid
(SY) TML-AGOR
(HM) OROSOMUCOID/*analogs

trimethyl-lysine hydroxylase
(RN) EC 1.14.11.-
(SY) trimethyllysine hydroxylase
(SY) Me3lysine beta-hydroxylase
(HM) *HYDROXYLASES

trimethyllysine hydroxylase see trimethyl-lysine hydroxylase

6-N-L-trimethyl-L-lysine see trimethyllysine

N,N',N"-trimethylmelamine see 2,4,6-trimethylmelamine

2,4,6-trimethylmelamine
(RN) 2827-46-5
(RR) 64124-22-7 (unspecified acetate)
(RR) 35675-24-2 (mono-HCl)
(RR) 16268-91-0 (unspecified HCl)
(SY) N,N',N"-trimethylmelamine
(HM) *HEXAMETHYLMELAMINE/analogs
(NO) metabolite of hexamethylmelamine; RN given refers to parent cpd

trimethylmethoxyphenyl-N-ethyl retinamide see Ro 11-1430

4-(3-(2,6,6-trimethyl-1-methyl-1-cyclohexen-1-yl)-2-(propenylidene)-2-cyclohepten-1-ylidene)acetaldehyde
(RN) 79270-63-6
(RR) 74982-26-6 ((E,E,Z)-isomer)
(RR) 74982-25-5 ((Z,E,E)-isomer)
(RR) 74982-27-7 ((Z,E,Z)-isomer)
(SY) MTCPCA
(HM) *RETINOIDS
(NO) RN given refers to all (E)-isomer; RN from CA; RN for cpd not in Chemline 5/84; structure given in first source

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3,5,5-trimethyl-2-morpholinon-3-yl radical dimer
(RN) 85337-18-4
(SY) TM 3 radical dimer
(SY) TM-3 dimer
(HM) *MORPHOLINES
(NO) reacts with adriamycin to produce non-toxic 7-deoxyadriamycinone for adriamycin toxicity prevention; structure given in first source

23-(trimethyl(117mSn)stannyl)-24-nor-5 alpha-cholan-3 beta-ol see 23-(trimethylstannyl)-24-norcholan-3-ol

trimethyloctylammonium see octyltrimethylammonium

trimethylol proane trimethacrylate see trimethylolpropane trimethacrylate

trimethylol propane triacrylate see trimethylolpropane triacrylate

trimethylolpropane triacrylate
(RN) 15625-89-5
(SY) TMPTA
(SY) trimethylol propane triacrylate
(HM) *ACRYLATES
(NO) acrylate derivative found in ultraviolet curing inks; causes contact dermatitis

trimethylolpropane trimethacrylate
(RN) 3290-92-4
(SY) TMPTMA
(SY) trimethylol proane trimethacrylate
(HM) *METHACRYLATES
(NO) acrylate derivative found in ultraviolet curing inks; structure in 1st source

trimethyloxamine
(RN) 1184-78-7
(SY) trimethylamine oxide
(SY) trimethylamine N-oxide
(HM) *METHYLAMINES
(NO) used in manufacture of quaternary ammonium cpds; insect attractant; warming agent for gas; oxidant; structure

trimethyloxonium
(RN) 43625-65-6
(RR) 12116-05-1 (hexafluorophosphate(-1))
(RR) 54075-76-2 (hexachloroantimonate(-1))
(HM) *ONIUM COMPOUNDS
(NO) active-site directed methylating agent; RN given refers to parent cpd

2,2,4-trimethylpentane
(RN) 540-84-1
(SY) isooctane
(HM) *OCTANES
(NO) nephrotoxic

11,16,16-trimethyl PGE2 see Ro 21-6937

trimethylphenylammonium hydroxide see phenyltrimethylammonium

trimethylphenylammonium iodide see phenyltrimethylammonium

N,3,3-trimethyl-1-phenyl-1-indanpropylamine see prindamine

trimethylphenyl-N-methylcarbamate see Landrin

trimethyl phosphate
(RN) 512-56-1
(HM) *PHOSPHORIC ACID ESTERS
(PA) MUTAGENS
(II) SPERMATOGENESIS/drug eff
(NO) request from searcher; structure

O,S,S-trimethyl phosphorodithioate
(RN) 22608-53-3
(SY) O,S,S-trimethylphosphorodithioate
(HM) *THIOPHOSPHORIC ACID ESTERS

O,S,S-trimethylphosphorodithioate see O,S,S-trimethyl phosphorodithioate

O,O,O-trimethyl phosphorothioate
(RN) 152-18-1
(HM) *THIOPHOSPHORIC ACID ESTERS

O,O,S-trimethyl phosphorothioate
(RN) 152-20-5
(HM) *THIOPHOSPHORIC ACID ESTERS

11,16,16-trimethyl prostaglandin E2 see Ro 21-6937

2,4,6-trimethylpyridine see gamma-collidine

3,7,3'-trimethylquercetagetin O-6-methyltransferase
(RN) EC 2.1.1.-
(SY) flavonol 6-O-methyltransferase
(SY) flavonol 6-OMT
(HM) *METHYLTRANSFERASES

2,3,5-trimethylquinol
(RN) 700-13-0
(SY) trimethylhydroquinone
(HM) *HYDROQUINONES
(NO) reducing agent

trimethylselenonium
(RN) 25930-79-4
(RR) 18987-38-7 (chloride)
(RR) 53465-99-9 (75Se-labeled cpd nitrate)
(RR) 53465-97-7 (75Se-labeled cpd iodide)
(SY) trimethylselenonium chloride
(HM) *ORGANOMETALLIC COMPOUNDS
(HM) *SELENIUM
(NO) product of selenite metabolism in rats; RN given refers to parent cpd

trimethylselenonium chloride see trimethylselenonium

2-(trimethylsilyl)ethanol
(RN) 2916-68-9
(SY) 2-TMSE
(HM) *TRIMETHYLSILYL COMPOUNDS
(PA) CHOLINESTERASE INHIBITORS

2-(trimethylsilyl)ethyl acetate
(RN) 16046-10-9
(SY) TMSEA
(HM) *TRIMETHYLSILYL COMPOUNDS
(PA) CHOLINESTERASE INHIBITORS

20-((2-trimethylsilyl)ethyl)pregn-5-en-3, 20-diol
(SY) 20-OH-TMS
(HM) PREGNENOLONE/*analogs
(HM) *TRIMETHYLSILYL COMPOUNDS
(PA) CYTOCHROME P-450/antag
(NO) structure given in first source

2-(trimethylsilyl)methyl acetate
(RN) 2917-65-9
(SY) TMSMA
(HM) *TRIMETHYLSILYL COMPOUNDS
(PA) CHOLINESTERASE INHIBITORS

N-trimethylsilylmethyl-N-nitrosourea
(SY) TMS-MNU
(HM) METHYLNITROSOUREA/*analogs
(HM) *TRIMETHYLSILYL COMPOUNDS
(PA) MUTAGENS

23-(trimethylstannyl)-24-norcholan-3-ol
(RN) 86689-99-8
(RR) 82975-80-2 (117mSn-labeled cpd (3beta,5alpha)-isomer)
(RR) 82994-85-2 (117mSn-labeled cpd (3alpha,5beta)-isomer)
(SY) 23-(trimethyl(117mSn)stannyl)-24-nor-5 alpha-cholan-3 beta-ol
(SY) 23-TSnNCO
(HM) *CHOLANES
(HM) *TRIMETHYLTIN COMPOUNDS
(II) RADIONUCLIDE IMAGING
(NO) RN given refers to unlabeled (5alpha,3beta)-isomer; RN & structure from first source; RN not in Chemline 11/7/83

trimethyltetradecylammonium bromide see tetradecyltrimethylammonium

trimethyltin chloride
(RN) 1066-45-1
(RR) 73189-14-7 (117Sn-labeled cpd)
(HM) *TRIMETHYLTIN COMPOUNDS
(NO) induces atrophy of thymus, spleen & lymph nodes but causes no change in bone marrow

trimethyltin hydroxide
(RN) 56-24-6
(HM) *TRIMETHYLTIN COMPOUNDS
(NO) neurotoxic cpd

1,3,7-trimethylurate see 1,3,7-trimethyluric acid

1,3,7-trimethyluric acid
(RN) 5415-44-1
(SY) 1,3,7-trimethylurate
(HM) URIC ACID/*analogs

N,N,N-trimethyl-(2-(2,6-xylyloxy)ethyl)ammonium see xylocholine

trimethyl(2-(2,6-xylyloxy)propyl)ammonium see methylxylocholine

2,4,5-trimetoquinol see 1-(2',4',5-trimethoxybenzyl)-6,7-dihydroxy-1,2,3,4-tetrahydroisoquinoline

trimetozine
(RN) 635-41-6
(SY) trioxazine
(HM) *MORPHOLINES
(PA) TRANQUILIZING AGENTS
(PA) TRANQUILIZING AGENTS, MINOR
(NO) structure

trimetrexate
(RN) 52128-35-5
(RR) 52128-36-6 (monoacetate)
(SY) JB-11
(SY) 2,4-diamino-5-methyl-6-((3,4,5-trimethoxyanilino)methyl)quinazoline
(SY) 5-methyl-6-(((3,4,5-trimethoxyphenyl)amino) methyl)-2,4-quinazoline diamine
(SY) NSC-249008
(SY) NSC 249008
(SY) NSC-328564
(HM) *QUINAZOLINES
(PA) FOLIC ACID ANTAGONISTS
(PA) ANTINEOPLASTIC AGENTS
(NO) structure; RN given refers to parent cpd

trimezole see Bactrim

trimix
(HM) *HELIUM
(HM) *OXYGEN
(HM) *NITROGEN
(NO) mixture of 3 gases used for breathing by divers

trimopam
(RN) 20012-08-2
(RR) 39624-66-3 (maleate[1:1](R)-isomer)
(RR) 56030-50-3 ((R)-isomer)
(SY) d-7,8-dimethoxy-3-methyl-1-phenyl-2 2,4,5-tetrahydro-1H-3-benzazepine
(SY) SCH-12679
(SY) N-methyl-1-phenyl-7,8-dimethoxy-2,3,4,5-tetrahydro-3-benzazepine
(SY) 2,3,4,5-tetrahydro-7,8-dimethoxy-3-methyl-1-phenyl-1H-3-benzazepine
(HM) *BENZAZEPINES
(PA) TRANQUILIZING AGENTS, MAJOR
(NO) RN given refers to parent cpd with unspecified isomeric designation; structure

trimoprostil see Ro 21-6937

Trimosulfa see Bactrim

TRIMU 4 see tyrosyl-alanyl-N-(1,3-dimethylbutyl)glycinamide

TRIMU-4 see tyrosyl-alanyl-N-(1,3-dimethylbutyl)glycinamide

trimyristin
(RN) 555-45-3
(SY) glyceryl trimyristate
(HM) *TRIGLYCERIDES

trinactin
(RN) 7561-71-9
(HM) *NONACTIN/analogs
(NO) homolog of nonactin

sym-trinitrobenzene
(RN) 99-35-4
(SY) 1,3,5-trinitrobenzene
(SY) 2,4,6-trinitrobenzene
(HM) *TRINITROBENZENES

1,2,4-trinitrobenzene
(RN) 610-31-1
(RR) 25377-32-6 (cpd with unspecified nitro locants)
(HM) *TRINITROBENZENES
(II) INDICATORS AND REAGENTS

1,3,5-trinitrobenzene see sym-trinitrobenzene

2,4,6-trinitrobenzene see sym-trinitrobenzene

2',3'-O-(2,4,6-trinitrocyclohexadienylidene)-GTP see 2',3'-O-(2,4,6-trinitrocyclohexadienylidene)guanosine 5'-triphosphate

2',3'-O-(2,4,6-trinitrocyclohexadienylidene)guanosine 5'-triphosphate
(SY) 2',3'-O-(2,4,6-trinitrocyclohexadienylidene)-GTP
(SY) TNP-GTP
(HM) GUANOSINE TRIPHOSPHATE/*analogs
(II) FLUORESCENT DYES
(NO) structure given in first source

2',3'-O-(2,4,6-trinitrocyclohexadienylidine)adenosine 5'-diphosphate
(RN) 84430-17-1
(SY) TNP-ADP
(HM) ADENOSINE DIPHOSPHATE/*analogs
(II) FLUORESCENT DYES
(NO) structure given in first source

2',3'-O-(2,4,6-trinitrocyclohexadienylidine)adenosine 5'-monophosphate
(RN) 84430-16-0
(SY) TNP-AMP
(HM) ADENOSINE MONOPHOSPHATE/*analogs
(II) FLUORESCENT DYES
(NO) structure given in first source

2',3'-O-(2,4,6-trinitrocyclohexadienylidine)adenosine 5'-triphosphate
(SY) TNP-ATP
(HM) ADENOSINE TRIPHOSPHATE/*analogs
(II) FLUORESCENT DYES

2',3'-O-(2,4,6-trinitrocyclohexadienylidine)adenosine
(RN) 74792-78-2
(SY) TNP-Ado
(HM) ADENOSINE/*analogs
(II) FLUORESCENT DYES
(NO) structure given in first source

2,4,7-trinitrofluorenone
(RN) 129-79-3
(SY) 2,4,7-trinitro-9-fluorenone
(HM) *FLUORENES
(PA) CARCINOGENS
(PA) MUTAGENS
(NO) structure

2,4,7-trinitro-9-fluorenone see 2,4,7-trinitrofluorenone

2',3'-O-(2,4,6-trinitrophenyl)adenosine 5'-triphosphate
(SY) 2,4,6-TAT
(HM) ADENOSINE TRIPHOSPHATE/*analogs
(NO) analog of ATP

N-(2,4,6-trinitrophenyl-6-N-aminocaproyl) dipalmitoylphosphatidylethanolamine
(RN) 81497-26-9
(SY) TNP-Cap-DPPE
(HM) *PHOSPHATIDYLETHANOLAMINES
(NO) sensitizes liposomes

trinitrophenyl-aminoethylcarboxymethyl ficoll see TNP-AECM-ficoll

trinitrophenylaminolauryl cholesterol
(SY) TNPAL cholesterol
(HM) *LAURIC ACIDS
(HM) CHOLESTEROL/*analogs
(NO) used as substrate for cholesteryl esterase in cells from normal individuals & patients with cholesteryl ester storage disease

trinitrophenylaminolauryl triglyceride
(SY) TNPAL triglyceride
(HM) *LAURIC ACIDS
(HM) TRIGLYCERIDES
(NO) used as substrate for several lipases in cells from normal individuals & patients with Wolman's disease

trinitrophenyl-bovine serum albumin
(SY) TNP-BSA
(HM) *SERUM ALBUMIN, BOVINE
(II) HAPTENS
(II) TRINITROBENZENES
(NO) TNP-haptenized bovine serum albumin

trinitrophenyl-carboxymethyl cellulose
(SY) TNP-CMC
(HM) CARBOXYMETHYLCELLULOSE/*analogs
(NO) noncrystalline cellulosic substrate

N-trinitrophenylglucagon
(RN) 75285-60-8
(SY) TNP-glucagon
(SY) N-(epsilon)-trinitrophenylglucagon
(SY) N-(alpha)-trinitrophenylglucagon
(SY) N(alpha)-trinitrophenyl glucagon
(HM) GLUCAGON/*analogs
(NO) structure given in first source

trinitrophenyllysine-13 cytochrome C
(SY) TNPLCC
(HM) CYTOCHROME C/*analogs

trinitrophenyl-ovalbumin
(SY) TNP-ovalbumin
(HM) *OVALBUMIN
(II) HAPTENS
(II) TRINITROBENZENES
(NO) TNP-haptenized ovalbumin

trinitrophenyl polyacrylamide
(SY) TNP-polyacrylamide
(HM) *ACRYLIC RESINS
(II) ANTIGENS
(NO) T-indpendent antigen

trinitrophenyl-polylysine-horseradish peroxidase
(SY) TNP-poly-Lys-HRP
(HM) *TRINITROBENZENES
(HM) POLYLYSINE/*analogs
(HM) *HORSERADISH PEROXIDASE
(NO) conjugate for detection of anti-TNP antibodies in vivo (mice)

1,3,6-trinitropyrene
(RN) 75321-19-6
(HM) *PYRENES
(PA) MUTAGENS

1,3,5-trinitro-1,3,5-triazacyclohexane see cyclonite

18,19,20-trinor-17-cyclohexyl-13,14-dehydro PGF2alpha see 18,19,20-trinor-17-cyclohexyl-13,14- dehydroprostaglandin F2alpha methyl ester

18,19,20-trinor-17-cyclohexyl-13,14-dehydro-PGF2alpha see 18,19,20-trinor-17-cyclohexyl-13,14- dehydroprostaglandin F2alpha methyl ester

18,19,20-trinor-17-cyclohexyl-13,14-dehydroprostaglandin F2alpha methyl ester
(RN) 77204-95-6
(SY) TCD-PGF2alpha
(SY) 18,19,20-trinor-17-cyclohexyl-13,14-dehydro PGF2alpha
(SY) 18,19,20-trinor-17-cyclohexyl-13,14-dehydro-PGF2alpha
(HM) *PROSTAGLANDINS F, SYNTHETIC
(NO) causes hypertension

trinordiol see stediril

2,3,4-trinor-1,5-inter-2-phenylene-6,9-epoxy-11,15-dihydroxy-15-dihydroxy-15-cyclohexyl-(16,17,18,19,20-pentanor)prosta-5,13-dienoate see CG 4203

tri-norinyl see Modicon

triocide see resin-triiodide

trioctanoin see tricaprylin

trioctylamine see tri-N-octylamine

tri-N-octylamine
(RN) 1116-76-3
(SY) trioctylamine
(HM) *AMINES
(II) INDICATORS AND REAGENTS

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trioctylmethylammonium
(RN) 5137-55-3
(RR) 35675-86-6 (iodide)
(SY) trioctylmethylammonium chloride
(SY) Aliquat 336
(SY) methyltricaprylylammonium
(SY) methyltricaprylylammonium chloride
(SY) tricaprylylmethylammonium
(HM) *AMMONIUM COMPOUNDS
(II) INDICATORS AND REAGENTS
(II) SOLVENTS
(NO) used in high performance liquid chromatography for the separation of tRNA; RN given refers to chloride; RN for parent cpd not in Chemline 8/10/83

trioctylmethylammonium chloride see trioctylmethylammonium

trioctyl phosphine oxide
(RN) 78-50-2
(SY) TOPO
(HM) ORGANOPHOSPHORUS COMPOUNDS
(II) INDICATORS AND REAGENTS

trioctyl trimellitate
(RN) 89-04-3
(SY) TOTM
(SY) tri-n-octyl trimellitate
(HM) *BENZOATES
(II) PLASTICIZERS

tri-n-octyl trimellitate see trioctyl trimellitate

triokinase
(RN) EC 2.7.1.28
(RR) 9030-65-3 (CRN)
(SY) triosekinase
(SY) glyceraldehyde kinase
(HM) *PHOSPHOTRANSFERASES, ATP

triolandren
(HM) TESTOSTERONE/*analogs

trioleyl glyceryl ether see glyceryl trioleyl ether

trionetta see stediril

triorthocresyl phosphate see tri-o-cresyl phosphate

triorthotolyl phosphate see tri-o-cresyl phosphate

triosekinase see triokinase

triose reductone see reductone

triostin A
(RN) 13758-27-5
(RR) 12795-78-7 (unspecified triostin)
(HM) QUINOXALINES
(PA) ANTIBIOTICS
(NO) RN given refers to triostin A; see also record for triostin C

triostin C
(RN) 10382-35-1
(RR) 12795-78-7 (unspecified triostin)
(HM) QUINOXALINES
(PA) ANTIBIOTICS
(NO) antibiotic product from a Streptomyces S-2-210 resembling Staphylococcus aureus; RN given refers to triostin C; see also record for triostin A; structure

trioxacarcin
(SY) trioxacarcin A
(SY) trioxacarcin B
(SY) trioxacarcin C
(HM) GLYCOSIDES
(PA) ANTIBIOTICS, ANTIFUNGAL
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) from actinomycete strain DO-45

trioxacarcin A see trioxacarcin

trioxacarcin B see trioxacarcin

trioxacarcin C see trioxacarcin

s-trioxane
(RN) 110-88-3
(SY) trioxymethylene
(HM) *HETEROCYCLIC COMPOUNDS
(PA) MUTAGENS
(II) ROOT CANAL FILLING MATERIALS

trioxazine see trimetozine

trioxifene
(RN) 63619-84-1
(RR) 68307-81-3 (methanesulfonate)
(SY) LY 88571
(SY) 3,4-dihydro-2-(p-methoxyphenyl)-1-naphthyl p-(2- (1-pyrrolidinyl)ethoxy)phenylketone
(SY) Lilly 88571
(SY) trioxifene mesylate
(SY) Lilly 133314
(SY) LY 133314
(HM) *PYRROLIDINES
(PA) ESTROGEN ANTAGONISTS
(PA) ANTINEOPLASTIC AGENTS
(NO) RN given refers to parent cpd

trioxifene mesylate see trioxifene

trioxyethylene dimethacrylate see triethylene glycol dimethacrylate

trioxymethylene see s-trioxane

tripalmitin
(RN) 555-44-2
(SY) glyceryl tripalmitate
(SY) tripalmitylglycerol
(SY) tripalmitoyl glycerol
(HM) *TRIGLYCERIDES
(NO) structure

tripalmitoyl cysteine
(RN) 87079-94-5
(SY) (2,3-bis(palmitoyloxy)propyl)-N-palmitoylcysteine methyl ester
(HM) CYSTEINE/*analogs
(II) MUTAGENS
(NO) synthetic analog of N-terminal lipid part of bacterial lipoprotein

tripalmitoyl glycerol see tripalmitin

tripalmitoyl pentapeptide see 2,3-bis(palmitoyloxy)-2-propyl-N-palmitoyl-cysteinyl-seryl-seryl-asparaginyl-alanine

tripalmityiglycerol see tripalmitin

tripamide
(RN) 73803-48-2
(SY) E 614
(SY) N-(4-azo-endo-tricyclo(5.2.1.0.(2 6))-decan-4-chloro-3-sulfamoylbenzamide
(SY) E614
(HM) *INDOLES
(PA) ANTIHYPERTENSIVE AGENTS
(PA) DIURETICS, SULFAMYL
(II) MUSCLE, SMOOTH, VASCULAR/drug eff

tripdiolide
(RN) 38647-10-8
(SY) NSC-163063
(HM) *DITERPENES
(PA) ALKYLATING AGENTS
(NO) structure

N,N',N'-tri(pentafluorobenzyl)histamine
(SY) TPFBH
(HM) HISTAMINE/*analogs
(NO) used for quantitative analysis of urinary histamine; structure given in first source

tripeptidases
(RN) EC 3.4.-
(HM) *PEPTIDE HYDROLASES

tripeptide aminopeptidase
(RN) EC 3.4.11.4
(RR) 9056-26-2 (CRN)
(SY) aminotripeptidase
(HM) *AMINOPEPTIDASES
(NO) catalyzes the hydrolysis of aminoacyl-dipeptide to yield an amino acid and dipeptide; cleaves exclusively unsubstituted tripeptides; formerly EC 3.4.1.3

tripeptide p-nitroanilides see tripeptide 4-nitroanilides

tripeptide 4-nitroanilides
(SY) p-nitroanilidotripeptides
(SY) tripeptide p-nitroanilides
(HM) *ANILIDES
(NO) chromogenic substrates which include Chromozym PK, Chromozym TH, Chromozym PL, Chromozym TRY, S-2302, S-2238, S-2251, S-2222

tripeptide permease see oligopeptide permease

triphasil see stediril

triphenanthrolinecobalt(III)
(RN) 16788-34-4
(RR) 39011-34-2 (diacetate)
(SY) tris(1,10-phenanthroline)cobalt(III)
(HM) *PHENANTHROLINES
(HM) *COBALT
(II) INDICATORS AND REAGENTS
(NO) redox reagent; RN given refers to parent cpd with Co integral part of molecule

2,3,3-triphenylacrylonitrile
(RN) 6304-33-2
(HM) *ACRYLONITRILE/analogs
(NO) structure given in first source

tri-L-phenylalanine see phenylalanyl-phenylalanyl-phenylalanine

triphenylene
(RN) 217-59-4
(SY) 9,10-benzophenanthrene
(HM) *CHRYSENES
(NO) structure

triphenylethylene
(RN) 58-72-0
(HM) *STILBENES
(PA) ESTROGEN ANTAGONISTS

triphenylmethane dyes
(HM) *TRITYL COMPOUNDS
(II) DYES

triphenylmethylphosphonium
(RN) 15912-74-0
(RR) 1779-49-3 (bromide)
(RR) 1560-52-7 (14C-labeled cpd iodide)
(SY) methyltriphenylphosphonium ion
(HM) *TRITYL COMPOUNDS
(HM) *ONIUM COMPOUNDS
(II) INDICATORS AND REAGENTS
(NO) RN given refers to parent cpd

triphenyl phosphate
(RN) 115-86-6
(SY) phenyl phosphate
(HM) *ORGANOPHOSPHORUS COMPOUNDS
(II) PLASTICIZERS
(NO) structure

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triphenyltetrazolium
(RN) 902-00-1
(RR) 298-96-4 (chloride)
(RR) 1096-80-6 (bromide)
(SY) 2,3,5-triphenyltetrazolium chloride
(SY) triphenyltetrazolium chloride
(HM) *TETRAZOLIUM SALTS
(NO) RN given refers to parent cpd

triphenyltetrazolium chloride see triphenyltetrazolium

2,3,5-triphenyltetrazolium chloride see triphenyltetrazolium

triphenyltin
(RN) 892-20-6
(SY) triphenyltin hydride
(HM) *ORGANOTIN COMPOUNDS
(NO) triphenyltin derivatives widely used as pesticides; all of first source is triphenyltin cpds

triphenyltin acetate see phentin acetate

triphenyltin chloride
(RN) 639-58-7
(HM) *ORGANOTIN COMPOUNDS
(NO) see also triphenyltin acetate, triphenyltin hydroxide

triphenyl tin fluoride see triphenyltin fluoride

triphenyltin fluoride
(RN) 379-52-2
(SY) fluorotriphenylstannane
(SY) triphenyl tin fluoride
(SY) TPTF
(HM) *ORGANOTIN COMPOUNDS
(NO) induces hypertriglyceridemia in rabbits

triphenyltin hydride see triphenyltin

triphenyltin hydroxide
(RN) 76-87-9
(SY) fentin hydroxide
(SY) Vancide KS
(SY) DuTer
(HM) *ORGANOTIN COMPOUNDS
(PA) FUNGICIDES, INDUSTRIAL

triphosphate see triphosphoric acid

triphosphoinositide
(HM) *PHOSPHOINOSITIDES

triphosphoinositide phosphatase see phosphatidyl-inositol-bisphosphate phosphatase

triphosphoinositide phosphodiesterase
(RN) EC 3.1.4.11
(SY) 1-phosphatidylinositol-4,5-bisphosphate phosphodiesterase
(SY) 1-phosphatidylinositol-4-phosphate phosphodiesterase
(HM) *PHOSPHODIESTERASES

triphosphoinositide phosphomonoesterase see inositol triphosphate phosphomonoesterase

triphosphoric acid
(RN) 10380-08-2
(RR) 7758-29-4 (penta-Na salt)
(RR) 14127-68-5 (triphosphate)
(RR) 63804-08-0 (99Tc-labeled cpd)
(RR) 24315-83-1 (Na-K salt)
(RR) 13845-36-8 (penta-K salt)
(RR) 13573-18-7 (unspecified Na salt)
(SY) sodium triphosphate
(SY) sodium tripolyphosphate
(SY) potassium triphosphate
(SY) tripolyphosphate
(SY) triphosphate
(HM) *POLYPHOSPHATES
(NO) used as water softener, peptizing agent, emulsifier & dispersing agent; ingredient of cleansers; meat preservative; RN given refers to parent cpd; structure

tripiperaquine
(RN) 53658-96-1
(RR) 57875-52-2 (phosphate[1:1])
(SY) M 1020
(SY) 1,4-bis(1-(7-chloro-4-quinoline)-4-ethylpiperazinyl)piperazine
(HM) *QUINOLINES
(PA) ANTIMALARIALS
(NO) RN given refers to parent cpd; structure

Triple Dye
(RN) 39389-84-9
(HM) *AMMONIUM COMPOUNDS
(HM) *PROFLAVINE
(HM) *GENTIAN VIOLET
(HM) DRUG COMBINATIONS
(PA) ANTI-INFECTIVE AGENTS
(NO) consists of brilliant green, proflavine hemisulfate, & crystal violet

triplet acetone
(HM) ALCOHOL, PROPYL/*analogs
(II) CYCLIZATION
(NO) peroxidase oxidized 2-methylpropanal generates formic acid & triplet acetone; structure given in first source

tripolyphosphatase
(RN) EC 3.6.1.-
(HM) *PHOSPHATASES

tripolyphosphate see triphosphoric acid

5'-tripospho-(2'-5')adenyladenosine see adenosine triphosphate-2',5'-adenosine monophosphate

tripotassium-dicitrato bismuthate see de-nol

TRIPROP see 3,3',5-triiodothyropropionic acid

1,1,1,-tripropylmethylamine see diprobutine

tripropylmethylammonium
(RN) 3531-14-4
(SY) methyltripropylammonium iodide
(HM) *AMMONIUM COMPOUNDS
(NO) RN given refers to iodide; RN for parent cpd not in Chemline 1/85

S,N,N'-tripropylthiocarbamate see vernam

tripterygium hypoglaucum see tripterygium wilfordii

tripterygium wilfordii
(SY) tripterygium hypoglaucum
(HM) *PLANT EXTRACTS
(II) PLANTS, MEDICINAL
(NO) isolated from the root of Tripterygium wilfordii Hook; used in treatment of arthritis

triptolide
(RN) 38748-32-2
(HM) *DITERPENES
(PA) ANTINEOPLASTIC AGENTS
(PA) ALKYLATING AGENTS
(NO) structure

triptoline see tryptoline

triptophenolide
(RN) 74285-86-2
(SY) tryptophenolide
(HM) *DITERPENES
(II) PLANTS, MEDICINAL
(NO) structure given in first source

2,4,6-tri-2-pyridinyl-1,3,5-triazine see 2,4,6-tripyridyl-s-triazine

2,4,6-tripyridyl-s-triazine
(RN) 3682-35-7
(RR) 40725-52-8 (unspecified HCl)
(RR) 63451-30-9 (monoperchlorate)
(SY) 2,4,6-tri-2-pyridinyl-1,3,5-triazine
(SY) 2,4,6-tris(2-pyridyl)-s-triazine
(HM) *TRIAZINES
(II) CHELATING AGENTS
(NO) color reagent for serum iron; RN given refers to parent cpd

triquilar see stediril

tris(acetylacetonate)cobalt(III)
(RN) 21679-46-9
(RR) 47177-25-3 (Co ion(1-))
(SY) Co(ACAC)3
(SY) cobalt(III) tris(acetylacetonate)
(HM) *PENTANONES
(HM) *COBALT
(NO) cobalt complex used in kinetic studies of iron-sulfur proteins; RN given refers to parent cpd

tris(beta-chloroethyl)amine see 2,2',2''-trichlorotriethylamine

N-(tris((beta-galactopyranosyloxy)methyl) methyl)-N(alpha)-(4-(5-cholesten-3 beta-yloxy)succinyl)glycinamide
(RN) 91202-79-8
(RR) 91202-80-1 (3H-labeled cpd)
(SY) TGMAC
(SY) tris-Gal-Chol
(HM) *CHOLESTEROL ESTERS
(NO) RN & RR given from first source; RN & RR not in Chemline 11/84; structure given in first source

tris(2,2'-bipyridine)ruthenium II
(RN) 15158-62-0
(RR) 14323-06-9 (dichloride)
(RR) 28277-46-5 (trichloride)
(SY) ruthenium II tris(2,2'-bipyridine)
(HM) *2,2'-DIPYRIDYL/analogs
(II) INDICATORS AND REAGENTS
(NO) RN given refers to parent cpd

tris(2,2'-bipyridyl)-Fe(II) complex
(SY) TBP-Fe(II)
(HM) *2,2'-DIPYRIDYL/analogs
(HM) *FERROUS COMPOUNDS

tris(2-butoxyethyl) phosphate
(RN) 78-51-3
(SY) tributoxyethyl phosphate
(HM) *ORGANOPHOSPHORUS COMPOUNDS
(II) PLASTICIZERS
(II) WATER POLLUTANTS, CHEMICAL
(NO) inhibitor of drug-protein binding; present in stoppers of blood sample 'vacutainers'

tris(carboxymethyl)ethylenediamine-sepharose
(RN) 84680-76-2
(SY) TED-sepharose
(HM) SEPHAROSE/*analogs
(NO) chromatographic adsorbent capable of chelating vaious di- & trivalent metal ions

tris(2-chlorethyl)orthophosphate see tris(chloroethyl)phosphate

tris(2-chloroethyl)amine see 2,2',2''-trichlorotriethylamine

tris(chloroethyl)phosphate
(RN) 115-96-8
(SY) tri(chloroethyl)phosphate
(SY) fyrol CEF
(SY) genomoll P
(SY) tris(2-chlorethyl)orthophosphate
(HM) *PHOSPHORIC ACID ESTERS
(II) FLAME RETARDANTS
(NO) has gonadotoxic effects

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N,N,N'-tris(2-chloroethyl)-N'-O-propylene phosphoric acid ester diamide see trofosfamide

tris(chloropropyl)phosphate see fyrol PCF

tris(2-chloropropyl)phosphate see fyrol PCF

Tris-C(4x5) see butyl-platonin

Tris-C(7x5) see platonin J

tris(2,3-dibromopropyl)phosphate
(RN) 126-72-7
(SY) Tris (flame retardant)
(SY) TDBPP
(HM) *PHOSPHORIC ACID ESTERS
(II) FLAME RETARDANTS
(NO) flame retardant

tris(1,3-dichloro-2-propyl)phosphate
(RN) 13674-87-8
(SY) Fyrol FR 2
(HM) *ORGANOPHOSPHORUS COMPOUNDS
(II) FLAME RETARDANTS

tris(2,3-dichloropropyl)phosphate
(RN) 78-43-3
(HM) *ORGANOPHOSPHORUS COMPOUNDS
(II) FLAME RETARDANTS

N,N',N"-tris (2,3-dihydroxy-4-carboxybenzoyl)-1,5,10-triazadecane see LICAM-C

N,N',N"-tris(2,3-dihydroxy-5-sulfobenzoyl)-1,5,10-triazadecane
(RN) 71659-79-5
(RR) 71353-11-2 (tri-Na salt)
(SY) 3,4-LICAMS
(HM) SPERMIDINE/*analogs
(II) LIGANDS
(II) IRON CHELATES
(NO) octahedrally coordinates metal ion via six phenolic oxygens; structure in first source

tris(4,7-diphenyl-1,10-phenanthroline) ruthenium (II)
(RN) 91237-66-0
(SY) bathophenanthroline ruthenium(II)
(SY) ruthenium tris(4,7-diphenylphenanthroline)
(SY) Ru-TDPA
(HM) *RUTHENIUM
(HM) *PHENANTHROLINES
(NO) reagent which distinguishes right- & left-handed DNA helices

Trisekvens see Trisequens

Trisequens
(RN) 66100-41-2
(SY) Trisekvens
(HM) *ESTRADIOL
(HM) *ESTRIOL
(HM) NORETHINDRONE/*analogs
(HM) DRUG COMBINATIONS
(NO) triphasic preparation for estrogen replacement therapy; each 28-day calendar pack contains 12 tablets of estradiol 2 mg & estriol 1 mg, 10 of estradiol 2 mg & estriol 1 mg & norethisterone acetate 1 mg, 6 of estradiol 1 mg & estriol 0.5 mg

tris(2-ethylhexyl)trimellitate see tri-(2-ethylhexyl)trimellitate

Tris (flame retardant) see tris(2,3-dibromopropyl)phosphate

tris-Gal-Chol see N-(tris((beta-galactopyranosyloxy)methyl)methyl)-N (alpha)-(4-(5-cholesten-3 beta-yloxy)succinyl) glycinamide

3',4',7-tris(O-(2- hydroxyethyl))rutin see troxerutin

1,1,1-tris(hydroxymethyl)propane nitrate see propatyl nitrate

trisialaoganglioside GT1a
(RN) 64522-98-1
(SY) ganglioside, GT1a
(HM) *GANGLIOSIDES
(NO) structure

trisialoganglioside
(HM) *GANGLIOSIDES

trisialoganglioside GT1b see ganglioside, GT1

1,1,1-tris(5-methoxysalicylaldiminomethyl)ethane
(SY) gallium-68 1,1,1-tris(5-methoxysalicylaldiminomethyl)ethane
(SY) 1,1,1-TMSME
(HM) *SALICYLATES
(II) GALLIUM RADIOISOTOPES
(NO) radionuclide imaging agent for evaluation of regional myocardial blood flow; structure given in first source

tris(2-methyl-1-aziridinyl)phosphine oxide see metepa

trisodium citrate see citric acid

trisodium phosphonoformate see phosphonoformic acid

tris(1,10-phenanthroline)cobalt(III) see triphenanthrolinecobalt(III)

tris-(1,10-phenanthroline)ruthenium
(RN) 22873-66-1
(RR) 23570-43-6 (dichloride)
(RR) 25747-34-6 (diiodide)
(HM) *RUTHENIUM
(HM) *PHENANTHROLINES
(NO) (103)Ru-labeled indigestible marker for large intestine studies; RN given refers to parent cpd

trisporic acid
(RN) 1083-91-7
(HM) *FATTY ACIDS, UNSATURATED
(NO) oxidized, unsaturated derivatives of 1,1,3'-trimethyl-2-(3'-methyloctyl)cyclohexane; RN given refers to cpd with unknown MF; several other RNs available in Chemline for methyl esters & tetrahydro derivatives

trisporic acid methyl ester see methyl trisporate E

2,4,6-tris(2-pyridyl)-s-triazine see 2,4,6-tripyridyl-s-triazine

tristearin
(RN) 555-43-1
(SY) stearic acid triglyceride
(HM) *TRIGLYCERIDES

1,3,5-tris(trifluoropropyl) trimethylcyclotrisiloxane
(RN) 2374-14-3
(SY) TFTMCS
(HM) *SILOXANES

trisulfapyrimidine
(RN) 8017-57-0
(RR) 65567-91-1 (Na salt)
(HM) *SULFADIAZINE
(HM) *SULFAMERAZINE
(HM) *SULFAMETHAZINE
(HM) DRUG COMBINATIONS
(NO) RN given refers to above drug combination; RR:65567-91-1 refers to Na salt of each of the components; contains above 3 cpds

trisulfo-copper-phthalocyanine tri-sodium salt see copper phthalocyanine trisulfonic acid

trithiocyanuric acid
(RN) 638-16-4
(RR) 56683-38-6 (mono-NH4 salt)
(RR) 17766-76-6 (tri-Na salt)
(HM) *TRIAZINES
(NO) rubber curative; RN given refers to parent cpd

trithiomolybdate see trithiomolybdic acid

trithiomolybdic acid
(RN) 19452-56-3
(SY) trithiomolybdate
(SY) cesium trithiomolybdate
(SY) thiomolybdate (MoOS3)
(HM) *MOLYBDENUM
(NO) RN given refers to parent cpd

trithion see carbophenothion

trithionate see trithionic acid

trithionate reductase system
(RN) EC 1.-
(HM) *MULTIENZYME COMPLEXES
(NO) contains 2 enzymes bisulfite reductase (EC 1.8.99.3) which reduces bisulfite to trithionate & a second component which reduces trithionate to thiosulfate

trithionic acid
(RN) 27621-39-2
(RR) 13786-73-7 (di-NH4 salt)
(RR) 13446-66-7 (di-K salt)
(SY) trithionate
(HM) *SULFUROUS ACIDS
(NO) RN given refers to parent cpd; structure

trithiozine
(RN) 35619-65-9
(SY) ISF-2001
(SY) Tresanil
(SY) 4-(3,4,5-trimethoxythiobenzoyl)tetrahydro-1,4-oxazine
(HM) *MORPHOLINES
(PA) GASTROINTESTINAL AGENTS
(PA) ANTI-ULCER AGENTS
(NO) structure

Tritirachium alkaline proteinase
(RN) EC 3.4.21.-
(SY) proteinase K
(SY) protease K
(SY) proteinase-K
(HM) *PEPTIDE PEPTIDOHYDROLASES
(NO) included in the group of microbial serine proteinases EC 3.4.21.14

tritium oxide
(RN) 14940-65-9
(HM) *TRITIUM
(HM) *WATER

tri-o-tolyl phosphate see tri-o-cresyl phosphate

Triton A 20 see tyloxapol

triton CF 54
(RN) 51938-58-0
(SY) triton CF-54
(HM) *POLYETHYLENE GLYCOLS
(II) DETERGENTS

triton CF-54 see triton CF 54

Triton N see nonoxynols

Triton N-101 see nonoxynols

Triton N-57 see nonoxynols

Triton WR-1339 see tyloxapol

triton WR 1339 see tyloxapol

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Triton X-100 see Octoxynol

Triton X 100 see Octoxynol

Triton X-114 see Nonidet P-40

Triton X-305 see Octoxynol

tritoqualin see tritoqualine

tritoqualine
(RN) 14504-73-5
(SY) 554 L
(SY) hypostamine
(SY) tritoqualin
(SY) 4,5,6-triethoxy-7-amino-3-(5,6,7,8-tetrahydro-4-methoxy-6-methyl-1,3-dioxolo(4,5-g)isoquinolin-5-yl)phthal ide
(HM) *ISOQUINOLINES
(PA) ANTIHISTAMINICS
(NO) structure

tri-torrat
(HM) *TRIMEPRANOL
(HM) HYDROCHLOROTHIAZIDE/*analogs
(HM) *DIHYDRALAZINE
(HM) DRUG COMBINATIONS
(PA) ANTIHYPERTENSIVE AGENTS
(NO) combination of metipranolol, buthiazide & dihydralazine

N-tritylmorpholine see trifenmorph

trivaline dansyl hydrazide see dansylhydrazide trivaline

trivexan
(SY) mecosin
(HM) *PYRANTEL PAMOATE
(HM) *MEBENDAZOLE
(HM) DRUG COMBINATIONS
(PA) ANTHELMINTICS
(NO) combination of pyrantel pamoate & mebendazole used in treatment ofintestinal helminthic infections

Trive 1000
(RN) 54990-92-0
(HM) *AMINO ACIDS
(HM) *DIETARY FATS
(HM) *DIETARY CARBOHYDRATES
(HM) DRUG COMBINATIONS
(II) FOOD, FORMULATED
(NO) solution used in parenteral feeding

tri-xylenyl phosphate
(RN) 25155-23-1
(SY) trixylyl phosphate
(HM) *ORGANOPHOSPHORUS COMPOUNDS
(II) PLASTICIZERS
(NO) RN given refers to cpd with unspecified methyl-locants

trixylyl phosphate see tri-xylenyl phosphate

TR-2 mycotoxin
(RN) 51177-07-2
(SY) TR 2
(HM) *INDOLES
(II) MYCOTOXINS
(NO) tremorgenic mycotoxin; RN given refers to (5aR-(5aalpha,6alpha,12beta,14aalpha))-isomer; RN for parent cpd not in Chemline 11/83; structure given in first source

tRNA, N-acetylphenylalanine-
(SY) N-acetylphenylalanyl-tRNA
(SY) N-acetylphenylalanine-tRNA
(SY) N-acetyl-Phe-tRNA
(SY) AcPhe-tRNA(Phe)
(HM) *AMINO ACYL T RNA

tRNA, N-acetylphenylalanyl-4-thiouridine-
(SY) acetyl-Phe-4-thiouridine-tRNA(Phe)
(SY) acetyl-Phe-(s(4)U)-tRNA(Phe)
(SY) N-acetyl-phenylalanyl-4-thiouridine-tRNA(phe)
(HM) *AMINO ACYL T RNA

tRNA, N-acetylvaline-
(SY) N-acetylvalyl tRNA
(SY) N-acetylvalyl-tRNA
(SY) N-acetyl-Val-tRNA
(SY) N-acetylvaline-tRNA
(HM) *AMINO ACYL T RNA

tRNA(adenine-1-)methyltransferase
(RN) EC 2.1.1.36
(RR) 37257-03-7 (CRN)
(HM) *RNA, TRANSFER, METHYLTRANSFERASES

tRNA adenylyltransferase see tRNA nucleotidyltransferase

tRNA, alanine-
(SY) yeast alanine tRNA
(SY) yeast tRNA(Ala)
(SY) alanyl-tRNA
(SY) alanine tRNA
(SY) alanine-tRNA
(SY) Ala-tRNA
(HM) *AMINO ACYL T RNA
(NO) structure in first source

tRNA-Arg(II) see tRNA, arginine-

tRNA (Arg)III see tRNA, arginine-

tRNA Arg(III) see tRNA, arginine-

tRNA, arginine-
(SY) arginyl-tRNA
(SY) arginine-tRNA
(SY) Arg-tRNA
(SY) tRNA, arginine(III)-
(SY) tRNA (Arg)III
(SY) tRNA Arg(III)
(SY) arginine(III)-tRNA
(SY) arginyl(III)-tRNA
(SY) Arg(III)-tRNA
(SY) tRNA-Arg(II)
(HM) *AMINO ACYL T RNA

tRNA, arginine(III)- see tRNA, arginine-

tRNA(Asn) see tRNA, asparagine-

tRNA(Asp) see tRNA, aspartic acid-

tRNA, asparagine-
(SY) tRNA(Asn)
(SY) asparaginyl-tRNA
(SY) asparaginyl tRNA
(SY) asparagine-tRNA
(SY) Asn-tRNA
(HM) *AMINO ACYL T RNA

tRNA, aspartic acid-
(SY) tRNA(Asp)
(SY) aspartyl tRNA
(SY) aspartyl-tRNA
(SY) aspartic acid-tRNA
(SY) Asp-tRNA
(HM) *AMINO ACYL T RNA

tRNA, azidophenylalanine-
(SY) azidophenylalanine tRNA
(SY) azidophenylalanyl tRNA
(SY) azido-Phe-tRNA
(SY) azido-tRNA(Phe)
(SY) Phe-azido-tRNA(Phe)
(HM) *AZIDES
(HM) *AMINO ACYL T RNA
(II) AFFINITY LABELS

tRNA, 3-(4-benzoylphenyl)propionyl-phenylalanine-
(SY)
3-(4-benzoylphenyl)propionyl-phenylalanyl-tRNA
(SY) BP-PhetRNA
(SY)
3-(4-benzoylphenyl)propionyl-phenylalanine-tRNA
(HM) *AMINO ACYL T RNA

tRNA, O(beta)-phosphoserine-
(SY) O(beta)-phosphoserine-tRNA
(SY) phosphoseryl-tRNA
(SY) SerP-tRNA
(HM) *AMINO ACYL T RNA

tRNA, N-bromoacetylphenylalanine-
(SY) N-bromoacetyl-Phe-tRNA
(SY) N-bromoacetylphenylalanyl-tRNA
(SY) N-bromoacetylphenylalanine-tRNA
(HM) *AMINO ACYL T RNA

tRNA, cinnamylphenylalanine-
(SY) cinnamyl-phenylalanyl-tRNA
(SY) cinnam-Phe-tRNA
(SY) cinnamyl-phenylalanine-tRNA
(SY) cinnamyl-tRNA(Phe)
(HM) *AMINO ACYL T RNA

tRNA(Cys) see tRNA, cysteine-

tRNA, cysteine-
(SY) tRNA(Cys)
(SY) Cys-tRNA
(SY) cysteine-tRNA
(SY) cysteinyl-tRNA
(HM) *AMINO ACYL T RNA

tRNA cytidylyltransferase see tRNA nucleotidyltransferase

tRNA, dihydroqueuine-
(SY) dihydroqueuine-tRNA
(HM) *AMINO ACYL T RNA

tRNA(fMet) see tRNA, formylmethionine-

tRNA, formylmethionine-
(SY) (f)(Met)-tRNA
(SY) tRNA(fMet)
(SY) formylmethionine-tRNA
(SY) formylmethionyl-tRNA
(SY) tRNA, formylmethionyl-
(SY) tRNA(Nfmet)
(HM) *AMINO ACYL T RNA

tRNA, formylmethionyl- see tRNA, formylmethionine-

tRNA(Gln), Glu- see tRNA(glutamine), glutamic acid-

tRNA(Glu) see tRNA, glutamic acid-

tRNA, glutamic acid-
(SY) tRNA(Glu)
(SY) Glu-tRNA
(SY) glutamic acid-tRNA
(SY) glutamyl-tRNA
(HM) *AMINO ACYL T RNA

tRNA, glutamine-
(SY) glutamine-tRNA
(SY) Gln-tRNA
(SY) glutaminyl-tRNA
(HM) *AMINO ACYL T RNA

tRNA(glutamine), glutamic acid-
(SY) glutamyl-tRNA(glutaminyl)
(SY) Glu-tRNA(Gln)
(SY) tRNA(Gln), Glu-
(SY) tRNA(glutaminyl), glutamyl-
(SY) glutamine-tRNA-glutamic acid
(SY) glutamic acid -tRNA(glutamine)
(HM) *AMINO ACYL T RNA

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tRNA(glutaminyl), glutamyl- see tRNA(glutamine), glutamic acid-

tRNA(Gly) see tRNA, glycine-

tRNA, glycine-
(SY) glycine-tRNA
(SY) glycyl-tRNA
(SY) Gly-tRNA
(SY) tRNA(Gly)
(HM) *AMINO ACYL T RNA

tRNA (guanine-1-)-methyltransferase
(RN) EC 2.1.1.31
(RR) 37256-99-8 (CRN)
(SY) tRNA(m1G)methyltransferase
(HM) *RNA, TRANSFER, METHYLTRANSFERASES

tRNA (guanine-2-)-methyltransferase
(RN) EC 2.1.1.32
(RR) 37217-31-5 (CRN)
(SY) N2 methylguanine methylase
(SY) N2-methylguanine transferase
(SY) N2-guanine RNA methyltransferase
(SY) RNA N2-guanine methyltransferase
(HM) *RNA, TRANSFER, METHYLTRANSFERASES

tRNA(guanine-7)-methyltransferase
(RN) EC 2.1.1.33
(HM) *RNA, TRANSFER, METHYLTRANSFERASES

tRNA-guanine ribosyltransferase see queuine tRNA transferase

tRNA-guanine transferase see queuine tRNA transferase

tRNA guanine transglycosylase see queuine tRNA transferase

tRNA, histidine-
(SY) anticodon Q-U-G
(SY) histidine-tRNA
(SY) histidyl-tRNA
(SY) His-tRNA
(HM) *AMINO ACYL T RNA
(II) ANTICODON

tRNA-Hpx ribosyltransferase see tRNA-hypoxanthine ribosyltransferase

tRNA-hypoxanthine ribosyltransferase
(RN) EC 2.4.2.-
(SY) tRNA-Hpx ribosyltransferase
(HM) *PENTOSYLTRANSFERASES
(NO) incorporates hypoxanthine into mature tRNA molecules

tRNA(Ile) see tRNA, isoleucine-

tRNAi(Met) see tRNA(m)(Met), methionine-

tRNA, isoleucine-
(SY) tRNA(Ile)
(SY) Ile-tRNA
(SY) isoleucine-tRNA
(SY) isoleucyl-tRNA
(SY) isoleucyl initiator tRNA
(HM) *AMINO ACYL T RNA
(II) PEPTIDE INITIATION FACTORS

tRNA isopentenyltransferase
(RN) EC 2.5.1.8
(SY) delta(2)-isopentenylpyrophosphate-tRNA delta(2)-isopentenyltransferase
(HM) *TRANSFERASES

tRNA-Leu see tRNA, leucine-

tRNA, leucine-
(RN) 73562-14-8
(SY) leucyl tRNA
(SY) leucine-tRNA
(SY) leucyl-tRNA
(SY) Leu-tRNA
(SY) tRNA-Leu
(SY) tRNA(1)-Leu
(SY) tRNA(2)-Leu
(SY) tRNA(4)-Leu
(SY) tRNA(3)-Leu
(HM) *AMINO ACYL T RNA

tRNA(1)-Leu see tRNA, leucine-

tRNA(2)-Leu see tRNA, leucine-

tRNA(3)-Leu see tRNA, leucine-

tRNA(4)-Leu see tRNA, leucine-

tRNA (Lys) see tRNA, lysine-

tRNA, lysine-
(SY) tRNA (Lys)
(SY) lysyl-tRNA
(SY) lysine-tRNA
(SY) Lys-tRNA
(SY) lysine tRNA
(SY) tRNA(2) Lys
(SY) tRNA(5) Lys
(HM) *AMINO ACYL T RNA

tRNA(2) Lys see tRNA, lysine-

tRNA(5) Lys see tRNA, lysine-

tRNA(Met) see tRNA(m)(Met), methionine-

tRNA(m1G)methyltransferase see tRNA (guanine-1-)-methyltransferase

tRNA 5-methyluridine methyltransferase see tRNA(uracil-5)-methyltransferase

tRNA(m)(Met) see tRNA(m)(Met), methionine-

tRNA(f)(Met), methionine-
(SY) Met-tRNA(f)(Met)
(SY) Met-tRNA(f)
(SY) formylated initiator Met tRNA
(SY) methionine-tRNA(f)(Met)
(SY) methionyl-tRNA(f)(Met)
(HM) *AMINO ACYL T RNA
(NO) tRNA specific for methionine which can be formylated to give formylmethionyl tRNA

tRNA(m)(Met), methionine-
(SY) Met-tRNA(m)(Met)
(SY) methionine elongator tRNA
(SY) initiator methionyl tRNA
(SY) tRNAi(Met)
(SY) methionyl-tRNA
(SY) tRNA(Met)
(SY) tRNA(m)(Met)
(SY) methionine-tRNA(m)(Met)
(SY) methionyl-tRNA(m)(Met)
(SY) met tRNA(i)Met
(SY) Met-tRNA
(HM) *AMINO ACYL T RNA
(II) PEPTIDE ELONGATION FACTORS
(II) PEPTIDE INITIATION FACTORS
(NO) binding of above cpd to ribosomes is an essential step in protein synthesis

tRNA(Nfmet) see tRNA, formylmethionine-

tRNA, 4-nitrophenylcarbamylleucine
(SY) PNPC-Leu-tRNA
(SY) 4-nitrophenylcarbamylleucine-tRNA
(SY) PNPC-leucyl-tRNA
(HM) *AMINO ACYL T RNA
(II) AFFINITY LABELS

tRNA nucleotidyltransferase
(RN) EC 2.7.7.-
(SY) CTP(ATP)-tRNA nucleotidyltransferase
(SY) tRNA adenylyltransferase
(SY) tRNA cytidylyltransferase
(SY) ATP(CTP)-tRNA nucleotidyltransferase
(HM) *RNA NUCLEOTIDYLTRANSFERASES
(NO) EC 2.7.7.21 (tRNA cytidylyltransferase) and EC 2.7.7.25 (tRNA adenylyltransferase) may be identical

tRNA-Phe see tRNA, phenylalanine-

tRNA, phenylalanine-
(SY) Phe-tRNA
(SY) phenylalanyl-tRNA
(SY) phenylalanine transfer RNA
(SY) phenylalanine-tRNA
(SY) tRNA-Phe
(HM) *AMINO ACYL T RNA

tRNA, phenylalanylphenylalanine-
(SY) phenylalanyl-phenylalanine-tRNA
(SY) Phe-Phe-tRNA
(SY) phenylalanyl-tRNA(Phe)
(HM) *AMINO ACYL T RNA

tRNA, phenyllactylphenylalanine-
(SY) phenyllactyl-phenylalanine-tRNA
(SY) Phenyllac-Phe-tRNA
(SY) phenyllactyl-phenylalanyl-tRNA
(SY) phenyllactyl-tRNA(Phe)
(HM) *AMINO ACYL T RNA

tRNA precursor see transfer RNA precursors

tRNA Pro see proline tRNA

tRNA-protein transferase, amino acyl
(RN) EC 2.3.2.-
(SY) amino acyl tRNA transferase
(SY) amino acyl-tRNA-protein transferase
(HM) *ACYLTRANSFERASES
(II) PEPTIDE CHAIN ELONGATION
(NO) catalyzes 14C phenylalanine transfer from phenylalanyl tRNA into protein transferase I & II

tRNA psuedouridine synthetase
(RN) EC 5.4.99.-
(HM) *ISOMERASES
(NO) converts tRNA-uridine to tRNA-psudouridine by intramolecular rearrangement of ribose from N-1 to C-5 position of uracil

tRNA, selenocysteine
(SY) selenocysteine-tRNA
(SY) SeCys-tRNA
(SY) selenocysteinyl-tRNA
(HM) *AMINO ACYL T RNA

tRNA(Ser)(AGY) see tRNA, serine-

tRNA, serine-
(SY) serine-tRNA
(SY) Ser-tRNA
(SY) tRNA(2)(Ser)
(SY) seryl-tRNA
(SY) tRNA, serine(UCX)-
(SY) tRNA(Ser)(AGY)
(HM) *AMINO ACYL T RNA

tRNA, serine(UCX)- see tRNA, serine-

tRNA(2)(Ser) see tRNA, serine-

tRNA, threonine-
(SY) Thr-tRNA
(SY) threonine-tRNA
(SY) threonyl-tRNA
(HM) *AMINO ACYL T RNA

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tRNA, tryptophan–
(SY) tryptophan-tRNA
(SY) tryptophanyl-tRNA
(SY) tryptophan transfer RNA
(SY) Trp-tRNA
(HM) *AMINO ACYL T RNA

tRNA(Tyr) see tRNA, tyrosine-

tRNA, tyrosine–
(SY) tRNA(Tyr)
(SY) Tyr-tRNA
(SY) tyrosine-tRNA
(SY) tyrosyl-tRNA
(SY) tRNA(Tyr)(Su3)
(HM) *AMINO ACYL T RNA

tRNA(Tyr)(Su3) see tRNA, tyrosine-

tRNA(uracil-5)–methyltransferase
(RN) EC 2.1.1.35
(RR) 37257-62-6 (CRN)
(SY) tRNA(m5Urd)methyltransferase
(SY) tRNA 5-methyluridine methyltransferase
(HM) *RNA, TRANSFER, METHYLTRANSFERASES

tRNA(m5Urd)methyltransferase see tRNA(uracil-5)-methyltransferase

tRNA(Val) see tRNA, valine-

tRNA, valine–
(SY) tRNA(Val)
(SY) Val-tRNA
(SY) valyl-tRNA
(SY) tRNA(4)(Val)
(SY) tRNA-Val-3b
(SY) valine-tRNA
(SY) valyl-tRNA(Val)
(HM) *AMINO ACYL T RNA

tRNA-Val-3b see tRNA, valine-

tRNA(4)(Val) see tRNA, valine-

troclosene
(RN) 2782-57-2
(RR) 2893-78-9 (Na salt)
(RR) 2244-21-5 (K salt)
(RR) 51580-86-0 (Na salt dihydrate)
(SY) dichloroisocyanuric acid
(SY) chlordesine
(SY) potassium dichloro-s-triazinetrione
(SY) chlordezine
(SY) dikonit
(SY) dikon
(SY) sodium dichloroisocyanurate
(SY) sodium dichloro-s-triazine-2,4,6(1H,3H,5H)-trione
(SY) chlorcyanurate
(HM) *TRIAZINES
(PA) ANTIFUNGAL AGENTS
(PA) ANTIVIRAL AGENTS
(II) DISINFECTANTS
(II) DENTURE CLEANSERS
(II) CHLORINE
(NO) RN given refers to parent cpd; chlorine may be active moiety

trofosfamide
(RN) 22089-22-1
(SY) Z 4828
(SY) ixoten
(SY) trophosphamide
(SY) N,N,N'-tris(2-chloroethyl)-N'-O-propylene phosphoric acid ester diamide
(HM) CYCLOPHOSPHAMIDE/*analogs
(PA) IMMUNOSUPPRESSIVE AGENTS
(PA) ANTINEOPLASTIC AGENTS
(PA) ALKYLATING AGENTS
(NO) cyclophosphamide analog; structure

trolamine salicylate
(RN) 2174-16-5
(SY) Myoflex
(SY) triethanolamine salicylate
(HM) *SALICYLATES
(PA) ANTIPYRETICS

trolox C
(RN) 56305-04-5
(SY) 6-hydroxy-2,5,7,8-tetramethylchroman-2-carboxylic acid
(HM) *CHROMANS
(II) ANTIOXIDANTS

tromantadin see tromantadine

tromantadine
(RN) 53783-83-8
(RR) 41544-24-5 (mono-HCl)
(RR) 63561-01-3 (mono-HCl monohydrate)
(SY) D 41
(SY) tromantidine
(SY) N-(1-adamantyl)-2-(2-dimethylaminoethoxy) acetamide
(SY) tromantadin
(SY) Viru-Merz serol
(HM) AMANTADINE/*analogs
(PA) ANTIVIRAL AGENTS
(NO) RN given refers to parent cpd; structure

tromantidine see tromantadine

Tromaril
(RN) 23049-93-6
(SY) RH-8
(SY) N-phenylethylanthranilic acid
(SY) enfenamic acid
(HM) *ANTHRANILIC ACIDS
(PA) ANTI-INFLAMMATORY AGENTS
(NO) inhibits platelet aggregation

trometamolgluconate aluminum see aloglutamol

trona see Magadi soda

tronothane see pramocaine

tropacin see tropacine

tropacine
(RN) 6878-98-4
(RR) 548-64-1 (HCl(endo)-isomer)
(RR) 53949-96-5 (HCl(exo)-isomer)
(RR) 40626-70-8 (dichloroiodate(-1))
(SY) Win 5690
(SY) tropacin
(SY) tropine diphenylacetate
(SY) thropacin
(HM) *TROPANES
(PA) PARASYMPATHOLYTICS
(NO) RN given refers to (endo)-isomer; RN for cpd without isomeric designation not in Chemline 7/83

tropacocaine
(RN) 537-26-8
(RR) 637-23-0 (HCl(exo)-isomer)
(RR) 19145-60-9 ((endo)-isomer)
(RR) 55623-27-3 (HCl(endo)-isomer)
(SY) benzoyltropeine
(HM) COCAINE/*analogs
(PA) ANESTHETICS, LOCAL
(NO) RN given refers to (exo)-isomer; RN for cpd without isomeric designation not in Chemline 7/83; structure

Tropaeolin see Orange II

tropaphen see tropodifene

tropapride
(RN) 76352-13-1
(SY) MD 790501
(SY) MD-790501
(SY) exo-2,3-dimethoxy-N-(8-(phenylmethyl)-8-azabicyclo(3.2.1)oct-3-yl)benzamide
(HM) *NORTROPANES
(PA) TRANQUILIZING AGENTS, MAJOR
(NO) structure given in first source

troparil
(SY) 2-methoxycarbonyl-3-phenyltropane
(HM) *TROPANES
(NO) stimulant of nervous activity; more powerful & less toxic than amphetamine; structure given in first source

tropesin see VUFB 12018

trophoblastic beta 1-glycoprotein receptors see trophoblastic beta 1-glycoprotein receptor

trophoblastic beta 1-glycoprotein receptor
(SY) trophoblastic beta 1-glycoprotein receptors
(SY) receptors, trophoblastic beta 1-glycoprotein
(SY) SP1 receptor
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES

trophoblastin
(SY) ovine trophoblastic protein
(SY) trophoblast protein 1
(HM) *PREGNANCY PROTEINS
(PA) LUTEOLYTIC AGENTS/antag
(II) PREGNANCY, ANIMAL
(NO) antiluteolytic protein present in early pregnancy in sheep embryo

trophoblast protein 1 see trophoblastin

trophobolen
(RN) 87533-94-6
(HM) ESTRADIOL/*analogs
(HM) *HYDROXYPROGESTERONES
(HM) NANDROLONE/*analogs
(HM) DRUG COMBINATIONS
(NO) combination of nandrolone undecanoate, estrapronicate & 17 alpha-hydroxyprogesterone heptanoate

trophosphamide see trofosfamide

tropic acid
(RN) 529-64-6
(RR) 10265-75-5 (mono-Na salt)
(RR) 17126-67-9 ((R)-isomer)
(RR) 16202-15-6 ((S)-isomer)
(RR) 552-63-6 ((+-)-isomer)
(SY) alpha-phenylhydracrylic acid
(SY) alpha-phenyl- beta-hydroxypropionic acid
(HM) *PHENYLPROPIONATES
(NO) acid moiety of ester alkaloids hyoscyamine & scopolamine; RN given refers to parent cpd with unspecified isomeric designation; structure

tropine
(RN) 120-29-6
(RR) 2292-08-2 (HCl(endo)-isomer)
(RR) 6164-89-2 (HCl(exo)-isomer)
(RR) 60004-43-5 (HBr(endo)-isomer)
(RR) 135-97-7 ((exo)-isomer)
(SY) pseudotropine
(HM) *TROPANES
(NO) RN given refers to (endo)-isomer; RN for cpd without isomeric designation not in Chemline 7/83

tropine benzilate see glipin

tropine diphenylacetate see tropacine

tropine phenylcyclopentylglycolate
(SY) TPCPG
(HM) *TROPANES
(PA) PARASYMPATHOLYTICS

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tropinesterase
(RN) EC 3.1.1.10
(RR) 59536-71-9 (CRN)
(SY) atropinase
(SY) atropine esterase
(SY) atropinesterase
(HM) *CARBOXYLIC ESTER HYDROLASES

tropodifene
(RN) 15790-02-0
(RR) 4241-47-8 (HCl(endo)-isomer)
(RR) 18031-11-3 (HCl(exo)-isomer)
(SY) tropaphen
(SY) 3-(p-acetoxyphenyl)-2-phenylpropionate 1 alpha H,5 alpha H-tropan-3-ol
(HM) *TROPANES
(PA) PARASYMPATHOLYTICS
(PA) ADRENERGIC ALPHA RECEPTOR BLOCKADERS
(NO) russian drug; RN given refers to (endo)-isomer; RN for parent cpd without isomeric designation not in Chemline 7/83; structure

tropolone methyl ether see 2-methoxytropolone

tropomyosin kinase
(RN) EC 2.7.1.-
(HM) *PROTEIN KINASES
(II) TROPOMYOSIN
(NO) from chick embryo; requires Mg; Ca & cyclic AMP not needed

troponin T2beta see troponin-T

troponin C
(SY) troponin-C
(HM) *TROPONIN
(NO) calcium-binding protein of the thin filament regulatory system of vertebrate striated muscle

troponin-C see troponin C

troponin C-dansylaziridine see dansylaziridine-troponin C

troponin I
(SY) troponin inhibitory factor
(SY) troponin inhibitory subunit
(SY) TN-I
(HM) *TROPONIN
(NO) inhibitory protein which may inhibit calcium-binding properties of calcium-binding protein; inhibitory protein part of troponin complex

troponin inhibitory factor see troponin I

troponin inhibitory subunit see troponin I

troponin T kinase
(RN) EC 2.7.1.-
(HM) *PROTEIN KINASES
(NO) aspect of EC 2.7.1.37, protein kinase

troponin T see troponin-T

troponin T see troponin-T

troponin-T
(SY) Tn-T
(SY) troponin T
(SY) troponin T
(SY) troponin T2
(SY) troponin T2beta
(HM) *TROPONIN

troponin-tropomyosin complex
(SY) T-TM complex
(HM) *TROPONIN
(HM) *TROPOMYOSIN

troponin T2 see troponin-T

tropotox see 2-methyl-4-chlorophenoxy gamma-butyric acid

trospium chloride
(RN) 10405-02-4
(SY) spasmex "Pfleger"
(SY) azoniaspiro compound XVII
(SY) azoniaspiro(3 alpha-benziloyloxynortropane-8,1'-pyrrolidine) chloride
(SY) Spasmo-Urgenin
(HM) *NORTROPANES
(PA) ANALGESICS
(PA) PARASYMPATHOLYTICS
(NO) structure

troxerutin
(RN) 7085-55-4
(RR) 55965-63-4 (MF unknown)
(SY) venoruton P4
(SY) vitamin P4
(SY) 3',4',7-tris(O-(2- hydroxyethyl))rutin
(SY) 3',4',7-trihydroxyethylrutin
(SY) venoruton
(SY) paroven
(SY) relvene
(HM) HYDROXYETHYLRUTOSIDE/*analogs
(PA) ANTICOAGULANTS
(NO) used in treatment of venous disorders; structure; venoruton is a mixture of hydroxyethyl rutinosides

trozin
(HM) *SODIUM HYPOCHLORITE
(HM) *PHOSPHORUS
(HM) DRUG COMBINATIONS
(II) DISINFECTANTS
(NO) combination of sodium hypochlorite, diphosphorus pentoxide & silica

Trp-P-1-activating enzyme see tryptophan pyrolysate N-hydroxylase

Trp-Ala-Gly-Gly-Asp-Ala-Ser-Gly-Glu see Delta-Sleep-Inducing-Peptide

TrpA protein see gene proteins, bacterial

Trp-ATP see 3'(2')-tryptophanyladenosine 5'-phosphate

D-Trp-D-Cys-somatostatin see somatostatin, D-Trp-D-Cys-

(D-Trp(8),D-Cys(14))somatostatin see somatostatin, D-Trp-D-Cys-

Trp(6)-des-GlyNH(2)(10)-LHRH ethylamide see LHRH, N-Et-ProNH(2)(9)-Trp(6)-des-GlyNH(2)(10)-

Trp-Fru see 1-(N-tryptophan)-1-deoxyfructose

Trp-Gly see tryptophylglycine

TRP-P-2-N-hydroxylase see tryptophan pyrolysate N-hydroxylase

Trp(6)-Leu(N-Me)(7)-des-GlyNH(2)(10)-LHRH ethylamide see Wy 40972

Trp(6)-LHRH see LHRH, Trp(6)-

Trp(7)-LHRH see LHRH, Trp(7)-

Trp-malonyltransferase see malonyl-CoA-D-tryptophan N-malonyltransferase

D-Trp 11-neurotensin see (D-Trp(11))-NT

(D-Trp(11))-NT
(RN) 64088-62-6
(SY) D-Trp 11-neurotensin
(SY) neurotensin-Trp 11
(HM) NEUROTENSIN/*analogs
(NO) analog of neurotensin in which Tyr(11) has been replaced with D-Trp; neurotensin antagonist

Trp-p-1 see Trp-P-1

Trp-P-1
(RN) 62450-06-0
(SY) 3-amino-1,4-dimethyl-5H-pyrido(4,3-b)indole
(SY) Trp-p-1
(HM) *CARBOLINES
(PA) MUTAGENS
(NO) structure

Trp-P-2
(RN) 62450-07-1
(SY) 3-amino-1-methyl-5H-pyrido(4,3-b)indole
(SY) 1-methyl-3-amino-5H-pyrido(4,3-b)indole
(HM) *CARBOLINES
(PA) MUTAGENS
(PA) CARCINOGENS
(NO) structure

Trp repressor see tryptophan repressor protein

5-F-8-Trp-somatostatin see somatostatin, 5-fluoro-8-Trp-

8-D-Trp-somatostatin see somatostatin, 8-D-Trp-

Trp(9)-SP see substance P, Trp(9)-

(D-Trp(8))-SRIH see somatostatin, 8-D-Trp-

Trp-tRNA see tRNA, tryptophan-

true blue
(RN) 65426-90-6
(RR) 71431-30-6 (di-HCl(E)-isomer)
(HM) *BENZOFURANS
(II) FLUORESCENT DYES
(NO) RN given refers to parent cpd

trypamidium see isometamidium chloride

Trypanosome variant surface coat glycoproteins see variant surface glycoproteins, Trypanosoma

trypanothione
(RN) 96304-42-6
(SY) N(1),N(8)-bis(gamma-glutamyl-hemicystinyl-glycyl)spermidine
(SY) N(1),N(8)-bis(gamma-Glu-hemi-Cys-Gly)sperimidine
(HM) GLUTATHIONE/*analogs
(HM) SPERMIDINE/*analogs
(II) TRYPANOSOMA
(NO) cofactor for glutathione reductase in trypanosomatids; structure given in first source; RN given refers to (all L)-isomer; RN for cpd without isomeric designation not in Chemline 7/85

trypsin-alpha(2)-macroglobulin complex see alpha 2-macroglobulin-trypsin complex

trypsin-amylase inhibitor see amylase-trypsin inhibitor

trypsin, chymotrypsin inhibitor, black-eyed pea
(SY) BTCI
(SY) black-eyed pea trypsin, chymotrypsin inhibitor
(HM) *TRYPSIN INHIBITORS
(PA) CHYMOTRYPSIN/antag
(PA) PROTEASE INHIBITORS

trypsin-chymotrypsin inhibitor B-III peanut
(SY) peanut B III trypsin-chymotrypsin inhibitor
(SY) inhib B-III
(HM) *TRYPSIN INHIBITORS
(NO) amino acid sequence given in first source

trypsin inhibitor III, squash seed see trypsin inhibitor, squash seed

trypsin inhibitor MR-20 see MR 20

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trypsin inhibitor, squash seed
(SY) trypsin inhibitor III, squash seed
(SY) ITD III
(SY) ITD I
(HM) *PLANT PROTEINS
(PA) TRYPSIN INHIBITORS
(NO) 28 amino acids crosslinked by two disulfide bridges with arg in position 5 at reactive site

trypsin receptor
(RN) o
(SY) receptor, trypsin
(SY) trypsin receptors
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) TRYPSIN

trypsin receptors see trypsin receptor

tryptamine
(RN) 61-54-1
(RR) 34685-69-3 (unspecified sulfate)
(RR) 343-94-2 (mono-HCl)
(SY) 3-(2-aminoethyl)indole
(HM) *TRYPTAMINES
(NO) RN given refers to parent cpd

tryptamine dehydrogenase see amine tetrazolium reductase

tryptamine N-methyltransferase
(RN) EC 2.1.1.49
(RR) 51377-47-0 (CRN)
(SY) arylamine N-methyltransferase
(HM) *METHYLTRANSFERASES

tryptanthrine
(RN) 13220-57-0
(HM) *QUINAZOLINES
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(NO) minor constituent of traditional Chinese medicine qing dai

tryptase see tosylarginine methyl ester hydrolase

trypticase
(HM) *PROTEIN HYDROLYSATES

trypticase soy
(SY) trypticase-soy broth
(SY) tryptic soy broth
(HM) *PROTEIN HYDROLYSATES
(II) CULTURE MEDIA
(NO) bacteriological culture media containing a pancreatic digestion of casein, soybean peptone & NaCl

trypticase-soy broth see trypticase soy

tryptic soy broth see trypticase soy

tryptoline
(RN) 16502-01-5
(RR) 17982-35-3 (unspecified HCl)
(RR) 58911-02-7 (mono-HCl)
(SY) noreleagnine
(SY) triptoline
(SY) tetrahydro-beta-carboline
(SY) tetrahydronorharmane
(SY) 9H-1,2,3,4-tetrahydropyrido(3,4-b)indole
(HM) *CARBOLINES
(NO) enzymatic prep from human brain converts tryptamine to tryptoline; RN given refers to parent cpd; structure

tryptones
(HM) *PEPTONES

tryptophanamide
(RN) 6720-02-1
(RR) 20696-57-5 ((S)-isomer)
(RR) 7303-48-2 ((+-)-isomer)
(RR) 5022-65-1 (mono-HCl(S)-isomer)
(HM) TRYPTOPHAN/*analogs
(NO) used as inhibitor of chymotrypsin; RN given refers to cpd with unspecified isomeric designation

tryptophan aminotransferase
(RN) EC 2.6.1.27
(RR) 9022-98-4 (CRN)
(HM) *AMINOTRANSFERASES

tryptophan deaminase see L-amino acid oxidase

1-(N-tryptophan)-1-deoxyfructose
(RN) 25020-15-9
(SY) 1-(N-L-tryptophan)-1-deoxy-D-glucose
(SY) Trp-Fru
(HM) TRYPTOPHAN/*analogs
(HM) FRUCTOSE/*analogs
(NO) Maillard product; nitrosated form may be mutagenic

1-(N-L-tryptophan)-1-deoxy-D-glucose see 1-(N-tryptophan)-1-deoxyfructose

tryptophandesaminase see L-amino acid oxidase

tryptophan ethyl ester
(RN) 6519-66-0
(RR) 7479-05-2 ((L)-isomer)
(RR) 2899-28-7 (mono-HCl(L)-isomer)
(RR) 6519-67-1 (mono-HCl(DL)-isomer)
(RR) 35244-86-1 (alpha-14C-labeled cpd (DL)-isomer)
(RR) 68401-14-9 (unspecified HCl(L)-isomer)
(RR) 71260-63-4 (monotosylate(L)-isomer)
(HM) TRYPTOPHAN/*analogs
(NO) RN given refers to (DL)-isomer; RN for parent cpd without isomeric designation not in Chemline 7/83

6-D-tryptophan-LHRH see LHRH, Trp(6)-

7-tryptophan-LHRH see LHRH, Trp(7)-

tryptophan methyl ester see methyl tryptophan

tryptophan C-methyltransferase
(RN) EC 2.1.1.-
(HM) *METHYLTRANSFERASES
(NO) catalyzes transfer of methyl group from S-adenosylmethionine to C-3 of tryptophan resulting in beta-methyltryptophan; involved in streptonigrin biosynthesis

tryptophan pyrolysate N-hydroxylase
(RN) EC 1.14.13.-
(SY) TRP-P-2-N-hydroxylase
(SY) Trp-P-1-activating enzyme
(HM) *HYDROXYLASES

tryptophan racemase
(RN) EC 5.1.1.
(HM) *AMINO ACID ISOMERASES

tryptophan repressor protein
(SY) Trp repressor
(HM) *REPRESSOR PROTEINS

tryptophan side chain oxidase see indolyl-3-alkane-alpha-hydroxylase

8-D-tryptophan somatostatin see somatostatin, 8-D-Trp-

9-tryptophan-substance P see substance P, Trp(9)-

tryptophan transfer RNA see tRNA, tryptophan-

tryptophan-tRNA see tRNA, tryptophan-

3'(2')-tryptophanyladenosine 5'-phosphate
(RN) 88015-39-8
(SY) Trp-ATP
(HM) ADENOSINE TRIPHOSPHATE/*analogs
(NO) active site marker for 3'-CCA terminus of tryptophanyl-tRNA(Trp); RN & structure given in first source; RN not in Chemline 4/84

tryptophanyl adenylate
(RN) 31528-64-0
(RR) 43139-20-4 (L-tryptophan compd. with 5'-adenylate[2:1] di-Na salt)
(RR) 10182-66-8 (L-tryptophan compd. with 5'-adenylic acid[1:1])
(HM) TRYPTOPHAN/*analogs
(HM) ADENOSINE MONOPHOSPHATE/*analogs
(NO) RN given refers to monoanhydride

6-tryptophanyl-9-N-ethylprolinamide-10-deglycinamide-LHRH see LHRH, N-Et-ProNH(2)(9)-Trp(6)-des-GlyNH(2)(10)-

tryptophanylglycine see tryptophylglycine

tryptophanyl-tRNA see tRNA, tryptophan-

tryptophenolide see triptophenolide

tryptophol
(RN) 526-55-6
(SY) indole-3-ethanol
(HM) *INDOLES
(PA) ANTICONVULSANTS
(PA) HYPNOTICS AND SEDATIVES
(NO) structure

D-tryptophyl-D-cysteine somatostatin see somatostatin, D-Trp-D-Cys-

tryptophylglycine
(RN) 7360-09-0
(SY) tryptophanylglycine
(SY) Trp-Gly
(HM) *DIPEPTIDES

tryptoquivaline
(RN) 55387-45-6
(RR) 60676-61-1 (tryptoquivaline N (2'S-(2'alpha,9'alpha(R*),9'abeta))-isomer)
(RR) 60676-56-4 (tryproquivaline M (2'S-(2'alpha,9'alpha(4R*(S*)),9'abeta))-isomer)
(RR) 69575-59-3 (tryptoquivaline M (2'S-(2'alpha,9'alpha(4S*(S*)),9'abeta))-isomer)
(RR) 69483-20-1 (tryptoquivaline L (9'R-(9'alpha(R*),9'abeta))-isomer)
(RR) 61897-91-4 (tryptoquivaline L (9'R-(9'alpha(S*),9'abeta))-isomer)
(RR) 61897-84-5 (tryptoquivaline D (2'S-(2'alpha,9'alpha(4R*(S*)),9'abeta))-isomer)
(HM) *INDOLES
(II) MYCOTOXINS
(NO) tremor-producing metabolite from Aspergillus clavatus; tetrapeptide derived from tryptophan, anthranilic acid, valine, & methylalanine; structure & NI names previously assigned to tryptoquivaline C & tryptoquivaline D found to be incorrect & are revised in third source; see also record for tryptoquivalone; structure in third source

TR 2 see TR-2 mycotoxin

TR-2515 see TR 2515

TR 2515
(RN) 2208-51-7
(RR) 42877-18-9 (mono-HCl)
(SY) TR2515
(SY) TR-2515
(SY) 2,4(1H,3H)-quinazolinedione-3-(3-(4-phenyl-1-piperazinyl)propyl) hydrochloride
(HM) *QUINAZOLINES
(PA) SEROTONIN ANTAGONISTS
(PA) ANTIHYPERTENSIVE AGENTS
(NO) RN given refers to parent cpd

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TR2515 see TR 2515

TR5109 see codorphone

TR 5379 see N-(cyclobutylmethyl)-8 beta-methyl-6-methylenemorphinan-3-ol

TR-5379M see N-(cyclobutylmethyl)-8 beta-methyl-6-methylenemorphinan-3-ol

TSAA291 see TSAA 291

TSAA-291 see TSAA 291

TSAA 291
(RN) 33765-68-3
(SY) 16 beta-ethyl-19-nortestosterone
(SY) 16 beta-ethyl-17 beta-hydroxyestr-4-en-3-one
(SY) TSAA-291
(SY) TSAA291
(SY) oxendolone
(SY) EHOO
(SY) 16 ethyl-17-hydroxy-4-estren-3-one
(HM) NANDROLONE/*analogs
(PA) ANDROGEN ANTAGONISTS

TSAb see thyroid-stimulating immunoglobulin

tselnovocaine see celnovocaine

tserigel
(RN) 123-03-5
(SY) cerigel
(HM) *CETYLPYRIDINIUM
(HM) *POLYVINYLS
(HM) DRUG COMBINATIONS
(PA) ANTI-INFECTIVE AGENTS, LOCAL
(NO) according to first source contains polyvinylbutyral & cetylpyridinium chloride; UD only lists cetylpyridinium chloride as constituent

TSH-alpha see alpha subunit, pituitary hormones

TSH-beta see thyrotropin beta-subunit

TSH-binding inhibitory immunoglobulins see thyroid-stimulating immunoglobulin

TSH receptor see thyrotropin receptor

tsiklozinadimethylaminoethylphenyl cyclopentane carboxylic acid see cyclosil

TSK-gel PW
(RN) 67255-54-3
(SY) TSK gel PW
(HM) *GELS
(NO) n

TSK gel PW see TSK-gel PW

TSKIVI see TSKI-VI

TSKI VI see TSKI-VI

TSKI-VI
(RN) 40262-45-1
(SY) N,N'-bis(methylisatin-beta-thiosemicarbazone)-2-methylpiperazine
(SY) TSKI VI
(SY) TSKIVI
(HM) *METHISAZONE/analogs
(PA) ANTIVIRAL AGENTS
(NO) structure given in first source

tsM gene product see gene proteins, bacterial

23-TSnNCO see 23-(trimethylstannyl)-24-norcholan-3-ol

tsolipk 7b
(RN) 60318-53-8
(SY) glugicire
(SY) blood preservative solution 7b
(HM) *PRESERVATIVES, PHARMACEUTICAL
(NO) solution used for blood preservation; no other information available 12/21/79

TSO ointment
(HM) *PLANT EXTRACTS
(II) OINTMENTS
(NO) used in treatment of stomatitis; from Lithospermum officiale; no other information avaiable 11/09/81

TSPP see tetraphenylporphine sulfonate

TSP 86-84 see tyrosine-sulfated protein (pituitary)

TSST-1 see enterotoxin F, Staphylococcal

TSTA see tumor-associated transplantation antigen

T-state hemoglobin see deoxyhemoglobin

T-substrate
(SY) wheat germ protein kinase T-substrate
(HM) *PLANT PROTEINS
(NO) wheat germ endogenous phosphoryl acceptor

Ts 119 see Ts-119

Ts119 see Ts-119

Ts-119
(RN) 73201-66-8
(SY) N-(diethylenediamidophosphoryl)-4-aminocyclohexane carboxylic acid ethyl ester
(SY) Ts 119
(SY) Ts119
(HM) *CYCLOHEXANECARBOXYLIC ACIDS
(PA) ANTINEOPLASTIC AGENTS

TS-160 see 2,2',2''-trichlorotriethylamine

Ts72 see Ts-72

Ts 72 see Ts-72

Ts-72
(RN) 80497-41-2
(SY) N-(p-di(2-chloroethyl)aminophenylbutyryl)-p-aminobenzoic acid
(SY) Ts 72
(SY) Ts72
(HM) *NITROGEN MUSTARD COMPOUNDS
(PA) ANTINEOPLASTIC AGENTS

TS-88 see Neo Sampoon

TTATPN see tyrosyl-tryptophyl-alanyl-tryptophyl-phenylalaninamide

2,3,6-TTBT see 2,3,6-trichloro-4-tert-butyltoluene

TTCA see 2-thiazolidine-4-carboxylic acid

TTHCA see 3 alpha,7 alpha,12 alpha,24-tetrahydroxy-5 beta-cholestanoic acid

TthHB8I endonuclease see endodeoxyribonuclease TaqI

Tth2 endonuclease see endodeoxyribonuclease TaqI

Tth111II site specific endonuclease see endodeoxyribonuclease Tth111II

Tth111II see endodeoxyribonuclease Tth111II

Tth 111 II see endodeoxyribonuclease Tth111II

T-TM complex see troponin-tropomyosin complex

TTMT see bis(tetraphenylphosphonium)tetracyanato-bis-4-methoxy-4-phenyltellurate(IV)

6-TTNNC see 6-(1,2,3,4-tetrahydro-1,1,4,4-tetramethyl-6-naphthyl)-2-naphthalenecarboxylic acid

TTNPB see Ro 13-7410

T17 toxin see brevetoxin T17

T34 toxin
(RN) 63551-99-5
(SY) brevetoxin T34
(HM) *MARINE TOXINS
(II) DINOFLAGELLIDA
(NO) major toxin from Florida's red tide organism Ptychodiscus brevis; no other information available 3/17/82 although cpd has been isolated in pure crystalline form

TTP see thymidine 5'-triphosphate

TTPG see stepronin

T-2 triol see 3,4,15-trihydroxy-8-(3-methylbutyryloxy)-1,2,3-epoxytrichothec-9-ene

TTTPP see thiamine thiothiazolone pyrophosphate

tuberactinomycin
(RN) 11075-36-8
(HM) *ENVIOMYCIN/analogs

tuberactinomycin-O
(RN) 33137-73-4
(HM) *ENVIOMYCIN/analogs
(NO) structure

tubercidin-5'-diphosphate
(RN) 21080-53-5
(SY) TuDP
(HM) *TUBERCIDIN/analogs
(HM) *ADENINE NUCLEOTIDES
(NO) structure given in first source

tubercidin-5'-phosphate
(RN) 16719-46-3
(SY) TuMP
(HM) *TUBERCIDIN/analogs
(HM) *ADENINE NUCLEOTIDES
(NO) structure given in first source

S-tubercidinylhomocysteine
(RN) 57344-98-6
(HM) S-ADENOSYLHOMOCYSTEINE/*analogs
(NO) 7-deaza analog of S-adenosylhomocysteine

tuberculin-active peptide
(SY) tuberculin peptide TPH71U
(SY) tuberculin-active protein
(HM) *PEPTIDES
(HM) *TUBERCULIN
(II) MYCOBACTERIUM TUBERCULOSIS
(II) TUBERCULOSIS VACCINES
(NO) prepared from extract of tubercle bacilli; showed tuberculin potency equal to purified protein derivative without inducing hypersensitivity

tuberculin-active protein see tuberculin-active peptide

tuberculin peptide TPH71U see tuberculin-active peptide

tuberculoprotein
(SY) secretory tuberculoprotein
(HM) *BACTERIAL PROTEINS
(II) MYCOBACTERIUM TUBERCULOSIS
(NO) detected in sputum with radioimmunoassay for diagnosis of tuberculosis

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tuberculostearic acid
(RN) 542-47-2
(SY) 10-methyloctadecanoic acid
(SY) 10-methylstearic acid
(HM) *STEARIC ACIDS
(NO) characteristic constituent of microorganisms of Actinomycetales

tuberostemonine
(RN) 6879-01-2
(HM) *ALKALOIDS
(PA) ANTHELMINTICS
(NO) alkaloid from Stemona japonica with anthelmintic action; structure given in first source

Tubilicid
(RN) 77257-39-7
(SY) Tubilicid red label
(SY) Tubilicid blue label
(HM) CHLORHEXIDINE/*analogs
(HM) GLYCINE/*analogs
(HM) *SODIUM FLUORIDE
(HM) DRUG COMBINATIONS
(PA) ANTISEPTICS
(II) CLEANSING AGENTS
(NO) bactericidal solution with cleaning & surface active effect on enamel & dentine; contains chlorhexidene digluconate 0.1 g, dodicin (9% solution) 1.0 g & sodium fluoride 3.0 g in water to 100 g

Tubilicid blue label see Tubilicid

Tubilicid red label see Tubilicid

tubular myelin
(HM) *PULMONARY SURFACTANT
(NO) morphologically distinct form of pulmonary surfactant in rat lung

tubulazole
(RN) 84697-22-3
(SY) R 46846
(SY) R-46,846
(SY) ethyl (4-(2-(2,4-dichlorophenyl)-2-(1H-imidazol-1-ylmethyl)-1,3-dioxolan-4-ylmethylthio)phenyl) carbamate
(SY) tubulozole
(HM) *DIOXOLANES
(PA) ANTINEOPLASTIC AGENTS
(NO) synthetic microtubule inhibitor; RN given refers to (cis(+-))-isomer; RN for cpd without isomeric designation not in Chemline 7/85; structure given in first source

Tubulidrox
(HM) *DENTAL CAVITY LINING
(NO) no other info available 12/84

tubulin kinase
(RN) EC 2.7.1.-
(SY) Ca-calmodulin tubulin kinase
(SY) synapsin I kinase
(SY) CaM kinase II
(HM) *PROTEIN KINASES
(NO) Ca(2+) & calmodulin-stimulated; not same as cyclic AMP dependent protein kinase

tubulin polymerization inhibitor
(SY) brain tubulin modulator
(HM) *NERVE TISSUE PROTEINS
(PA) TUBULIN/antag
(NO) MW 33k protein from porcine brain

tubulin S
(SY) tubulin-S
(HM) *TUBULIN
(HM) *PEPTIDE FRAGMENTS
(NO) subtilisin cleaved tubulin fragment which will polymerize

tubulin-S see tubulin S

tubulin-tyrosine see tyrosine-tubulin

tubulin-tyrosine ligase see tyrosyltubulin ligase

tubulinyltyrosine carboxypeptidase see tyrosyltubulin carboxypeptidase

Tubulitec
(RN) 11104-11-3
(HM) *POLYSTYRENES
(HM) *CALCIUM PHOSPHATES
(HM) THYMOL/*analogs
(HM) DRUG COMBINATIONS
(II) DENTAL CAVITY LINING
(NO) dental cavity lining of polystyrene in chloroform with calcium fluorophosphate & diiodothymol

tubulosine
(RN) 2632-29-3
(RR) 5610-39-9 ((1'beta)-isomer)
(RR) 30833-26-2 ((1'beta,2alpha,3beta,14beta)-isomer)
(SY) 10,11-dimethoxytubulosanol
(HM) EMETINE/*analogs
(NO) indole derivative of main alkaloids of ipecac; RN given refers to cpd with unspecified isomeric designation; structure

tubulozole see tubulazole

TUDCA see tauroursodeoxycholic acid

TuDP see tubercidin-5'-diphosphate

tuftsin, Arg-
(SY) arginyltuftsin
(SY) Arg-tuftsin
(SY) tuftsin, arginyl-
(SY) Arg-Thr-Lys-Pro-Arg
(HM) TUFTSIN/*analogs

tuftsin, arginyl- see tuftsin, Arg-

tuftsin, 3-(3,4-dehydroproline)-
(SY) tuftsin, 3,4-dehydro-Pro(3)-
(SY) [3,4-dehydroproline(3)]-tuftsin
(SY) DHP-3-tuftsin
(HM) TUFTSIN/*analogs

tuftsin, 3,4-dehydro-Pro(3)- see tuftsin, 3-(3,4-dehydroproline)-

tuftsin, lysine(4)- see tuftsin, Lys(4)-

tuftsin, Lys-Pro-Arg-
(SY) lysyl-prolyl-arginyl-tuftsin
(SY) Lys-Pro-Arg-tuftsin
(SY) Lys-Pro-Arg-Thr-Lys-Pro-Arg
(HM) TUFTSIN/*analogs

tuftsin, Lys(4)-
(RN) 63138-91-0
(SY) Lys(4)-tuftsin
(SY) lysine(4)-tuftsin
(SY) tuftsin, lysine(4)-
(HM) TUFTSIN/*analogs
(NO) RN given refers to all (L)-isomer; RN for cpd without isomeric designation not in Chemline 4/84

tuftsin, Pro-Arg-
(SY) Pro-Arg-tuftsin
(SY) prolyl-arginyl-tuftsin
(SY) Pro-Arg-Thr-Lys-Pro-Arg
(HM) TUFTSIN/*analogs

tuftsin receptor
(SY) tuftsin receptors
(SY) receptor, tuftsin
(HM) *RECEPTORS, IMMUNOLOGIC
(II) TUFTSIN

tuftsin receptors see tuftsin receptor

tuftsinyltuftsin
(RN) 80938-76-7
(SY) Thr-Lys-Pro-Arg-Thr-Lys-Pro-Arg
(HM) TUFTSIN/*analogs
(NO) octapeptide consisting of 2 moles of tufsin; better than tuftsin in prolonging life of syngeneic mice injected with L1210 leukemia cells

tuinal
(RN) 8065-05-2
(SY) perdormal
(HM) *SECOBARBITAL
(HM) *AMOBARBITAL
(HM) DRUG COMBINATIONS
(NO) often used as drug of abuse; contains above 2 cpds

6-tuliposide A
(RN) 19870-31-6
(SY)
6-(4-hydroxy-2-methylenebutyryl)-D-glucopyranose
(HM) *GLYCOSIDES
(HM) *SODIUM OXYBATE/analogs
(II) ALLERGENS
(NO) from Alstroemeria ligtu L.; structure given in first source; RN given from Chem Abstr. Index Guide 1985; RN not Chemline 9/85

tullidora toxin
(HM) *NEUROTOXINS
(II) PLANT EXTRACTS
(II) PLANTS, TOXIC
(NO) from seed or extract of fruit of tullidora; causes denervation

tulobuterol
(RN) 41570-61-0
(RR) 56776-01-3 (HCl)
(SY) 1-(o-chlorophenyl)-2-tert-butylaminoethanol
(SY) C-78
(HM) TERBUTALINE/*analogs
(PA) ADRENERGIC BETA RECEPTOR AGONISTS
(PA) BRONCHODILATOR AGENTS
(NO) RN given refers to parent cpd; synonym C-78 refers to HCl

tumor angiogenesis factor inhibitors see angiogenesis factor inhibitors

tumor antigen p53 see phosphoprotein pp53

tumor antigen TA-4
(SY) TATA-4
(SY) cancer-associated antigen TA-4
(SY) Ta-4
(HM) *ANTIGENS, NEOPLASM

tumor-associated carbohydrate antigen Ca 19-9 see Ca antigens

tumor-associated fetal antigen
(SY) TAFA
(HM) *ANTIGENS, NEOPLASM
(HM) *FETAL PROTEINS
(NO) immunosuppressive low MW (12,000-17,000) proteins found exclusively on tumor cells on 13-15 day gestation embryos

tumor-associated transplantation antigen
(SY) TATA
(SY) tumor-specific transplantation antigen
(SY) TSTA
(HM) *ANTIGENS, NEOPLASM
(HM) *HISTOCOMPATIBILITY ANTIGENS
(NO) found in fractions derived from cytosol of the Meth A sarcoma cells; chemically induced neoplasms contain individually distinct TATA; are immunogenic in their syngeneic hosts & provide transplantation immunity only to their respective tumors & not similarly induced tumors

tumor derived colon-specific antigen see colon-specific antigen

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tumor-derived growth factor see transforming factor

tumor migration inhibition factor
(SY) TMIF
(HM) *LYMPHOKINES
(NO) lymphokine with capacity of inhibiting in vitro migration of experimental animal tumor cells, but not non-neoplastic cells

tumor necrosis factor
(SY) tumor necrosis serum
(HM) *GLYCOPROTEINS
(PA) GROWTH INHIBITORS
(II) CYTOTOXINS
(II) MACROPHAGE ACTIVATION
(II) OXYGEN CONSUMPTION
(NO) glycoprotein containing sialic acid & galactosamine; found in serum of endotoxin-treated mice infected with BCG (bacillus Calmette-Guerin); migrates with alpha 2-macroglobulins; induces necrosis in variety of transplanted mouse tumors

tumor necrosis factor-cachectin receptors see cachectin receptor

tumor necrosis serum see tumor necrosis factor

tumor-related protein p80 see protein p80

tumor-specific transplantation antigen see tumor-associated transplantation antigen

TuMP see tubercidin-5'-phosphate

tungstate
(RN) 51682-10-1
(HM) *TUNGSTEN

tungsten carbide
(RN) 11130-73-7
(RR) 12070-13-2 (cpd with MF (W2C))
(RR) 12070-12-1 (cpd with MF (WC))
(HM) *TUNGSTEN
(NO) RN given refers to cpd with unspecified MF

tungstic acid see tungstic(VI) acid

tungstic(VI) acid
(RN) 7783-03-1
(RR) 11105-11-6 (cpd with unknown MF)
(RR) 13568-45-1 (di-Li salt)
(RR) 10213-10-2 (di-Na salt dihydrate)
(RR) 59709-59-0 (di-K salt)
(RR) 35866-67-2 (181W-labeled cpd di-Na salt)
(RR) 15501-92-5 (H2-O4-W.Mn)
(RR) 15123-82-7 (Al[3:2] salt)
(RR) 10101-58-3 (Co[1:1] salt)
(RR) 7790-85-4 (Cd[1:1] salt)
(RR) 68784-53-2 (Ca[1:1] salt lead-doped)
(RR) 12737-98-3 (unspecified Pb salt)
(RR) 11140-77-5 (unspecified NH4 salt)
(RR) 11120-01-7 (unspecified Na salt)
(SY) tungstic acid
(HM) *TUNGSTEN
(NO) RN given refers to parent cpd

5-tungsto-2-antimoniate
(RN) 59372-48-4
(SY) HPA 23
(SY) ammonium-5-tungsto-2-antimoniate
(SY) HPA 39
(SY) HPA-23
(SY) polyoxotungstate
(HM) *TUNGSTEN
(HM) *ANTIMONY
(PA) ANTIVIRAL AGENTS
(PA) ANTINEOPLASTIC AGENTS
(NO) heteropolyanion mineral active in protecting against murine leukemia & sarcoma viruses; central cage ion is sodium in HPA 23 & potassium in HPA 39

tungstoarsenate
(RN) 12267-69-5
(HM) *TUNGSTEN
(HM) *ARSENIC

Tunic see methazole

tunicamycin A1
(RN) 66081-37-6
(SY) A1-tunicamycin
(HM) TUNICAMYCIN/*analogs
(NO) tunicamycin homolog; inhibits differentiation in neuroblastoma cells

tunicamycin B2
(RN) 73942-09-3
(HM) TUNICAMYCIN/*analogs
(NO) RN given refers to (10E,11S)-isomer; RN for cpd without isomeric designation not in Chemline 9/85

tunicamycin B3
(RN) 76544-50-8
(SY) B3-tunicamycin
(HM) TUNICAMYCIN/*analogs
(NO) tunicamycin homolog with saturated fatty acid side chain; structure given in first source

turigeran
(RN) 76687-98-4
(HM) *PROCAINE
(HM) *VITAMINS
(HM) DRUG COMBINATIONS
(NO) combination of procaine & vitamins

turimycin
(RN) 39405-35-1
(SY) A 6599
(HM) *LEUCOMYCINS
(NO) macrolide antibiotic from Streptomyces hygroscopicus JA 6599; structure

turinabol
(RN) 855-19-6
(HM) TESTOSTERONE/*analogs
(NO) RN given refers to (17beta)-isomer; RN for cpd without isomeric designation not in Chemline 5/84; do not confuse with related record for turinabol-oral

turinabol-oral
(RN) 2446-23-3
(SY) oral turinabol
(SY) 4-chloro-methandienone
(SY) CDMT
(SY) D-4-chloro-17 beta-hydroxy-3-oxo-17 alpha-methylandrosta-1,4-diene
(SY) dehydrochlormethyltestosterone
(HM) TESTOSTERONE/*analogs

turmeric
(RN) 8024-37-1
(HM) *PLANT EXTRACTS
(II) FOOD COLORING AGENTS
(II) CONDIMENTS
(NO) see also MeSH entry: TURMERIC YELLOW see CURCUMIN

tussiglaucin see glaucine

TVX Q 7821
(RN) 92589-98-5
(SY) TVX-Q-7821
(SY) 2-(4-(4-(2-pyrimidinyl)-1-piperzinyl)butyl)-1,2-benzisothiazol-3-(2H)-one-1,1-dioxide HCl
(HM) *PYRIMIDINES
(PA) TRANQUILIZING AGENTS, MINOR

TVX-Q-7821 see TVX Q 7821

TVX 1322 see acemetacin

TVX-2706 see TVX 2706

TVX 2706
(RN) 56739-21-0
(SY) 3-ethyl-1-(3-nitrophenyl)-2,4(1H,3H)-quinazolinedione
(SY) TVX-2706
(HM) *QUINAZOLINES
(PA) PHOSPHODIESTERASE INHIBITORS
(PA) ANTI-INFLAMMATORY AGENTS
(NO) structure given in first source

TVX 647 see morocromen

tween 80 esterase
(RN) EC 3.1.1.-
(HM) *CARBOXYLIC ESTER HYDROLASES

Twen Pantocaine-Privin
(HM) *TETRACAINE
(HM) *NAPHAZOLINE
(HM) DRUG COMBINATIONS
(NO) used to diagnose operation conditions for migrainous attacks; combination of pantocaine and privine

TW 260-240 see F-actin-binding proteins

TXA3 see thromboxane A3

Tx binding sites see tamoxifen receptor

TXB3 see thromboxane B3

Tx receptor see tamoxifen receptor

TX 066
(RN) 58652-20-3
(SY) TX-066
(HM) *NORPREGNADIENES
(II) PROGESTATIONAL HORMONES, SYNTHETIC

TX-066 see TX 066

TX-100 see Octoxynol

tybamate
(RN) 4268-36-4
(HM) *CARBAMATES
(PA) TRANQUILIZING AGENTS, MINOR
(NO) major descriptor (65-84); on-line search CARBAMATES (65-84); Index Medicus search TYBAMATE (65-84)

tyformin see tiformin

tylactone see protylonolide

tylan see tylosin

tylocrebrine
(RN) 6879-02-3
(RR) 61302-92-9 ((S)-isomer)
(HM) *ISOQUINOLINES
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(NO) major descriptor (72-84); on-line search ISOQUINOLINES (72-84); Index Medicus search TYLOCREBRINE (72-84); RN given refers to (R)-isomer; RN for cpd without isomeric designation not in Chemline 8/84

tylophorine
(RN) 482-20-2
(SY) 2,3,6,7-tetramethoxyphenanthro(9,10:6,7')-indolizidine
(HM) *INDOLIZINES
(PA) ANTINEOPLASTIC AGENTS
(NO) structure

Tyloses
(HM) CELLULOSE/*analogs
(NO) series of methylhydroxyethyl-substituted celluloses

tylosin
(RN) 1401-69-0
(RR) 11032-12-5 (HCl)
(RR) 1405-54-5 (tartrate)
(RR) 1405-53-4 (phosphate)
(SY) tylosin tartrate salt
(SY) tylan
(HM) *LEUCOMYCINS
(NO) RN given refers to parent cpd

tylosin tartrate salt see tylosin

tyloxapol
(RN) 25301-02-4
(SY) Alevaire
(SY) Triton A 20
(SY) Triton WR-1339
(SY) Superinone
(SY) oxyethylated tertiary octylphenol formaldehyde polymer
(SY) p-isooctylpolyoxyethylenephenol formaldehyde polymer
(SY) polyhydroxyethyl-tert-octylphenolformaldehyde
(SY) formaldehyde, polymer with oxirane and 4-(1,1,3,3-tetramethylbutyl)phenol
(SY) triton WR 1339
(HM) *POLYETHYLENE GLYCOLS
(II) DETERGENTS
(II) SURFACE-ACTIVE AGENTS
(NO) non-ionic detergent with surface-active properties; incompatible with metals; surfactant also used in inhalation therapy; N1 is from CA Vol 90 Form Index; N1 in Chemline is same as synonym 8

Type III procollagen N-terminal peptide see procollagen Type III-N-terminal peptide

type I nitroreductases see aromatic NADH-dependent nitro reductase

type I procollagen C-terminal peptide see procollagen type I carboxy terminal peptide

typindol see tipindole

Tyr-Ala-delta-Phe-GlyNH2 see tyrosyl-alanyl-delta-phenylalanyl-glycinamide

Tyr-Ala-Gly see tyrosyl-alanyl-glycine

Tyr-Ala-Gly-4-azido-MePhe-Gly-OH see tyrosyl-alanyl-glycyl-(4-azidomethylphenylalanyl)-glycine-OH

Tyr-Ala-Gly-NH-DMB see tyrosyl-alanyl-N-(1,3-dimethylbutyl)glycinamide

Tyr-D-Ala-Gly-Phe see tyrosyl-alanyl-glycyl-phenylalanine

Tyr-Ala-Gly-Phe-NH2 see tyrosyl-alanyl-glycyl-phenylalaninamide

Tyr-Ala-Gly-Phe(NO2)-NH2 see tyrosyl-alanyl-glycyl-nitrophenylalanylamide

Tyr-Ala-Phe-GlyNH2 see tyrosyl-alanyl-phenylalanyl-glycinamide

m-tyramine see 3-tyramine

tyramine-cellobiose adduct
(HM) *TYRAMINE
(HM) *CELLOBIOSE

tyramine oxidase
(RN) EC 1.4.3.9
(RR) 37255-42-8 (CRN)
(HM) *AMINE OXIDOREDUCTASES

3-tyramine
(RN) 588-05-6
(RR) 39449-59-1 (HBr)
(RR) 3458-98-8 (HCl)
(SY) m-tyramine
(SY) 3-hydroxyphenylethylamine
(SY) meta-tyramine
(HM) *TYRAMINE
(II) ISOMERISM
(NO) MH Tyramine refers to 4-tyramine; RN given refers to parent cpd

Tyr-Arg see kyotorphin

Tyr-ATCO see cathepsin T

Tyr(4)-bombesin see bombesin, Tyr(4)-

34-Tyr-bovine parathyroid hormone (7-34) amide see bovine parathyroid hormone (7-34) amide, 34-Tyr-

34-Tyr-bPTH (7-34) amide see bovine parathyroid hormone (7-34) amide, 34-Tyr-

Tyr-bradykinin see bradykinin, Tyr-

N-Tyr-Delta-Sleep-Inducing Peptide see N-tyrosyl-Delta-Sleep-Inducing Peptide

N-Tyr-DSIP see N-tyrosyl-Delta-Sleep-Inducing Peptide

Tyr-formyl-Lys-Gly-Phe-HCys-thiolactone see Hoe 825

Tyr-Gly-Gly see tyrosyl-glycyl-glycine

Tyr-Gly-Gly-Phe-Leu-Arg see tyrosyl-glycyl-glycyl-phenylalanyl-leucyl-arginine

Tyr-Gly-Gly-Phe-Leu-Arg-Arg-Gln-Phe-Lys-Val-Val-Thr-Arg-Ser-Gln-Glu-Asp-Pro-Asn-Ala-Tyr-Tyr-Glu-Glu-Leu-Phe-Asp-Val see dynorphin B (1-29)

Tyr-Gly-Gly-Phe-Leu-Arg-Arg-Ile see dynorphin (1-8)

Tyr-Gly-Gly-Phe-Met-Arg-Phe see enkephalin-Met, Arg(6)-Phe(7)-

7-Tyr-10-Gly-somatostatin-14 see somatostatin 14, 7-Tyr-10-Gly-

7-Tyr-10-Gly-somatostatin-28 see somatostatin-28, 7-Tyr-10-Gly-

Tyr-Ile-Phe-Val see tyrosyl-isoleucyl-phenylalanyl-valine

Tyr-D-Met(O)-Gly-N-methylphenethylamide see syndyphalin

Tyr-D-Met(O)-Gly-MPA see syndyphalin

Tyr-Met-O-Gly-4-NO2-Phe-Pro-NH2 see BW 942C

N-Tyr-MIF-1 receptor see tyrosyl-prolyl-leucyl-glycinamide receptor

N-Tyr-MIF-1 see tyrosyl-prolyl-leucyl-glycinamide

Tyr(1)-Nle(11)-substance P see substance P, Tyr(1)-Nle(11)-

Tyrode's solution
(HM) *ISOTONIC SOLUTIONS
(NO) Mg modified Locke's physiological soln

tyropanoate glucuronide
(HM) *TYROPANOATE/analogs
(NO) tyropanoate metabolite in dogs

tyrosinamide
(RN) 4985-46-0
(SY) L-tyrosine amide
(HM) TYROSINE/*analogs
(NO) RN given refers to (S)-isomer ; RN for cpd without isomeric designation not in Chemline 7/29/83

m-tyrosine see 3-tyrosine

L-tyrosine amide see tyrosinamide

L-Tyrosine, 3-((2-amino-2-carboxyethyl)thio)-5- hydroxy-, (R)- see 6-S-cysteinyldopa

tyrosine aminotransferase convertase see cathepsin T

L-tyrosine-p-azobenzenearsonate see tyrosine-4-azobenzenearsonate

L-tyrosine-4-azobenzenearsonate see tyrosine-4-azobenzenearsonate

tyrosine-4-azobenzenearsonate
(RN) 33650-94-1
(RR) 26637-21-8 (cpd with unspecified locant for ((4-arsonophenyl)azo)-group)
(SY) arsanilazotyrosine
(SY) L-tyrosine-4-azobenzenearsonate
(SY) L-tyrosine-p-azobenzenearsonate
(SY) ABA-T
(HM) *P-AZOBENZENEARSONATE/analogs
(HM) TYROSINE/*analogs
(NO) RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 8/84

L-tyrosine-p-azophenyltrimethylammonium chloride see tyrosine-4-azophenyltrimethylammonium chloride

L-tyrosine-4-azophenyltrimethylammonium chloride see tyrosine-4-azophenyltrimethylammonium chloride

tyrosine-4-azophenyltrimethylammonium chloride
(RN) 38299-26-2
(SY) TAPT
(SY) L-tyrosine-p-azophenyltrimethylammonium chloride
(SY) L-tyrosine-4-azophenyltrimethylammonium chloride
(SY) Tyr(TMA)
(HM) TYROSINE/*analogs
(NO) tool for investigating parameters of immune response

4-tyrosine bombesin see bombesin, Tyr(4)-

tyrosine bradykinin see bradykinin, Tyr-

tyrosine dehalogenase
(RN) EC 3.8.1.-
(HM) *HYDROLASES

tyrosine ester hydrolase
(RN) EC 3.1.1.-
(SY) ATEE esterase
(HM) *CARBOXYLESTERASES

tyrosine hydroxylase pteridine cofactor see 6-methyltetrahydropterin

tyrosine methyl ester
(RN) 1080-06-4
(RR) 3417-91-2 (HCl(L)-isomer)
(RR) 3728-20-9 (HCl(D)-isomer)
(HM) TYROSINE/*analogs
(NO) RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 3/84

tyrosine octadecyl ester see stearyl tyrosine

tyrosine phosphate hydrolase
(RN) EC 3.1.3.-
(SY) tyrosine-o-phosphate phosphatase
(HM) *PHOSPHOMONOESTERASES

tyrosine-O-phosphate see phosphotyrosine

tyrosine-o-phosphate phosphatase see tyrosine phosphate hydrolase

N-1-tyrosine somatostatin see somatostatin, N-1-Tyr-

N(1)-tyrosine somatostatin see somatostatin, N-1-Tyr-

11-tyrosine somatostatin see somatostatin, 11-Tyr-

1-tyrosine sulfate-2-alanyl-methionine enkephalinamide see enkephalinamide-Met, Tyr sulfate(1)-Ala(2)-

tyrosine-sulfated protein (pituitary)
(SY) pituitary tyrosine-sulfated protein
(SY) TSP 86-84
(HM) *PITUITARY HORMONES, ANTERIOR
(NO) secretory protein consisting of two polypeptides MW 86,000 & 84,000; present in gonadotrophs, thyrotrophs, mammotrophs & corticotrophs

1-tyrosine sulfate-leucine enkephalinamide see enkephalinamide-Leu, Tyr sulfate(1)-

L-tyrosine O-sulfate
(RN) 956-46-7
(SY) tyrosine O-sulfate
(SY) sulfotyrosine
(HM) TYROSINE/*analogs

tyrosine O-sulfate see L-tyrosine O-sulfate

tyrosine-tRNA see tRNA, tyrosine-

tyrosine-tubulin
(SY) tubulin-tyrosine
(SY) tyrosylated alpha-tubulin
(HM) TUBULIN/*analogs

3-tyrosine
(RN) 2180-37-2
(RR) 587-33-7 ((L)-isomer)
(RR) 775-06-4 ((DL)-isomer)
(RR) 32140-49-1 ((D)-isomer)
(RR) 775-07-5 (14C-labeled cpd (DL)-isomer)
(SY) meta-tyrosine
(SY) m-tyrosine
(SY) 3-hydroxyphenylalanine
(HM) *TYROSINE
(II) ISOMERISM
(NO) RN given refers to cpd with unspecified isomeric designation

tyrosinol
(RN) 5034-68-4
(RR) 40829-04-7 (HCl(R)-isomer)
(HM) TYROSINE/*analogs
(NO) amino alcohol analog of tyrosine; RN given refers to parent cpd(S)-isomer; RN for parent cpd without isomeric designation not in Chemline 10/83

tyrosinyl-5'-AMP
(RN) 6372-08-3
(RR) 40829-08-1 ((R)-isomer)
(SY) tyrosyl adenylate
(SY) adenylyl-tyrosine
(HM) TYROSINE/*analogs
(HM) ADENOSINE MONOPHOSPHATE/*analogs
(NO) RN given refers to S-isomer; RN for cpd without isomeric designation not in Chemline 7/83

tyrosinyl-5'-UMP
(SY) tyrosyl uridylate
(SY) tyrosinyl-5'-uridine monophosphate
(HM) TYROSINE/*analogs
(HM) URIDINE MONOPHOSPHATE/*analogs

tyrosinyl-5'-uridine monophosphate see tyrosinyl-5'-UMP

tyrosol see 4-hydroxyphenylethanol

tyrosyl adenylate see tyrosinyl-5'-AMP

tyrosyl-alanyl-delta-phenylalanyl-glycinamide
(SY) Tyr-Ala-delta-Phe-GlyNH2
(SY) TA-delta-Phe-GNH2
(HM) *OLIGOPEPTIDES
(NO) tetradecapeptide related to dermorphin; structure given in first source

tyrosyl-alanyl-N-(1,3-dimethylbutyl) glycinamide
(RN) 72732-17-3
(SY) Tyr-Ala-Gly-NH-DMB
(SY) TRIMU 4
(SY) TRIMU-4
(HM) *OLIGOPEPTIDES
(NO) mu-opiate receptor agonist; RN given refers to L-Tyr-D-Ala-isomer; RN for cpd without isomeric designation not in Chemline 6/84

tyrosyl-alanyl-glycine
(RN) 69537-64-0
(RR) 83646-49-5 (3H-labeled cpd)
(SY) Tyr-Ala-Gly
(SY) TAG peptide
(HM) *OLIGOPEPTIDES
(NO) RN given refers to unlabeled (L-Tyr-D-Ala)-isomer

tyrosyl-alanyl-glycyl-(4-azidomethylphenylalanyl)-glycine-OH
(SY) Tyr-Ala-Gly-4-azido-MePhe-Gly-OH
(SY) AZ-DAMGE
(HM) *OLIGOPEPTIDES
(HM) *AZIDES
(II) AFFINITY LABELS
(NO) affinity label for mu & delta opioid receptors

tyrosyl-alanyl-glycyl-nitrophenylalanylamide
(RN) 81733-82-6
(SY) Tyr-Ala-Gly-Phe(NO2)-NH2
(SY) TAG-NP
(HM) *OLIGOPEPTIDES
(NO) position of NO2 group on Phe not given

tyrosyl-alanyl-glycyl-phenylalaninamide
(RN) 66649-46-5
(SY) Tyr-Ala-Gly-Phe-NH2
(SY) TAGPA
(HM) *OLIGOPEPTIDES
(NO) tetrapeptide opiate

tyrosyl-alanyl-glycyl-phenylalanine
(RN) 67706-17-6
(RR) 64830-12-2 (HCl(L-Phe-L-Tyr-D-Ala)-isomer)
(SY) Tyr-D-Ala-Gly-Phe
(SY) TDAGP
(HM) *OLIGOPEPTIDES
(NO) RN given refers to parent cpd (L-Phe-L-Tyr-D-Ala)-isomer)

tyrosyl-alanyl-glycyl-phenylalanyl-leucyl-arginine see enkephalin, Ala(2)-Leu(5)-Arg(6)-

tyrosyl-alanyl-phenylalanyl-glycinamide
(RN) 78700-75-1
(RR) 87619-58-7 (D-Tyr-D-Ala-L-Phe)
(SY) Tyr-Ala-Phe-GlyNH2
(SY) TAPGNH2
(HM) *OLIGOPEPTIDES
(NO) tetrapeptide related to dermorphin; RN given refers to (L-Tyr-D-Ala-L-Phe)-isomer; RN for cpd without isomeric designation not in Chemline 10/85; structure given in first source

tyrosyl-alanyl-phenylalanyl-glycyl-tyrosyl-prolyl-serinamide see dermorphin

L-tyrosyl-D-arginine see kyotorphin

L-tyrosyl-L-arginine see kyotorphin

tyrosylarginine methyl ester
(SY) TDAM
(SY) H-Tyr-D-Arg-OMe
(HM) *DIPEPTIDES
(PA) ANALGESICS
(NO) possesses dose-dependent antinociceptive activity

tyrosyl-arginyl-phenylalanyl-glycine ethyl ester
(RN) 90549-84-1
(SY) TDAPGE
(SY) H-Tyr-Arg-Phe-Gly-OEt
(HM) *OLIGOPEPTIDES
(PA) ANALGESICS
(NO) exhibited exceedingly potent antinociceptive activity in mice

tyrosylated alpha-tubulin see tyrosine-tubulin

34-tyrosyl-bovine parathyroid hormone amide see bovine parathyroid hormone (7-34) amide, 34-Tyr-

N-tyrosyl-Delta-Sleep-Inducing Peptide
(RN) 65908-45-4
(SY) N-Tyr-DSIP
(SY) N-Tyr-Delta-Sleep-Inducing Peptide
(HM) *OLIGOPEPTIDES

tyrosyl-formyllysyl-glycyl-phenylalanyl-homocysteine-thiolactone see Hoe 825

7-tyrosyl-10-glycine-somatostatin(14) see somatostatin 14, 7-Tyr-10-Gly-

7-tyrosyl-10-glycine-somatostatin(28) see somatostatin-28, 7-Tyr-10-Gly-

tyrosyl-glycyl-glycine
(RN) 21778-69-8
(SY) Tyr-Gly-Gly
(HM) *OLIGOPEPTIDES
(NO) RN given refers to L-isomer; RN for cpd without isomeric designation not in Chemline 4/85

tyrosyl-glycyl-glycyl-phenylalanyl-leucyl-arginine
(RN) 1
(RR) 75851-00-2 (monoacetate(L-Tyr-L-Phe-L-Leu)-isomer)
(RR) 81912-68-7 ((L-Tyr-L-Phe-D-Leu)-isomer)
(SY) Tyr-Gly-Gly-Phe-Leu-Arg
(HM) *OLIGOPEPTIDES
(NO) RN given refers to (L-Tyr-L-Phe-L-Leu)-isomer; RN for cpd without isomeric designation not in Chemline 10/84

tyrosyl-glycyl-glycyl-phenylalanyl-leucyl-arginyl-arginyl-isoleucine see dynorphin (1-8)

tyrosyl-glycyl-glycyl-phenylalanyl-methionyl-arginyl-phenylalanine see enkephalin-Met, Arg(6)-Phe(7)-

tyrosyl-isoleucyl-phenylalanyl-valine
(SY) Tyr-Ile-Phe-Val
(SY) TIPV
(HM) *OLIGOPEPTIDES

tyrosyl-methionyl-O-glycyl-para-nitro-phenylalanyl-prolinamide see BW 942C

tyrosyl(1)-norleucyl(11)-substance P see substance P, Tyr(1)-Nle(11)-

43-tyrosyl-parathroid hormone (44-68) see parathyroid hormone (44-68), 43-Tyr-

55-tyrosyl-parathyroid hormone (42-55) see parathyroid hormone (42-55), 55-Tyr-

68-tyrosyl-parathyroid hormone (43-68) see parathyroid hormone (43-68), 68-Tyr-

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tyrosyl phosphoprotein phosphatase see protein-tyrosine phosphatase

tyrosyl-prolyl-leucyl-glycinamide

(RN) 77133-61-0
(SY) N-Tyr-MIF-1
(SY) Tyr-Pro-Leu-Gly-NH2
(HM) MSH RELEASE INHIBITING HORMONE/*analogs
(NO) found in rat brain

tyrosyl-prolyl-leucyl-glycinamide receptor

(SY) Tyr-Pro-Leu-Gly-NH2 receptor
(SY) N-Tyr-MIF-1 receptor
(SY) receptor, tyrosyl-prolyl-leucyl-glycinamide
(SY) tyrosyl-prolyl-leucyl-glycinamide receptors
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) MSH RELEASE INHIBITING HORMONE/analogs

tyrosyl-prolyl-leucyl-glycinamide receptors see tyrosyl-prolyl-leucyl-glycinamide receptor

tyrosylprotein sulfotransferase

(RN) EC 2.8.2.-
(HM) *SULFURTRANSFERASES
(II) PROTEIN PROCESSING, POST-TRANSLATIONAL

tyrosyl-seryl-glycyl-phenylalanyl-leucyl-threonine

(RN) 75644-90-5
(RR) 91122-88-2
((L-Thr-D-Tyr-L-Ser-L-Phe-L-Leu)-isomer)
(SY) Tyr-Ser-Gly-Phe-Leu-Thr
(SY) DSLET
(SY) DSTLE
(HM) *OLIGOPEPTIDES
(PA) CONVULSANTS
(NO) specific probe for the delta-opiate receptor subtype in brain membranes; RN given refers to (L-Thr-L-Tyr-D-Ser-L-Phe-L-Leu)-isomer; RN for cpd without isomeric designation not in Chemline 4/85

tyrosyl-threonyl-glycyl-(4-azidophenylalanyl)-leucyl-threonine

(SY) Tyr-Thr-Gly-4-azido-Phe-Leu-Thr
(SY) AZ-DTLET
(HM) *OLIGOPEPTIDES
(HM) *AZIDES
(II) AFFINITY LABELS
(NO) labels mu and delta opioid receptors

tyrosyl-threonyl-glycyl-phenylalanyl-leucyl-threonine see deltakephalin

tyrosyl-tRNA see tRNA, tyrosine-

tyrosyl-tryptophyl-alanyl-tryptophyl-phenylalaninamide

(RN) 76932-83-7
(RR) 76338-79-9
((L-Tyr-D-Trp-L-Ala-L-Trp-D-Phe)-isomer)
(SY) Tyr-Trp-Ala-Trp-Phe-NH2
(SY) TTATPN
(HM) *OLIGOPEPTIDES
(NO) RN given refers to (L-Tyr-D-Trp-L-Ala-D-Trp-L-Phe-NH2)-isomer; RN for cpd without isomeric designation not in Chemline 12/84

18-tyrosyl-27-tryptophyl-beta-endorphin see beta-endorphin, Tyr(18), Trp(27)-

tyrosyltubulin carboxypeptidase

(RN) EC 3.4.2.-
(SY) tubulinyltyrosine carboxypeptidase
(HM) *CARBOXYPEPTIDASES

tyrosyl tubulin ligase see tyrosyltubulin ligase

tyrosyltubulin ligase

(RN) EC 6.3.2.-
(SY) tubulin-tyrosine ligase
(SY) tyrosyl tubulin ligase
(HM) *PEPTIDE SYNTHETASES
(NO) catalyzes reversible, post-translational addition of tyrosine, phenylalanine or DOPA to carboxyl terminal of alpha-chain of tubulin

tyrosyltyrosine

(RN) 1050-28-8
(SY) Tyr-Tyr
(SY) L-tyrosyl-L-tyrosine
(HM) *DIPEPTIDES
(NO) RN given refers to all-(L)-isomer; RN for cpd without isomeric designation not in Chemline 10/84

L-tyrosyl-L-tyrosine see tyrosyltyrosine

tyrosyl uridylate see tyrosinyl-5'-UMP

Tyr-Phe-Leu-Phe-Arg-Pro-Arg-Asn see neuromedin U 8

Tyr-Pro-Gly-Pro-Phe-Pro-Ile see beta-casomorphin 1

Tyr-Pro-Leu-Gly-NH2 receptor see tyrosyl-prolyl-leucyl-glycinamide receptor

Tyr-Pro-Leu-Gly-NH2 see tyrosyl-prolyl-leucyl-glycinamide

Tyr-Pro-N-MePhe-Pro-NH2 see morphicetin, N-MePhe(3)-

Tyr-Pro-Phe-D-Pro-NH2 see morphiceptin

43-Tyr-PTH (44-68) see parathyroid hormone (44-68), 43-Tyr-

55-Tyr-PTH (42-55) see parathyroid hormone (42-55), 55-Tyr-

68-Tyr-PTH (43-68) see parathyroid hormone (43-68), 68-Tyr-

Tyr-Ser-Gly-Phe-Leu-Thr see tyrosyl-seryl-glycyl-phenylalanyl-leucyl-threonine

N-1-Tyr-somatostatin see somatostatin, N-1-Tyr-

11-Tyr-somatostatin see somatostatin, 11-Tyr-

Tyr-Thr-Gly-4-azido-Phe-Leu-Thr see tyrosyl-threonyl-glycyl-(4-azidophenylalanyl)-leucyl-threonine

Tyr-D-Thr-Gly-Phe-Leu-Thr see deltakephalin

Tyr(TMA) see tyrosine-4-azophenyltrimethylammonium chloride

Tyr-tRNA see tRNA, tyrosine-

Tyr-Trp-Ala-Trp-Phe-NH2 see tyrosyl-tryptophyl-alanyl-tryptophyl-phenylalaninamide

Tyr(18), Trp(27)-beta endorphin see beta-endorphin, Tyr(18), Trp(27)-

Tyr-Tyr see tyrosyltyrosine

(Tyr-Tyr-Glu-Glu)-poly(DL-Ala)-poly(Lys) see (T,G)-A-L

tytin

(RN) 63807-68-1
(HM) *DENTAL ALLOYS
(NO) composed of Ag, Cu, Sn

tyvelose

(RN) 5658-12-8
(RR) 32142-24-8 ((L)-isomer)
(SY) dideoxyhexose
(HM) *HEXOSES
(NO) see also records for paratose & colitose; RN given refers to (D)-isomer; RN for cpd without isomeric designation not in Chemline 7/83

Tyzine see tetrahydrozoline

TZDOIP see 2-(1H-tetrazol-5-yl)-4,5-dihydro-4-oxo-indenopyran

TZU 0460

(RN) 93793-83-0
(SY) TZU-0460
(SY) N-(3-(3-(1-piperidinylmethyl)phenoxy)propyl) acetoxyacetamide
(HM) *PIPERIDINES
(PA) HISTAMINE H2 RECEPTOR BLOCKADERS
(NO) RN given refers to HCl; structure given in first source

TZU-0460 see TZU 0460

T 1286 see campanyl

T-181 see ethylphenylepoxygeranyl ether

T 181 see ethylphenylepoxygeranyl ether

T-1982 see cefbuperazone

T 1982 see cefbuperazone

T 22083

(RN) 85228-87-1
(SY) T-22083
(HM) UBIQUINONE/*analogs
(PA) LIPOXYGENASES/antag
(NO) structure given in first source

T-22083 see T 22083

T2636 see lankacidins

T 330

(RN) 52410-51-2
(SY) T-330
(HM) *OLIGOPEPTIDES
(HM) *DIPEPTIDES
(II) FOOD, FORMULATED
(NO) enteral nutrient containing di- & tripeptides as N source

T-330 see T 330

t6Ia see N-(9-(beta-D-ribofuranosyl)purin-6-ylcarbamoyl) threonine

T-61

(RN) 66424-27-9
(SY) T 61
(HM) *AMIDES
(HM) *AMMONIUM COMPOUNDS
(HM) *TETRACAINE
(HM) DRUG COMBINATIONS
(NO) for euthanasia of animals; each milliliter contains 200 mg of N-(2-(m-methoxyphenyl)-2-ethylbutyl)-gamma-hydroxybutyramide, 50 mg of 4,4'-methylenebis(cyclohexyltrimethylammonium iodide), 5 mg of tetracaine HCl, with 0.6 ml dimethylformamide in distilled water

T 61 see T-61

U-7 amino sugar see amino sugar U 7

UB A-2-G see uric acid-binding alpha 2 globulin

ubichromenol
(RN) 2382-48-1
(HM) *CHROMANS

ubidecarenone see coenzyme Q10

ubihydroquinone-cytochrome c reductase see ubiquinol-cytochrome C reductase

ubiquinol
(RN) 56275-39-9
(RR) 484-59-3 (ubiquinol 7)
(RR) 5677-58-7 (ubiquinol 6 (ubiquinol 30))
(RR) 5677-54-3 (ubiquinol 9)
(RR) 992-78-9 (ubiquinol 50)
(RR) 3066-90-8 (ubiquinol 0)
(RR) 52590-98-4 (ubiquinol 1)
(SY) ubiquinols
(HM) UBIQUINONE/*analogs
(NO) reduced forms of ubiquinone; see also record for ubiquinol 10

ubiquinol-cytochrome C reductase
(RN) EC 1.10.2.2
(RR) 9027-03-6 (CRN)
(SY) complex III
(SY) ubiquinone-cytochrome C reductase
(SY) ubihydroquinone-cytochrome c reductase
(SY) cytochrome bc1
(SY) dihydroubiquinone cytochrome c oxidoreductase
(SY) coenzyme Q cytochrome c reductase
(SY) QH(2) cytochrome c oxidoreductase
(SY) ubiquinone- cytochrome b-c2 oxidoreductase
(SY) cytochrome b-c(1) complex
(SY) QH(2)-ferricytochrome C oxidoreductase
(SY) cytochrome b-c2 oxidoreductase
(HM) *MULTIENZYME COMPLEXES
(HM) *QUINONE REDUCTASES

ubiquinol-8 oxidase (Cyt d)
(RN) EC 1.-
(SY) cytochrome d terminal oxidase
(SY) cytochrome d terminal oxidase complex
(HM) *OXIDOREDUCTASES
(NO) contains cytochromes b558, a1 & d

ubiquinol-8 oxidase (Cyt o)
(RN) EC 1.-
(SY) cytochrome o terminal oxidase
(SY) cytochrome o terminal oxidase complex
(HM) *OXIDOREDUCTASES

ubiquinol (Q1H2) oxidase see ubiquinol-1 oxidase

ubiquinol-1 oxidase
(RN) EC 1.6.99.-
(SY) ubiquinol (Q1H2) oxidase
(HM) *QUINONE REDUCTASES

ubiquinols see ubiquinol

ubiquinone binding proteins see ubiquinone-binding proteins

ubiquinone-binding proteins
(SY) QP-C protein
(SY) ubiquinone binding proteins
(HM) *CARRIER PROTEINS
(II) UBIQUINONE

ubiquinone- cytochrome b-c2 oxidoreductase see ubiquinol-cytochrome C reductase

ubiquinone-cytochrome C reductase see ubiquinol-cytochrome C reductase

Ubiquinone Q1
(RN) 727-81-1
(SY) coenzyme Q1
(SY) ubiquinone 5
(SY) coenzyme Q5
(HM) *UBIQUINONE
(NO) interacts with iron atom to form acceptor quinone complex

Ubiquinone Q2
(RN) 7704-04-3
(RR) 606-06-4 ((E)-isomer)
(SY) coenzyme Q2
(SY) ubiquinone 10
(HM) *UBIQUINONE
(NO) interacts with iron atom to form acceptor quinone complex; RN given refers to cpd with unspecified isomeric designation

ubiquinone reductase see NAD(P)H dehydrogenase (quinone)

ubiquinone 10 see Ubiquinone Q2

ubiquinone 5 see Ubiquinone Q1

ubiquinone 50 see coenzyme Q10

ubiquinone 8
(RN) 2394-68-5
(SY) coenzyme Q8
(SY) COQ8
(HM) *UBIQUINONE

ubiquinone-9 see ubiquinone 9

ubiquinone 9
(RN) 303-97-9
(RR) 40819-89-4 ((Z,Z,Z,Z,Z,E,E,E)-isomer)
(SY) coenzyme Q9
(SY) ubiquinone-9
(HM) *UBIQUINONE
(NO) RN given refers to (all-E)-isomer; RN for cpd without isomeric designation not in Chemline 7/83

ubiquitin-activating enzyme
(RN) EC 6.2.1.-
(HM) *LIGASES
(NO) forms both an enzyme-bound COOH-terminal ubiquitin thiolester & a COOH-terminal ubiquitin-adenylate

ubiquitin adenylate
(SY) ubiquitin-AMP
(HM) *UBIQUITIN/analogs
(HM) ADENOSINE MONOPHOSPHATE/*analogs
(NO) carboxy-terminal glycine of ubiquitin & AMP in acyl-phosphate linkage

ubiquitin-AMP see ubiquitin adenylate

ubiquitin carboxy-terminal esterase
(RN) EC 3.1.2.-
(SY) ubiquitin C-terminal esterase
(HM) *THIOLESTER HYDROLASES
(NO) cleaves C-terminal enzyme S-ubiquitin and C-terminal adenosine 5'-phosphate ubiquitin

ubiquitin carrier protein
(HM) *CARRIER PROTEINS
(II) UBIQUITIN

ubiquitin-histone 2A see semihistone A24

ubiquitin precursor
(HM) *UBIQUITIN
(HM) *PROTEIN PRECURSORS
(NO) 80 amino acid carboxy terminal extension of 76 amino acid ubiquitin

ubiquitin-protein ligase system
(RN) EC 6.-
(HM) *LIGASES
(NO) consists of 3 enzymes; E1 is ubiquitin activating enzyme; E2 transfers activated ubiquitin as an enzyme-ubiquitin thiol ester to E3, which transfers ubiquitin to an intracellular protein

ubiquitin C-terminal esterase see ubiquitin carboxy-terminal esterase

ubisemiquinone see coenzyme Q10

ubisemiquinone radical see coenzyme Q10

UCA see urochloralic acid

UCB-6474 see etiracetam

UCB 6474 see etiracetam

UD-CG 115 see pimobendan

UD-CG115 see pimobendan

UD CG 115 see pimobendan

UDGF see uterine-derived cell growth factor

UDP-N-acetylenolpyruvoylglucosamine reductase
(RN) EC 1.1.1.158
(SY) UDP-N-acetylmuramate NADP oxidoreductase
(SY) UDP-N-acetylenolpyruvylglucosamine reductase
(HM) *CARBOHYDRATE DEHYDROGENASES

UDP-N-acetylenolpyruvylglucosamine reductase see UDP-N-acetylenolpyruvoylglucosamine reductase

UDPacetylgalactosamine-(N-acetylneuraminyl)-D-galactosyl-D-glucosylceramide acetylgalactosaminyltransferase
(RN) EC 2.4.1.92
(RR) 67338-98-1 (CRN)
(SY) GM3 UDP-N-acetylgalactosaminyl transferase
(SY) UDP-GalNAc-GM3 N-acetylgalactosaminyltransferase
(SY) UDP-N-acetylgalactosylamine-hematoside N-acetylgalactosaminyl transferase
(SY) GM2 synthase
(SY) GM3-GalNac-transferase
(HM) *GALACTOSYLTRANSFERASES

UDP-N-acetylgalactosamine-4,6-bissulfate 4-sulfatase
(RN) EC 3.1.6.-
(SY) UDP-GalNAc 4,6-bisSO4 sulfatase
(HM) *SULFATASES

UDPacetylgalactosamine-galactosyl-galactosyl-glucosylceramide beta-N-acetyl-D-galactosaminyltransferase
(RN) EC 2.4.1.79
(SY) beta-N-acetylgalactosaminyltransferase
(HM) *GALACTOSYLTRANSFERASES

UDPacetylgalactosamine-globoside alpha-N- acetylgalactosaminyltransferase
(RN) EC 2.4.1.88
(HM) *GALACTOSYLTRANSFERASES

UDP-N-acetylgalactosamine-globoside beta- N-acetylgalactosaminyltransferase
(RN) EC 2.4.1.-
(SY) UDP-N-acetylgalactosamine-globotriaosylceramide beta-3-N-acetylgalactosaminyltransferase
(SY) globoside beta GalNAc transferase
(HM) *GALACTOSYLTRANSFERASES
(NO) from dog spleen; synthesizes human blood group P antigen

UDP-N-acetylgalactosamine-globotriaosylceramide beta-3-N-acetylgalactosaminyltransferase see UDP-N-acetylgalactosamine-globoside beta-N-acetylgalactosaminyltransferase

UDP-N-acetylgalactosamine mucin transferase see UDPacetylgalactosamine-protein acetylgalactosaminyltransferase

UDP-N-acetylgalactosamine-polypeptide N-acetylgalactosamine transferase see UDPacetylgalactosamine-protein acetylgalactosaminyltransferase

UDPacetylgalactosamine-protein acetylgalactosaminyltransferase

(RN) EC 2.4.1.41
(SY) protein-UDPacetylgalactosaminyltransferase
(SY) UDP-N-acetylgalactosamine mucin transferase
(SY) UDP-N-acetylgalactosamine-polypeptide N-acetylgalactosamine transferase
(HM) *GALACTOSYLTRANSFERASES

UDP-N-acetylgalactosamine 4-sulfate see uridine diphosphate-N-acetylgalactosamine 4-sulfate

UDP-N-acetylgalactosamine-4-sulfate sulfotransferase

(RN) EC 2.8.2.7
(SY) UDP-GalNAc-4-sulfate 6-sulfotransferase
(HM) *SULFURTRANSFERASES

UDP-N-acetylgalactosylamine-hematoside N-acetylgalactosaminyl transferase see UDPacetylgalactosamine-(N-acetylneuraminyl)-D-galactosyl-D-glucosylceramide acetylgalactosaminyltransferase

UDP-acetylglucosamine-beta-D-galactosylsaccharide acetylglucosaminyltransferase

(RN) EC 2.4.1.-
(SY) UDP-acetylglucosamine beta-D-galactosyl(1-4) saccharide (1-3)acetylglucosaminyltransferase
(SY) UDP-AGAGT
(HM) *GLUCOSYLTRANSFERASES
(NO) transfers 2-acetamido-2-deoxy-D-glucose from UDP-2-acetamido-2-deoxy-D-glucose to terminal nonreducing beta-D-galactosyl residues in disaccharides, oligosaccharides, glycoproteins & glycolipids; detected in human serum

UDP-acetylglucosamine beta-D-galactosyl(1-4) saccharide (1-3)acetylglucosaminyltransferase see UDP-acetylglucosamine-beta-D-galactosylsaccharide acetylglucosaminyltransferase

UDP-acetylglucosamine-dolichol phosphate acetylglucosamine-1-phosphate transferase see UDPacetylglucosamine-dolichyl-phosphate acetylglucosamine- 1-phosphate transferase

UDP-N-acetylglucosamine-dolichyldiphosphate N-acetylglucosamine, N-acetylglucosamine transferase

(RN) EC 2.4.1.-
(SY) dolichol pathway enzyme II
(SY) UDPGNAC dolichyl diP transferase
(SY) dolichyl phosphate N-acetylglucosaminyltransferase
(HM) *GLUCOSYLTRANSFERASES

UDPacetylglucosamine-dolichyl-phosphate acetylglucosamine- 1-phosphate transferase

(RN) EC 2.7.8.-
(SY) N-acetylglucosamine-1-phosphate transferase
(SY) Dol-P-P-GlcNAc synthase
(SY) dolichol pathway enzyme I
(SY) UDP-acetylglucosamine-dolichol phosphate acetylglucosamine-1-phosphate transferase
(SY) GlcNAc-DP-1-phosphotransferase
(HM) *PHOSPHOTRANSFERASES
(NO) transfers N-acetylglucosamine 1-phosphate from UDP-N-acetylglucosamine to dolichyl phosphate, forming N-acetylglucosaminylpyrophosphoryldolichol

UDP-N-acetylglucosamine-enolpyruvate

(RN) 70222-94-5
(SY) UDPGNAC-enolpyruvate
(HM) *URIDINE DIPHOSPHATE N-ACETYLGLUCOSAMINE/analogs

UDP-N-acetyl-D-glucosamine 2'-epimerase see acylglucosamine 2-epimerase

UDP-N-acetylglucosamine 4-epimerase

(RN) EC 5.1.3.7
(RR) 9024-16-2 (CRN)
(HM) *CARBOHYDRATE ISOMERASES

UDP-N-acetylglucosamine-galactose(1-6)-N- acetylglucosaminyltransferase

(RN) EC 2.4.1.148
(SY) UDP-NAGAGF
(HM) *GLUCOSYLTRANSFERASES
(NO) forms oligosaccharide core class 4(GlcNAc beta 1-3(GlcNAc beta 1-6)GALNAc) in mucins & various glycoproteins

UDP N-acetylglucosamine-glycoprotein N- acetylglucosaminyl transferase

(RN) EC 2.4.1.51
(RR) 37277-59-1 (CRN)
(HM) *GLUCOSYLTRANSFERASES

UDP-N-acetylglucosamine-keratan-N-acetylglucosaminyltransferase

(RN) EC 2.4.1.-
(SY) keratan-N-acetylglucosaminyltransferase
(SY) UDP-AGKG-transferase
(HM) *GLUCOSYLTRANSFERASES

UDP-N-acetylglucosamine-lysosomal-enzyme-N-acetylglucosaminephosphotransferase

(RN) EC 2.7.8.17
(SY) UDPGNAC GP GNAC phosphotransferase
(SY) UDPGNAC phosphotransferase
(SY) uridine 5'-diphosphate-N-acetylglucosamine glycoprotein N- acetylglucosaminylphosphotransferase
(HM) *PHOSPHOTRANSFERASES
(NO) fibroblasts from patients with I-cell & pseudo-Hurler polydystrophy are deficient in above enzyme

UDP-N-acetylglucosamine-lysosomal enzyme N-acetylglucosamine-1-phosphotransferase see UDP-N-acetylglucosamine-lysosomal glycoprotein N-acetylglucosaminylphosphotransferase

UDP-N-acetylglucosamine-lysosomal glycoprotein N-acetylglucosaminylphosphotransferase

(RN) EC 2.4.1.-
(SY) UDP-N-acetylglucosamine-lysosomal enzyme N-acetylglucosamine-1-phosphotransferase
(SY) N-acetylglucosaminylphosphotransferase
(SY) UDP-GlcNAc-lysosomal enzyme precursor N-acetylglucosamine-1-phosphotransferase
(SY) N-AGAPT
(HM) *GLUCOSYLTRANSFERASES
(NO) enzyme deficient in I-cell disease (mucolipidosis II) & pseudo-Hurler polydystrophy (mucolipidosis III)

UDP-N-acetylglucosamine-mucin acetylglucosaminyltransferase

(RN) EC 2.4.1.-
(SY) UDPGLCNAC-mucin transferase
(HM) *GLUCOSYLTRANSFERASES

UDPacetylglucosamine pyrophosphorylase

(RN) EC 2.7.7.23
(HM) *NUCLEOTIDYLTRANSFERASES

UDP N-acetyllactosaminide beta 1-3 acetylglucosaminyltransferase

(RN) EC 2.4.1.-
(SY) UDPGNAC 1-3 transferase
(SY) UDP-GlcNAc-Gal beta 1-4 Glc(NAc) beta 1-3-N- acetylglucosaminyltransferase
(HM) *GLUCOSYLTRANSFERASES
(NO) from Novikoff ascites tumor cells and human serum; asialo-alpha 1-acid glycoprotein acts as acceptor, as do N-acetyllactosamine units in oligosaccharides, glycoproteins, proteoglycans & glycolipids

UDP N-acetyllactosaminide beta-1-6 N-acetylglucosaminyl transferase

(RN) EC 2.4.1.-
(SY) UDPGNAC 1-6 transferase
(HM) *GLUCOSYLTRANSFERASES
(NO) from Novikoff ascites tumor cells; asialo-alpha 1-acid glycoprotein acts as acceptor

UDP-N-acetylmannosamine dehydrogenase

(RN) EC 1.1.1.-
(SY) UDP-mannose-N-acetyldehydrogenase
(HM) *CARBOHYDRATE DEHYDROGENASES
(NO) from UDP-N-acetylmannosamine to UDP-ManNAcUA; it is NAD dependent

UDP-N-acetylmuramate NADP oxidoreductase see UDP-N-acetylenolpyruvoylglucosamine reductase

UDP-N-acetylmuramic acid pentapeptide

(RN) 16124-22-4
(SY) UDP-N-acetylmuramic acid pentapeptides
(SY) UDP-MurNAc-pentapeptide
(HM) *URIDINE DIPHOSPHATE N-ACETYLMURAMIC ACID/analogs

UDP-N-acetylmuramic acid pentapeptides see UDP-N-acetylmuramic acid pentapeptide

UDP-AGAGT see UDP-acetylglucosamine-beta-D-galactosylsaccharide acetylglucosaminyltransferase

UDP-AGKG-transferase see UDP-N-acetylglucosamine-keratan-N-acetylglucosaminyltransferase

UDPapiose-UDPxylose synthase see UDPglucuronate decarboxylase

UDP arabinose see uridine diphosphate arabinose

UDPase see uridine diphosphatase

UDPCAGtransferase see UDPglucose-coniferyl-alcohol glucosyltransferase

UDP dialdehyde

(RN) 60262-90-0
(SY) dial-UDP
(HM) URIDINE DIPHOSPHATE/*analogs

UDP-N(2),3-di(3-hydroxymyristoyl) glucosamine

(RN) 90293-60-0
(SY) UDP-2,3-di-OHM GlcN
(HM) *URIDINE DIPHOSPHATE N-ACETYLGLUCOSAMINE/analogs
(II) *GLYCOLIPIDS
(NO) from lipid A unit; structure given in first source

UDP-2,3-di-OHM GlcN see UDP-N(2),3-di(3-hydroxymyristoyl)glucosamine

UDP-FGlc see uridine-2-deoxy-2-fluoro-D-glucose diphosphate ester

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UDP-gal-N-acetylgalactosaminide mucin-beta 1,3-galactosyltransferase
(RN) EC 2.4.1.-
(SY) UDPGal-NACGM-galactosyltransferase
(SY) UDP-galactose-alpha-N-acetylgalactosaminide beta 3 galactosyltransferase
(HM) *GALACTOSYLTRANSFERASES
(NO) forms galactosyl beta 1,3-N-acetylgalactosaminide mucin

UDP-Gal-N-acetyllactosaminide alpha-1,3-galactosyltransferase see N-acetyllactosamine alpha-D-galactosyltransferase

UDPgalactosamine-galactose acetylgalactosaminyltransferase
(RN) EC 2.4.1.-
(SY) blood group A-enzyme
(SY) N-acetylgalactosaminyltransferase
(SY) blood group glycosyltransferase A
(SY) alpha-3-D-N-acetylgalactosaminyltransferase
(SY) alpha-3-N-acetyl-D-galactosaminyltransferase
(HM) *GALACTOSYLTRANSFERASES
(NO) transfers sugars from UDP-N-acetylgalactosamine to terminal galactose of H substance, producing A antigen

UDPgalactose-N-acetylgalactosaminyl-(N-acetylneuraminyl)-galactosyl-glucosyl-ceramide galactosyltransferase see UDPgalactose-ceramide galactosyltransferase

UDPgalactose-N-acetylglucosamine galactose-1-phosphotransferase
(RN) EC 2.7.8.-
(SY) galactose-1-phosphotransferase
(HM) *PHOSPHOTRANSFERASES
(NO) forms UDP N-acetylglucosamine-6-phosphogalactose

UDP-galactose-alpha-N-acetylgalactosaminide beta 3 galactosyltransferase see UDP-gal-N-acetylgalactosaminide mucin-beta 1,3- galactosyltransferase

UDPgalactose-ceramide galactosyltransferase
(RN) EC 2.4.1.62
(RR) 37217-28-0 (CRN)
(SY) UDPgalactose-N-acetylgalactosaminyl-(N-acetylneuraminyl)-galactosyl-glucosyl-ceramide galactosyltransferase
(SY) UDPgalactose-GM2 galactosyltransferase
(HM) *GALACTOSYLTRANSFERASES
(NO) consider also EC 2.4.1.45

UDPgalactose-collagen galactosyltransferase
(RN) EC 2.4.1.50
(RR) 9028-07-3 (CRN)
(SY) collagen-galactosyltransferase
(SY) hydroxylysyl galactosyltransferase
(HM) *GALACTOSYLTRANSFERASES

UDPgalactose-fucosyl-GM1 alpha galactosyltransferase
(RN) EC 2.4.1.-
(SY) fucosyl-GM1 galactosyltransferase
(HM) *GALACTOSYLTRANSFERASES

UDPgalactose-galactosyl-glucosaminyl-galactosyl-glucosylceramide-alpha-D-galactosyltransferase
(RN) EC 2.4.1.87
(HM) *GALACTOSYLTRANSFERASES

UDPgalactose-glucosylceramide galactosyltransferase
(RN) EC 2.4.1.-
(SY) GL2 synthase
(SY) lactosylceramide synthase
(HM) *GALACTOSYLTRANSFERASES

UDP-galactose-(glucosyl)lipopolysaccharide 1,6-galactosyltransferase see UDPgalactose-lipopolysaccharide galactosyltransferase

UDPgalactose-glycoprotein-alpha-L-fucosyl-(1,2)-D-galactose 3-alpha-D-galactosyltransferase see blood-group-substance alpha-D-galactosyltransferase

UDPgalactose-GM2 galactosyltransferase see UDPgalactose-ceramide galactosyltransferase

UDPgalactose-2-hydroxyacylsphingosine galactosyltransferase
(RN) EC 2.4.1.45
(HM) *GALACTOSYLTRANSFERASES
(NO) this enzyme has also been called UDP-galactose-ceramide galactosyltrasferase, see EC 2.4.1.62

UDPgalactose-keratan galactosyltransferase
(RN) EC 2.4.1.-
(SY) keratan-galactosyltransferase
(HM) *GALACTOSYLTRANSFERASES

UDP-galactose-lactosylceramide alpha 1-4- galactosyltransferase
(RN) EC 2.4.1.-
(SY) UDPgal-galactosyl-beta-1-4-glucosylceramide alpha1-4-galactosyltransferase
(SY) globotriaosylceramide synthase
(SY) UDP-GLCG-transferase
(HM) *GALACTOSYLTRANSFERASES
(NO) catalyzes transfer of galactose from UDO-galactose to lactosylceramide; exclusively an alpha1-4-galactosyltransferase

UDP-D-galactose-lipopolysaccharide alpha 1,6-D-galactosyltransferase see UDPgalactose-lipopolysaccharide galactosyltransferase

UDPgalactose-lipopolysaccharide alpha-1, 3-galactosyltransferase
(RN) EC 2.4.1.-
(SY) LPS Gal 1,3-transferase
(HM) *GALACTOSYLTRANSFERASES

UDPgalactose-lipopolysaccharide galactosyltransferase
(RN) EC 2.4.1.44
(SY) UDP-D-galactose-lipopolysaccharide alpha 1,6-D- galactosyltransferase
(SY) UDP-galactose-(glucosyl)lipopolysaccharide 1,6-galactosyltransferase
(HM) *GALACTOSYLTRANSFERASES

UDPgalactose-mucopolysaccharide galactosyltransferase
(RN) EC 2.4.1.74
(RR) 51004-28-5 (CRN)
(HM) *GALACTOSYLTRANSFERASES

UDPgalactose-ovalbumin galactosyltransferase
(RN) EC 2.4.1.-
(SY) ovalbumin galactosyltransferase
(HM) *GALACTOSYLTRANSFERASES

UDPgalactose polysaccharide transferase
(RN) EC 2.4.1.-
(SY) UDP-Gal-PS-transferase
(HM) *GALACTOSYLTRANSFERASES

UDPgal-galactosyl-beta-1-4-glucosylceramide alpha1-4-galactosyltransferase see UDP-galactose-lactosylceramide alpha 1-4- galactosyltransferase

UDP-GalNAc-beta-galactose beta 1,4-N-acetylgalactosaminyltransferase
(RN) EC 2.4.1.-
(SY) beta-1,4-N-acetylgalactosaminyltransferase
(SY) 4-GalNActransferase
(HM) *GALACTOSYLTRANSFERASES

UDP-GalNAc 4,6-bisSO4 sulfatase see UDP-N-acetylgalactosamine-4,6-bissulfate 4-sulfatase

UDP-GalNAc-GM3 N-acetylgalactosaminyltransferase see UDPacetylgalactosamine-(N-acetylneuraminyl)-D-galactosyl-D-glucosylceramide acetylgalactosaminyltransferase

UDPGal-NACGM-galactosyltransferase see UDP-gal-N-acetylgalactosaminide mucin-beta 1,3-galactosyltransferase

UDP-GalNAc-4-sulfate 6-sulfotransferase see UDP-N-acetylgalactosamine-4-sulfate sulfotransferase

UDP-Gal-PS-transferase see UDPgalactose polysaccharide transferase

UDP-GalNAc-S see uridine diphosphate-N-acetylgalactosamine 4-sulfate

UDPGC-glucosyltransferase see UDPglucose tert-cinnamate glucosyltransferase

UDPG GALHLC glucosyltransferase see UDPglucose galactosylhydroxylysine collagen glucosyl- transferase

UDP-GLCG-transferase see UDP-galactose-lactosylceramide alpha 1-4-galactosyltransferase

UDP-GlcNAc-Gal beta 1-4 Glc(NAc) beta 1-3-N-acetylglucosaminyltransferase see UDP N-acetyllactosaminide beta 1-3 acetylglucosaminyltransferase

UDP-GlcNAc-GalNAc-R beta 3-acetylglucosaminyltransferase see acetylgalactosaminyl-O-glycosyl-glycoprotein beta-1,3-N-acetylglucosaminyltransferase

UDP-GlcNAc-GnGn(GlcNAc to Man alpha1-3) beta 4-N-acetylglucosaminyltransferase IV
(RN) EC 2.4.1.-
(SY) GlcNAc-transferase IV
(HM) *GLUCOSYLTRANSFERASES
(NO) incorporates N-acetyglucosamine as the third branch of complex N-glycosyl-oligosaccharide of hen oviduct

UDP-GlcNAc-lysosomal enzyme precursor N-acetylglucosamine-1-phosphotransferase see UDP-N-acetylglucosamine-lysosomal glycoprotein N-acetylglucosaminylphosphotransferase

UDPGLCNAC-mucin transferase see UDP-N-acetylglucosamine-mucin acetylglucosaminyltransferase

5-F-2'-UDP-GlcNAc see 5-fluoro-2'-deoxyuridine diphosphate-N- acetylglucosamine

UDPglucose-ceramide glucosyltransferase
(RN) EC 2.4.1.80
(RR) 37237-44-8 (CRN)
(SY) glucocerebroside synthetase
(SY) ceramide UDPG glucosyltransferase
(HM) *GLUCOSYLTRANSFERASES

UDP glucose-collagen glucosyltransferase
(RN) EC 2.4.1.66
(RR) 9028-08-4 (CRN)
(SY) collagen glucosyltransferase
(SY) galactosylhydroxylysyl glucosyltransferase
(HM) *GLUCOSYLTRANSFERASES

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UDPglucose–coniferyl–alcohol glucosyltransferase
(RN) EC 2.4.1.–
(SY) UDPCAGtransferase
(HM) *GLUCOSYLTRANSFERASES
(NO) forms coniferin (coniferyl alcohol 7–O–beta–D–glucopyranoside)

UDPglucose dolicholphosphate glucosyltransferase
(RN) EC 2.4.1.–
(SY) dolichyl glucosyl transferase
(HM) *GLUCOSYLTRANSFERASES

UDPglucose–flavonol glucosyltransferase
(RN) EC 2.4.1.91
(RR) 50812–18–5 (CRN)
(SY) flavone O–7–beta–glucosyltransferase
(SY) flavonoid O–3–glucosyltransferase
(HM) *GLUCOSYLTRANSFERASES
(NO) acts on a variety of flavonols including quercetin & quercetin 7–O–glucoside

UDPglucose–flavonol–ring–B–O–glucosyltransferase
(RN) EC 2.4.1. –
(SY) flavonol–ring–B O–glucosyltransferase
(SY) flavonol RBO glucosyltransferase
(HM) *GLUCOSYLTRANSFERASES
(NO) transfers glucose from UDPG to positions 2' or 5' of partially methylated flavonols

UDPglucose galactosylhydroxylysine–basement membrane glucosyltransferase see UDPglucose galactosylhydroxylysine collagen glucosyl– transferase

UDPglucose galactosylhydroxylysine collagen glucosyl–transferase
(RN) EC 2.4.1.–
(SY) UDPglucose galactosylhydroxylysine–basement membrane glucosyltransferase
(SY) UDPG GALHLC glucosyltransferase
(HM) *GLUCOSYLTRANSFERASES

UDP–glucose–(glucosyl)lipopolysaccharide 1,3–glucosyltransferase see UDPglucose–lipopolysaccharide glucosyltransferase I

UDPglucose–glycoprotein glucose–1–phosphotransferase
(RN) EC 2.7.8.–
(SY) GlcPTase
(HM) *PHOSPHOTRANSFERASES
(NO) from embryonic chicken neural retina; glucose is linked by phosphodiester bonds to mannose of a cell surface glycoprotein

UDPglucose–(heptosyl)lipopolysaccharide alpha–1,3–glucosyltransferase I see UDPglucose–lipopolysaccharide glucosyltransferase I

UDPglucose hydrolase
(RN) EC 3.1.3.–
(HM) *NUCLEOTIDASES

UDPglucose–lipopolysaccharide glucosyltransferase I
(RN) EC 2.4.1.58
(SY) UDPglucose–(heptosyl)lipopolysaccharide alpha–1,3–glucosyltransferase I
(SY) UDP–glucose–(glucosyl)lipopolysaccharide 1,3–glucosyltransferase
(HM) *GLUCOSYLTRANSFERASES

UDPglucose–sterol glucosyltransferase
(RN) EC 2.4.1.–
(HM) *GLUCOSYLTRANSFERASES

UDPglucose tert–cinnamate glucosyltransferase
(RN) EC 2.4.1.–
(SY) UDPGC–glucosyltransferase
(HM) *GLUCOSYLTRANSFERASES
(NO) isolated from sweet potato root; catalyzes formation of tert–cinnamoyl–D–glucose

UDPglucuronate carboxy–lyase see UDPglucuronate decarboxylase

UDPglucuronate decarboxylase
(RN) EC 4.1.1.35
(SY) UDPglucuronate carboxy–lyase
(SY) UDPapiose–UDPxylose synthase
(HM) *CARBOXY–LYASES

UDP glucuronic acid pyrophosphatase see nucleotide pyrophosphatase

UDPGNAC–alpha–D–mannose beta–2–N–acetylglucosaminyltransferase I
(RN) EC 2.4.1.–
(SY) UDPGNAC–MAGtransferase
(HM) *GLUCOSYLTRANSFERASES

UDPGNAC dolichyl diP transferase see UDP–N–acetylglucosamine–dolichyldiphosphate N–acetylglucosamine, N–acetylglucosamine transferase

UDPGNAC–enolpyruvate see UDP–N–acetylglucosamine–enolpyruvate

UDPGNAC–glycopeptide beta4–N–acetylglucosaminyl transferase III
(RN) EC 2.4.1.–
(SY) UDPGNAC–MAGtransferase III
(HM) *GLUCOSYLTRANSFERASES
(NO) adds glcNac in beta 1–4 linkage to the beta linked mannose of the trimannosyl core of N–glycosyl oligosaccharides

UDPGNAC GP GNAC phosphotransferase see UDP–N–acetylglucosamine–lysosomal–enzyme–N–acetylglucosaminephosphotransferase

UDPGNAC–MAGtransferase see UDPGNAC–alpha–D–mannose beta–2–N–acetylglucosaminyltransferase I

UDPGNAC–MAGtransferase III see UDPGNAC–glycopeptide beta4–N–acetylglucosaminyl transferase III

UDPGNAC phosphotransferase see UDP–N–acetylglucosamine–lysosomal–enzyme–N–acetylglucosaminephosphotransferase

UDPGNAC 1–3 transferase see UDP N–acetyllactosaminide beta 1–3 acetylglucosaminyltransferase

UDPGNAC 1–6 transferase see UDP N–acetyllactosaminide beta–1–6 N– acetylglucosaminyl transferase

UDPG transferase see cellulose synthase (UDP–forming)

UDP mannose see uridine diphosphate mannose

UDP–mannose–N–acetyldehydrogenase see UDP–N–acetylmannosamine dehydrogenase

UDP–N–methylglucosamine phosphate
(RN) 84283–22–7
(SY) UDP–N–methyl–D–glucosamine phosphate
(SY) UDP–NMGP
(HM) *URIDINE DIPHOSPHATE SUGARS

UDP–N–methyl–D–glucosamine phosphate see UDP–N–methylglucosamine phosphate

UDP–MurNAc–pentapeptide see UDP–N–acetylmuramic acid pentapeptide

UDP–NAGAGF see UDP–N–acetylglucosamine–galactose(1–6)–N–acetylglucosaminyltransferase

UDP–NMGP see UDP–N–methylglucosamine phosphate

UDP–pyridoxal see uridine diphosphopyridoxal

UDPxylose–core protein xylosyltransferase see UDP xylose–protein xylosyltransferase

UDP xylose–protein xylosyltransferase
(RN) EC 2.4.2.26
(RR) 55576–38–0 (CRN)
(SY) UDPxylose–core protein xylosyltransferase
(SY) xylosyltransferase
(SY) beta–D–xylosyltransferase
(HM) *PENTOSYLTRANSFERASES

UDPxylosyltransferase
(RN) EC 2.4.2.–
(HM) *PENTOSYLTRANSFERASES

UFD 1
(RN) 88254–05–1
(SY) UFD–1
(HM) URACIL
(HM) FTORAFUR/analogs
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of uracil & FD–1

UFD–1 see UFD 1

UFTM
(HM) URACIL
(HM) FTORAFUR
(HM) MITOMYCINS
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of uracil, ftorafur & mitomycin C

1–UFT
(RN) 74578–38–4
(SY) 1 UFT
(HM) FTORAFUR
(HM) URACIL
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above two cpds in molar ratio of 1 for FT & 4 for uracil

1 UFT see 1–UFT

UHDBT see 5–n–undecyl–6–hydroxy–4,7–dioxobenzothiazole

UH2A see semihistone A24

Ujolyt
(RN) 70715–26–3
(HM) *POLYMERS
(II) CATION EXCHANGE RESINS
(NO) used in treatment of absorptive hypercalciurea & chronic calcium oxalate lithiasis; contains several forms of wofatit

UKJ72J see UKJ 72J

UKJ 72J
(RN) 78415–50–6
(SY) UKJ–72J
(SY) UKJ72J
(SY) 2–ethylamino–4–amino–5–thiomethyl–6–chloropyrimidine
(HM) *PYRIMIDINES
(PA) HERBICIDES
(NO) herbicide which inhibits succinate oxidation in plant mitochondria

UKJ–72J see UKJ 72J

UK–11,443 see primidolol

UK 14,275 see UK 14275

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UK-14275 see UK 14275

UK 14275
(RN) 59184-78-0
(SY) BDPU
(SY) UK 14,275
(SY) 1-butyl-3-(1-(6,7-dimethoxyquinazolin-4-yl) piperidin-4-yl)urea
(SY) UK-14275
(HM) *QUINAZOLINES
(PA) PHOSPHODIESTERASE INHIBITORS
(NO) cardiac stimulant; structure

UK 14304
(RN) 59803-98-4
(RR) 70359-46-5 (tartrate[1:1])
(SY) UK-14304
(HM) *QUINOXALINES
(PA) ANTIHYPERTENSIVE AGENTS
(NO) related to donidine; RN given refers to parent cpd; structure

UK-14304 see UK 14304

UK 18596 see UK 18,596

UK 18,596
(RN) 70978-66-4
(SY) UK-18596
(SY) UK 18596
(HM) PRAZOSIN/*analogs
(PA) ANTIHYPERTENSIVE AGENTS
(NO) no other information available 4/23/80

UK-18596 see UK 18,596

UK-18892 see butikacin

UK 20,349 see tioconazole

UK 25842 see 4-hydroxyphenylglycine

UK-25842 see 4-hydroxyphenylglycine

UK 33274 see UK 33,274

UK-33274 see UK 33,274

UK 33,274
(RN) 74191-85-8
(SY) UK33274
(SY) UK 33274
(SY) doxazosin
(SY) UK-33274
(HM) PRAZOSIN/*analogs
(PA) ANTIHYPERTENSIVE AGENTS
(PA) VASODILATOR AGENTS
(NO) no other information available 4/23/80

UK33274 see UK 33,274

UK 34787 see UK-34787

UK-34787
(RN) 72818-36-1
(RR) 72818-97-4 (mono-HCl)
(SY) 3-isopropyl-3-(1-imidazolylmethyl)indole
(SY) UK 34787
(HM) *INDOLES
(PA) THROMBOXANE SYNTHETASE/antag
(NO) RN given refers to parent cpd

UK-37248 see dazoxiben

UK 37248 see dazoxiben

UK-37,248 see dazoxiben

UK-37,248-01 see dazoxiben

UK 37248-01 see dazoxiben

UK-38,006 see 6-iodopenicillanic acid

UK 38485 see UK 38,485

UK 38,485
(RN) 76894-77-4
(SY) UK-38,485
(SY) 3-(1H-imidazole-1-yl-methyl)-2-methyl-1H-indole-3-propanoic acid
(SY) UK 38485
(SY) dazmegrel
(HM) *IMIDAZOLES
(PA) THROMBOXANE SYNTHETASE/antag

UK-38,485 see UK 38,485

UK 3883 see desoxyoxamniquine

UK 49858
(SY) UK-49858
(SY) 2-(2,4-difluorophenyl)-1,3-bis(1H-1,2,4-triazol-1-yl)propan-2-ol
(HM) *TRIAZOLES
(PA) ANTIFUNGAL AGENTS
(NO) active against Candida albicans and Trichophyton mentagrophytes; structure given in first source

UK-49858 see UK 49858

UK-9040
(RN) 47453-14-5
(SY) UK 9040
(SY) cis-1-(5-neopentyl-2-thienyl)-1-phenyl-4-pyrrolidinobut-1-ene
(HM) *PYRROLIDINES
(PA) HISTAMINE H2 RECEPTOR BLOCKADERS
(PA) ANTIHISTAMINICS
(NO) analog of conventional antihistaminics & powerful inhibitor of gastric acid secretion, structure

UK 9040 see UK-9040

ulceracin 378
(SY) ulceracin-378
(HM) *BACTERIOCINS
(II) CORYNEBACTERIUM
(NO) bacteriocin produced by Corynebacterium ulcerans 378

ulceracin-378 see ulceracin 378

ulcesium see fentonium

ulcogant see aluminum sucrose sulfate

ulcosilvanil
(HM) *ANTI-ULCER AGENTS
(PA) SYMPATHOLYTICS
(NO) anti-ulcer agent used in differentiation of benign & malignant gastric niches; may be related to acetazolamide; no other chemical information available 7/22/81

Ulcrux cream
(RN) 78891-92-6
(SY) heptathrombin ointment
(SY) hepathrombin ointment
(HM) *HEPARIN
(HM) *ALLANTOIN
(HM) PANTOTHENIC ACID/*analogs
(HM) DRUG COMBINATIONS
(PA) ANTI-INFLAMMATORY AGENTS, TOPICAL
(II) OINTMENTS
(NO) for treatment of skin ulcers; contains heparin, allantoin, dexpanthenol

Ulex europaeus II lectin see Ulex europaeus lectins

Ulex europaeus I lectin see Ulex europaeus lectins

Ulex europaeus lectins
(SY) ulex lectin
(SY) Ulex europaeus I lectin
(SY) Ulex europaeus II lectin
(HM) *LECTINS
(NO) marker for tumors derived from endothelial cells

ulex lectin see Ulex europaeus lectins

ULF proteins see uterine luminal fluid proteins

UL-FS-49 see UL-FS 49

UL-FS 49
(RN) 91940-87-3
(SY) 1,3,4,5-tetrahydro-7,8-dimethoxy-3-(3-((2-(3,4-dimethoxyphenyl)ethyl)methylimino)propyl)-2H-3-benzazepin-2-one HCl
(SY) UL-FS-49
(HM) *BENZAZEPINES
(PA) CARDIOVASCULAR AGENTS
(NO) bradycardic agent; structure given in first source; RN given refers to HCl; RN for parent cpd not in Chemline 1/85

Ulix see N-methylscopolamine

ulsanic see aluminum sucrose sulfate

ultrabond
(RN) 70322-37-1
(HM) *COMPOSITE RESINS
(NO) photopolymerized composite resin

Ultracaine DS
(SY) Ultracaine D-S
(SY) Ultracaine D-S forte
(HM) *CARTICAINE
(PA) ANESTHETICS, LOCAL
(NO) no other information available 7/24/81

Ultracaine D-S see Ultracaine DS

Ultracaine D-S forte see Ultracaine DS

Ultrafine
(HM) *SILICONES
(HM) *COLLOIDS
(II) DENTAL IMPRESSION MATERIALS
(NO) irreversible hydrocolloid/silicone

ultra-levure
(HM) *FUNGAL VACCINES
(II) SACCHAROMYCES
(NO) lyophilized Saccharomyces boulardii used in prevention of oropharyngeal candidiasis

ultratard insulin see insulin, ultratard

Ultroser G
(SY) Ultroser-G
(HM) *BLOOD SUBSTITUTES

Ultroser-G see Ultroser G

umbelliferone see 7-hydroxycoumarin

umbelliferyl heptadecanoate see 4-heptadecylumbelliferone

UMP-CMP kinase see cytidylate kinase

UMP kinase see uridine monophosphate kinase

UMP pyrophosphorylase see uracil phosphoribosyltransferase

UMP synthase see uridine 5'-monophosphate synthase

UMP transferase see UTP-RNA uridylyltransferase

umuc protein see gene proteins, bacterial

umu C gene product see gene proteins, bacterial

UM 1046 see UM-1046

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UM-1046
(RN) 77273-74-6
(RR) 53401-16-4 (HCl(+-)-isomer)
(RR) 64416-42-8 (HCl)
(SY) 3-(cyclopropylmethyl)-1,2,3,4,5,6-hexahydro-6-methyl-3-benzazocin
(SY) UM 1046
(HM) CYCLAZOCINE/*analogs
(NO) produces quasi-morphine abstinence syndrome; RN given refers to parent cpd; structure given in first source

UM-272 see pranolium

UM 272 see pranolium

UM-360 see iodobenzyltrimethylammonium

UM 583 see 7 alpha-(4'-amino)phenylthioandrostenedione

UM-583 see 7 alpha-(4'-amino)phenylthioandrostenedione

uncoating protein
(SY) clathrin-binding protein
(HM) *CARRIER PROTEINS
(II) CLATHRIN
(II) COATED PITS, CELL MEMBRANE
(II) ADENOSINE TRIPHOSPHATASE
(NO) utilizes energy of ATP hydrolysis to actively disrupt clathrin cages

uncoupler-binding protein
(HM) *CARRIER PROTEINS
(NO) 30,000 MW polypeptide from beef-heart mitochondria; identified as the uncoupler-binding protein; can be removed from oligomycin-sensitive ATPase complex in such a way that reconstitution of proton pump activity is possible

uncoupling protein, mitochondrial membrane see mitochondrial uncoupling protein

12-O-undecadienoylphorbol-13-acetate
(RN) 85527-86-2
(SY) NSC 353447
(SY) NSC-353447
(HM) *PHORBOL ESTERS
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(NO) from fruit & stems of Ostodes paniculata; structure given in first source

undecagold
(RN) 67954-30-7
(SY) tricyanoheptakis (4,4',4''-phosphinidyne-tri (benzenemethanamine))undecagold
(HM) *ORGANOMETALLIC COMPOUNDS
(HM) *GOLD
(NO) organometallic cluster cpd with 11 gold atoms used as electron dense site-specific label for biological molecules

undecanoic acid
(RN) 112-37-8
(HM) *FATTY ACIDS

undecaprenol
(RN) 15575-14-1
(RR) 26296-50-4 ((Z,Z,Z,Z,Z,Z,Z,E,E,E)-isomer)
(SY) ficaprenol
(HM) *TERPENES
(NO) a C55 terpene

undecaprenol kinase see isoprenoid-alcohol kinase

undecaprenyl phosphate
(RN) 25126-51-6
(HM) *POLYISOPRENYL PHOSPHATES
(NO) RN's in Chemline for diphosphate esters: 31589-58-9, 31867-59-1

undecaprenyl PP synthetase see undecaprenyl pyrophosphate synthetase

undecaprenyl pyrophosphate synthetase
(RN) EC 2.5.1.-
(SY) undecaprenyl PP synthetase
(HM) *TRANSFERASES

5-n-undecyl-6-hydroxy-4,7-dioxobenzothiazole
(SY) UHDBT
(HM) *THIAZOLES
(NO) inhibits oxidant-induced reduction of cytochrome b

undestor see testosterone undecanoate

undevit
(RN) 64667-21-6
(HM) *VITAMINS
(NO) multivitamin complex

unf gene product see gene proteins, viral

ungeremine
(RN) 2121-12-2
(RR) 2121-16-6 (chloride)
(RR) 61221-41-8 (acetate salt)
(SY) lycobetaine
(SY) lycobetaine acetate
(SY) AT 1840
(HM) *ALKALOIDS
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) RN given refers to parent cpd; structure

unguentum lymphaticum
(HM) *PLANT EXTRACTS
(NO) cream from extracts of Conium Maculatum, Colchicum antumnale, Digitalis purpurea, Podophyllum, Hyoscyamus niger & calendulae spiss for treatment of edema & lymphedema

unistat see nitromide

Unite dental cement
(HM) *ACRYLIC RESINS
(II) DENTAL CEMENTS
(II) COMPOSITE RESINS
(NO) no-mix orthodontic diacrylate cement; polymerization initiated when adhesive paste comes into contact with liquid primer; from Unitek Corp., Monrovia Cal.

unitop see copper myxin

unspecific monooxygenase see cytochrome P-450 oxygenase

unusual sex steroid-binding protein see 3,5s-androgen receptor protein

U-PA see urokinase-type plasminogen activator

U-PA receptor see plasminogen activator, urokinase receptor

UPG see uridylyl-(3'-5')-guanosine

Upjohn Compound 1002 see 1-(benzylmethlamino)-3-(alpha,alpha,alpha-trifluoro-3-tolyl)oxy-2-propanol

uptake hydrogenase
(RN) EC 1.12.-
(SY) H2-oxidizing(uptake) hydrogenase
(HM) *OXIDOREDUCTASES
(NO) isolated from heterocysts of aerobically grown Anabena filaments

UpU see uridine monophosphate-uridine

Up-U see uridine monophosphate-uridine

UPUPC see 5'-r(uridylyl-uridylyl cytidine)

5'-r(UpUpC) see 5'-r(uridylyl-uridylyl cytidine)

UpUpUp see uridylyl-(3'-5')-uridylyl-(3'-5')-3'-uridylic acid

UP 341,01
(SY) UP-341-01
(SY) 4-acetylaminophenol-diethylaminoacetate
(HM) ACETAMINOPHEN/*analogs
(PA) ANALGESICS

UP-341-01 see UP 341,01

UP-517-03 see UP 517-03

UP-51703 see UP 517-03

UP 517-03
(RN) 57144-56-6
(RR) 67283-33-4 ((S-(R*,S*))-isomer)
(RR) 67283-34-5 ((R-(R*,R*))-isomer)
(RR) 67283-32-3 ((R-(R*,S*))-isomer)
(RR) 58453-65-9 (Na salt)
(SY) 2-(2-isopropyl-5-indanyl)propionic acid
(SY) 2-(2-isopropylindan-5-yl)propionic acid
(SY) UP-517-03
(SY) UP-51703
(HM) *PROPIONIC ACIDS
(PA) ANTIPYRETICS
(PA) ANALGESICS, ANTI-INFLAMMATORY
(NO) RN given refers to parent cpd without isomeric designation

UP 5-207
(RN) 25068-38-6
(SY) UP-5-207
(HM) *EPOXY RESINS
(II) ADHESIVES
(NO) epoy glue; no other information available

UP-5-207 see UP 5-207

UP 605-3r
(RN) 696-99-1
(SY) UP-605-3r
(SY) (benzenemethanamine)trifluoroboron
(HM) *BORON COMPOUNDS
(II) AIR POLLUTANTS, OCCUPATIONAL
(NO) amine hardening agent

UP-605-3r see UP 605-3r

UP 616
(RN) 87187-74-4
(SY) UP-616
(HM) *EPOXY RESINS

UP-616 see UP 616

uracil-DNA glycosidase
(RN) EC 3.2.2.-
(SY) Ura-DNA glycosidase
(SY) uracil-DNA glycosylase
(SY) uracil N-glycosidase
(SY) Ura-DNA glycosylase
(HM) *NUCLEOSIDASES
(II) DNA REPAIR
(NO) catalyzes hydrolysis of N-glycosidic bond of damaged nucleotide residues to give free uracil & partly depyrimidinated DNA of unaltered chain length; does not cleave phosphodiester bonds; a DNA repair enzyme

uracil-DNA glycosylase see uracil-DNA glycosidase

uracil N-glycosidase see uracil-DNA glycosidase

uracil permease
(RN) 64177-90-8
(SY) N 137
(HM) *PERMEASES
(NO) mediates uptake of uracil in eucaryotic organisms; does not transport other natural pyrimidines such as cytosine, thymine or uridine

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uracil phosphoribosyltransferase
(RN) EC 2.4.2.9
(RR) 9030-24-4 (CRN)
(SY) UMP pyrophosphorylase
(HM) *PENTOSYLTRANSFERASES

uracil-progesterone see NSC 281835

Ura-DNA glycosidase see uracil-DNA glycosidase

Ura-DNA glycosylase see uracil-DNA glycosidase

Uralyt U see citric acid

uranaffin reactant see uranyl acetate

uranidil A
(RN) 93281-22-2
(SY) uranidil-A
(HM) *AMILORIDE
(HM) *CHLORTHALIDONE
(HM) DRUG COMBINATIONS
(PA) ANTIHYPERTENSIVE AGENTS
(NO) combination of above cpds used in treatment of hypertension

uranidil-A see uranidil A

uranine see fluorescein

uranium bicarbonate
(HM) *URANIUM

uranium dioxide
(RN) 1344-57-6
(RR) 12068-96-1 (233U-labeled cpd)
(RR) 18378-88-6 (235U-labeled cpd)
(HM) *URANIUM
(NO) RN given refers to unlabeled parent cpd; structure

uranium fluoride (UF6)
(RN) 7783-81-5
(RR) 23243-55-2 (235U-labeled cpd)
(HM) *URANIUM
(NO) RN given refers to unlabeled cpd with MF of U-F6

uranium tetrafluoride
(RN) 10049-14-6
(HM) *URANIUM
(NO) RN from Merck Index; RN not in Chemline 8/85

uranyl acetate
(RN) 541-09-3
(RR) 6159-44-0 (dihydrate)
(SY) uranaffin reactant
(HM) *URANIUM
(II) STAINS AND STAINING
(NO) used after fixation in uranaffin procedure; RN given refers to parent cpd

uranyl fluoride
(RN) 13536-84-0
(HM) *URANIUM

urapidil
(RN) 34661-75-1
(RR) 64887-14-5 (mono HCl)
(RR) 65513-47-5 (2,3-(14)C2-labeled cpd)
(RR) 65513-46-4 (5-(14)C-labeled cpd)
(SY) Ebrantil
(SY) 6-(3-(4-(o-methoxyphenyl)-1-piperazinyl) propylamino)-1,3-dimethyluracil
(HM) *PIPERAZINES
(PA) ANTIHYPERTENSIVE AGENTS
(NO) RN in Chemline for HCl: 64887-14-5; RN for 2,3-(14)C2-labeled cpd: 65513-47-5; RN for 5-(14)C-labeled cpd: 65513-46-4; structure

urate-binding alpha 2-globulin see uric acid-binding alpha 2 globulin

urbanyl see clobazam

urea amidolyase see urea carboxylase (hydrolyzing)

urea carboxylase see urea carboxylase (hydrolyzing)

urea carboxylase (hydrolyzing)
(RN) EC 6.3.4.6
(SY) urea amidolyase
(SY) urea carboxylase
(HM) *LIGASES

ureacin
(SY) ureacin-20
(HM) *UREA
(II) OINTMENTS
(NO) urea in vegetable oil base used in therapy of keratosis

ureacin-20 see ureacin

Urea, cpd with hydrogen peroxide (1:1) see proxigel

urea-DNA glycosylase
(RN) EC 3.2.2.-
(HM) *NUCLEOSIDASES
(II) DNA REPAIR
(NO) releases free urea from double-stranded polydeoxyribonucleotide containing thymine residues fragmented by KMnO4 and NaOH treatment

urea formaldehyde foam
(RN) 64869-57-4
(SY) urea formaldehyde mixture
(HM) *UREA
(HM) *FORMALDEHYDE
(II) CONSTRUCTION MATERIALS
(II) POLYMERS
(NO) widely used foam insulation

urea formaldehyde mixture see urea formaldehyde foam

urea peroxide see proxigel

urease (ATP-hydrolyzing)
(RN) EC 3.5.1.45
(SY) ATP urea amido-lyase
(HM) *AMIDOHYDROLASES

uredofos
(RN) 52406-01-6
(RR) 68556-88-7 (di-Na salt)
(SY) diuredosan
(SY) Sansalid
(SY) diethyl(thio(o-(3-(p-tolylsulfonyl)ureido) phenyl)carbamoyl)phosphoramidate
(HM) *ORGANOPHOSPHORUS COMPOUNDS
(PA) ANTHELMINTICS
(NO) RN given refers to parent cpd; structure

4-ureidobenzenearsonic acid see Carbarson

ureidocaproic acid see homocitrulline

ureidoglycolase see ureidoglycollate lyase

ureidoglycollate lyase
(RN) EC 4.3.2.3
(SY) ureidoglycolase
(HM) *LYASES

ureidosuccinic acid
(RN) 923-37-5
(RR) 29331-66-6 (Mn(+2)[1:1] salt)
(RR) 13184-27-5 ((L)-isomer)
(RR) 52093-34-2 (Co(+2)[1:1] salt(L)-isomer)
(RR) 16649-81-3 ((D)-isomer)
(RR) 52093-35-3 (Zn[1:1] salt(L)-isomer)
(SY) carbamylaspartic acid
(SY) carbamyl-DL-aspartate
(SY) N-carbamoylaspartic acid
(HM) ASPARTIC ACID/*analogs
(NO) RN given refers to (DL)-isomer; RN for cpd without isomeric designation not in Chemline 7/83

ureidosuccinic acid dihydrazide
(RN) 37458-18-7
(SY) DL-ureidosuccinic acid dihydrazide
(HM) ASPARTIC ACID/*analogs
(PA) ANTIMETABOLITES
(NO) RN given refers to (+-)-isomer; RN for cpd without isomeric designation not in Chemline 7/83

DL-ureidosuccinic acid dihydrazide see ureidosuccinic acid dihydrazide

uremia middle molecule toxins
(SY) middle molecule toxins, uremia
(SY) uremia MM toxins
(SY) uremic middle molecules
(HM) *TOXINS
(II) UREMIA
(NO) toxic cpds MW 350-500 which are isolated from urine of patients with uremia; was formerly indexed under UREMIA or MOLECULAR WEIGHT or under both

uremia MM toxins see uremia middle molecule toxins

uremic middle molecules see uremia middle molecule toxins

urethane-di-methacrylate see urethane dimethacrylate luting resin

urethane dimethacrylate luting resin
(SY) urethane-di-methacrylate
(HM) *POLYURETHANES
(HM) *METHACRYLATES
(II) DENTAL CEMENTS
(NO) luting resin consisting of high MW (approximately 500) urethane-di-methacrylate

urex see methenamine hippurate

6,6'-ureylenebis(1-methylquinolinium methyl) sulfate see quinuronium sulfate

urfadyn
(RN) 1088-92-2
(SY) 3-hydroxymethylnitrofurantoin
(SY) Urfadyn PL
(SY) nifurtoinol
(HM) NITROFURANTOIN/*analogs
(NO) structure

Urfadyn PL see urfadyn

uric acid-binding alpha 2 globulin
(SY) urate-binding alpha 2-globulin
(SY) UB A-2-G
(HM) *CARRIER PROTEINS
(II) ALPHA GLOBULINS
(II) URIC ACID
(NO) MW 70,000 alpha 2-serum globulin

uric acid ribonucleoside see uric acid riboside

uric acid riboside
(RN) 2124-54-1
(SY) 3-ribosyluric acid
(SY) uric acid ribonucleoside
(HM) *RIBONUCLEOSIDES
(HM) URIC ACID/*analogs

uricine
(RN) 62079-64-5
(HM) *PYRROLES
(II) PIGMENTS
(NO) a carboxydipyrrole-methylene cpd found in stones; usually in combination with uric acid; structure

uridine-2-deoxy-2-fluoro-D-glucose diphosphate ester
(SY) UDP-FGlc
(HM) *DEOXYGLUCOSE/analogs

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uridine diphosphatase
(RN) EC 3.6.1.-
(SY) UDPase
(HM) *PHOSPHATASES

uridine diphosphate-N-acetylgalactosamine 4-sulfate
(RN) 3863-56-7
(SY) UDP-Ga1NAc-S
(SY) UDP-N-acetylgalactosamine 4-sulfate
(HM) *URIDINE DIPHOSPHATE N-ACETYLGALACTOSAMINE/analogs

uridine 5'-diphosphate-N-acetylglucosamine glycoprotein N-acetylglucosaminylphosphotransferase see UDP-N-acetylglucosamine-lysosomal-enzyme-N-acetylglucosaminephosphotransferase

uridine diphosphate arabinose
(RN) 14697-41-7
(RR) 15839-78-8 ((beta-L)-isomer)
(SY) UDP arabinose
(HM) *URIDINE DIPHOSPHATE SUGARS
(NO) RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 4/84

uridine diphosphate mannose
(RN) 16375-64-7
(SY) UDP mannose
(HM) *URIDINE DIPHOSPHATE SUGARS
(NO) RN given refers to (D)-isomer; RN for cpd without isomeric designation not in Chemline 8/84

uridine diphosphopyridoxal
(SY) UDP-pyridoxal
(HM) PYRIDOXAL PHOSPHATE/*analogs
(II) AFFINITY LABELS
(NO) structure given in first source

uridine 1'-hydroxylase see deoxyuridine 1'-hydroxylase

uridine monophosphate kinase
(RN) EC 2.7.4.-
(SY) UMP kinase
(SY) uridine-5-monophosphate kinase
(HM) *NUCLEOSIDE MONOPHOSPHATE KINASES
(NO) catalyzes the phosphorylation of UMP to UDP; an aspect of EC 2.7.4.4

uridine-5-monophosphate kinase see uridine monophosphate kinase

uridine 5'-monophosphate synthase
(SY) UMP synthase
(SY) uridine 5'-phosphate synthase
(SY) uridylate synthase
(HM) *OROTATE PHOSPHORIBOSYLTRANSFERASE
(HM) *OROTIDYLATE DECARBOXYLASE
(HM) *MULTIENZYME COMPLEXES
(NO) consists of orotate phosphoribosyltransferase EC 2.4.2.10 & orotidylate decarboxylase EC 4.1.1.23

uridine monophosphate-uridine
(RN) 2415-43-2
(SY) Up-U
(SY) UpU
(SY) uridylyl(3'-5-)uridine
(HM) *URIDINE MONOPHOSPHATE/analogs
(HM) URIDINE/*analogs
(NO) dinucleoside monophosphate

uridine nucleosidase
(RN) 9025-47-2
(SY) uridine ribohydrolase
(HM) *NUCLEOSIDASES

uridine-5-oxyacetic acid 5'-monophosphate
(SY) 5-oxyacetic acid 5'-UMP
(HM) *URIDINE MONOPHOSPHATE/analogs
(NO) unusual transfer RNA anticodon loop nucleotide

uridine 5'-phosphate synthase see uridine 5'-monophosphate synthase

uridine ribohydrolase see uridine nucleosidase

uridine-specific acid nuclease
(RN) EC 3.1.-
(HM) *ENDORIBONUCLEASES
(NO) chicken liver enzyme hydrolyzes poly(U) and E. coli RNA

uridine vanadate
(HM) URIDINE/*analogs
(NO) transition-state analog for neutron diffraction study of complex with RNase active site; postulated structure given in first source

uridylate synthase see uridine 5'-monophosphate synthase

5'-uridylic acid 5'-cytidylic acid copolymer see poly(U,C)

uridylyl-(3'-5')-guanosine
(RN) 3474-04-2
(SY) UPG
(HM) URIDINE MONOPHOSPHATE/*analogs
(HM) GUANOSINE/*ANALOGS

uridylyl(3'-5-)uridine see uridine monophosphate-uridine

uridylyl-uridylyl-cytidine see 5'-r(uridylyl-uridylyl cytidine)

5'-r(uridylyl-uridylyl cytidine)
(RN) 2791-46-0
(SY) UPUPC
(SY) uridylyl-uridylyl-cytidine
(SY) 5'-r(UpUpC)
(HM) *OLIGORIBONUCLEOTIDES
(HM) CYTIDINE/*analogs
(II) CODON
(NO) codon for phenylalanine

uridylyl-(3'-5')-uridylyl-(3'-5')-3'-uridylic acid
(RN) 3504-15-2
(SY) UpUpUp
(HM) *OLIGORIBONUCLEOTIDES

urinary pepsinogen see uropepsinogen

urinary pepsinogen I see uropepsinogen

urinary thermostable aldosterone-binding globulin see aldosterone-binding globulin

urinary thermostable glycoprotein see aldosterone-binding globulin

urinary trypsin inhibitor
(RN) 9035-81-8
(SY) UTI(68)
(SY) UTI68
(SY) urinary trypsin inhibitor-like inhibitor (43)
(SY) urinary trypsin inhibitor (68)
(HM) *GLYCOPROTEINS
(PA) TRYPSIN INHIBITORS
(NO) from urine of healthy men; MW about 68,000

urinary trypsin inhibitor-like inhibitor (43) see urinary trypsin inhibitor

urinary trypsin inhibitor (68) see urinary trypsin inhibitor

URI 73A
(RN) 78859-47-9
(SY) URI-73A
(SY) 5,8,11,14-eicosatetraenyl (3-aminopropyl) phosphonate
(HM) *ARACHIDONIC ACIDS
(PA) ANTIHYPERTENSIVE AGENTS
(NO) RN given refers to (all-Z)-isomer; RN for cpd without isomeric designation not in Chemline 11/3/83

URI-73A see URI 73A

U1-RNA-associated proteins see small ribonucleoproteins

U4 RNA precursor see small nuclear RNA precursor

Syn-URO see epidermal growth factor (32-48), Cys-SO3H(33),(42)-

urochloralic acid
(RN) 97-25-6
(SY) UCA
(HM) *GLUCURONATES
(NO) glucuronic acid conjugate of trichloroethanol; excreted by humans & animals when they have inhaled trichloroethylene vapor; structure given in first source

urocit see citric acid

Urocomb see propipocaine

urodiolenone
(HM) *SESQUITERPENES
(NO) isolated from urine of hypertensive patients; sesquiterpene which is a bicyclic enone with a vicinal diol side chain; MF: C15H24O3

urogastrone(32-48), 33,42-cysteinesulfonate see epidermal growth factor (32-48), Cys-SO3H(33),(42)-

urogastrone receptor see epidermal growth factor receptor

urogastrone receptors see epidermal growth factor receptor

urokinase inhibitor
(HM) *BLOOD PROTEINS
(PA) UROKINASE/antag
(NO) from leucocytes; can be inactivated by cathepsin D

urokinase plasminogen activator receptors see plasminogen activator, urokinase receptor

urokinase-type plasminogen activator
(SY) U-PA
(SY) pro-urokinase
(SY) pro-UK
(SY) kidney plasminogen activator
(HM) *PLASMINOGEN ACTIVATORS
(HM) *UROKINASE
(PA) FIBRINOLYTIC AGENTS
(II) ENZYME PRECURSORS
(NO) in contrast to tissue-type plasminogen activator the above cpd does not bind to fibrin & laminin; has different antigenic & molecular properties from tissue-type plasminogen activator

Urol
(HM) *PLANT EXTRACTS
(HM) *ESCIN
(HM) DRUG COMBINATIONS
(NO) used for expulsion of urinary calculi; contains extracts of Rad. Rubiae, Sem. Ammeos visnagae, Herb Virgaureae, Rad. Taraxaci & escin

uromodulin
(HM) *PREGNANCY PROTEINS
(II) GLYCOPROTEINS
(NO) 85-kilodalton immunosuppressive glycoprotein isolated from urine of pregnant women

uromucoid
(SY) Tamm-Horsfall protein
(SY) Tamm-Horsfall glycoprotein
(SY) Tamm-Horsfall-GP
(SY) glycoprotein, Tamm-Horsfall
(HM) *MUCOPROTEINS
(NO) urinary mucoprotein; insoluble; present in ascending loop of Henle & distal convoluted tubule; indicates urine contamination

uronic acid isomerase see glucuronate isomerase

uronic isomerase see glucuronate isomerase

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uronolactonase
(RN) EC 3.1.1.19
(RR) 9025-93-8 (CRN)
(SY) glucuronolactonase
(HM) *ESTERASES

uronosyl C-5 epimerase
(RN) EC 5.1.3.17
(SY) heparosan N-sulfate D-glucuronosyl 5-epimerase
(HM) *CARBOHYDRATE ISOMERASES
(NO) converts D-glucuronic acid to L-iduronic at the polymer level during synthesis of heparin

uropepsinogen
(RN) 9068-43-3
(SY) pepsinogen, urinary
(SY) urinary pepsinogen
(SY) urinary pepsinogen I
(HM) *PEPSINOGEN
(NO) no other information available 9/14/79

uropolinum see urovision

Uropolinum Polfa see urovision

uroporphyrin I
(RN) 607-14-7
(RR) 68929-06-6 (di-HCl)
(SY) 2,7,12,17-porphinetetrapropionic acid
(HM) *UROPORPHYRINS
(NO) RN given refers to parent cpd

uroporphyrin III
(RN) 18273-06-8
(HM) *UROPORPHYRINS

urosulfan see sulfanilylurea

urotensin I
(RN) 9047-54-5
(RR) 12651-34-2 (urotensin with unknown MF)
(HM) *UROTENSINS
(NO) stimulates active chloride transport by the skin of marine teleost in contrast to urotensin II which inhibits it; RN given refers to urotensin I with unknown MF; see also record for urotensin II

urotensin II
(RN) 9047-55-6
(HM) *UROTENSINS
(NO) inhibits active chloride transport by the skin of marine teleost in contrast to urotensin I which stimulates it

Urothrast see dimethiodal

Urotrast see dimethiodal

Urovalidin
(RN) 78891-95-9
(HM) *OXAZOLES
(HM) *PHENAZOPYRIDINE
(HM) DRUG COMBINATIONS
(PA) ANESTHETICS, LOCAL
(PA) ANTI-INFECTIVE AGENTS, URINARY
(NO) combination drug for urinary tract infections; contains 300 mg terizidone & 50 mg phenazopyridine

urovision
(RN) 8064-12-8
(SY) hypaque(M)90
(SY) renografin 76
(SY) uropolinum
(SY) Uropolinum Polfa
(SY) sodium methylglucamine diatrizoate
(SY) renografin 60
(SY) Renovist II
(SY) angiovist 370
(SY) AV-370
(SY) Visotrast
(HM) *DIATRIZOATE
(HM) *DIATRIZOATE MEGLUMINE
(HM) DRUG COMBINATIONS
(II) CONTRAST MEDIA
(NO) urovision contains a mixture of sodium & meglumine salts of diatrizoic acid in the ratio of 50:18 in aqueous solution used in urography

ursocholanic acid see cholanic acid

ursocholic acid
(RN) 2955-27-3
(SY) 3 alpha,7 beta,12 alpha-trihydroxy-5 beta-cholan-24-oic acid
(HM) *CHOLIC ACIDS
(NO) see also records for allocholic and cholic acids

ursodeoxyoxazoline see chenooxazoline

ursol-D see 4-phenylenediamine

ursolic acid
(RN) 77-52-1
(RR) 38270-46-1 (mono-K salt(3beta)-isomer)
(RR) 13040-34-1 (2-(14)C-labeled cpd (3beta)-isomer)
(HM) *TRITERPENES
(PA) ANTI-INFECTIVE AGENTS
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(NO) RN given refers to (3beta)-isomer; RN for cpd without isomeric designation not in Chemline 7/83

urushiol
(RN) 53237-59-5
(HM) *CATECHOLS
(II) PLANTS, TOXIC

UR 105 see flupamesone

UR 2310 see delmetacin

UR-2310 see delmetacin

UR 389 see brovanexine

UR-661 see glypentide

USB 3584 see dinitramine

ustilago rec1 protein see rec1 protein (ustilago)

USVC 6524
(RN) 4051-88-1
(RR) 36892-52-1 (HCl(+-)-isomer)
(RR) 4051-89-2 (HCl)
(HM) PINDOLOL/*analogs
(PA) ANTI-ARRHYTHMIA AGENTS
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS
(NO) carbocyclic analog of PINDOLOL; minor descriptor (75-83); on-line & Index Medicus search PINDOLOL/AA (75-83); RN given refers to parent cpd

uterine-derived cell growth factor
(SY) mammary-uterine-pituitary tumor cell growth factor
(SY) UDGF
(HM) *PREGNANCY PROTEINS
(II) NEOPLASM PROTEINS
(II) GROWTH SUBSTANCES
(NO) from pregnant sheep uteri; MW 4200-6200; mitogenic factor in rat mammary tumor cells; promotes growth of uterine-derived tumor cells & pituitary cells

uterine induced protein see estrogen-induced protein

uterine IP see estrogen-induced protein

uterine luminal fluid proteins
(SY) ULF proteins
(SY) uterine milk protein
(HM) *PROTEINS
(NO) proteins from human uterine washings of patients in secretory phase of menstrual cycle; glycoproteins from uterine fluid of sheep & other mammals

uterine milk protein see uterine luminal fluid proteins

uteroferrin
(HM) *METALLOPROTEINS
(NO) iron-containing purple glycoprotein from porcine uterus

uterotrophic placental hormone see placental uterotrophic factor

UTH WP 50-7 see trichlophenidine

UTH-WP-50-7 see trichlophenidine

UTH-1424 see trichlophenidine

UTH 1424 see trichlophenidine

UTI68 see urinary trypsin inhibitor

UTI(68) see urinary trypsin inhibitor

UTP-ammonia ligase(ADP) see CTP synthetase

UTPF see placental uterotrophic factor

UTPH see placental uterotrophic factor

UTP-RNA uridylyltransferase
(RN) EC 2.7.7.-
(SY) terminal uridylyltransferase
(SY) UMP transferase
(HM) *RNA NUCLEOTIDYLTRANSFERASES
(NO) catalyzes addition of single UMP residue from UTP to 3'-end of RNA primer

UV endonuclease
(SY) T4-induced UV endonuclease
(HM) *MULTIENZYME COMPLEXES
(NO) UV endonuclease induced by phage T4 contains endodeoxyribonuclease pyrimidine dimer, DNA glycosidase & apyrimidinic-apurinic endonuclease

UV incision nuclease
(RN) EC 3.1.-
(SY) incision endonuclease
(HM) *ENDODEOXYRIBONUCLEASES
(NO) DNA repair enzymes which nick at thymine dimers or thymine glycols in damaged DNA, later enzymes excise the damaged part

uvitex AN see tinopal AN

uvomorulin
(HM) *GLYCOPROTEINS
(II) MEMBRANE PROTEINS
(II) NEOPLASM PROTEINS
(II) CALCIUM-BINDING PROTEINS
(NO) cell surface glycoprotein purified from embryonal carcinoma cells which participates in the transition between grape-like (Latin uva) & mulberry-like (Latin morum) structures of cleavage-stage embryos; MW appr. 120,000; involved in process of compaction of mouse morula

uvrABC endonuclease see endodeoxyribonuclease uvrABC

uvrABC excision nuclease see endodeoxyribonuclease uvrABC

uvrA gene product see gene proteins, bacterial

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uvrc protein see gene proteins, bacterial

uxepam see RGH 3331

U 0142 see monazomycin

U-0142 see monazomycin

U 0521 see U-0521

U0521 see U-0521

U-0521
(RN) 5466-89-7
(SY) 3',4'-dihydroxy-2-methylpropiophenone
(SY) U0521
(SY) U 0521
(HM) *PROPIOPHENONES
(NO) catechol methyltransferase antagonist; structure

U-0882 see U 0882

U 0882
(RN) 13835-20-6
(RR) 310-35-0 (HCl)
(SY) 3-dimethylamino-2-methyl-2-phenoxypropiophenone
(SY) U-0882
(HM) *PROPIOPHENONES
(II) ARRHYTHMIA/chem ind

U 1002 see 1-(benzylmethlamino)-3-(alpha,alpha,alpha-trifluoro-3-tolyl)oxy-2-propanol

U-1002 see 1-(benzylmethlamino)-3-(alpha,alpha,alpha-trifluoro-3-tolyl)oxy-2-propanol

U 10029A
(RN) 89139-29-7
(SY) U-10029-A
(HM) *PROPANOLAMINES
(PA) PHOSPHOLIPASES/antag
(NO) RN given refers to HCl; RN for parent cpd not in Chemline 4/85

U-10029-A see U 10029A

U 10,520 see U 10520A

U-10520A see U 10520A

U 10520A
(RN) 1908-03-8
(RR) 1178-99-0 (HCl)
(SY) U 10,520
(SY) 2-(p-(3,4-dihydro-6-methoxy-2-phenyl-1-naphthyl) phenoxy)triethylamine.HCl
(SY) U-10520A
(HM) *NAPHTHALENES
(NO) from reproduction thesaurus; RN given refers to parent cpd

U-10997 see mibolerone

U-10,997 see mibolerone

U-18,666A see U 18,666A

U 18666A see U 18,666A

U 18,666A
(RN) 3039-71-2
(SY) U-18666A
(SY) U 18666A
(SY) U-18,666A
(HM) *ANDROSTENES
(PA) ANTICHOLESTEREMIC AGENTS

U-18666A see U 18,666A

U-20661 see steffimycin

U 23469 see U-23,469

U 23,469 see U-23,469

U-23,469
(RN) 36840-93-4
(SY) U-23469
(SY) U 23469
(SY) U 23,469
(HM) *TETRAHYDRONAPHTHALENES
(PA) ESTROGEN ANTAGONISTS
(NO) structure

U-23469 see U-23,469

U 24729A
(RN) 31101-25-4
(RR) 33054-86-3 (mono-HCl(2S-trans)-isomer)
(RR) 19096-41-4 ((2S-trans)-isomer)
(RR) 22916-56-9 (former CAS registry number)
(RR) 8063-91-0 (mono-HCl)
(RR) 33054-87-4 (mono-HCl(2S-cis)-isomer)
(RR) 40282-53-9 (mono-HCl(2R-cis)-isomer)
(RR) 40282-54-0 (mono-HCl(2R-trans)-isomer)
(SY) N-demethyl-4'-pentyclindamycin
(SY) mirincamycin
(HM) CLINDAMYCIN/*analogs
(NO) RN given refers to parent cpd without isomeric designation; structure

U-25-166 see U 25 166

U 25166 see U 25 166

U-25166 see U 25 166

U 25 166
(RN) 6307-35-3
(SY) 2-amino-5-bromo-6-methyl-4-pyrimidinol
(SY) U-25-166
(SY) U-25166
(SY) U 25166
(HM) *PYRIMIDINES
(PA) INTERFERON INDUCERS

U-27 see pifarnine

U 28,774 see ketazolam

U 31,889 see alprazolam

U 36059 see amitraz

U 40481 see U-40481

U-40481
(RN) 33089-74-6
(RR) 51550-40-4 (mono-HCl)
(SY) N-methyl-N'-2,4-xylylformamidine
(SY) BTS-27271
(SY) BTS 27271
(SY) N'-(2,4-dimethylphenyl)-N-methylformamidine
(SY) U 40481
(SY) U 40481A
(SY) N'-(2,4-xylyl)-N-methylformamidine
(HM) *AMIDINES
(PA) INSECTICIDES
(NO) RN given refers to parent cpd

U 40481A see U-40481

U-41792
(RN) 56714-70-6
(SY) U 41792
(HM) ADAMANTANE/*analogs
(PA) ANTILIPEMIC AGENTS
(NO) hypobetalipoproteinemic agent

U 41792 see U-41792

U-42,126 see acivicin

U 42,126 see acivicin

U 42170 see U-42170

U-42170
(RN) 363-22-4
(SY) 13,14-dihydroprostaglandin E2
(SY) 13,14-dihydro-PGE2
(SY) U 42170
(HM) *PROSTAGLANDINS E, SYNTHETIC

U 42585 E see Iodoxamide tromethamine

U-42,585E see Iodoxamide tromethamine

U-42,718 see Iodoxamide ethyl

U-43,120 see volonomycin

U 43465F see U 43,465F

U 43,465F
(RN) 83983-74-8
(SY) U-43,465F
(SY) U 43465F
(SY) 8-chloro-1-(2-(dimethylamino)ethyl)6-phenyl-4H-s-triazolo(4,3-a(1,4)benzodiazepine p-toluene sulfonate
(HM) *BENZODIAZEPINES
(PA) ANTIDEPRESSIVE AGENTS

U-43,465F see U 43,465F

U 43,795 see U-43,795

U 43795 see U-43,795

U-43795 see U-43,795

U-43,795
(RN) 54549-02-9
(SY) NSC-176324
(SY) U 43,795
(SY) 4-hydroxyacivicin
(SY) hydroxy acivicin
(SY) U-43795
(SY) U 43795
(HM) ISOXAZOLES
(HM) GLYCINE/analogs
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) new antitumor agent effective against leukemia L1210; structure

U 44069
(RN) 56985-32-1
(SY) U-44069
(HM) *PROSTAGLANDIN ENDOPEROXIDES, SYNTHETIC
(NO) has contractile effect on rat pulmonary veins & arteries

U-44069 see U 44069

U-46619 see 15-hydroxy-11 alpha,9 alpha-(epoxymethano)prosta-5,13- dienoic acid

U 46619 see 15-hydroxy-11 alpha,9 alpha-(epoxymethano)prosta-5,13- dienoic acid

U-48266 see feldamycin

U 50488 see U 50488H

U-50488E see U 50488H

U-50,488H see U 50488H

U 50,488H see U 50488H

U-50488H see U 50488H

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U 50488H
(RN) 67198-13-4
(RR) 74512-83-7 (HCl(trans)-(+-)-isomer)
(RR) 67197-96-0 (HCl(trans)-isomer)
(RR) 83913-06-8 (mesylate(trans)-(+-)-isomer)
(SY) U-50488E
(SY) U-50488H
(SY) 3,4-dichloro-N-methyl-N-(2-(1-pyrrolidinyl) cyclohexyl)benzeneacetamide, monohydrochloride, trans-(+-)
(SY) U 50488
(SY) U 50,488H
(SY) U-50,488H
(HM) *PYRROLIDINES
(PA) ANALGESICS
(NO) kappa receptor agonist; RN given refers to (trans)-isomer; synonym U-50488E refers to HCl, (trans)-isomer; RN for cpd without isomeric designation not in Chemline 7/29/83; structure

U-51605 see azo analog I

U 51605 see azo analog I

U-53,059 see
4,5-bis(4-methoxyphenyl)-2-(trifluoromethyl)thiazole

U 53059 see
4,5-bis(4-methoxyphenyl)-2-(trifluoromethyl)thiazole

U 54,669F
(RN) 81435-67-8
(SY) U-54,669F
(SY) losulazine HCl
(HM) *PIPERAZINES
(PA) ANTIHYPERTENSIVE AGENTS
(NO) structure given in first source

U-54,669F see U 54,669F

U-54,702D see clazamycin B

U 56407
(RN) 87695-80-5
(SY) U-56,407
(HM) POLYENES
(PA) ANTIBIOTICS
(NO) from Streptomyces hagronensis strain 360; structure given in first source

U-56,407 see U 56407

U-56467 see U 56467

U 56467
(RN) 79672-87-0
(SY) U 56,467
(SY) 6,9-deepoxy-6,9-(phenylimino)-delta(6,8) prostaglandin I1 methyl ester
(SY) 6,9-deepoxy-6,9-(phenylimino)-delta(6,8)PGI1 methyl ester
(SY) U-56467
(HM) *PROSTAGLANDINS X
(PA) SRS-A/antag
(NO) methyl ester of U 60257

U 56,467 see U 56467

U 57930E see pirlimycin

U-57930E see pirlimycin

U-60,257 see U 60257

U-60257 see U 60257

U 60257
(RN) 79672-88-1
(SY) U 60,257
(SY) 6,9-deepoxy-6,9-(phenylimino)-delta(6,8) prostaglandin I1
(SY) 6,9-deepoxy-6,9-(phenylimino)-delta(6,8)pgI1
(SY) U-60,257
(SY) U-60257
(SY) piriprost
(HM) *PROSTAGLANDINS X
(PA) SRS-A/antag
(NO) structure given in first source

U 60,257 see U 60257

U 63196 E see AC 1370

U-63196-E see AC 1370

U63196-E see AC 1370

U 63366
(RN) 94035-57-1
(SY) U-63366
(HM) ACTINOSPECTACIN/*analogs
(PA) ANTI-INFECTIVE AGENTS
(NO) active against Neisseria gonorrhoeae

U-63366 see U 63366

U-63,440 see pirlimycin adenylate

U 63440 see pirlimycin adenylate

U 63557A
(RN) 85666-17-7
(SY) U-63557A
(SY) 5-(3'-pyridinylmethyl)benzofuran-2-carboylate sodium
(SY) furegrelate
(HM) *BENZOFURANS
(PA) THROMBOXANE SYNTHETASE/antag
(NO) structure given in UD 35:175:d

U-63557A see U 63557A

U 64846
(SY) U-64846
(HM) *ANTIBIOTICS
(NO) from Streptomyces braegensis; MF C18-H35-Cl-N4-O9; acid hydrolysis gave 3,7-diaminoheptanoic acid

U-64846 see U 64846

U 69593
(SY) U-69593
(SY) N-methyl-N-(7-(1-pyrrolidinyl)-1-oxaspiro(4,5) dec-8-yl)benzeneacetamide
(HM) *PYRROLIDINES
(PA) ANALGESICS
(NO) selective ligand for opioid K-receptor

U-69593 see U 69593

U-7118 see fervenulin

U-7984 see angustmycin A

U 7984 see angustmycin A

VABCD
(HM) VINBLASTINE
(HM) DOXORUBICIN
(HM) BLEOMYCINS
(HM) DACARBAZINE
(HM) LOMUSTINE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

VAB II
(SY) VAB 2
(HM) VINBLASTINE
(HM) DACTINOMYCIN
(HM) BLEOMYCINS
(HM) CISPLATIN
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above 4 cpds

VAB-III
(SY) VAB-3
(HM) VINBLASTINE
(HM) CYCLOPHOSPHAMIDE
(HM) DACTINOMYCIN
(HM) BLEOMYCINS
(HM) CHLORAMBUCIL
(HM) CISPLATIN
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above 6 cpds

VAB-IV
(SY) VAB-4
(SY) VAB-VI
(SY) VAB-6
(SY) VAB-5
(HM) VINBLASTINE
(HM) DACTINOMYCIN
(HM) BLEOMYCINS
(HM) CISPLATIN
(HM) CYCLOPHOSPHAMIDE
(HM) CHLORAMBUCIL
(HM) DOXORUBICIN
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds; VAB-VI has a more condensed schedule then VAB-IV; VAB-5 is an intensified version of VAB-4

V-abl protein see gene proteins, viral

VAB-VI see VAB-IV

VAB 2 see VAB II

VAB-3 see VAB-III

VAB-4 see VAB-IV

VAB-5 see VAB-IV

VAB-6 see VAB-IV

M-VAC
(HM) METHOTREXATE
(HM) VINBLASTINE
(HM) DOXORUBICIN
(HM) CISPLATIN
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotheraphy protocol consisting of above 4 cpds

VAC
(HM) VINCRISTINE
(HM) DACTINOMYCIN
(HM) CYCLOPHOSPHAMIDE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds; used in gynecologic neoplasms

cis-vaccenic acid
(RN) 506-17-2
(HM) *OLEIC ACIDS
(II) ISOMERISM
(NO) isomer of oleic acid

vaccenic acid methyl ester see methyl vaccenate

cis-vaccenoyl alcohol see 11-octadecenoyl alcohol

vaccenoyl alcohol see 11-octadecenoyl alcohol

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vaccineurin
(HM) *BACTERIAL VACCINES
(II) BACILLUS
(II) STREPTOCOCCUS
(NO) bacterial autolysate from Bacillus prodigiosus & Streptococci

vacidin A
(RN) 66120-71-6
(HM) *CANDICIDIN/analogs
(NO) structure given in first source

VAC-MAP
(HM) VINCRISTINE
(HM) DOXORUBICIN
(HM) CYCLOPHOSPHAMIDE
(HM) MEDROXYPROGESTERONE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

vacor
(RN) 53558-25-1
(RR) 58441-97-7 (mono-HBr)
(RR) 58441-98-8 (mono-HCl)
(RR) 58441-99-9 (mono-tosylate)
(RR) 58442-00-5 (oxalate[1:1])
(RR) 58442-01-6 (malonate[1:1])
(RR) 58559-94-7 (tartrate[1:1])
(SY) RH 787
(SY) pyriminil
(SY) 1-(3-pyridylmethyl)-3-(4-nitrophenyl)urea
(SY) pyriminyl
(SY) PNU
(SY) N-(3-pyridylmethyl)-N'-(p-nitrophenyl)urea
(HM) *PHENYLUREA COMPOUNDS
(PA) RODENTICIDES
(NO) RN given refers to parent cpd; structure

VAC-M protocol
(HM) CITROVORUM FACTOR
(HM) VINCRISTINE
(HM) METHOTREXATE
(HM) CYCLOPHOSPHAMIDE
(HM) DOXORUBICIN
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds; used in treatment of bronchogenic carcinoma

VAD
(HM) ETOPOSIDE
(HM) DOXORUBICIN
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

VAD I
(HM) VINCRISTINE
(HM) DOXORUBICIN
(HM) DEXAMETHASONE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

VAD II see CHOP

vadilex see ifenprodil

VAD protocol
(HM) VINCRISTINE
(HM) DOXORUBICIN
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds; used in treatment of rhabdomyosarcoma in children

vagoserine
(RN) 78891-93-7
(HM) PHYSOSTIGMINE/*analogs
(HM) *GLUTAMATES
(HM) *PAPAIN
(HM) DRUG COMBINATIONS
(NO) combination of papain, glutamic acid & eserine amine oxide salicylate; used for drug therapy of dyspepsia

vagothyl see Negatan

VAIP
(HM) VINBLASTINE
(HM) DOXORUBICIN
(HM) IFOSFAMIDE
(HM) PREDNISONE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above 4 cpds

Val-Ala-Val-Gly-Glu-GLy-Pro-Gly-Pro-Arg see pro-opiomelanocortin joining peptide

valamid see ethinamate

valamin see ethinamate

Val aminopeptidase see valine aminopeptidase

Valbazen see albendazole

2-Val-dihydrocyclosporin see dihydrocyclosporin, Val(2)-

valekson see phoxim

valepotriates (combination) see valtrates (combination)

valeraldehyde see pentanal

valerenic acid
(RN) 3569-10-6
(HM) *INDENES
(NO) from Valeriana officinalis

valerenolic acid
(RN) 81397-68-4
(HM) *INDENES
(PA) AMINOBUTYRATE AMINOTRANSFERASE/antag
(NO) structure given in first source

valeric acid see n-pentanoic acid

valeric acid aldehyde see pentanal

valeryl-CoA see valeryl-coenzyme A

valeryl-coenzyme A
(RN) 4752-33-4
(SY) valeryl-CoA
(SY) coenzyme A, valeryl
(HM) *ACYL COENZYME A

valexon see phoxim

Val-Glu-Pro-Ile-Pro-Tyr see valyl-glutamyl-prolyl-isoleucyl-prolyl-tyrosine

Val-Glu-Ser-Ser-Lys see bradykinin potentiating factors

Val-Gly-Ala-Pro-Gly see valyl-glycyl-valyl-alanyl-prolyl-glycine

valiant
(HM) *DENTAL ALLOYS
(NO) high copper alloy containing palladium

validamine
(RN) 32780-32-8
(SY) 1-amino-1,5,6-trideoxy-5-(hydroxymethyl)-D-chiro-inositol
(HM) INOSITOL/*analogs
(NO) RN given from CA Index Guide; RN not in Chemline 11/84; structure given in first source

validamycins
(RN) 50642-14-3
(RR) 12650-70-3 (validamycin C)
(RR) 12650-67-8 (validamycin D)
(RR) 12650-71-4 (validamycin E)
(RR) 12650-72-5 (validamycin F)
(HM) INOSITOL/analogs
(PA) ANTIBIOTICS, ANTIFUNGAL
(PA) ANTIBIOTICS
(NO) RN given refers to cpd with unknown MF; structure given in Merck Index, 9th ed, #9570 has been revised in fifth source; structure in fifth source; see also record for validamycin A

valine aminopeptidase
(RN) EC 3.4.11.-
(SY) Val aminopeptidase
(HM) *AMINOPEPTIDASES

1-valine-2-(2,3-didehydroalanine)thiostrepton see siomycin A

valine(5)-secretin see secretin, Val(5)-

valine-tRNA see tRNA, valine-

valinol
(RN) 473-75-6
(RR) 16369-05-4 ((+-)-isomer)
(SY) 2-amino-3-methyl-1-butanol
(HM) VALINE/*analogs
(NO) RN given refers to cpd without isomeric designation

valiolamine
(RN) 83465-22-9
(HM) INOSITOL/analogs
(PA) ANTIBIOTICS
(NO) isolated from Streptomyces hygroscopicus; RN from CA Index; RN not in Chemline 2/85

vallestril see methallenestril

Val-Leu see valylleucine

Val-Leu-Arg-4-MNA see valyl-leucyl-arginine-4-methoxy-2-naphthylamide

Val-Leu-Arg-p-nitroanilide see S 2266

Val-Leu-Lys 4-nitroanilide see S-2251

Val-Leu-Pro-Phe-Phe-Val-Leu see valyl-leucyl-prolyl-phenylalanyl-phenylalanyl-valyl-leucine

Val-Leu-Thr-Thr-Gly-Leu-Pro-Ala-Leu-Ile-Ser-Trp-Ile-Lys-Arg-Lys-Arg-Gln-Gln see melittin(8-26)

valmane see valtrates (combination)

valmethamide see valnoctamide

valmidate see ethinamate

valnoctamide
(RN) 4171-13-5
(SY) valmethamide
(SY) 2-ethyl-3-methylpentamide
(HM) *AMIDES
(PA) TRANQUILIZING AGENTS, MINOR

valofan see valofane

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valofane
(RN) 3258-51-3
(RR) 72962-39-1 ((cis)-isomer)
(RR) 72962-38-0 ((trans)-isomer)
(SY) alpha-allyl-alpha-allophanyl-gamma-valerolactone
(SY) alpha-allophanyl-alpha-allyl-gamma-valerolactone
(SY) valofan
(SY) allophanyl-1-allyl-1-valero-3-lactone
(SY) HH 10018
(SY) allophanyl allyl valerolactone
(SY) 2-allophenyl-2-allyl-gamma-valerolactone
(HM) UREA/*analogs
(NO) neurotropic drug; RN given refers to cpd with unspecified isomeric designation

Valoron N
(HM) *TILIDINE
(HM) *NALOXONE
(HM) DRUG COMBINATIONS
(PA) ANALGESICS
(NO) contains above cpds

valorphin
(SY) 4-(2-(2-chlorophenyl)ethyl)amino-8-methoxy-3,10-dimethyl-2,9-dioxatricyclo(4,3,1,0(3,7))decane
(HM) ADAMANTANE/*analogs
(PA) ANALGESICS, ADDICTIVE
(NO) structure given in first source

valperinol
(RN) 64860-67-9
(SY) GA 30-905
(SY) GA-30905
(SY) 3-piperidinomethyl-4-hydroxy-8-methoxy-10-methyl-2,9-dioxatricyclo(4,3,1,0(3,7))decane
(HM) *PIPERIDINES
(PA) CALCIUM CHANNEL BLOCKERS
(NO) RN given from USAN 1985, p.526 refers to (2R*,4R*,4aS*,5R*,7S*,7aR,8R*)-isomer; RN not in Chemline 3/85; structure given in first source

Val-plasminogen see plasminogen-valine

Val(354)-plasminogen see plasminogen-valine

Val(442)-plasminogen see plasminogen-valine

Val(442)-plasmin see miniplasmin

Val-Pro see prolylvaline

valproic acid amide see dipropylacetamide

valproic acid glucuronide
(RN) 60113-83-9
(SY) VPAG
(HM) VALPROATE/*analogs
(NO) major metabolite of valproic acid

Val-Pro-Leu see diprotin B

valpromide see dipropylacetamide

valpronic acid
(HM) VALPROATE/*analogs

valproylcarnitine
(HM) CARNITINE/*analogs

valproyl-CoA see valproyl-coenzyme A

valproyl-coenzyme A
(SY) valproyl-CoA
(SY) coenzyme A, valproyl-
(HM) *ACYL COENZYME A

Val(5)-secretin see secretin, Val(5)-

valtrates (combination)
(SY) valmane
(SY) valepotriates (combination)
(HM) *PYRANS
(II) PLANT EXTRACTS
(II) VALERIAN
(NO) from Valerianaceae species; combination of valtratum, acevaltratum & didrovaltratum; structure (valtratum)

Val-tRNA see tRNA, valine-

Val-Val see valylvaline

Val-Val-Val-dansyl hydrazide see dansylhydrazide trivaline

5-valyl angiotensin II see angiotensin II, 1-Asp-5-Val-

5-valyl angiotensin I see angiotensin I, 5-Val-

2-valyl-dihydrocyclosporin see dihydrocyclosporin, Val(2)-

valyl-glutamyl-prolyl-isoleucyl-prolyl-tyrosine
(SY) Val-Glu-Pro-Ile-Pro-Tyr
(SY) VGPIPT
(HM) *OLIGOPEPTIDES
(II) ADJUVANTS, IMMUNOLOGIC
(NO) immunostimulating hexapeptide from human casein

valyl-glycyl-valyl-alanyl-prolyl-glycine
(SY) Val-Gly-Ala-Pro-Gly
(SY) VGVAPG
(HM) *OLIGOPEPTIDES
(II) ELASTIN
(NO) repeating peptide chemotactic for fibroblasts & monocytes

valylleucine
(RN) 3989-97-7
(SY) Val-Leu
(HM) *DIPEPTIDES
(NO) RN given refers to all L-isomer; RN for cpd without isomeric designation not in Chemline 7/84

valyl-leucyl-arginine-4-methoxy-2-naphthylamide
(RN) 81523-92-4
(SY) Val-Leu-Arg-4-MNA
(HM) *OLIGOPEPTIDES
(NO) synthetic substrate for esteroproteases

D-valyl-leucyl-arginine-p-nitroanilide see S 2266

valyl-leucyl-lysine 4-nitroanilide see S-2251

valyl-leucyl-prolyl-phenylalanyl-phenylalanyl-valyl-leucine
(SY) Val-Leu-Pro-Phe-Phe-Val-Leu
(HM) *OLIGOPEPTIDES
(PA) PROTEASE INHIBITORS
(PA) PEPSIN/antag
(NO) specific inhibitor of aspartate proteinases of pepsin type

valyl-plasminogen see plasminogen-valine

valyl-354-plasminogen see plasminogen-valine

valylproline see prolylvaline

valyl-prolyl-leucine see diprotin B

valyl-tRNA see tRNA, valine-

valyl-tRNA(Val) see tRNA, valine-

valylvaline
(RN) 3918-94-3
(SY) L-valyl-L-valine
(SY) Val-Val
(HM) *DIPEPTIDES
(NO) RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 7/83

L-valyl-L-valine see valylvaline

VAM
(HM) VINCRISTINE
(HM) DOXORUBICIN
(HM) MITOMYCINS
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of vincristine, adriamycin & mitomycin

vamin see travasol

vamin N see travasol

vaminolac see travasol

VAMP
(HM) VINCRISTINE
(HM) DOXORUBICIN
(HM) PROCARBAZINE
(HM) METHOTREXATE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds; used in therapy of non-Hodgkin's lymphoma

vanadate
(RN) 14333-18-7
(RR) 11115-67-6 (ammonium salt, MF unknown)
(RR) 7803-55-6 (ammonium salt[VO3(1-)])
(SY) sodium orthovanadate
(SY) ammonium vanadate
(SY) orthovanadate
(SY) calcium orthovanadate
(SY) monovanadate
(HM) *VANADIUM
(NO) RN given refers to vanadate ion; structure

vanadium acetylacetonate
(RN) 3153-26-2
(HM) *PENTANONES
(HM) *VANADIUM

vanadium IV see vanadium oxide

vanadium(IV)-bleomycin see bleomycin-vanadium(IV) complex

vanadium oxide
(RN) 1314-62-1
(SY) vanadium pentoxide
(SY) oxovanadium
(SY) vanadium IV
(SY) oxyvanadium
(HM) *VANADIUM
(II) AIR POLLUTANTS, OCCUPATIONAL
(NO) industrial pollutant causing respiratory tract irritation; RN given refers to vanadium pentoxide; see also record for vanadyl

vanadium oxychloride (VOCl3) see trichlorooxo vanadium

vanadium pentoxide see vanadium oxide

vanadocene dichloride
(RN) 12083-48-6
(HM) *VANADIUM
(HM) *ORGANOMETALLIC COMPOUNDS
(PA) ANTINEOPLASTIC AGENTS

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vanadyl
(RN) 20644-97-7
(SY) vanadyl (II)
(SY) oxovanadium (IV)
(HM) *VANADIUM
(NO) hyperpolarizes membrane potential of mammalian muscle cell

vanadyl (II) see vanadyl

vanadyl sulfate
(RN) 27774-13-6
(HM) *VANADIUM

Vancide KS see triphenyltin hydroxide

vanillactic acid
(RN) 2475-56-1
(SY) 3-methoxy-4-hydroxyphenyllactic acid
(HM) HOMOVANILLIC ACID/*analogs
(NO) metabolite of catecholamines

vanillaldehyde see vanillin

vanillin
(RN) 121-33-5
(RR) 57531-76-7 (Na salt)
(SY) vanillaldehyde
(SY) 4-hydroxy-3-methoxybenzaldehyde
(HM) *BENZALDEHYDES
(II) FLAVORING AGENTS
(NO) on-line & Index Medicus search FLAVORING AGENTS (82-83); RN given refers to parent cpd; structure

vanillyl glycol see 4-hydroxy-3-methoxyphenyl-1-propane-1,2-diol

vanilol
(RN) 78100-57-9
(SY) 1-(2-methoxy-4-methoxycarbonyl-1-phenoxy)-3-isopropylamino-2-propanol
(HM) *PROPANOLAMINES
(PA) ANTI-ARRHYTHMIA AGENTS
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS

vanilpyruvic acid
(RN) 1081-71-6
(RR) 54648-82-7 (14C-labeled cpd)
(SY) 3-methoxy-4-hydroxyphenylpyruvic acid
(HM) *PHENYLPYRUVIC ACIDS
(NO) RN given refers to unlabeled parent cpd; structure

vankin see pyrvinium

vanoxonin
(RN) 86933-99-5
(SY) N-(2,3-dihydroxybenzoyl)threonyl-(N-omega-acetyl-N-omega-hydroxy)ornithine
(HM) *DIPEPTIDES
(PA) THYMIDYLATE SYNTHETASE/antag
(NO) from Saccharopolyspora hirsuta; MF C18-H25-N3-O9

vanquin see pyrvinium

vantal
(RN) 39474-56-1
(HM) *DDT
(HM) *DIMETHOATE
(PA) INSECTICIDES
(NO) combination of above cpds

V antigen (plague virulence) see antigen V (Yersinia pestis)

VA-OraLube
(RN) 67527-32-6
(RR) 69866-41-7 (O al.ube)
(SY) Xero-Lube
(HM) *SODIUM FLUORIDE
(HM) *CARBOXYMETHYLCELLULOSE
(HM) *MINERALS
(HM) DRUG COMBINATIONS
(NO) saliva substitute for treatment of xerostomia (dry mouth); provides protection to soft tissues & promotes enamel remineralization; contains K phosphates, K, Na, Mg & Ca chlorides, NaF, sorbitol, flavoring, dye, preservative, water with added carboxymethylcellulose; Xero-Lube reported to have same formulation; RN given refers to VA-OraLube with unknown MF

VAP
(HM) VINCRISTINE
(HM) DOXORUBICIN
(HM) PROCARBAZINE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

VAPA
(HM) VINCRISTINE
(HM) DOXORUBICIN
(HM) PREDNISOLONE
(HM) CYTARABINE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

VAPAC
(HM) VINCRISTINE
(HM) DOXORUBICIN
(HM) PREDNISONE
(HM) CYTARABINE
(HM) CYCLOPHOSPHAMIDE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

VAP-cyclo
(SY) VEPA
(SY) ACVP
(HM) VINCRISTINE
(HM) DOXORUBICIN
(HM) PREDNISOLONE
(HM) CYCLOPHOSPHAMIDE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds; used in treating advanced breast cancer

Vaporub
(SY) Vick vapor rub
(HM) *TERPENES
(HM) *PLANT EXTRACTS
(HM) DRUG COMBINATIONS
(NO) combination of camphor, menthol, terebinth oil, eucalyptus oil, cedar leaf oil, thymol & myristica oil

VAP protocol
(HM) VINCRISTINE
(HM) DOXORUBICIN
(HM) PREDNISOLONE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds; note that P=prednisolone in contrast to record for VAP where P=procarbazine

varanic acid see 3 alpha,7 alpha,12 alpha,24-tetrahydroxy-5 beta- cholestanoic acid

varbex see famophos

vardax see sulmazole

variamycin
(RN) 12677-11-1
(SY) variamycin B
(HM) MITHRAMYCIN/*analogs
(NO) new glycoside antibiotic from aureolic acid group; disrupts RNA synthesis in Staph aureus, HeLa cells; complexes DNA; russian drug

variamycin B see variamycin

variant-2 scorpion toxin
(SY) Centuroides sculpturatus variant-2 toxin
(HM) *SCORPION VENOMS
(II) NEUROTOXINS
(NO) 66 amino acid protein from venom of Centuroides sculpturatus Ewing; native to Arizona desert

variant surface glycoproteins, Trypanosoma
(SY) Trypanosome variant surface coat glycoproteins
(SY) VSG 117
(SY) VSG 118
(SY) VSG 221
(HM) *GLYCOPROTEINS
(II) MEMBRANE PROTEINS
(II) TRYPANOSOMA
(NO) Trypanosomes evade mammalian host's immune system by sequential expression of genes specifying variant surface coat glycoproteins

varicella vaccine
(SY) live varicella vaccine
(HM) *VIRAL VACCINES
(II) VARICELLA-ZOSTER VIRUS

varicella-zoster immune globulin
(SY) VZIG
(HM) *IMMUNE SERA
(II) VARICELLA-ZOSTER VIRUS
(NO) for passive immunization of susceptible immunodeficient patients exposed to varicella-zoster virus

varicella-zoster virus glycoprotein gp-118 see glycoprotein gp 118, varicella-zoster virus

variclene
(RN) 95646-62-1
(HM) *LACTATES
(HM) *AMMONIUM COMPOUNDS
(HM) DRUG COMBINATIONS
(PA) ANTI-INFECTIVE AGENTS, LOCAL
(NO) combination of brilliant green & lactic acid used in topical therapy for venous ulcer infections

varicocid
(RN) 53681-71-3
(HM) *FATTY ACIDS
(PA) ANTI-INFLAMMATORY AGENTS
(II) SCLEROSING SOLUTIONS
(NO) sodium salt of saturated fatty acids from liver extract; acts on synovial fluid in treatment of chronic polyarthritis; sclerosing solution for varicose veins; N1 same as NM

variolysin
(HM) *COELENTERATE VENOMS
(PA) HEMOLYSINS
(II) SEA ANEMONES
(II) COELENTERATE VENOMS
(NO) protein from P. varia with MW 19,500; lacks methionine & cysteine; hemolytic activity inhibited by sphingomyelin

Varl see var1 protein (Sacch Cerev)

Varnal
(HM) *DENTAL MATERIALS
(PA) DENTAL CAVITY LINING

var1 protein (Sacch Cerev)
(SY) Varl
(SY) Var1
(HM) *FUNGAL PROTEINS
(II) RIBOSOMAL PROTEINS
(II) *MEMBRANE PROTEINS
(NO) protein component of inner mitochondrial membrane of Sacch cerev; also polymorphic mitochondrial translation product

varsyl see tinazoline

Var1 see var1 protein (Sacch Cerev)

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VAS-A see vasopressin, 1,6-Asu-8-Arg-

Vascoray
(RN) 51819-38-6
(HM) *IOTHALAMIC ACID
(HM) *IOTHALAMATE MEGLUMINE
(HM) DRUG COMBINATIONS
(II) CONTRAST MEDIA
(NO) contrast medium of sodium iothalamate & methylglucamine iothalamate

Vascoril see cinepazet

vascular permeability factor
(SY) vascular permeability factor, renal
(HM) *LYMPHOKINES
(NO) factor released in vitro from lymphocytes of patients with nephrotic syndrome; mediator of vascular permeability; pepsin-destroyed protein, unaffected by RNAase-DNAase with electrophorectic mobility of an albumin or alpha-1-globulin; similar in physiological effects to skin reactive factor; renal factor purified from kidney extracts of normal rats

vascular permeability factor, renal see vascular permeability factor

vasicine
(RN) 6159-55-3
(RR) 6159-56-4 ((+-)-isomer)
(RR) 7174-27-8 (mono-HCl(R)-isomer)
(RR) 79378-22-6 (unspecified HCl(R)-isomer)
(HM) *ALKALOIDS
(PA) ABORTIFACIENT AGENTS, NON-STEROIDAL
(NO) RN given refers to (R)-isomer; RN for parent cpd without isomeric designation not in Chemline 7/83

vasoactive intestinal peptide receptor
(SY) VIP receptor
(SY) receptor, VIP
(SY) vasoactive intestinal peptide receptors
(SY) receptor, vasoactive intestinal peptide
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) VASOACTIVE INTESTINAL PEPTIDE

vasoactive intestinal peptide receptors see vasoactive intestinal peptide receptor

Vasobrix see ioxitalamic acid

vasodistal see cinepazide maleate

Vasolastine
(HM) *ENZYMES
(NO) enzyme mixture; no other information available 4/20/81

vasopressin, 9-Ala-NH(2)-Arg-
(RN) 78339-40-6
(SY) dDAlaAVP
(SY) 9-Ala-NH(2)-Arg-vasopressin
(SY) vasopressin, 9-alaninamide-arginine-
(SY) 9-alaninamide-arginine vasopressin
(SY) 9-D-Ala-NH(2)-arginine vasopressin
(HM) ARGIPRESSIN/*analogs
(NO) substitution of 9-D-Ala-NH(2) for 9-Gly-NH(2) in argipressin molecule

vasopressin, 9-Ala-NH(2)-Lys-
(SY) 9-Ala-NH(2)-Lys-vasopressin
(SY) vasopressin, 9-alaninamide-lysine-
(SY) 9-alaninamide-lysine vasopressin
(HM) LYPRESSIN/*analogs

vasopressin, 9-alaninamide-arginine- see vasopressin, 9-Ala-NH(2)-Arg-

vasopressin, 9-alaninamide-lysine- see vasopressin, 9-Ala-NH(2)-Lys-

vasopressin, 1,6-alpha-aminosuberic acid-3-(4-azidophenylalanine)8-arginine- see vasopressin, Asu(1,6)-3-Phe(4-N3)Arg-

vasopressin, N-alpha-glycyl-glycyl-glycyl-8-lysine-9-desglycinamide- see vasopressin, N-alpha-Gly-Gly-Gly-8-Lys-9-des-GlyNH2-

vasopressin, N-alpha-Gly-Gly-Gly-8-Lys-9-des-GlyNH2-
(RN) 67494-32-0
(SY) vasopressin, N-alpha-glycyl-glycyl-glycyl-8-lysine-9-desglycinamide-
(SY) N-alpha-triglysyl-8-lysine-9-desglycinamide-vasopressin
(SY) N-alpha-Gly-Gly-Gly-8-Lys-9-des-GlyNH2-vasopressin
(SY) DG-trigly-LVP
(HM) LYPRESSIN/*analogs

vasopressin, 1,6-aminosuberoyl-8-arginine- see vasopressin, 1,6-Asu-8-Arg-

vasopressin, 1,6-Asu-8-Arg-
(RN) 24057-83-8
(SY) vasopressin, 1,6-aminosuberoyl-8-arginine-
(SY) 1,6-aminosuberoyl-8-arginine vasopressin
(SY) 1,6-Asu-8-Arg-vasopressin
(SY) VAS-A
(SY) ASU-AVP
(SY) deamino-dicarba-arginine-8-vasopressin
(HM) ARGIPRESSIN/*analogs

vasopressin, Asu(1,6)-3-Phe(4-N3)Arg-
(RN) 84272-25-3
(RR) 84872-43-5 (3H-labeled cpd)
(SY) Asu(1,6)-3-Phe(4-N3)-AVP
(SY) APN-AVP
(SY) (1,6-alpha-aminosuberic acid-3-(4-azidophenylalanine)8-arginine)vasopressin
(SY) vasopressin, 1,6-alpha-aminosuberic acid-3-(4-azidophenylalanine)8-arginine-
(HM) ARGIPRESSIN/*analogs
(NO) RN given refers to (all L)-isomer; RN for cpd without isomeric designation not in Chemline 2/2/84

vasopressin, (6,1-beta-deaminocystathionine-8-D-Arg)- see DCDAVP

vasopressin, (1-(beta-mercapto-beta,beta-cyclopentamethylenepropionic acid))arginine- see vasopressin-(1-(beta-mercapto-beta,beta-cyclopentamethylenepropionic acid))Arg-

vasopressin-(1-(beta-mercapto-beta,beta-cyclopentamethylenepropionic acid))Arg-
(RN) 73168-23-7
(SY) d(CH2)5AVP
(SY) vasopressin, (1-(beta-mercapto-beta,beta-cyclopentamethylenepropionic acid))arginine-
(SY) (1-(beta-mercapto-beta,beta-cyclopentamethylenepropionic acid))arginine vasopressin
(SY) (1-(beta-mercapto-beta,beta-cyclopentamethylenepropionic acid))Arg- vasopressin
(HM) ARGIPRESSIN/*analogs

vasopressin, 1-(beta-mercapto-beta,beta-cyclopentamethylenepropionic acid)-2-O-ethyltyrosyl-4-valyl-8-arginine- see vasopressin, 1-(beta-mercapto beta,beta- cyclopentamethylenepropionic acid)-2-O-ethyl-Tyr-4- Val-8-Arg-

vasopressin, 1-(beta-mercapto beta,beta-cyclopentamethylenepropionic acid)-2-O-ethyl-Tyr-4-Val-8-Arg-
(RN) 77453-01-1
(SY) d(CH2)5Tyr(Et)VDAVP
(SY) d(CH2)5Tyr(Et)VAVP
(SY) vasopressin, 1-(beta-mercapto-beta,beta-cyclopentamethylenepropionic acid)-2-O-ethyltyrosyl-4-valyl-8-arginine-
(SY) 1-(beta-mercapto-beta,beta-cyclopentamethylenepropionic acid)-2-O-ethyl-Tyr-4-Val-8-Arg-vasopressin
(SY) 1-(beta-mercapto-beta,beta-cyclopentamethylenepropionic acid)-2-O-ethyltyrosyl-4-valyl-8-arginine vasopressin
(SY) SK&F 100398
(SY) SK&F-100398
(SY) SK&F 10149
(SY) SK&F-10149
(HM) ARGIPRESSIN/*analogs
(PA) VASOPRESSINS/antag

vasopressin, (1-(beta mercapto-beta,beta-cyclopentamethylenepropionic acid)-2-(O-methyl)Tyr)Arg-
(RN) 73168-24-8
(SY) d(CH2)5Tyr(Me)AVP
(SY) (1-(beta-mercapto-beta,beta-cyclopentamethylenepropionic acid),2-(O-methyl) tyrosine)arginine-vasopressin
(SY) (1-(beta mercapto-beta,beta-cyclopentamethylenepropionic acid)-2-(O-methyl) Tyr)Arg-vasopressin
(SY) (1-(beta mercapto-beta,beta-cyclopentamethylenepropionic acid)-2-(O-methyl) tyrosyl)arginine vasopressin
(SY) vasopressin, (1-(beta mercapto-beta,beta-cyclopentamethylenepropionic acid)-2-(O-methyl) tyrosyl)arginine-
(SY) MCPPA-AVP
(SY) 1-(1-mercaptocyclohexaneacetic acid)-2-(O-methyl-L-tyrosine)-8-D-arginine vasopressin
(HM) ARGIPRESSIN/*analogs
(NO) highly potent antagonist of vasopressor response to arginine-vasopressin; structure in first source

vasopressin, (1-(beta mercapto-beta,beta-cyclopentamethylenepropionic acid)-2-(O-methyl) tyrosyl)arginine- see vasopressin, (1-(beta mercapto-beta,beta- cyclopentamethylenepropionic acid)-2-(O-methyl)Tyr) Arg-

vasopressin, 1-(beta-mercapto-beta,beta-cyclopentamethylenepropionic acid)-2-tyrosyl-4-valyl-8-arginine- see vasopressin, 1-(1-mercaptocyclohexaneacetic acid)-2- Tyr-4-Val-8-Arg-

vasopressin, 1-(beta mercapto-beta-beta-cyclopentamethyleneпropionic acid)-4-Val-8-Arg-
(RN) 65647-03-2
(SY) cyclo-DVDAVP
(SY) (1-(beta-mercapto-beta,beta-cyclopentamethylenepropionic acid), 4-valine-8-D-arginine)vasopressin
(SY) 1-(beta-mercapto-beta-beta-cyclopentamethylenepropionic acid)-4-Val-8-Arg-vasopressin
(SY) 1-(beta-mercapto-beta-beta-cyclopentamethylenepropionic acid)-4-valyl-8- arginine vasopressin
(SY) vasopressin, 1-(beta-mercapto-beta-beta-cyclopentamethylenepropionic acid)-4-valyl-8-arginine-
(HM) ARGIPRESSIN/*analogs
(NO) potent, selective inhibitor of vasopressor response to arginine vasopressin

vasopressin, 1-(beta-mercapto-beta-beta-cyclopentamethyleneпropionic acid)-4-valyl-8-arginine- see vasopressin, 1-(beta mercapto-beta-beta-cyclopentamethyleneпropionic acid)-4-Val-8-Arg-

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vasopressin, (1-(beta-mercapto-beta,beta-pentamethylenepropionic acid)-2-Ile-4-Val)Arg- see vasopressin, 1-(1-mercaptocyclohexaneacetic acid-2-Ile-4-Val-8-Arg)-

vasopressin, (1-(beta-mercapto-beta,beta-pentamethylenepropionic acid)-2-isoleucyl-4-valyl) arginine- see vasopressin, 1-(1-mercaptocyclohexaneacetic acid-2-Ile-4-Val-8-Arg)-

vasopressin, 1-deamino-(4-(2-aminobutyric acid)-8-Arg-

(RN) 25953-03-1
(RR) 59385-69-2 ((D-Arg)-isomer)
(SY) 1-deamino-4-(2-aminobutyric acid)-8-arginine vasopressin
(SY) dAbuAVP
(HM) ARGIPRESSIN/*analogs
(NO) RN given refers to all L-isomer; RN for cpd without isomeric designation not in Chemline 3/85

vasopressin, 1-deamino-(3-(4-azido-Phe))-8-Lys-

(SY) 1-deamino-(3-(4-azido-Phe))-8-Lys-vasopressin
(SY) vasopressin, 1-deamino-(3-(4-azidophenylalanyl))-8-lysine-
(SY) 1-deamino-(3-(4-azidophenylalanyl))-8-lysine-vasopressin
(SY) N3-dLVP
(SY) Rhod-N3-dLVP
(HM) *AZIDES
(HM) LYPRESSIN/*analogs
(II) AFFINITY LABELS
(II) RHODAMINE
(NO) rhodamine added to epsilon amino group of lysine

vasopressin, 1-deamino-(3-(4-azidophenylalanyl))-8- lysine- see vasopressin, 1-deamino-(3-(4-azido-Phe))-8-Lys-

vasopressin, deamino-homo-Arg-

(RN) 52697-47-9
(RR) 56083-27-3 ((D-Lys)-isomer)
(RR) 56083-28-4 (monoacetate(D-Lys)-isomer)
(RR) 55878-77-8 (monoacetate(L-Lys)-isomer)
(SY) 1-deamino-8-D-homoarginine-vasopressin
(SY) 1-deamino-8-homoarginine vasopressin
(SY) deamino-homo-Arg-vasopressin
(SY) deamino-homoarginine vasopressin
(SY) vasopressin, deamino-homoarginine-
(HM) DESMOPRESSIN/*analogs
(NO) RN given refers to (L-Lysine)-isomer; RN for cpd without isomeric designation not in Chemline 7/83

vasopressin, deamino-homoarginine- see vasopressin, deamino-homo-Arg-

vasopressin, 1-deamino-(2-(O-methyl)tyrosyl)arginine- see vasopressin, 1-deamino-(2-(O-methyl)Tyr)-4-Val-8-Arg-

vasopressin, 1-deamino-(2-(O-methyl)Tyr)-4-Val-8-Arg-

(RN) 85114-98-3
(RR) 84723-85-3 ((L-Tyr-L-Val-L-Arg)-isomer)
(SY) vasopressin, 1-deamino-(2-(O-methyl)tyrosyl) arginine-
(SY) 1-deamino-(2-(O-methyl)Tyr)Arg-vasopressin
(SY) 1-deamino-(2-(O-methyl)tyrosyl)arginine vasopressin
(HM) ARGIPRESSIN
(NO) RN given refers to (L-Tyr-L-Val-D-Arg)-isomer; RN for cpd without isomeric designation not in Chemline 8/84

vasopressin, (1-deaminopenicillamine-2-(O-methyl)Tyr)Arg-

(RN) 67269-08-3
(RR) 80953-31-7 ((L-Tyr-D-Arg)-isomer)
(SY) dPTyr(Me)AVP
(SY) vasopressin, (1-deaminopenicillamine-2-(O-methyl)tyrosyl)arginine-
(SY) (1-deaminopenicillamine-2-(O-methyl)tyrosyl) arginine vasopressin
(SY) (1-deaminopenicillamine-2-(O-methyl)Tyr)Arg-vasopressin
(SY) (1-deaminopenicillamine, 2-(O-methyl)tyrosine)-arginine-vasopressin
(SY) dPMeTyrAVP
(HM) ARGIPRESSIN/*analogs
(PA) VASOPRESSINS/antag
(NO) RN given refers to (L-Tyr-L-Arg)-isomer; RN for cpd without isomeric designation not in Chemline 7/83

vasopressin, (1-deaminopenicillamine-2-(O-methyl) tyrosyl)arginine- see vasopressin, (1-deaminopenicillamine-2-(O-methyl)Tyr) Arg-

vasopressin, (1-deaminopenicillamine-4-Val-8-Arg)-

(RN) 64158-84-5
(SY) DPVDAVP
(SY) (1-deaminopenicillamine, 4-valine, 8-D-arginine) vasopressin
(SY) (1-deaminopenicillamine-4-Val-8-Arg)vasopressin
(SY) (1-deaminopenicillamine-4-valyl-8-arginine) vasopressin
(SY) vasopressin, (1-deaminopenicillamine-4-valyl-8-arginine)-
(HM) ARGIPRESSIN/*analogs
(NO) antagonist of vasopressor effect of vasopressin

vasopressin, (1-deaminopenicillamine-4-valyl-8- arginine)- see vasopressin, (1-deaminopenicillamine-4-Val-8-Arg)-

vasopressin, 1-deamino-2-Phe-7-(3,4-dehydro)Pro-8-Arg-

(RN) 65647-64-5
(SY) 1-deamino-2-phenylalanyl-7-(3,4-dehydroprolyl)-8-arginine-vasopressin
(SY) 1-deamino-2-Phe-7-(3,4-dehydro-Pro)-8-Arg-vasopressin
(SY) vasopressin, 1-deamino-2-phenylalanyl-7-(3,4-dehydroprolyl)-8-arginine-
(SY) dPdPAVP
(HM) ARGIPRESSIN/*analogs
(NO) RN given refers to all L-isomer; RN for cpd without isomeric designation not in Chemline 3/85

vasopressin, 1-deamino-2-phenylalanyl-7-(3,4-dehydroprolyl)-8-arginine- see vasopressin, 1-deamino-2-Phe-7-(3,4-dehydro)Pro-8-Arg-

vasopressin, 1-deamino-4-Val-8-Arg-

(RN) 51980-16-6
(RR) 84622-12-8 ((D-Val-D-Arg)-isomer)
(RR) 43157-23-9 ((L-Val-D-Arg)-isomer)
(SY) DVDAVP
(SY) (1-deamino,4-valine)-8-D-argininevasopressin
(SY) vasopressin, 1-deamino-4-valyl-8-arginine-
(SY) 1-deamino-4-valyl-8-arginine vasopressin
(SY) 1-deamino-4-Val-8-Arg-vasopressin
(HM) DESMOPRESSIN/*analogs
(NO) highly potent & specific antidiuretic possessing protracted effects, RN given refers to (L-Val-L-Arg)-isomer; RN for cpd without isomeric designation not in Chemline 7/83

vasopressin, 1-deamino-4-valyl-8-arginine- see vasopressin, 1-deamino-4-Val-8-Arg-

vasopressin, 9-desglycinamide-8-arginine- see vasopressin, 9-des-Gly-NH(2)-8-Arg-

vasopressin, 9-desglycinamide-lysine- see vasopressin, 9-des-Gly-NH(2)-Lys-

vasopressin, 9-des-Gly-NH(2)-8-Arg-

(RN) 37552-33-3
(RR) 74619-86-6 (dicitrate(L-Arg)-isomer)
(RR) 84137-51-9 (monoacetate(L-Arg)-isomer)
(SY) des-Gly(9)-(Arg(8))-vasopressin dicitrate salt
(SY) DEAVP
(SY) (des-9-glycinamide)argipressin
(SY) DGAVP
(SY) desglycinamide(9)-arginine(8)-vasopressin
(SY) vasopressin, 9-desglycinamide-8-arginine-
(SY) 9-desglycinamide-8-arginine vasopressin
(SY) 9-des-Gly-NH(2)-8-Arg-vasopressin
(SY) 8-L-arginine-9-deglycinamide vasopressin
(SY) 9-desglycine-arginine vasopressin
(HM) ARGIPRESSIN/*analogs
(NO) RN given refers to (L-Arg)-isomer; RN for cpd without isomeric designation not in Chemline 7/83

vasopressin, 9-des-Gly-NH(2)-Lys-

(RN) 32472-43-8
(SY) vasopressin, 9-desglycinamide-lysine-
(SY) desglycinamide(9)-lysine vasopressin
(SY) 9-desglycinamide-lysine vasopressin
(SY) 9-des-Gly-NH(2)-Lys-vasopressin
(SY) DGLVP
(HM) LYPRESSIN/*analogs

vasopressin, N-(N-glycylglycyl)-8-lysine- see vasopressin, N-(N-Gly-Gly)-8-Lys-

vasopressin, N-(N-Gly-Gly)-8-Lys-

(RN) 14943-47-6
(SY) triglycyl-desglycine amide lysine vasopressin
(SY) N-(N-glycylglycyl)-8-lysine vasopressin
(SY) vasopressin, N-(N-glycylglycyl)-8-lysine-
(HM) LYPRESSIN/*analogs
(NO) has affect on the brain

vasopressin isoreceptors see vasopressin receptor

vasopressin, 1-(2-mercapto-beta,beta-cyclopentamethylenepropionic acid)-2-Phe-4-Val-8-Arg- see SK&F 101071

vasopressin, 1-(1-mercaptocyclohexaneacetic acid-2-Ile-4-Val-8-Arg)-

(RN) 81094-06-6
(SY) vasopressin, (1-(beta-mercapto-beta,beta-pentamethylenepropionic acid)-2-Ile-4-Val)Arg-
(SY) vasopressin, (1-(beta-mercapto-beta,beta-pentamethylenepropionic acid)-2-isoleucyl-4-valyl)arginine-
(SY) (1-(beta-mercapto-beta,beta-pentamethylenepropionic acid)-2-Ile-4-Val)Arg vasopressin
(SY) (1-(beta-mercapto-beta,beta-pentamethylenepropionic acid)-2-isoleucyl-4-valyl)arginine vasopressin
(SY) VMCIVA
(HM) ARGIPRESSIN/*analogs
(PA) ARGIPRESSIN/antag

vasopressin, 1-(1-mercaptocyclohexaneacetic acid)-2-Tyr-4-Val-8-Arg-

(RN) 81094-15-7
(RR) 80161-46-2 ((D-Tyr-L-Val-D-Arg)-isomer)
(SY) d(CH2)5TyrVAVP
(SY) d(CH2)5TyrVDAVP
(SY) vasopressin, 1-(beta-mercapto-beta,beta-cyclopentamethylenepropionic acid)-2-tyrosyl-4-valyl-8-arginine-
(SY) 1-(1-mercaptocyclohexaneacetic acid)-2-Tyr-4-Val-8-Arg-vasopressin
(SY) 1-(1-mercaptocyclohexaneacetic acid)-2-tyrosyl-4-valyl-8-arginine-vasopressin
(HM) ARGIPRESSIN/*analogs
(PA) VASOPRESSINS/antag
(NO) RN given refers to (D-Tyr-L-Val-L-Arg)-isomer; RN for cpd without isomeric designation not in Chemline 12/84

vasopressin, 2-Phe-8-Arg- see phenypressin

vasopressin, 2-Phe-3-(4-azido)Phe-Arg-

(RN) 74274-75-2
(SY) vasopressin, 2-phenylalanyl-3-(4-azido) phenylalanyl-arginine-
(SY) 2-phenylalanyl-3-(4-azido)phenylalanyl-arginine vasopressin
(SY) 2-Phe-3-(4-N3)Phe-Arg-vasopressin
(SY) 2-PN3P-VAP
(SY) Phe(2)-Phe(p-N(3))(3)-AVP
(HM) ARGIPRESSIN/*analogs
(NO) binds to vasopressin receptors; RN given refers to all (L)-isomer; RN for cpd without isomeric designation not in Chemline 6/84

vasopressin, 2-phenylalanyl-8-arginine- see phenypressin

vasopressin, 2-phenylalanyl-3-(4-azido)phenylalanyl-arginine- see vasopressin, 2-Phe-3-(4-azido)Phe-Arg-

vasopressin receptor

(SY) receptors, vasopressin
(SY) vasopressin receptors
(SY) vasopressin isoreceptors
(HM) *RECEPTORS, ANGIOTENSIN
(II) VASOPRESSINS

vasopressin receptors see vasopressin receptor

Vasopressin tannate see Pitressin tannate

vasopressin, tri-Gly-8-Lys- see glypressin

vasotocin, 1-(beta-mercapto-beta,beta-cyclopentamethylenepropionic acid)-8-ornithine- see oxytocin, 1-(beta-mercapto-beta,beta-cyclopentamethylenepropionic acid)-8-ornithine-

vasotocin, 1-(beta-mercapto-(beta,beta-cyclopentamethylene)propionic acid)-8-ornithine- see oxytocin, 1-(beta-mercapto-(beta,beta-cyclopentamethylene)propionic acid)-8 ornithine-

vasotocin, 1-deaminopenicillamine-8-ornithine- see oxytocin, 1-deaminopenicillamine-8-ornithine-

vasotocin, 1-(3-mercaptopropanoic acid)-8-arginine see vasotocin, 1-(3-mercaptopropanoic acid)-8-Arg-

vasotocin, 1-(3-mercaptopropanoic acid)-8-Arg-

(RN) 38679-66-2
(RR) 84575-48-4 (acetate)
(SY) vasotocin, 1-(3-mercaptopropanoic acid)-8-arginine
(SY) 8-arginine-1-(3-mercaptopropanoic acid)vasotocin
(SY) 8-Arg-1-(3-mercaptopropanoic acid)vasotocin
(SY) dAVT
(HM) VASOTOCIN/*analogs
(NO) desamino analog of arginine vasotocin

vasotocin receptor

(SY) receptor, vasotocin
(SY) arginine vasotocin receptors
(HM) *RECEPTORS, ANGIOTENSIN
(II) VASOTOCIN

vasperdil see nicofuranose

Vaspit see fluocortin butyl ester

VAV

(HM) ETOPOSIDE
(HM) DOXORUBICIN
(HM) VINCRISTINE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

VA 2 see M 92

VA-2 see M 92

VBA

(SY) ABV
(HM) VINBLASTINE
(HM) BLEOMYCINS
(HM) DOXORUBICIN
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above three cpds

VBAP

(HM) VINCRISTINE
(HM) CARMUSTINE
(HM) DOXORUBICIN
(HM) PREDNISONE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds; used for multiple myeloma

VbCFM

(HM) CYCLOPHOSPHAMIDE
(HM) FLUOROURACIL
(HM) METHOTREXATE
(HM) VINBLASTINE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above 4 cpds; first 3 cpds are given orally, vinblastine is administered intravenously

VBD see PVB

VB(III)+-P see PVB

VBM

(HM) VINCRISTINE
(HM) BLEOMYCINS
(HM) METHOTREXATE
(PA) ANTINEOPLASTIC AGENTS, COMBINED

VBMF protocol

(HM) VINCRISTINE
(HM) BLEOMYCINS
(HM) FLUOROURACIL
(HM) METHOTREXATE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds; used in treatment of postcricoid carcinoma

VBP see PVB

VCACP see vinylchloride-acetate copolymer

VCA, Epstein-Barr see Epstein-Barr viral capsid antigen

VCAP see CHOP

VCCP

(HM) VINCRISTINE
(HM) CYCLOPHOSPHAMIDE
(HM) CHLORAMBUCIL
(HM) PREDNISONE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

Vc5 cytotoxin see cobra cytotoxin Vc5

VCDP

(HM) VINCRISTINE
(HM) CYCLOPHOSPHAMIDE
(HM) DOXORUBICIN
(HM) PROCARBAZINE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

VCH protocol

(HM) VINDESINE
(HM) CISPLATIN
(HM) HEXAMETHYLMELAMINE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of vindesine, cisplatin & hexamethylmelamine

VCP see CVP protocol

VCPC protocol

(HM) VINDESINE
(HM) LOMUSTINE
(HM) CISPLATIN
(HM) CYCLOPHOSPHAMIDE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of vindesine, CCNU, cisplatin, and cyclophosphamide; used in therapy of squamous cell carcinoma of the lung

VCP regimen

(HM) VINCRISTINE
(HM) CYCLOPHOSPHAMIDE
(HM) PREDNISOLONE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds; used in therapy of lymphoma; do not confuse with VCP which contains prednisone in place of prednisolone

VCS-438 see methazole

VDCP see CHOP

VD3-glucopyranoside see vitamin D3 3 beta-D-glucopyranoside

VDP

(HM) VINCRISTINE
(HM) DAUNORUBICIN
(HM) PREDNISONE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds; used in treatment of acute lymphoblastic leukemia

VD3G see vitamin D3 3 beta-D-glucopyranoside

vectarion see almitrine

vecuronium see ORG NC 45

vedelite see weddellite

Veegum see aluminum magnesium silicate

Vegadex see CDEC

velour

(HM) *TEXTILES

Velpar see hexazinone

Venacorn see sandoven

Venalot

(RN) 39291-13-9
(HM) *COUMARINS
(HM) HYDROXYETHYLRUTOSIDE/*analogs
(HM) DRUG COMBINATIONS

venen tabs see leucocyanidin

venilon

(HM) *IMMUNOGLOBULINS
(NO) sulfated immunoglobulin preparation used in treatment of senili pneumonia

Venimmun see IgG, sulfonated

Venocuran

(RN) 78920-42-0
(SY) Venopyridum
(HM) *CARDIAC GLYCOSIDES
(HM) *PYRAZOLES
(HM) *PLANT EXTRACTS
(HM) DRUG COMBINATIONS
(NO) used therapeutically for venous diseases; combination of cardiac glycosides, phenopyrazone, horse chestnut extract

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Venoglobulin
(HM) *GAMMA GLOBULINS
(HM) *FIBRINOLYSIN
(HM) DRUG COMBINATIONS
(NO) human gamma globulin & dried plasmin combination for injection

venom coagglutinin see botrocetin

venom exonuclease see phosphodiesterase I

Venopyridum see Venocuran

venopyronum see phenopyrazone

venoruton see troxerutin

venoruton P4 see troxerutin

venostasin
(HM) *ESCIN
(HM) *PLANT EXTRACTS
(HM) DRUG COMBINATIONS
(NO) contains extract from seeds of horse chestnut & escin

Venostatin
(RN) 56575-31-6
(HM) *ESCIN
(HM) *HEPARIN
(HM) *SALICYLATES
(HM) DRUG COMBINATIONS
(NO) combination of aescin, heparin & ethyleneglycol monosalicylate used in topical treatment of edema, hematoma

ventide
(RN) 93686-59-0
(HM) *BECLOMETHASONE
(HM) *SALBUTAMOL
(HM) DRUG COMBINATIONS
(PA) BRONCHODILATOR AGENTS
(NO) combination of above cpds used in treatment of asthma

Ventilat see oxitropium

Ventolin Flogo
(HM) *ALBUTEROL
(HM) *BECLOMETHASONE
(HM) DRUG COMBINATIONS
(PA) BRONCHODILATOR AGENTS
(NO) combination of above cpds

Venzar see lenacil

VEP
(HM) VINBLASTINE
(HM) ETOPOSIDE
(HM) CISPLATIN
(PA) ANTINEOPLASTIC AGENTS, COMBINED

VEPA see VAP-cyclo

VEP protocol
(HM) VINDESINE
(HM) ETOPOSIDE
(HM) PREDNISOLONE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherpy protocol consisting of vindesine, etoposide & prednisolone

Veralipride
(RN) 66644-81-3
(RR) 66644-83-5 (mono-HCl)
(SY) Agreal
(SY) N-(1-allyl-2-pyrrolidinyl)methyl-2,3-dimethoxy-5-sulfamoylbenzamide
(HM) SULPIRIDE/*analogs
(II) MENOPAUSE/drug eff
(II) PSYCHOPHYSIOLOGIC DISORDERS/drug ther
(NO) used in treatment of menopausal disorders; RN given refers to parent cpd

Veramid
(RN) 8015-18-7
(SY) aminopyrine-barbital
(SY) pyrabital
(HM) *AMINOPYRINE
(HM) *BARBITAL
(HM) DRUG COMBINATIONS

verapamil receptor see calcium channel blocker receptor

veratramine
(RN) 60-70-8
(SY) 5-methyl-2-(1-(2,3,4,6,6a,11,11a,11b-octahydro-3-hydroxy-10,11b-dimethyl-1H-benzo(a)fluoren-9-yl)ethyl)piperidin-3-ol
(HM) *VERATRUM ALKALOIDS
(NO) structure

5-veratramine-3 beta,11 alpha-diol-11-acetate see muldamine

veratrate 3-O-demethylase
(RN) EC 1.14.99.-
(HM) *OXIDOREDUCTASES, O-DEMETHYLATING
(NO) forms isovanillic acid from veratric acid; see also record for 4-methoxybenzoate monooxygenase (O-demethylating)

veratrate 4-O-demethylase see 4-methoxybenzoate monooxygenase (O-demethylating)

veratric acid
(RN) 93-07-2
(RR) 25635-53-4 (K salt)
(RR) 34535-88-1 (Na salt)
(RR) 50961-18-7 (11C-labeled cpd Na salt)
(HM) *VANILLIC ACID/analogs
(NO) RN given refers to parent cpd; structure

veratryl alcohol
(RN) 93-03-8
(SY) 3,4-dimethoxy benzenemethanol
(HM) *BENZYL ALCOHOLS

verbascan
(HM) *ALKALOIDS
(NO) alkaloid prep. from verbascum pseudonobile endogenous to Bulgaria containing verbaskin, isoverbaskin, verbasin & PN-2; used in treatment of gastrointestinal & biliary diseases

v-erbB gene product see gene proteins, viral

verdamicin
(RN) 49863-48-1
(HM) AMINOGLYCOSIDES
(PA) ANTIBIOTICS
(NO) produced by micromonospora, M. grisea

verdohaemochrome see verdohemochrome

verdohemochrome
(RN) 17567-74-7
(SY) verdohaemochrome
(HM) *BILE PIGMENTS

vergentan see alizapride

Verhoeffs iron hematoxylin
(HM) *HEMATOXYLIN
(HM) *IODIDES
(HM) *FERRIC COMPOUNDS
(II) STAINS AND STAINING
(NO) contains 20 ml of 5% hematoxylin, 8 ml of 10% ferric chloride & 8 ml of Lugols iodine

VER I
(RN) 54351-43-8
(SY) WER I
(HM) TRICHOTHECENES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) verucarin E analog

veritol see pholedrine

vermiculine
(RN) 37244-00-1
(HM) LACTONES
(PA) ANTIBIOTICS
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) cytotoxic antibiotic from Penicillium vermiculatum Dangeard; structure

vermiculite
(RN) 1318-00-9
(HM) *ALUMINUM SILICATES

vernam
(RN) 1929-77-7
(SY) S,N,N'-tripropylthiocarbamate
(HM) *THIOCARBAMATES
(PA) HERBICIDES, CARBAMATE

vernamycin A see virginiamycin

vernamycin B see virginiamycin

vernamycin Balpha see mikamycin B

vernolepin
(RN) 18542-37-5
(HM) *SESQUITERPENES

vernomenin
(RN) 20107-26-0
(HM) SESQUITERPENES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) generic name for group of peptide lactone antibiotics from Streptomyces loidensis; structure

vero cell cytotoxin see verotoxin

vero cytotoxin see verotoxin

verofylline see CK 0383

vero toxin see verotoxin

verotoxin
(SY) vero cytotoxin
(SY) vero toxin
(SY) vero cell cytotoxin
(HM) *BACTERIAL TOXINS
(II) CYTOTOXINS
(II) ESCHERICHIA COLI
(NO) cytotoxin active in vero cells; associated with hemolytic-uremic syndrome

verrucarin A see muconomycin A

verrucarin E
(RN) 24445-13-4
(HM) PYRROLES
(PA) ANTIBIOTICS, ANTINEOPLASTIC

verrucarin J
(RN) 4643-58-7
(SY) muconomycin B
(HM) TRICHOTHECENES
(PA) ANTIBIOTICS, ANTINEOPLASTIC

verrucarol
(RN) 2198-92-7
(HM) *TRICHOTHECENES
(NO) structure

verruculogen
(RN) 12771-72-1
(HM) *INDOLES
(II) MYCOTOXINS
(NO) complex 6-O-methylindole cpd containing 3 nitrogens; induces tremor; tremorigenic metabolite from Penicillium verruculosum isolated from moldy peanuts; decreases GABA levels in CNS; structure

versalide
(RN) 88-29-9
(SY) 6-acetyl-1,1,4,4-tetramethyl-7-ethyl-1,2,3,4-tetralin
(SY) acetylethyltetramethyltetralin
(SY) AETT
(SY) acetyl ethyl tetramethyl tetralin
(SY) acetyl ethyltetramethyltetralin
(SY) 1-(3-ethyl-5,6,7,8-tetrahydro-5,5,8,8-tetramethyl-2-naphthalenyl)ethanone
(HM) *TETRAHYDRONAPHTHALENES
(II) PERFUME
(II) NEUROTOXINS
(NO) musk fragrance in soaps & cosmetics; structure

versicolin
(RN) 4389-44-0
(SY) 2,3,6-trihydroxytoluene
(HM) TOLUENE/analogs
(PA) ANTIBIOTICS, ANTIFUNGAL
(NO) structure

versicolorin
(RN) 10088-98-9
(SY) versicolorins
(HM) *ANTHRAQUINONES
(NO) see also records for versicolorin A & versicolorin C; structure

versicolorin A
(RN) 6807-96-1
(HM) *ANTHRAQUINONES
(NO) see also versicolorin

versicolorins see versicolorin

versiconal
(RN) 62218-05-7
(HM) *ANTHRAQUINONES
(II) PIGMENTS
(NO) RN not in Chemline 7/83; structure

Vertigoheel
(HM) *PLANT EXTRACTS
(HM) *PICROTOXIN
(HM) *MINERALS
(HM) DRUG COMBINATIONS
(NO) homeopathic medication for treatment of vertigo; contains ambra, cocculus and conium

verum
(HM) *CARVACROL
(HM) *MENTHOL
(HM) *THIONES
(HM) DRUG COMBINATIONS
(PA) ANTI-INFLAMMATORY AGENTS
(II) OINTMENTS
(II) SUPPOSITORIES
(NO) ointment contains monochlorocarvacrol, menthol & ammonium sulfothiolate; suppository also contains oil of chamomile

very low density lipoprotein cholesterol
(SY) VLDL cholesterol
(SY) cholesterol VLDL
(SY) lipoprotein, VLDL cholesterol
(HM) *LIPOPROTEINS, VLDL
(HM) *CHOLESTEROL

very low density lipoprotein receptors see VLDL receptor

very low density lipoprotein triglyceride
(SY) VLDL triglyceride
(SY) triglyceride VLDL
(SY) lipoprotein, VLDL triglyceride
(SY) VLDL triacylglycerol
(SY) triacylglycerol VLDL
(HM) *LIPOPROTEINS, VLDL
(HM) *TRIGLYCERIDES

vesicular stomatitis virus NS protein see NS proteins

vesicular stomatitis virus G protein see viral G protein

vesicular stomatitis virus L protein see viral L protein

vesicular stomatitis virus N protein see viral N protein

vesiculogen
(RN) 72994-03-7
(HM) *LECTINS
(NO) B lymphocyte mitogen extracted from Ascomycete Peziza vesiculosa

vesiculosin
(HM) *DITERPENES
(II) PLANTS, MEDICINAL
(II) PLANT EXTRACTS
(NO) from Diarthron vesiculosum; structure given in first source

Vesparax (combination)
(RN) 61112-40-1
(HM) *SECOBARBITAL
(HM) *ALLOBARBITAL/analogs
(HM) *HYDROXYZINE
(HM) DRUG COMBINATIONS
(NO) combination of brallobarbital, hydroxyzine & secobarbital

Ves-Phene
(RN) 8067-77-4
(HM) *PHENOLS
(II) DISINFECTANTS
(NO) contains sodium o-phenylphenate, sodium o-benzyl-p-chlorophenate, & sodium p-tert-amylphenate; has pH of 11 to 12

Vessel see glucuronyl glucosamine glycan sulfate

vessel (polysaccharide) see glucuronyl glucosamine glycan sulfate

Vestopal W
(RN) 78920-44-2
(HM) *POLYMERS
(II) DENTAL MATERIALS

vetrazin see CGA 72662

vevelite see whewellite

VFP
(HM) VINBLASTINE
(HM) FLUOROURACIL
(HM) PREDNISONE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

VF-122 see VF 122

VF 122
(RN) 69839-82-3
(SY) 3,4,5-trihydroxybenzohydroxamic acid
(SY) VF-122
(HM) *HYDROXAMIC ACIDS
(PA) ANTINEOPLASTIC AGENTS

VF 147 see NSC 324360

VGPIPT see valyl-glutamyl-prolyl-isoleucyl-prolyl-tyrosine

VGVAPG see valyl-glycyl-valyl-alanyl-prolyl-glycine

v-Ha-ras p21 see p21(src) viral protein

VHMDP see 2-vinyl-4-hydroxymethyldeuteroporphyrin IX

viaben see bromopride

VIAM-B see phenol-formaldehyde resin

Vi antigen
(SY) antigen, Vi
(HM) *ANTIGENS, BACTERIAL
(NO) typhoid vaccine potency is decreased if above antigen is deficient during production of the vaccine

vibriobactin
(RN) 88217-23-6
(SY) N-(3-(2,3-dihydroxybenzamido)propyl)-1,3-bis((2,3-dihydroxyphenyl)-trans-5-methyl-2-oxazoline-4-carboxamido)propane
(HM) *CATECHOLS
(II) IRON CHELATES
(II) IONOPHORES
(NO) siderophore (iron transport cpd) from Vibrio cholera; structure given in first source

Vibrio cholerae hemagglutinin protease see hemagglutinin-protease

Vibrio cholera enterotoxins see enterotoxin, Cholera

Vibrocil
(RN) 8059-14-1
(HM) *PHENYLEPHRINE
(HM) *NEOMYCIN
(HM) *DIMETHINDENE
(HM) DRUG COMBINATIONS
(NO) nasal drops which contain the above combination

vibunazole see BAY N 7133

vicalin see bismuth subnitrate

vicasol see menadione bisulfite

Vicia graminea lectin see Vicia lectins

Vicia lectins
(SY) Vicia graminea lectin
(SY) Vicia villosa lectin
(HM) *LECTINS
(NO) reacts specifically with blood group N & N-like glycoproteins from human erythrocytes; also reacts with the major glycoprotein of horse erythrocytes

Vicia villosa lectin see Vicia lectins

Vicilin see vicilin

vicilin
(RN) 9067-60-1
(SY) G1-globulin
(SY) Vicilin
(HM) *VEGETABLE PROTEINS
(NO) reserve proteins from cotyledons of leguminous seeds

vicine
(RN) 152-93-2
(SY) 2,6-diamino-4,5-dihydroxypyrimidine 5-(beta-D-glucopyranoside)
(HM) *GLUCOSIDES
(HM) *PYRIMIDINONES
(II) TOXINS
(NO) pyrimidine glycoside found in fava bean; structure

Vick vapor rub see Vaporub

Victan see ethyl loflazepate

victoria blue
(RN) 56646-84-5
(HM) *DYES
(NO) no other info available 7/84

Victoria blue 4R
(RN) 2185-87-7
(HM) *ROSANILINE DYES
(NO) RN given refers to chloride; RN for parent cpd not in Chemline 7/83

vigabatrin see 4-aminohex-5-enoic acid

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VIII-CAG see factor VIII clotting antigen

VIII CAG see factor VIII clotting antigen

VIII-RAG see factor VIII related antigen

VII-RAG see factor VII related antigen

vikalin see bismuth subnitrate

vikaline see bismuth subnitrate

vikasol see menadione bisulfite

vilan see nicomorphine

vilan 500 see polyvinyl acetate

villin
(HM) *MICROFILAMENT PROTEINS
(HM) *CARRIER PROTEINS
(II) CALCIUM-BINDING PROTEINS
(NO) major protein of microvillus cytoskeleton which binds both G & F actin; 95,000 dalton cytoskeletal component of intestinal brush borders; also binds calcium

vincamine alpha-ketoglutarate see oxovinca

vincamine teproside
(RN) 51179-28-3
(SY) vincamine teprosylate
(SY) vincamine 1-(7-theophyllinyl)-3-propanesulfonate
(HM) *VINCAMINE/analogs

vincamine teprosylate see vincamine teproside

vincamine 1-(7-theophyllinyl)-3-propanesulfonate see vincamine teproside

vinclozolin
(RN) 50471-44-8
(SY) 3-(3,5-dichlorophenyl)-5-methyl-5-vinyl-1,3-oxazolidine-2,4-dione
(SY) ronilan
(HM) *OXAZOLES
(PA) FUNGICIDES, INDUSTRIAL

vinconate
(RN) 80619-67-6
(SY) OC 340
(SY) OC-340
(HM) *ALKALOIDS
(NO) synthetic hexa-hydrocanthane alkaloid

vinculin
(SY) isovinculin
(SY) beta-vinculin
(SY) alpha-vinculin
(HM) *MUSCLE PROTEINS
(NO) intracellular smooth muscle protein; isomeric forms with 130,000 MW

vinculin-like protein
(SY) meta-vinculin
(SY) vinculin-related protein
(HM) *MUSCLE PROTEINS
(II) MEMBRANE PROTEINS
(NO) from smooth muscle; MW 152,000; different from vinculin MW 130,000; has similar structural & immunological features as vinculin; solubility properties of a membrane protein

vinculin-related protein see vinculin-like protein

vindeburnol see RU 24722

vindol see asilone

vindolicine
(RN) 1362-14-7
(HM) *VINCA ALKALOIDS
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(NO) Catharanthus roseus alkaloid; RN from 10th CI Chem Subs Index for (2beta,3beta,4beta,5alpha,12beta,19alpha)-(2'beta,3'beta,4'beta,5'alpha,12'beta,19'alpha)-isomer; RN for cpd without isomeric designation not in Chemline 11/2/83

vindoline
(RN) 2182-14-1
(RR) 10197-89-4
(citrate(2beta,3beta,4beta,5alpha,12beta,19alpha)-isomer)
(RR) 5826-69-7
(mono-HCl(2beta,3beta,4beta,5alpha,12beta,19alpha)-isomer)
(HM) VINBLASTINE/*analogs
(NO) major alkaloid from Vinca rosea L.; pentacyclic moiety in both vinblastin & vincristine; RN given refers to (2beta,3beta,4beta,5alpha,12beta,19alpha)-isomer; RN for cpd without isomeric designation not in Chemline 7/83

vindolinine
(RN) 5980-02-9
(RR) 976-78-3
(di-HCl(2alpha,3beta,5alpha,12beta,19alpha,20R)-isomer)
(HM) VINBLASTINE/*analogs
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(NO) alkaloid isolated from Catharanthus trichophyllus roots & Vinca rosea (Catharanthus); tested against experimental neoplasms; RN given refers to (2alpha,3beta,5alpha,12beta,19alpha,20R)-isomer; RN for cpd without isomeric designation not in Chemline 7/83

vinegar see acetic acid glacial

vinegar essence see acetic acid glacial

vineomycin A1
(RN) 78164-00-8
(SY) P-1894B
(SY) OS-4742A(1)
(SY) OS-4742A1
(HM) *ANTHRAQUINONES
(PA) PROLINE HYDROXYLASE/antag
(PA) ANTIBIOTICS
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) from Streptomyces strain No. 1894; structure in second source

vineomycin B2
(RN) 80928-52-5
(SY) OS-4742B2
(HM) ANTHRAQUINONES
(PA) ANTIBIOTICS
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) structure in first source

vinepidine
(RN) 68170-69-4
(HM) VINBLASTINE/*analogs
(PA) ANTINEOPLASTIC AGENTS
(NO) structure given in first source

vinpocetine see ethyl apovincaminate

vintene
(HM) *AMINO ACIDS
(II) PARENTERAL FEEDING
(NO) soln of 17 essential L-amino acids, L-aspartic, acetic, citric, & malic acids for parenteral nutriution

vinyl acetate
(RN) 108-05-4
(HM) *VINYL COMPOUNDS

vinylamine-vinylpyrrolidone copolymer see vinylpyrrolidone-vinylamine copolymer

vinylbenzene see styrene

vinylbital see butylvinal

vinyl bromide
(RN) 593-60-2
(HM) *VINYL COMPOUNDS
(NO) structure

vinylbutonate
(RN) 73321-74-1
(HM) *ORGANOPHOSPHORUS COMPOUNDS
(PA) INSECTICIDES, ORGANOPHOSPHATE

vinyl carbamate
(RN) 15805-73-9
(HM) URETHANE/*analogs
(NO) promutagen & more carcinogenic analog of ethyl carbamate (urethane); structure

vinylchloride-acetate copolymer
(RN) 34149-92-3
(SY) acetate-vinylchloride copolymer
(SY) VCACP
(HM) *POLYVINYLS
(NO) induces sarcomas in mice

4-vinyl-1-cyclohexene dioxide
(RN) 106-87-6
(SY) 1-epoxyethyl-3,4-epoxycyclohexane
(HM) *CYCLOHEXANES
(PA) CARCINOGENS
(NO) structure

4-vinylcyclohexene
(RN) 100-40-3
(SY) 4-ethenyl-1-cyclohexene
(HM) *CYCLOHEXANES
(NO) structure

vinylcyclooctane
(RN) 61142-41-4
(SY) vinyl-cyclooctane
(HM) *CYCLOPARAFFINS

vinyl-cyclooctane see vinylcyclooctane

5-vinyl-2'-deoxyuridine
(RN) 55520-67-7
(SY) 2'-deoxy-5-vinyluridine
(HM) DEOXYURIDINE/*analogs
(NO) structure

vinyl epoxidase see vinyl epoxide synthetase

vinyl epoxide synthetase
(RN) EC 1.-
(SY) vinyl epoxidase
(SY) vinyl oxide synthetase
(HM) *MIXED FUNCTION OXIDASES

vinyl ether
(RN) 109-93-3
(SY) ether, vinyl
(SY) divinyl oxide
(SY) divinyl ether
(HM) *VINYL COMPOUNDS
(PA) ANESTHETICS
(NO) major descriptor (65-85); on-line search VINYL COMPOUNDS (66-85); Index Medicus search VINYL ETHER (65-85)

vinylethylnitrosamine
(RN) 13256-13-8
(HM) *NITROSAMINES
(PA) *CARCINOGENS

vinyl fluoride
(RN) 75-02-5
(HM) *VINYL COMPOUNDS

vinyl-GABA see 4-aminohex-5-enoic acid

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vinylglycine
(RN) 56512-51-7
(HM) GLYCINE/*analogs
(NO) irreversible inhibitor of aspartate aminotransferase; structure

vinylglycolic acid
(RN) 600-17-9
(HM) *HYDROXY ACIDS
(NO) potent, irreversible inactivator of vectorial phosphorylation; structure

2-vinyl-4-hydroxymethyldeuteroporphyrin IX
(SY) VHMDP
(HM) *DEUTEROPORPHYRINS
(NO) structure given in first source

vinylidene chloride
(RN) 75-35-4
(SY) 1,1-dichloroethylene
(HM) *DICHLOROETHYLENES
(NO) potent hepatotoxin

vinylidene fluoride see 1,1-difluoroethylene

3-vinyllactic acid see beta-vinyllactic acid

5- vinyl-5-(1-methylbutyl)barbituric acid see butylvinal

vinyl oxide synthetase see vinyl epoxide synthetase

vinyl oxirane see 3,4-epoxy-1-butene

p-vinylphenol see 4-vinylphenol

4-vinylphenol
(RN) 2628-17-3
(RR) 31257-96-2 (cpd with unspecified ethenyl locant)
(SY) 4-hydroxystyrene
(SY) p-vinylphenol
(HM) *PHENOLS
(NO) RN given refers to cpd with locants as specified

1-3-vinyl-4-piperidyl-3-(6-methoxy-4-quinolyl)propane see PK 5078

vinyl polysiloxane
(SY) vinyl siloxane
(SY) reprosil
(SY) polyvinyl siloxane
(HM) *SILOXANES
(II) DENTAL IMPRESSION MATERIALS
(NO) vinyl end groups replace hydroxy end groups on siloxane chain

4-vinylpyridine
(RN) 100-43-6
(RR) 3283-40-7 (HCl)
(RR) 34421-97-1 (HI)
(RR) 31030-05-4 (HBr)
(RR) 34421-96-0 (nitrate)
(RR) 30076-60-9 (perchlorate)
(RR) 34507-57-8 (ion(1-))
(RR) 58293-65-5 (sulfate[1:1])
(HM) *PYRIDINES
(II) INDICATORS AND REAGENTS
(NO) reagent for blocking cysteine function in proteins; RN given refers to parent cpd

N-vinyl-2-pyrrolidinone
(RN) 88-12-0
(SY) N-vinylpyrrolidone
(HM) *PYRROLIDINONES
(NO) monomer of POVIDONE; structure given in first source

N-vinylpyrrolidone see N-vinyl-2-pyrrolidinone

vinylpyrrolidone-vinylamine copolymer
(RN) 28158-56-7
(SY) VI-VI-copolymer
(SY) vinylamine-vinylpyrrolidone copolymer
(HM) *POLYVINYLS

vinyl siloxane see vinyl polysiloxane

5-vinyl-2-thiooxazolidone see goitrin

vinyltoluene
(RN) 25013-15-4
(SY) methylstyrene
(HM) *STYRENES
(NO) monomer for the manufacture of plastics & resins; considered as non-toxic substitute for styrene

4-vinyltoluene oxide
(RN) 13107-39-6
(SY) 2-(4-methylphenyl)oxirane
(HM) *EPOXY COMPOUNDS
(NO) chemical alkylating agents ; structure given in first source

vinzolidine
(RN) 67699-40-5
(HM) *VINCA ALKALOIDS
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(NO) orally active, semisynthetic vinca alkaloid; RN given refers to (3R-(3R*,5S*,7R*,9S*)-isomer; RN for cpd without isomeric designation not in Chemline 9/84; structure given in first source

viokase see pancrelipase

violamine R
(RN) 10213-95-3
(RR) 6252-76-2 (mono-Na salt hydroxide inner salt)
(HM) *RHODAMINES
(II) DYES
(NO) RN given refers to hydroxide inner salt; RN for parent cpd not in Chemline 7/83

violamycin BI
(RN) 58319-19-0
(RR) 53025-37-9 (violamycin A)
(RR) 53025-38-0 (violamycin B)
(RR) 58319-20-3 (violamycin BII)
(HM) AMINOGLYCOSIDES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(PA) ANTIBIOTICS
(NO) RN given refers to cpd with unknown MF; see also violamycins

violamycins
(RN) 51938-70-6
(HM) AMINOGLYCOSIDES
(PA) ANTIBIOTICS
(NO) red pigment antibiotic mixture of violamycins A & B; aminoglycosides of rhodosamine & rhodomycinone produced by Streptomyces violaceus IMET JA 6844; see also violamycin BI

violapterin
(RN) 2577-38-0
(SY) 2,4,6-trihydroxypteridine
(HM) *PTERIDINES
(II) FLUORESCENT DYES

violaxanthin
(RN) 126-29-4
(SY) zeaxanthin diepoxide
(SY) 5,6:5',6'-diepoxy-5,5',6,6'- tetrahydro-beta-carotene-3,3'-diol
(HM) CAROTENE/*analogs
(II) PIGMENTS
(NO) one of 3 xanthophylls involved in evolution of plastids of green plants (oxygen evolution); 3 (violaxanthin,zeaxanthin & antheraxanthin) participate in series of photo-induced interconversions known as "violaxanthin cycle"; structure

violet No. 1 see Acid Violet 6B

violet 6B see Acid Violet 6B

viomellein
(RN) 55625-78-0
(HM) *NAPHTHOQUINONES
(II) PIGMENTS
(II) MYCTOXINS
(NO) metabolite of Penicillium viridicatum causing hepatic lesions in mice

viomycin phosphotransferase see kanamycin kinase

vipoxin
(RN) 80112-38-5
(HM) *VIPER VENOMS
(NO) small basic protein from Russell's viper venom with high affinity for biogenic amine receptors

VIP protocol
(HM) VINCRISTINE
(HM) BLEOMYCINS
(HM) IFOSFAMIDE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds; used in therapy of prostatic neoplasms

VIP receptor see vasoactive intestinal peptide receptor

viqualine see PK 5078

viral V antigens
(SY) polyoma virus capsid antigen
(HM) *ANTIGENS, VIRAL
(NO) viral capsid antigen in contrast to viral nuclear antigen (T)

viral coat protein MS2 see MS2 coat protein

viral coat protein R17 see R17 coat protein

viral envelope protein receptor
(SY) viral envelope protein receptors
(SY) receptor, viral envelope proteins
(SY) Moloney leukemia virus envelope glycoprotein gp71 receptor
(HM) *RECEPTORS, VIRUS
(II) VIRAL ENVELOPE PROTEINS

viral envelope protein receptors see viral envelope protein receptor

viral fusion glycoprotein see virus fusion proteins

viral fusion-GP see virus fusion proteins

viral gag proteins see gag viral proteins

viral large-T protein see viral T proteins

viral matrix proteins
(SY) viral M proteins
(SY) viral M protein
(SY) granulin matrix protein
(SY) M-proteins (viral)
(SY) viral membrane proteins
(HM) *VIRAL PROTEINS
(NO) do not confuse with granulin, a synonym in Chemline for diacetazotol

viral membrane proteins see viral matrix proteins

viral NS protein see NS proteins

viral G protein
(SY) G protein, viral
(SY) vesicular stomatitis virus G protein
(SY) membrane glycoprotein, vesicular stomatitis virus
(HM) *VIRAL PROTEINS
(II) VESICULAR STOMATITIS VIRUS
(II) MEMBRANE PROTEINS
(NO) spike viral glycoprotein; from vesicular-stomatitis virus

viral protein gag-mos see gag viral proteins

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viral L protein
(SY) L protein, viral
(SY) vesicular stomatitis virus L protein
(HM) *VIRAL PROTEINS
(II) VESICULAR STOMATITIS VIRUS

viral M protein see viral matrix proteins

viral N protein
(SY) N protein, viral
(SY) nucleocapsid protein, viral
(SY) vesicular stomatitis virus N protein
(SY) phage lambda N protein
(SY) nucleocapsid
(HM) *VIRAL CORE PROTEINS
(HM) *CAPSID
(II) VESICULAR STOMATITIS VIRUS
(NO) viral nucleic acid with surrounding capsid

viral proteins, genome-linked
(SY) VPg, poliovirus
(SY) genome-linked protein, VPg poliovirus
(SY) VPg, encephalomyelitis virus
(HM) *VIRAL PROTEINS
(II) POLIOVIRUS
(II) ENCEPHALOMYELITIS VIRUS, MURINE
(NO) VPg, poliovirus has 22 amino acids; amino acid sequence encoded in viral RNA within the portion of the genome that encodes the precursor for RNA polymerase; structure given in first source

viral M proteins see viral matrix proteins

viral protein, src(p21) see p21(src) viral protein

viral T proteins
(SY) polyoma viral large-T protein
(SY) polyoma virus middle T protein
(SY) polyoma virus transforming protein
(SY) viral large-T protein
(SY) VLTP
(SY) polyoma viral T protein
(SY) middle-T antigen, polyoma virus
(SY) transforming proteins, viral
(SY) simian virus 40 large T-antigen
(SY) SV40-T-antigen
(SY) simian virus 40 small T-antigen
(SY) SV40 small T-antigen
(SY) simian sarcoma virus protein
(SY) SV40 large tumor antigen
(SY) SV40 large T-antigen
(SY) SV40-TSTA
(SY) SV40-TATA
(SY) SV40 A protein
(HM) *ONCOGENE PROTEINS, VIRAL
(HM) *ANTIGENS, VIRAL, TUMOR
(II) PROTEIN KINASES
(NO) acts as initiator of viral DNA synthesis & regulator of early mRNA synthesis; has associated tyrosine specific protein kinase activity; see related record for tyrosine specific protein kinase

viral p21 ras protein see p21(src) viral protein

viral structural proteins
(SY) VP(1)
(SY) VP(2)
(SY) VP(3)
(SY) polypeptide VP1, structural
(SY) viral structural proteins VP
(HM) *VIRAL PROTEINS
(NO) see also related viral V antigens

viral structural proteins VP see viral structural proteins

viral tail proteins
(SY) protein P18 (tail sheath)
(SY) tail sheath protein P18
(SY) phage lambda tail proteins
(SY) lambda phage tail proteins
(SY) tail spike protein phage P22
(HM) *VIRAL PROTEINS
(NO) from T & lambda phages

virantmycin
(RN) 76417-04-4
(HM) *QUINOLINES
(PA) ANTIVIRAL AGENTS
(PA) ANTIBIOTICS
(NO) has potent antifungal activity & potent inhibitory activity against DNA & RNA viruses; from Streptomyces nitrosporeus No. AM-2722; structure in 2nd source

virazole 5'-phosphate see ribavirin-5'-phosphate

virenomycin
(RN) 65323-83-3
(SY) methyl-3-C-methyl-6-desoxy-beta-D-gulopyranoside
(HM) METHYLGLYCOSIDES
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) from Streptomyces virens

virginiamycin
(RN) 11006-76-1
(RR) 9040-14-6 (virginiamycin S)
(RR) 9040-13-5 (virginiamycin M)
(RR) 21411-53-0 (virginiamycin M1)
(RR) 63321-90-4 (virginiamycin M1 3H-labeled cpd)
(SY) ostreogrycin
(SY) virginiamycin M1
(SY) PA 114 A
(SY) virginiamycin factor M1
(SY) vernamycin A
(SY) virginiamycin M
(SY) vernamycin B
(SY) virginiamycin S
(SY) streptogramin B
(SY) pristinamycin IA
(HM) *VIRGINIAMYCINS
(PA) ANTIBIOTICS
(NO) RN given refers to virginiamycin

virginiamycin factor M1 see virginiamycin

virginiamycin M see virginiamycin

virginiamycin M1 see virginiamycin

virginiamycin S see virginiamycin

viridicatumtoxin
(RN) 39277-41-3
(HM) *MYCOTOXINS
(NO) isolated from cultures of Penicillium viridicatum; RN given refers to 2'alpha,7'beta,11'abeta,12'beta-(-) isomer

viridin
(RN) 3306-52-3
(RR) 58815-16-0 (viridin A)
(RR) 58815-17-1 (viridin B)
(RR) 58815-18-2 (viridin C)
(HM) *ANDROSTENES
(HM) *BACTERIOCINS
(II) STREPTOCOCCUS
(NO) bacteriocins of alpha-hemolytic streptococcal isolates; RN given refers to (1S-(1alpha,2alpha,11balpha))-isomer; RN for cpd without isomeric designation not in Chemline 7/83

viridopentaose A
(RN) 73938-74-6
(HM) OLIGOSACCHARIDES
(PA) ANTIBIOTICS
(NO) component of N-acetylsporaviridin; structure given in first source

viridopentaose B
(RN) 73793-33-6
(HM) OLIGOSACCHARIDES
(PA) ANTIBIOTICS
(NO) component of N-acetylsporaviridin; structure given in first source

viridopentaose C
(RN) 73938-73-5
(HM) OLIGOSACCHARIDES
(PA) ANTIBIOTICS
(NO) component of N-acetylsporaviridin; structure given in first source

viroidin
(RN) 53568-33-5
(HM) *PEPTIDES, CYCLIC
(II) AMANITINS
(NO) virotoxin from Amanita virosa; RN given refers to (L)-isomer; RN for cpd without isomeric designation not in Chemline 4/84; see also related record for virotoxins

viroisin
(RN) 74113-57-8
(HM) *PEPTIDES, CYCLIC
(II) AMANITINS
(NO) virotoxin from Amanita virosa; RN given refers to (3R-trans)-isomer; RN for cpd without isomeric designation not in Chemline 4/84; see also related record for virotoxins

vironil see moroxydine

virotoxins
(HM) *PEPTIDES, CYCLIC
(II) AMANITINS
(NO) monocyclic toxic peptides found in Amanita virosa mushrooms; main component viroisin; similar in structure to phallatoxins; general structure in first source; see also records for viroidin & viroisin

Viru-Merz serol see tromantadine

virus fusion glycoprotein receptors see virus fusion protein receptor

virus fusion protein receptor
(SY) receptor, virus fusion protein
(SY) virus fusion glycoprotein receptors
(HM) *RECEPTORS, VIRUS

virus fusion proteins
(SY) Sendai virus fusion protein
(SY) Paramyxovirus fusion protein
(SY) measles fusion protein
(SY) viral fusion glycoprotein
(SY) viral fusion-GP
(SY) glycoprotein, viral fusion
(SY) F protein (Sendai Virus)
(SY) F protein SV
(SY) F-glycoprotein SV
(SY) F1 polypeptide (Paramyxovirus)
(SY) fusion proteins, viral
(SY) fusion glycoprotein, viral
(SY) fusion VP1 protein
(HM) *VIRAL ENVELOPE PROTEINS
(II) GLYCOPROTEINS
(NO) actively involved in induction of membrane fusion; glycoprotein from Sendai virus

virus proteins, Semliki Forest
(SY) Semliki Forest virus proteins
(SY) SFV p62
(SY) SFV E3
(SY) SFV ns70
(SY) SFVPS
(SY) Semliki Forest virus spike glycoprotein
(SY) SFV E2
(HM) *VIRAL PROTEINS
(II) SEMLIKI FOREST VIRUS

virus structural protein p15
(SY) human T-cell leukemia virus structural protein p15
(SY) HTLV structural protein p15
(HM) *RETROVIRIDAE PROTEINS
(II) LEUKEMOGENIC VIRUSES
(II) NEOPLASM PROTEINS
(NO) complete amino acid sequence determined of low MW basic protein

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virustomycin A
(RN) 84777-85-5
(SY) AM-2604 A
(SY) AM 2604a
(SY) Antibiotic AM 2604A
(HM) *LACTONES
(PA) ANTIBIOTICS
(PA) ANTIVIRAL AGENTS
(NO) from Streptomyces sp. AM-2604; no other information available 3/83

visscor see ICI 141,292

visceralgine see tiemonium iodide

Viscogel see poly(ethylmethacrylate)

viscose fiber see rayon

viscotiol see letosteine

viscotoxin
(RN) 76822-96-3
(RR) 12583-96-9 (reduced viscotoxin A3)
(RR) 11088-20-3 (reduced viscotoxin B)
(RR) 75977-99-0 (viscotoxin IVb)
(RR) 75977-98-9 (viscotoxin III)
(RR) 75977-97-8 (viscotoxin II)
(RR) 75977-96-7 (viscotoxin I)
(SY) Viscum Album L toxin
(SY) viscumin
(SY) viscotoxins
(SY) mistletoe lectin I
(SY) viscum lectin I
(HM) *TOXINS
(II) VISCUM
(II) LECTINS
(NO) viscotoxins A2, A3, & B isolated from Viscum album L. (mistletoe)

viscotoxins see viscotoxin

Viscum Album L toxin see viscotoxin

viscumin see viscotoxin

viscum lectin I see viscotoxin

Vi-siblin
(HM) *PSYLLIUM
(PA) CATHARTICS
(II) PLANTAGO
(NO) granules from Plantago husks

Visidex
(HM) *REAGENT STRIPS
(NO) reagent strip for determination of blood glucose

Visine see tetrahydrozoline

visinin
(HM) *NERVE TISSUE PROTEINS
(II) EYE PROTEINS
(NO) MW 24,000 protein; found in chick retina & rat brain

visiodispers
(RN) 80702-91-6
(HM) *COMPOSITE RESINS
(II) DENTAL CEMENTS

viskaldix
(RN) 71789-16-7
(SY) VKB-105
(HM) *PINDOLOL
(HM) *CLOPAMIDE
(HM) DRUG COMBINATIONS
(PA) ANTIHYPERTENSIVE AGENTS
(NO) combination of above two compounds

viskazide
(HM) *PINDOLOL
(HM) *HYDROCHLOROTHIAZIDE
(HM) DRUG COMBINATIONS
(NO) combination of above 2 cpds

visnagin
(RN) 82-57-5
(HM) KHELLIN/*analogs
(PA) ANTILIPEMIC AGENTS
(NO) from Musineon divaricatum

Visotrast see urovision

vistatolon see statolon

Vita K+B see vita K+B 93

vita K+B 93
(RN) 65098-76-2
(SY) Vita K+B
(HM) *ACRYLIC RESINS
(II) COMPOSITE RESINS

vital new red
(RN) 574-65-2
(HM) *AZO COMPOUNDS
(II) DYES
(NO) RN given refers to tri-Na salt; RN for parent cpd not in Chemline 11/84

vitamin A acetate see retinol acetate

vitamin E acetate
(RN) 7695-91-2
(RR) 58-95-7 ((2R-(2R*(4R*,8R*)))-isomer)
(RR) 54165-54-7 ((2S-(2R*(4S*,8S*)))-isomer)
(RR) 52225-20-4 (((2R*(4R*,8R*))-(+-))-isomer)
(SY) alpha-tocopherol acetate
(SY) d-alpha-tocopheryl acetate
(SY) tocopheryl acetate
(SY) alpha-tocopheryl acetate
(SY) E-ferol
(HM) VITAMIN E/*analogs
(NO) RN given refers to cpd with unspecified isomeric designation

vitamin A acid ethylamide
(RN) 33631-41-3
(RR) 75686-04-3 ((13-cis)-isomer)
(SY) ethyl retinamide
(HM) TRETINOIN/*analogs
(PA) ANTINEOPLASTIC AGENTS
(NO) ethylamide of all-trans B-retinoic acid; RN given refers to cpd without isomeric designation

vitamin B12s adenosylating enzyme see cob(I)alamin adenosyltransferase

vitamin B12s adenosyltransferase see cob(I)alamin adenosyltransferase

vitamin B2 aldehyde
(RN) 59224-04-3
(SY) 7,8-dimethyl-10-(2,3,4-trihydroxy-4-formylbutyl) isoalloxazine
(SY) riboflavinal
(HM) RIBOFLAVIN/*analogs

vitamin A2
(RN) 79-80-1
(RR) 83945-89-5 ((7-cis)-isomer)
(SY) dehydroretinol
(HM) VITAMIN A/*analogs
(NO) RN given refers to cpd without isomeric designation

vitamin D3 3 beta-D-glucopyranoside
(RN) 24003-73-4
(SY) VD3G
(SY) VD3-glucopyranoside
(HM) VITAMIN D/*analogs

vitamin B12 coenzyme see cobamamide

vitamin K-dependent bone protein see osteocalcin

vitamin K dependent carboxylase see glutamyl carboxylase

vitamin K-dependent carboxylase see glutamyl carboxylase

vitamin K-dependent gamma-glutamyl carboxylase see glutamyl carboxylase

vitamin K-dependent protein S see protein S

vitamin K epoxidase
(RN) EC 1.14.99.-
(SY) vitamin K epoxide reductase
(SY) menadione epoxide reductase
(SY) vitamin K 2,3-epoxide reductase
(HM) *HYDROXYLASES
(NO) reductase is the reverse reaction of the epoxidase

vitamin K epoxide see vitamin K(1) oxide

vitamin K1 2,3-epoxide see vitamin K(1) oxide

vitamin K2-2,3-epoxide see 2,3-epoxymenaquinone

vitamin K epoxide reductase see vitamin K epoxidase

vitamin K 2,3-epoxide reductase see vitamin K epoxidase

vitamin C2 (flavan derivative)
(SY) 1-epi-3',4',5',5,7-pentahydroxyflavan-3-ol
(HM) *FLAVONES
(NO) do not confuse with vitamin C2 synonym for esculin

vitamin K1 hydroquinone
(RN) 572-96-3
(SY) reduced vitamin K
(SY) reduced vitamin K1
(SY) dihydroxyvitamin K
(HM) PHYTONADIONE/*analogs
(NO) metabolite of vitamin K1 & vitamin K1 2,3-epoxide

vitamin D-25-hydroxylase see cholecalciferol-25-hydroxylase

vitamin D3-25-hydroxylase see cholecalciferol-25-hydroxylase

vitamin K3H2 see menadiol

vitamin k5
(RN) 83-70-5
(RR) 130-24-5 (HCl)
(SY) 4-amino-2-methyl-1-naphthol
(HM) VITAMIN K/*analogs
(NO) RN given refers to parent cpd

vitamin K(1) oxide
(RN) 25486-55-9
(RR) 77-72-5 (duplicate RN)
(SY) vitamin K epoxide
(SY) phylloquinone oxide
(SY) phylloquinone epoxide
(SY) vitamin K1 2,3-epoxide
(HM) PHYTONADIONE/*analogs
(NO) RN given refers to parent cpd; see also record for 2,3-epoxymenaquinone

vitamin A palmitate see retinol palmitate

vitamin D3 palmitate
(RN) 13403-10-6
(SY) cholecalciferol palmitate
(HM) *CHOLECALCIFEROLS

vitamin P4 see troxerutin

vitamin E quinone see tocopherylquinone

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vitamin B12 receptor
(SY) vitamin B 12 receptors
(SY) receptor, vitamin B12
(SY) cyanocobalamin receptor
(SY) receptor, cyanocobalamin
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) BACTERIAL OUTER MEMBRANE PROTEINS
(NO) found in the outer membrane of E. coli; this protein is also the receptor for phage BF23, the E colicins & colicin

vitamin E receptor see alpha-tocopherol receptor

vitamin B 12 receptors see vitamin B12 receptor

vitamin E receptors see alpha-tocopherol receptor

vitamin K semiquinone radical
(RN) 27696-10-2
(HM) VITAMIN K/*analogs
(NO) found in active preparations of vitamin K-dependent carboxylase

vitamin K3 sodium bisulfite see menadione bisulfite

vitamin A stearate see retinyl stearate

vitamin E succinate
(RN) 17407-37-3
(RR) 4345-03-3 ((2R-(2R*(4R*,8R*)))-isomer)
(RR) 14638-18-7 (Ca salt)
(RR) 14464-85-8 (Ca salt(2R-(2R*(4R*,8R*)))-isomer)
(SY) alpha tocopheryl acid succinate
(SY) alpha-tocopherol succinate
(HM) VITAMIN E/*analogs
(NO) may be a potentially useful antineoplastic agent; RN given refers to parent cpd with unspecified isomeric designation

vitamin D3 sulfate see vitamin D3 sulfoconjugate

vitamin D3 sulfoconjugate
(RN) 10529-43-8
(SY) vitamin D3 sulfate
(HM) *CHOLECALCIFEROLS

vitamin B2 tetrabutyrate see riboflavin tetrabutyrate

vitamycin
(RN) 12778-25-5
(HM) *CAROTENOIDS
(II) GROWTH SUBSTANCES
(NO) carotenoid produced by acrinomycetes used as vitamin A substitute in fowl

vitan-2M see eudispert

Vitapex
(RN) 72103-20-9
(HM) *CALCIUM HYDROXIDE
(HM) *SILICONES
(HM) DRUG COMBINATIONS
(II) ROOT CANAL FILLING MATERIALS
(NO) contains calcium hydroxide 30.3%, iodoform 40.4%, silicone oil 22.4% & others 6.9%

vitelline membrane outer I protein see vitelline membrane proteins

vitelline membrane proteins
(SY) VMOI
(SY) vitelline membrane outer I protein
(HM) *EGG PROTEINS
(II) VITELLINE MEMBRANE
(II) MEMBRANE PROTEINS
(NO) found in outer layer of the vitelline membrane of eggs

vitellogenin receptor see phosvitin receptor

vitellogenin receptors see phosvitin receptor

vitexin rhamnoside
(RN) 32426-34-9
(HM) *BIOFLAVONOIDS

vitexin rhamnoside methyltransferase see S-adenosylmethionine-vitexin 2"-O-rhamnoside-7-O-methyltransferase

vitronectin see cell spreading factor

vitronectin receptor
(SY) vitronectin receptors
(SY) receptor, vitronectin
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(NO) two proteins MW 125 & 115 kDA

vitronectin receptors see vitronectin receptor

Vivadent see Isosite

VI-VI-copolymer see vinylpyrrolidone-vinylamine copolymer

Vivonex
(HM) FOOD ADDITIVES
(II) FOOD, FORMULATED
(NO) consists of specific amounts of amino acids, carbohydrates, vitamins, mineral salts & essential fats

VKB-105 see viskaldix

VK-744 see VK 744

VK 744
(RN) 33524-62-8
(RR) 31895-42-8 (di-HCl)
(SY) 2-(2-aminoethylamino)-4-morpholinothieno(3,2-d) pyrimidine dihydrochloride
(SY) VK-744
(HM) *PYRIMIDINES
(PA) ANTINEOPLASTIC AGENTS
(PA) PHOSPHODIESTERASE INHIBITORS
(NO) thieno-pyrimidine derivative with anti-platelet activity; RN given refers to parent cpd; structure

VK-774 see VK 774

VK 774
(RN) 41544-14-3
(RR) 33548-44-6 (di-HCl)
(SY) 4-morpholino-2-piperazinothieno(3,2-D) pyrimidine dihydrochloride
(SY) VK-774
(HM) *PYRIMIDINES
(NO) inhibits platelet adhesiveness; pyrimido-pyrimidine derivative; RN given refers to parent cpd; VK 774 refers to di-HCl

VLDL cholesterol see very low density lipoprotein cholesterol

VLDL receptor
(SY) very low density lipoprotein receptors
(SY) receptor, VLDL
(SY) beta-VLDL receptor
(HM) *RECEPTORS, LDL
(II) LIPOPROTEINS, VLDL

VLDL triacylglycerol see very low density lipoprotein triglyceride

VLDL triglyceride see very low density lipoprotein triglyceride

Vleminckx's solution see lime sulfur

VLTP see viral T proteins

VMBP
(SY) CABC
(HM) VINCRISTINE
(HM) METHOTREXATE
(HM) BLEOMYCINS
(HM) CISPLATIN
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

VMCIVA see vasopressin, 1-(1-mercaptocyclohexaneacetic acid-2- Ile-4-Val-8-Arg)-

VMCP
(HM) VINCRISTINE
(HM) CYCLOPHOSPHAMIDE
(HM) MELPHALAN
(HM) PREDNISONE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

VMF
(HM) VINCRISTINE
(HM) METHOTREXATE
(HM) FLUOROURACIL
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

VMI 103 see 4-aminopyridine

VMI 20-4 see 2-amino-4-picoline

VMM protocol
(HM) TENIPOSIDE
(HM) MITOMYCINS
(HM) METHOTREXATE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above 4 cpds

VMOI see vitelline membrane proteins

VMP protocol
(HM) VINCRISTINE
(HM) METHOTREXATE
(HM) CISPLATIN
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above 3 cpds; used in treatment of squamous cell carcinoma of esophagus

VMV
(HM) VINCRISTINE
(HM) METHOTREXATE
(HM) ETOPOSIDE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above 3 cpds

vocoloid see alginic acid

volcanic ash
(HM) *CARBON
(II) AIR POLLUTANTS, ENVIRONMENTAL

volgonat
(RN) 54747-73-8
(HM) *ALKYL SULFONATES

volon
(SY) volon A
(HM) *TRIAMCINOLONE ACETONIDE
(II) DERMATOLOGIC AGENTS
(II) ZINC OXIDE
(NO) dermatologic agent containing triamcinolone acetonide with zinc oxide

volon A see volon

Volonomycin see volonomycin

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volonomycin
(RN) 59794-18-2
(SY) NSC-163500
(SY) U-43,120
(SY) Antibiotic U 43120
(SY) Volonomycin
(HM) *ANTIBIOTICS
(NO) from Streptomyces paulus; member of the senfolomycin and proceomycin family

volutin
(RN) 78920-47-5
(HM) *CHROMOGENIC COMPOUNDS
(II) FUNGI/metab
(II) DYES
(II) BACTERIA/metab
(NO) stored food substance in fungi; metachromatic inclusions also in bacteria

vomitoxin see deoxynivalenol

vontrol see diphenidol

Von Willebrand antigen
(SY) Willebrand antigen
(SY) Von Willebrands antigen II
(SY) vW AgII
(SY) antigen, Von Willebrand
(HM) *ANTIGENS
(II) VON WILLEBRAND FACTOR/immunol
(NO) precipitin reaction to an adsorbed antibody raised in rabbits against human factor VIII

Von Willebrand binding site see von Willebrand factor receptor

von Willebrand factor receptor
(SY) VWF receptor
(SY) Von Willebrand binding site
(SY) von Willebrand factor receptors
(SY) receptor, von Willebrand factor
(HM) *RECEPTORS, ENDOGENOUS SUBSTANCES
(II) VON WILLEBRAND FACTOR

von Willebrand factor receptors see von Willebrand factor receptor

Von Willebrands antigen II see Von Willebrand antigen

votracon
(RN) 63307-61-9
(SY) (4-amino-N-(1-cyclohexyl-3-pyrrolidinyl)-N-methyl)benzamide.fumarate
(HM) *PYRROLIDINES
(PA) ANTIEMETICS
(NO) structure

VPA see VPD

VPAG see valproic acid glucuronide

VPA protocol
(HM) DOXORUBICIN
(HM) PODOPHYLLOTOXIN
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

VP-BBML protocol
(HM) ETOPOSIDE
(HM) CARMUSTINE
(HM) BLEOMYCINS
(HM) METHOTREXATE
(HM) CITROVORUM FACTOR
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds; used in treatment of non-Hodgkin's lymphoma

VP2 coat protein see poliovirus coat protein VP2

VPC protocol
(HM) VINBLASTINE
(HM) PROCARBAZINE
(HM) CYCLOPHOSPHAMIDE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) combination of above cpds; used in therapy of malignant melanoma

VPD
(SY) APO protocol
(SY) VPA
(HM) VINCRISTINE
(HM) PREDNISONE
(HM) DOXORUBICIN
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above 3 cpds

VPDA
(HM) VINCRISTINE
(HM) PREDNISONE
(HM) DOXORUBICIN
(HM) ASPARAGINASE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above 4 cpds

VPg, encephalomyelitis virus see viral proteins, genome-linked

VPg, poliovirus see viral proteins, genome-linked

VPg-pUpU
(HM) *OLIGORIBONUCLEOTIDES
(HM) *VIRAL PROTEINS
(NO) present in poliovirus-infected cells; pUpU is attached to VPg via a phosphodiester bond to Tyr, the third amino acid from the NH2 terminus of VPg

VP protocol
(HM) VINCRISTINE
(HM) PREDNISOLONE
(PA) ANTINEOPLASTIC AGENTS, COMBINED
(NO) chemotherapy protocol consisting of above cpds

V-8 protease see Staphylococcus V-8 protease

VP(1) see viral structural proteins

VP-143 see VP 143

VP 143
(SY) VP143
(SY) VP-143
(HM) *ANTIGENS, VIRAL, TUMOR
(II) HERPESVIRUS HOMINIS
(NO) herpesvirus antigen found in human premalignant & malignant cervical biopsies & explants; polypeptide

VP143 see VP 143

VP(2) see viral structural proteins

VP(3) see viral structural proteins

VSC-438 see methazole

VSG 117 see variant surface glycoproteins, Trypanosoma

VSG 118 see variant surface glycoproteins, Trypanosoma

VSG 221 see variant surface glycoproteins, Trypanosoma

VUFB-12018 see VUFB 12018

VUFB 12018
(RN) 65189-78-8
(SY) tropesin
(SY) indomethacin alpha-carboxyphenethyl ester
(SY) VUFB-12018
(HM) INDOMETHACIN/*analogs
(NO) structure

VUFB 13371
(SY) VUFB-13371
(SY) 3,9-diethyl-5-(2-(diethylamino)ethoxy)-6-(2-diethylamino)ethoxycarbonyl-7-oxo-7H-benzo(c) fluorene dihydrochloride
(HM) *TILORONE/analogs
(PA) ANTIVIRAL AGENTS
(PA) INTERFERON INDUCERS

VUFB-13371 see VUFB 13371

VUFB 13431
(SY) VUFB-13431
(SY) 5-(2-(diethylamino)ethoxy)-6-(2-(diethylamino) ethoxycarbonyl)-7-oxo-7H-benzo(c)fluorene dihydrochloride
(HM) *TILORONE/analogs
(PA) ANTIVIRAL AGENTS
(PA) INTERFERON INDUCERS

VUFB-13431 see VUFB 13431

VUFB-13468 see VUFB 13468

VUFB 13468
(RN) 78250-23-4
(SY) 5-(2-dimethylaminoethoxy)-7-oxo-7H-benzo(c) fluorene
(SY) benfluron
(SY) VUFB-13468
(HM) *FLUORENES
(PA) ANTINEOPLASTIC AGENTS
(NO) structure given in first source

VUFB 13763
(RN) 80[illegible]-92-7
(SY) VUFB-13763
(SY) 1-(4-methylpiperazinocarbonylmethyl)-2-pyrrolidone hydrogen maleate
(HM) *PYRROLIDINONES
(NO) nootropic drug tested on discrimination learning in rats

VUFB-13763 see VUFB 13763

VUFB 14162
(SY) VUFB-14162
(SY) 5-(2-(dimethylamino)ethoxy)-6-(2-(dimethylamino) ethoxycarbonyl)-7-oxobenzo(c)fluorenone dihydrochloride
(HM) *TILORONE/analogs
(PA) ANTIVIRAL AGENTS
(PA) INTERFERON INDUCERS

VUFB-14162 see VUFB 14162

VUFB 6638 see dironyl

VUFB 6683 see VUFB-6683

VUFB-6683
(RN) 33529-63-4
(RR) 41562-69-0 (tartrate[1:2](8beta)-isomer)
(RR) 36458-52-3 (unspecified tartrate(8beta)-isomer)
(RR) 40925-25-5 ((8alpha)-isomer)
(RR) 41292-79-9 (tartrate[1:1](8beta)-isomer)
(SY) Deprenon
(SY) D-6-methyl-8-ergolin-1-ylacetic acid amide tartrate
(SY) Ergoline-8-acetamide, 6-methyl-, (8 beta)-, (R-(R*,R*))-2,3-dihydroxybutanedioate (1:2)
(SY) VUFB 6683
(HM) *ERGOLINES
(NO) inhibitor of lactation; RN given refers to (8beta)-isomer; RN for cpd without isomeric designation not in Chemline 7/83; structure

VUFB-7477 see VUFB 7477

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VUFB 7477
(RN) 31613-93-1
(SY) Myco-Decidin
(SY) 2-aminotridecane undecylenate
(SY) VUFB-7477
(HM) *UNDECYLENIC ACIDS
(PA) ANTIFUNGAL AGENTS

VUFB 8752 see mesylphenacyrazine

VUFB 9244 see VUFB-9244

VUFB-9244
(RN) 37750-83-7
(SY) jopargin
(SY) 2-methylthio-5-(3-iodopropargyloxy)pyrimidine
(SY) jaritin
(SY) 5-((3-iodo-2-propynyl)oxy)-2-(methylthio) pyrimidine
(SY) VUFB 9244
(HM) *PYRIMIDINES
(PA) ANTIFUNGAL AGENTS
(NO) structure

VUFB-9682 see VUFB 9682

VUFB 9682
(RN) 60736-70-1
(SY) benzofac VUFB
(SY) 3-chloro-4-benzoyloxyphenylacetic acid
(SY) benzofac
(SY) benzofenac
(SY) 3-CBPAA
(SY) VUFB-9682
(HM) *PHENYLACETATES
(PA) ANTI-INFLAMMATORY AGENTS

9777 VUFB see damvar

VULM 411
(RN) 83514-04-9
(SY) VULM-411
(SY) (3-(1-cyclohexylphenoxy)-2-hydroxypropyl) isopropyldimethylammonium chloride
(HM) *PROPANOLAMINES
(PA) ANTI-ARRHYTHMIA AGENTS

VULM-411 see VULM 411

VUL-111 see exaprolol

vW AgII see Von Willebrand antigen

VWF receptor see von Willebrand factor receptor

VX
(RN) 50782-69-9
(SY) S-(2-diisopropylaminoethyl) ethylmethylphosphonothioate
(SY) O-ethyl S-(2-diisopropylaminoethyl) methylphosphonothioate
(SY) EDIM
(HM) *ORGANOTHIOPHOSPHORUS COMPOUNDS
(PA) CHOLINESTERASE INHIBITORS
(NO) irreversible phosphorylating inhibitor; structure

VX-VC-43 see VX-VC 43

VX-VC 43
(SY) 2-(3-(2-(4-aminosulfonyl)anilino-4-hydroxy-5-pyrimidinyl)ureido)-2-(4-hydroxyphenyl) acetamido)penicillanic acid
(SY) VX-VC-43
(HM) *PENICILLINS
(NO) structure given in first source

Vydate see oxamyl

VZ gp118 see glycprotein gp 118, varicella-zoster virus

VZIG see varicella-zoster immune globulin

V-111 see 4-bromomethamphetamine

V-1326 see tadenan

WAL 1307
(SY) WAL-1307
(HM) *DIBENZOXAZEPINES
(PA) RECEPTORS, SEROTONIN/antag
(NO) structure given in first source

WAL-1307 see WAL 1307

Wander-2159 see BW 458C

Wander 2159 see BW 458C

Wander 2495 see BW 458C

Wander-2495 see BW 458C

warbex see famophos

warburganal
(RN) 62994-47-2
(HM) *SESQUITERPENES
(PA) ANTIFUNGAL AGENTS
(II) ALLERGENS
(II) SULFHYDRYL REAGENTS

wasp venom antigen 5 see antigen 5 (wasp venom)

water-splitting enzyme of photosynthesis
(RN) EC 1.-
(HM) *OXIDOREDUCTASES
(NO) oxidation of water to O(2) induced by chlorophyll (a)II

Wax D
(HM) *GLYCOLIPIDS
(NO) isolated from Mycobacterium tuberculosis strain Aoyama B

WBA-7007 see mitoclomine

WBA 8119 see bromfenacoum

WB 4101 naphthodioxane see 2-((2-ethyl(2,6-dimethoxyphenoxy)amino)methyl)1,4-dioxane-(2,3-b)naphthalene

WB 3559 A
(SY) WB-3559A
(HM) *DIPEPTIDES
(PA) FIBRINOLYTIC AGENTS
(NO) structure given in first source

WB-3559A see WB 3559 A

WB 3559 B
(SY) WB-3559B
(HM) *DIPEPTIDES
(PA) FIBRINOLYTIC AGENTS
(NO) structure given in first source

WB-3559B see WB 3559 B

WB 3559 C
(SY) WB-3559C
(HM) *DIPEPTIDES
(PA) FIBRINOLYTIC AGENTS
(NO) structure given in first source

WB-3559C see WB 3559 C

WB 3559 D
(SY) WB-3559D
(HM) *DIPEPTIDES
(PA) FIBRINOLYTIC AGENTS
(NO) structure given in first source

WB-3559D see WB 3559 D

WB-4101 see WB 4101

WB 4101
(RN) 613-67-2
(RR) 2170-58-3 (HCl)
(SY) (2-(2',6'-dimethoxy)phenoxyethylamino) methylbenzodioxan.HCl
(SY) WB-4101
(SY) (2-(2',6'-dimethoxy)phenoxyethylamino) methylbenzo-1,4-dioxane
(HM) *DIOXANES
(PA) ADRENERGIC ALPHA RECEPTOR BLOCKADERS
(NO) RN given refers to parent cpd; structure

weddellite
(RN) 7236-42-2
(SY) vedelite
(HM) *CALCIUM OXALATE
(NO) calcium oxalate (stones) mineral

wellbatrin see bupropion

Wellcome 993C see 993C

VER I see VER I

Wescodyne
(RN) 8050-84-8
(HM) *POLYETHYLENE GLYCOLS
(HM) *IODOPHORS
(NO) antiplaque agents; contain polyethoxy polypropoxy polyethoxyethanol-iodine & nonylphenoxypoly(ethylenoxy)ethanol-iodine

We 1008
(RN) 71547-95-0
(SY) We-1008
(SY) 8-bromo-6-(ortho-chlorophenyl)-1-tetrahydro-4-pyranyl-4H-5-triazolo(3,4-c)thieno(2,3-e)-1,4- diazepine
(HM) *AZEPINES

We-1008 see We 1008

We-201 see We 201

We 201
(RN) 14863-27-5
(RR) 17364-18-0 (hydroxide inner salt(+-)-isomer)
(RR) 17364-17-9 (hydroxide inner salt(S)-isomer)
(RR) 17364-16-8 (hydroxide inner salt(R)-isomer)
(SY) 1-O-hexadecylpropanediol 3-phosphorylcholine
(SY) 1-palmitoylglycerol-3-phosphorylcholine
(SY) 1-palmitoyl-sn-glycerol-3-phosphorylcholine
(SY) palmitoyl lysophosphatidylcholine
(SY) We-201
(HM) *LYSOPHOSPHATIDYLCHOLINES
(NO) synthetic lysolecithin analog; RN given refers to hydroxide inner salt; RN for parent cpd not in Chemline 7/83; structure

WE-352 see triflubazam

WE 352 see triflubazam

We 941 see brotizolam

We-973 see ciclotizolam

We 973 see ciclotizolam

WF 3161
(RN) 86402-37-1
(SY) WF-3161
(HM) PEPTIDES, CYCLIC
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) from fungus Petriella guttulata; cyclic tetrapeptide consisting of phenylalanine, leucine, pipecolinic acid & 2-amino-8-oxo-9,10-epoxydecanoic acid; structure given in first source

WF-3161 see WF 3161

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WF 5239
(SY) WF-5239
(SY) N-(2-cis(4-hydroxyphenyl)ethenyl)formamide
(HM) *FORMAMIDES
(PA) FIBRINOLYTIC AGENTS
(NO) platelet aggregation inhibitor; isolated from Aspergillus fumigatus; structure in first source

WF-5239 see WF 5239

WGA-sepharose 6MB see wheat germ agglutinin-sepharose 6MB

wheat bran
(SY) bran
(HM) *DIETARY FIBER
(II) WHEAT

wheat germ agglutinin
(SY) wheat germ lectin
(SY) wheat germ agglutinin isolectin 2
(HM) *LECTINS

wheat germ agglutinin isolectin 2 see wheat germ agglutinin

wheat germ agglutinin receptor
(SY) receptor, wheat germ agglutinin
(SY) wheat germ agglutinin receptors
(HM) *RECEPTORS, MITOGEN
(II) LECTINS

wheat germ agglutinin receptors see wheat germ agglutinin receptor

wheat germ agglutinin-sepharose 6MB
(SY) WGA-sepharose 6MB
(HM) SEPHAROSE/*analogs
(II) LECTINS
(NO) wheat germ agglutinin covalently bound to sepharose 6MB

wheat germ lectin see wheat germ agglutinin

wheat germ protein kinase T-substrate see T-substrate

wheat storage protein
(SY) wheat storage proteins
(HM) *PLANT PROTEINS

wheat storage proteins see wheat storage protein

whewellite
(RN) 14488-96-1
(SY) whewhellite
(SY) vevelite
(HM) *CALCIUM OXALATE
(NO) calcium oxalate mineral

whewhellite see whewellite

whey
(RN) 68608-58-2
(SY) whey, protein-free
(HM) *LACTOSE
(II) DAIRY PRODUCTS
(NO) milk sugar solution which is left after milk proteins have been removed for production of cheese

whey acidic protein, mouse see whey acidic proteins

whey acidic protein, rat see whey acidic proteins

whey acidic proteins
(SY) mouse acidic whey protein
(SY) whey acidic protein, mouse
(SY) whey acidic protein, rat
(HM) *MILK PROTEINS

whey protein
(HM) *MILK PROTEINS
(NO) see also records for whey acidic protein, mouse & whey which is protein free

whey, protein-free see whey

white spirit see ligroin

Whitfield's Ointment
(RN) 78838-00-3
(HM) *BENZOATES
(HM) *SALICYLIC ACIDS
(HM) DRUG COMBINATIONS
(II) DERMATOLOGIC AGENTS
(NO) contains benzoic acid & salicylic acid

whitlockite
(RN) 14358-97-5
(SY) calcium-magnesium whitlockite
(SY) beta-whitlockite
(HM) *CALCIUM PHOSPHATES
(II) CERAMICS
(NO) structure

WHO-ORS see World Health Organization oral rehydration solution

WHR-1142A see lidamidine

WHR 1370A
(RN) 68657-13-6
(SY) WHR-1370A
(SY) 1-n-butoxy-3-(2,6-dimethylphenyl)carbamoyl) guanidine hydrochloride
(HM) *PHENYLUREA COMPOUNDS
(PA) ANTI-ULCER AGENTS
(NO) RN given refers to mono-HCl; RN for parent cpd not in Chemline 10/84

WHR-1370A see WHR 1370A

wikstromol see nortrachelogenin

Willebrand antigen see Von Willebrand antigen

Wilt Pruf see alpha-pinene

Win Rho see RHo(D) Immune Globulin

Win 11,530 see menoctone

Win 13 146 see teclozan

Win-17625 see azastene

Win 17,625 see azastene

Win 17,665 see topterone

Win 18446 see Win-18446

Win-18446
(RN) 1477-57-2
(SY) N,N'-bis(dichloroacetyl)-1,8-octamethylenediamine
(SY) Win 18446
(HM) *DIAMINES
(PA) SPERMATOGENESIS BLOCKING AGENTS
(II) SPERMATOGENESIS/drug eff

WIN 19578
(SY) WIN-19,578
(HM) *CYANOKETONE/analogs
(NO) cyanoketone derivative; no other information available 7/85

WIN-19,578 see WIN 19578

WIN 24,540 see trilostane

Win 27,147-2 see cyclindole

WIN-27914 see nivazol

WIN 27914 see nivazol

Win-32729 see Win 32729

Win 32,729 see Win 32729

Win 32729
(RN) 71507-79-4
(SY) 4,5-epoxy-17-hydroxy-4,17-dimethyl-3-oxoandrostane-2-carbonitrile
(SY) Win 32,729
(SY) (2alpha,4alpha,5alpha,17beta)-4,5-epoxy-17-hydroxy-4,17-dimethyl-3-oxoandrostane-2- carbonitrile
(SY) 4,17-dimethyltrilostane
(SY) Win-32729
(HM) STANOLONE/*analogs
(PA) ABORTIFACIENT AGENTS, STEROIDAL
(NO) orally active interceptive agent in rats & monkeys; preferential inhibitor of ovarian/placental steroidogenesis in primates

Win 32784 see bitolterol

Win-35,065 see Win 35,065

Win-35065 see Win 35,065

Win 35,065
(RN) 50372-80-0
(RR) 64595-62-6 (unspecified 1,5-naphthalenedisulfonate(1R-(exo,exo))-isomer)
(RR) 50373-03-0 (1,5-naphthalenedisulfonate[1:1](1S-(exo,exo))-isomer)
(RR) 50372-81-1 (HCl(1R-(2-endo,3-exo))-isomer)
(RR) 50370-54-2 ((1R-(2-endo,3-exo))-isomer
(RR) 53898-70-7 (1,5-naphthalenedisulfonate[2:1](1R-(exo,exo))-isomer)
(RR) 50583-05-6 ((1S-(exo,exo))-isomer)
(RR) 77255-09-5 (1,5-naphthalenedisulfonate[1:1](1R-(exo,exo))-isomer)
(RR) 74163-84-1 ((exo,exo)-isomer)
(RR) 74163-83-0 ((2-endo,3-exo)-isomer)
(SY) Win 35065
(SY) Win-35,065
(SY) Win-35065
(SY) Win 35,065-2
(SY) Win 35,065-3
(SY) Win 35065-2
(SY) Win 35065-3
(SY)
(1R-(exo,exo))-8-methyl-3-phenyl-8-azabicyclo(3.2.1)octane-2-carboxylic acid methyl ester
(HM) COCAINE/*analogs
(NO) RN given refers to (1R-(exo,exo))-isomer which is Win 35065-2; RN for cpd without isomeric designation not in Chemline 7/83

Win 35065 see Win 35,065

Win 35,065-2 see Win 35,065

Win 35065-2 see Win 35,065

Win 35065-3 see Win 35,065

Win 35,065-3 see Win 35,065

Win 35197-2 see ethylketocyclazocine

Win 35,213 see rosoxacin

Win 35428 see Win 35,428

Win-35428 see Win 35,428

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Win 35,428
(RN) 50370-56-4
(RR) 43021-25-6
(1,5-naphthalenedisulfonate[2:1](1R-(exo,exo))-isomer)
(RR) 64625-87-2 (unspecified 1,5-naphthalenedisulfonate(1R-(exo,exo))-isomer)
(RR) 50370-59-7 ((1S-(exo,exo))-isomer)
(RR) 50372-97-9 (1,5-naphthalenedisulfonate[1:1](1S-(exo,exo))-isomer)
(RR) 50370-57-5 ((1R-(2-endo,3-exo))-isomer)
(RR) 50372-90-2 (HCl(1R-(2-endo,3-exo))-isomer)
(RR) 50373-04-1 ((1S-(2-endo,3-exo))-isomer)
(RR) 77210-32-3 (1,5-naphthalenedisulfonate[1:1](1R-(exo,exo))-isomer)
(SY) Win-35,428
(SY) Win-35428
(SY) Win 35428
(HM) COCAINE/*analogs
(NO) RN given refers to (1R-(exo,exo))-isomer; RN for cpd without isomeric designation not in Chemline 7/83

Win-35,428 see Win 35,428

Win 35,833 see ciprofibrate

Win-38020 see arildone

Win 38020 see arildone

Win 400 14 see quinfamide

Win 40680 see amrinone

Win 41464-2 see octenidine

Win 42122-2
(RN) 74191-35-8
(SY) Win-42122-2
(SY) hydroxygentamicin
(HM) AMINOGLYCOSIDES
(PA) ANTIBIOTICS

Win-42122-2 see Win 42122-2

WIN-42156 see tonazocine

Win 42156 see tonazocine

Win-42964 see zenazocine

Win 42964 see zenazocine

Win 44,441 see Win 44441

Win 44441
(RN) 69924-29-4
(RR) 79304-43-1 (Win 44441-3)
(RR) 77844-06-5 (mesylate(2S-(2alpha,6alpha,11S))-isomer)
(RR) 71276-44-3 (mesylate(2R-(2alpha,6alpha,11S))-isomer)
(SY) Win-44441
(SY) Win 44,441
(SY) Win 44441-3
(HM) *AZOCINES
(PA) NARCOTIC ANTAGONISTS
(NO) RN given refers to (2 alpha,6 alpha,11S*)-(+-)-isomer; RN for cpd without isomeric designation not in Chemline 7/29/83

Win-44441 see Win 44441

Win 44441-3 see Win 44441

Win 47203
(RN) 78415-72-2
(SY) Win-47203
(SY) 1,6-dihydro-2-methyl-6-oxo-(3,4'-bipyridine)-5-carbonitrile
(SY) milrinone
(HM) *PYRIDONES
(PA) CARDIOTONIC AGENTS
(NO) structure & SY from UD 33:108c

Win-47203 see Win 47203

WIN-49375 see WIN 49375

WIN 49375
(RN) 86393-37-5
(SY) 6-fluoro-1-methylamino-7-(4-methylpiperazin-1-yl)-1,4-dihydroquinolin-4-one-3-carboxylic acid
(SY) WIN-49375
(SY) amifloxacin
(HM) *QUINOLINES
(PA) ANTIBIOTICS
(PA) ANTI-INFECTIVE AGENTS
(NO) structure in UD

WIN-51711 see WIN 51711

WIN 51711
(SY) 5-(7-(4-(4,5-dihydro-2-oxazolyl)phenoxy)heptyl)-3-methylisoxazole
(SY) WIN-51711
(HM) *ISOXAZOLES
(PA) ANTIVIRAL AGENTS
(NO) antipicornavirus agent; structure given in first source

Win 5563 see colterol

Win 5690 see tropacine

wironium
(RN) 64925-35-5
(HM) *CHROMIUM ALLOYS
(II) DENTAL ALLOYS
(NO) Co,Cr,Fe,Mn,Mo,Ni,Si alloy used in dental prosthesis

wisanine
(RN) 61756-56-7
(HM) *ALKALOIDS
(PA) SEDATIVES, NONBARBITURATE
(NO) from roots of Piper guineense; RN given refers to (E,E)-isomer; RN for cpd without isomeric designation not in Chemline 3/84

Wisteria floribunda lectin
(SY) wisteria lectin
(HM) *LECTINS

wisteria lectin see Wisteria floribunda lectin

witepsol
(RN) 12713-12-1
(RR) 12699-05-7 (witepsol H15)
(HM) *TRIGLYCERIDES
(II) VEHICLES
(NO) suppository base containing neutral fatty substances, mainly saturated fatty acid triglycerides

withaferin A
(RN) 5119-48-2
(SY) 5,6-epoxy-4,22,27-trihydroxy-1-oxoergosta-2,24-dienoic acid delta-lactone
(HM) ERGOSTEROL/*analogs
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(NO) isolated from leaves of Withania somnifera Dun.; structure

withanolide D
(RN) 30655-48-2
(SY) 5,6-epoxy-4,20,22-trihydroxy-1-oxoergosta-2,24-dien-26-oic acid delta-lactone
(HM) ERGOSTEROL/*analogs
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC
(NO) structure

witisol
(RN) 7420-86-2
(SY) 2-phenyl-5-methyl-benzoxazole
(HM) *BENZOXAZOLES
(II) SUNSCREENING AGENTS
(NO) sunscreen agent linked with contact dermatitis; structure given in first source

WK 30 see WK-30

WK-30
(RN) 62989-73-5
(RR) 62951-84-2 ((+-)-isomer)
(RR) 65995-40-6 (HCl(S)-isomer)
(SY) 4-leucylaminoantipyrine
(SY) L-leucine-4-antipyrinamide
(SY) WK 30
(HM) AMINOPYRINE/*analogs
(NO) RN given refers to (S)-isomer; RN for cpd without isomeric designation not in Chemline 7/83

WL 43775 see pydrin

WL 8008 see trifenmorph

WL-85871 see cypermethrin

WL 85871 see cypermethrin

wofapyrin
(RN) 8064-79-7
(RR) 8066-94-2 (pnenylbutazone Na salt)
(SY) Irgapyrin
(SY) rheumopirin
(SY) reopirin
(SY) wofapyrin-chloronitrin
(SY) pabialgin
(SY) rheopyrine
(HM) *AMINOPYRINE
(HM) *PHENYLBUTAZONE
(HM) DRUG COMBINATIONS
(NO) RN given refers to combination of aminopyrine and phenylbutazone

wofapyrin-chloronitrin see wofapyrin

Wofasteril
(RN) 8065-77-8
(HM) *ACETIC ACIDS
(HM) *PERACETIC ACID
(HM) DRUG COMBINATIONS
(II) DISINFECTANTS
(NO) 40% peracetic acid in acetic acid

wofatite Y 29 see wofatit Y 29

wofatite Y-55 see wofatit Y 55

wofatit Y 29
(RN) 72994-10-6
(SY) wofatit Y 56
(SY) ethylvinylbenzene-divinylbenzene copolymer
(SY) wofatite Y 29
(HM) *POLYVINYLS
(II) RESINS, SYNTHETIC

wofatit Y 55
(RN) 86091-39-6
(SY) ethylvinylbenzene-methacrylic acid-divinylbenzene polymer
(SY) wofatite Y-55
(HM) *POLYVINYLS
(HM) *POLYMETHACRYLIC ACIDS
(II) RESINS, SYNTHETIC

wofatit Y 56 see wofatit Y 29

Wolfgram proteins
(SY) Wolfgram protein W1
(SY) Wolfgram protein W2
(HM) *MYELIN PROTEINS
(NO) myelin proteins which are insoluble when purified myelin is extracted with 2:1 chloroform-methanol

Wolfgram protein W1 see Wolfgram proteins

Wolfgram protein W2 see Wolfgram proteins

Wollastonite see calcium silicate

Wood reagent see methylhydroxybenzimidate

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Woodward's reagent K
(RN) 4156-16-5
(SY) N-ethyl-5-phenylisoxazolium-3'-sulfonate
(HM) *ISOXAZOLES
(II) INDICATORS AND REAGENTS
(NO) reagent for rapid modification of carboxyl groups in proteins; structure

wool green S see Green S

World Health Organization oral rehydration solution
(SY) WHO-ORS
(SY) rehydration solution, oral, WHO
(HM) *SODIUM CHLORIDE
(HM) *POTASSIUM CHLORIDE
(HM) *BICARBONATES
(HM) *GLUCOSE
(II) SOLUTIONS
(II) FLUID THERAPY
(NO) solution containing sodium chloride, potassium chloride, sodium bicarbonate & glucose

wratizolin see
5-(benzoylamino)-N-(4-chlorophenyl)-3-methyl-4-isothiazolecarboxamide

Wr(b) blood group see blood group Wr

WR 1065 see WR-1065

WR-1065
(RN) 31098-42-7
(RR) 14653-77-1 (di-HCl)
(SY) N-(2-mercaptoethyl)-1,3-diaminopropane
(SY) WR 1065
(HM) *MERCAPTOETHYLAMINES
(PA) RADIATION-PROTECTIVE AGENTS
(NO) RN given refers to parent cpd; structure

WR 109342
(RN) 58319-26-9
(SY) WR-109342
(HM) ADAMANTANE/*analogs
(PA) RADIATION-SENSITIZING AGENTS

WR-109342 see WR 109342

WR-122455 see WR 122,455

WR 122455 see WR 122,455

WR 122,455
(RN) 35318-40-2
(SY) WR-122,455
(SY) WR 122455
(SY) WR-122455
(HM) *PHENANTHRENES
(PA) ANTIMALARIALS
(NO) structure

WR-122,455 see WR 122,455

WR 142,490 see mefloquine

WR-158122 see WR 158,122

WR-158,122 see WR 158,122

WR 158,122
(RN) 51123-83-2
(SY) WR 158122
(SY) WR-158,122
(SY) WR-158122
(HM) *QUINAZOLINES
(PA) ANTIMALARIALS
(NO) structure

WR 158122 see WR 158,122

WR-163577 see WR 163577

WR 163577
(SY) 1,6-bis(6-amino-2-methyl-4-quinolylamino)hexane
(SY) WR-163577
(HM) *AMINOQUINOLINES
(PA) TRYPANOCIDAL AGENTS
(II) TRYPANOSOMIASIS, AFRICAN

WR-171,669 see WR 171,669

WR 171,669
(RN) 36167-63-2
(SY) halofantrine
(SY) WR-171,669
(SY) WR-171699
(SY) WR 171699
(SY) 1-(1,3-dichloro-6-trifluoromethyl-9-phenanthryl)-3-di(n-butyl)aminopropanol HCl
(HM) *PHENANTHRENES
(PA) ANTIMALARIALS

WR 171699 see WR 171,669

WR-171699 see WR 171,669

WR 177,602 see mefloquine

WR 180409 see WR-180,409

WR 180,409 see WR-180,409

WR-180409 see WR-180,409

WR-180,409
(RN) 66364-74-7
(SY) threo-alpha-(2-piperidyl)-2-trifluoromethyl-6-(4-trifluoromethylphenyl)- 4-pyridinemethanol phosphate
(SY) WR 180,409
(SY) WR 180409
(SY) WR-180409
(SY) enpiroline
(HM) *PYRIDINES
(PA) ANTIMALARIALS
(NO) structure

WR 180872 see WR 180,872

WR-180872 see WR 180,872

WR 180,872
(RN) 60368-04-9
(SY) WR-180,872
(SY) WR 180872
(SY) WR-180872
(HM) *QUINAZOLINES
(PA) ANTIMALARIALS
(NO) acted synergistically with WR 158,122; structure

WR-180,872 see WR 180,872

WR-184806 see WR 184,806

WR-184,806 see WR 184,806

WR 184,806
(RN) 59227-74-6
(RR) 67799-17-1 (mono-HCl(+-)-isomer)
(RR) 59227-75-7 (phosphate[1:1] (+-)-isomer)
(RR) 57120-42-0 (mono-HCl)
(SY) 2,8-bis(trifluoromethyl)-4-(1-hydroxy-3-(N-tert-butylamino)propyl)quinoline
(SY) WR-184,806
(SY) WR-184806
(HM) *QUINOLINES
(NO) internal std for chromatographic anal of mefluquine; RN given refers to (+-)-isomer; RN for cpd without isomeric designation not in Chemline 11/30/83; structure given in first source

WR 194,965
(SY) WR-194,965
(HM) BUTYLATED HYDROXYTOLUENE/*analogs
(PA) ANTIMALARIALS
(NO) structure given in first source

WR-194,965 see WR 194,965

WR 225448
(RN) 80065-55-0
(SY) WR-225448
(SY) 8-((4-amino-1-methylbutyl)amino)-6-methoxy-4-methyl-5-(3-trifluoromethylphenoxy)quinoline
(HM) *AMINOQUINOLINES
(PA) ANTIMALARIALS
(NO) used as prophylaxis for Plasmodium yoelii infections; structure given in first source

WR-225448 see WR 225448

WR 228,258
(RN) 74129-03-6
(SY) WR-228,258
(SY) tebuquine
(HM) *AMINOQUINOLINES
(PA) ANTIMALARIALS
(NO) RN from USAN; RN not in Chemline 5/85; structure given in first source

WR-228,258 see WR 228,258

WR 246310 see hematoporphyrin D

WR 247188 see tetraphenylporphine sulfonate

WR 247189 see tetraphenylporphine sulfonate

WR-2822 see WR 2822

WR 2822
(RN) 20709-37-9
(SY) S-(2-((4-aminobutyl)amino)ethyl)phosphorothioate
(SY) WR-2822
(HM) *ORGANOTHIOPHOSPHORUS COMPOUNDS
(PA) RADIATION-SENSITIZING AGENTS
(NO) structure given in first source

WR 30090
(RN) 19160-62-4
(RR) 57152-63-3 (mono-HCl(-)-isomer)
(RR) 57152-62-2 (mono-HCl(+)-isomer)
(RR) 57152-52-0 ((-)-isomer)
(RR) 57152-50-8 ((+)-)
(RR) 57152-45-1 ((+-)-isomer)
(RR) 23247-61-2 (mono-HCl)
(RR) 56162-51-7 (mono-HCl(+-)-isomer)
(SY) WR-30090
(SY) alpha-(dibutylaminomethyl)-6,8-dichloro-2-(3',4'-dichlorophenyl)-4-quinolinemethanol
(HM) *QUINOLINES
(PA) ANTIMALARIALS
(NO) RN given refers to parent cpd without isomeric designation; structure

WR-30090 see WR 30090

WR 33278
(SY) WR-33278
(HM) *MERCAPTOETHYLAMINES
(PA) RADIATION-PROTECTIVE AGENTS
(NO) symmetrical disulfide of WR-1065

WR-33278 see WR 33278

WR38839 see clociguanil

WR 6026 see
8-((6-(diethylamino)hexyl)amino)-6-methoxy-4-methylquinoline

WR-6798 see diformyl dapsone

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WR-77913 see WR 77913

WR 77913
(RN) 58319-25-8
(SY) S-(3-amino-2-hydroxypropyl)phosporothioate
(SY) WR-77913
(HM) *ETHIOFOS/analogs
(PA) RADIATION-SENSITIZING AGENTS

WR 9808 see menoctone

WR-99210 see BRL 6231

WR 99210 see BRL 6231

WS-1228A
(RN) 76896-80-5
(SY) WS 1228A
(HM) *TRIAZENES
(PA) VASODILATOR AGENTS
(NO) from Streptomyces No. 1228; structure given in first source

WS 1228A see WS-1228A

WS-1228B
(RN) 76896-81-6
(SY) WS 1228B
(HM) *TRIAZENES
(PA) VASODILATOR AGENTS
(NO) from Streptomyces No. 1228; structure given in first souce

WS 1228B see WS-1228B

WS 30581 A
(RN) 93773-64-9
(SY) WS-30581A
(HM) *OXAZOLES
(PA) FIBRINOLYTIC AGENTS
(II) PLATELET AGGREGATION/drug eff
(NO) from Streptoverticillium waksmanii; structure given in first source

WS-30581A see WS 30581 A

WS 30581 B
(RN) 93773-63-8
(SY) WS-30581B
(hM) *OXAZOLES
(PA) FIBRINOLYTIC AGENTS
(II) PLATELET AGGREGATION/drug eff
(NO) from Streptoverticillium waksmanii; structure given in first source

WS-30581B see WS 30581 B

Wuchereria antigen
(SY) Wuchereria bancrofti mf ES antigen
(HM) *ANTIGENS, HELMINTH
(II) WUCHERERIA BANCROFTI
(NO) microfilarial excretory-secretory antigen of bancroftian filariasis

Wuchereria bancrofti mf ES antigen see Wuchereria antigen

wuweizisu C see schizandrin C

WW-375 see WW 375

WW 375
(SY) dye XVII
(SY) 5-(1-gamma-sodiumsulfopropyl-4(1H)-quinolylidene)-2-butenylidene-3-ethylrhodanine
(SY) WW-375
(HM) *RHODANINE/analogs
(II) DYES
(NO) membrane potential-sensitive

wybutine see wye

wye
(RN) 33359-03-4
(SY) wybutine
(SY) Y base
(SY) Yt base
(SY) 4,9-dihydro-4,6-dimethyl-9-oxo-1H-imidazo(1,2- a)purine
(HM) GUANINE/*analogs
(NO) fluorescent base isolated from Torulopsis utilis; structure

wyosine
(RN) 52662-10-9
(SY) Yt
(SY) Yt nucleoside
(SY) Y base 3-beta-D-ribofuranoside
(SY) 3-ribofuranosyl-4,9-dihydro-4,6-dimethyl-9-oxo-1H- imidazo(1,2-a)purine
(SY) Y nucleoside
(HM) GUANOSINE/*analogs
(NO) derivative of tricyclic guanine nucleus; see also record for wye (base); structure

Wy-13,876 see Wy-13876

Wy 13876 see Wy-13876

Wy-13876
(RN) 39225-26-8
(RR) 39481-06-6 (mono-HBr)
(SY) NSC 208,828
(SY) Wy-13,876
(SY) 3-(p-chlorophenyl)-2,3-dihydro-3-hydroxythiazolo(3,2-a)benzimidazole-2-acetic acid
(SY) Wy 13876
(HM) *BENZIMIDAZOLES
(PA) ANTINEOPLASTIC AGENTS
(II) ADJUVANTS, IMMUNOLOGIC
(NO) RN given refers to parent cpd; structure

Wy-14643 see Wy 14643

Wy 14643
(RN) 50892-23-4
(SY) (4-chloro-6-(2,3-xylidino)-2-pyrimidinylthio) acetic acid
(SY) CXPTA
(SY) 4-chloro-6-(2,3-xylidine)-2- pyrimidinylthioacetic acid
(SY) Wy-14643
(HM) *PYRIMIDINES
(PA) ANTICHOLESTEREMIC AGENTS
(NO) structure

Wy-15,705 see ciramadol

Wy-16,225 see dezocine

WY17186 see Wy 17186

Wy-17186 see Wy 17186

Wy 17186
(RN) 55820-86-5
(RR) 54315-73-0 ((5Z,13E,15S)-isomer)
(SY) Wy 40659
(SY) Wy-17186
(SY) WY17186
(SY) Wy-40659
(HM) *PROSTAGLANDINS E, SYNTHETIC
(II) MUSCLE CONTRACTION/*drug eff
(NO) RN given refers to (5Z,13E)-isomer & Wy 17186; RR given refers to Wy 40659

Wy 18251 see Wy-18,251

Wy 18,251 see Wy-18,251

Wy-18251 see Wy-18,251

Wy-18,251
(RN) 58433-11-7
(SY) NSC 310633
(SY) 3-(p-chlorophenyl)thiazolo(3,2-a)benzimidazole-2-acetic acid
(SY) Wy 18,251
(SY) Wy 18251
(SY) Wy-18251
(HM) *BENZIMIDAZOLES
(PA) IMMUNOSUPPRESSIVE AGENTS
(PA) ANTINEOPLASTIC AGENTS
(PA) PROSTAGLANDIN ANTAGONISTS
(NO) structure given in first source

Wy-18481 see AY 25,205

Wy 18,481 see AY 25,205

Wy-21,743 see oxaprozin

Wy 23409 see ciclazindol

Wy-25,110 see Wy 25110

Wy 25110
(RN) 53514-95-7
(SY) 4-(4-hydroxyphenyl)-2-phenyl-5-thiazoleacetic acid
(SY) Wy-25,110
(SY) 4-hydroxyphenyl fentiazac
(HM) *ACETIC ACIDS
(HM) *THIAZOLES
(PA) ANTI-INFLAMMATORY AGENTS
(NO) 4-hydroxy analog of fentiazac

Wy 25309
(RN) 82059-40-3
(SY) Wy-25309
(HM) *QUINOLIZINES
(PA) ADRENERGIC ALPHA RECEPTOR BLOCKADERS
(NO) RN given refers to trans-isomer; RN for cpd without isomeric designation not in Chemline 1/85; structure given in first source

Wy-25309 see Wy 25309

Wy-26002 see panuramine

Wy 26002 see panuramine

Wy 26392
(RN) 82059-29-8
(SY) Wy-26392
(SY) N-methyl-N-(1,3,4,6,7,11ba-hexahydro-2H-benzo(a) quinolizin-2 beta-yl)propane-1-sulfonamide
(HM) *QUINOLIZINES
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS

Wy-26392 see Wy 26392

Wy 26703
(RN) 82059-49-2
(SY) Wy-26703
(SY) N-methyl-N-(1,3,4,6,7,11ba-hexahydro-2H-benzo(a) quinolizin-2-beta-yl)butane-1-sulfonamide
(HM) *QUINOLIZINES
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS

Wy-26703 see Wy 26703

Wy-40659 see Wy 17186

Wy 40659 see Wy 17186

Wy 40793
(RN) 63122-19-0
(SY) Wy-40793
(HM) SOMATOSTATIN/*analogs
(NO) cyclic (13-4)-peptide

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Wy-40793 see Wy 40793

Wy-40905 see Wy 40905

Wy 40905
(RN) 67910-56-9
(SY) GnRH, Ala(6)-N-Me-Leu(7)-N-Et-Pro(9)-
(SY) LHrH, Ala(6)-N-Me-Leu(7)-N-Et-Pro(9)-
(SY) Wy-40905
(SY) LHRH-6-alanyl-7-N-methyl-leucyl-9-N-ethyl-proline
(SY) 6-alanyl-7-N-methyl leucyl-9-N-ethyl-proline-LHRH
(HM) LH-FSH RELEASING HORMONE
(NO) LH-FSH agonist

Wy-40972 see Wy 40972

Wy 40,972 see Wy 40972

Wy 40972
(RN) 66866-63-5
(SY) LHRH, N-Et-ProNH(2)(9)-Trp(6)-Leu(N-Me)(7)-des-GlyNH(2)(10)-
(SY) GnRH, N-Et-ProNH(2)(9)-Trp(6)-Leu(N-Me)(7)-des-GlyNH(2)(10)-
(SY) Wy-40,972F
(SY) Trp(6)-Leu(N-Me)(7)-des-GlyNH(2)(10)-LHRH ethylamide
(SY) LHRH-6-tryptophanyl-7-(N-methyl-L-leucyl)-9-N-ethylprolinamide-10-deglycinamide
(SY) Wy 40,972
(SY) Wy-40972
(HM) LH-FSH RELEASING HORMONE/*analogs
(PA) LH-FSH RELEASING HORMONE/antag

Wy-40,972F see Wy 40972

Wy 41,195 see Wy-41,195

Wy-41195 see Wy-41,195

Wy 41195 see Wy-41,195

Wy-41,195
(SY) ((2-cyano-3-(methylamino)phenyl)oxoacetate
(SY) ((2-cyano-3-(methylamino)phenyl)oxoacetic acid
(SY) ((2-cyano-3-(methylamino)phenyl)oxoacetic acid sodium salt
(SY) Wy-41195
(SY) Wy 41,195
(SY) Wy 41195
(HM) OXAMIC ACID/*analogs
(NO) orally active antiallergy agent

Wy-41747 see Wy 41747

Wy 41747
(RN) 68463-41-2
(SY) Wy-41,747
(SY) somatostatin, 1-des-Ala-2-Gly-4,5-His-8-D-Trp-
(SY) Wy-41747
(HM) SOMATOSTATIN/*analogs
(NO) combines selective inhibition of growth hormone & glucagon release

Wy-41,747 see Wy 41747

WY 41770
(RN) 4517-99-1
(SY) WY-41,770
(SY) (5H-dibenzo(a,d)cyclohepten-5-ylidene)acetic acid
(HM) *DIBENZOCYCLOHEPTENES
(HM) *ACETIC ACIDS
(PA) ANALGESICS, ANTI-INFLAMMATORY
(PA) PROSTAGLANDIN SYNTHETASE/antag
(NO) produced no gastric irritation in rats; structure

WY-41,770 see WY 41770

WY 42,186 see enkephalin, Ala(2)-ProNH(2)(5)-

WY-42,186 see enkephalin, Ala(2)-ProNH(2)(5)-

Wy-42,362 see Wy 42362

Wy 42362
(RN) 74738-24-2
(SY) Wy-42362
(SY) Wy-42,362
(SY) N-(2,6-dimethylphenyl)-N'-(3-(1-methylethylamino)propyl)urea
(HM) *PHENYLUREA COMPOUNDS
(PA) ANTI-ARRHYTHMIA AGENTS
(NO) structure given in first source

Wy-42362 see Wy 42362

WY 42896
(RN) 74604-22-1
(RR) 74604-23-2 (monoacetate salt)
(SY) Wy-42,896
(SY) N-Me-Tyr-D-Ser-Gly-N-Me-Phe-D-Ser-NH2
(HM) *OLIGOPEPTIDES
(NO) enkephalin-like activity modifies behavior in rats; RN given refers to (L-Tyr-D-Ser-Gly-L-Phe)-isomer

Wy-42,896 see WY 42896

WY 45368
(SY) WY-45,368
(SY) N-((((5-chloro-2-benzothiazolyl)thio)phenyl) acetyl)cysteine
(HM) CYSTEINE/*analogs
(PA) CLOSTRIDIOPEPTIDASE A/antag
(NO) specific inhibitor of mammalian collagenase

WY-45,368 see WY 45368

W12 see W 12

W 12
(RN) 35517-12-5
(SY) W-12
(SY) W12
(HM) *SULFONAMIDES
(PA) CALMODULIN/antag
(NO) calmodulin antagonist; W13 analog with Cl deleted from benzene ring

W-12 see W 12

W13 see N-(4-aminobutyl)-5-chloro-2-naphthalenesulfonamide

W1710L see ozothine

W-2395 see meseclazone

W 2719 see W-2719

W-2719
(RN) 15446-08-9
(SY) 4-(p-chlorophenylthio)butanol
(SY) W 2719
(HM) *ALCOHOLS, BUTYL
(PA) HISTAMINE ANTAGONISTS
(NO) non-antihistaminic drug for immediate hypersensitivity allergies

W 36095 see tocainide

W-49091 see N-methyllidocaine

W 49091 see N-methyllidocaine

W-5 see N-(6-aminohexyl)-1-naphthalenesulfonamide

W7 see W-7

W-7
(RN) 65595-90-6
(RR) 61714-27-0 (mono-HCl)
(SY) N-(6-aminohexyl)-5-chloro-1-naphthalenesulfonamide
(SY) W7
(HM) *SULFONAMIDES
(PA) VASODILATOR AGENTS
(PA) CALCIUM-DEPENDENT REGULATOR/antag
(NO) RN given refers to parent cpd; structure

W7783 see ambruticin

Xaa-Pro-dipeptidylaminopeptidase see dipeptidyl peptidase IV

XAD-2 resin see Amberlite XAD-2 resin

XAD-4 resin
(RN) 37380-42-0
(SY) amberlite XAD 4
(HM) *POLYSTYRENES
(HM) *POLYVINYLS
(II) ION EXCHANGE RESINS
(NO) stable copolymer of polystyrene and divinylbenzene used for hemoperfusin detoxification; has affinity for lipid-soluble materials

XAD-7 see amberlite XAD 7

XamI endonuclease see endodeoxyribonuclease SalI

xamoterol
(RN) 81801-12-9
(SY) 1-(4-hydroxyphenoxy)-3-[2-(4-morpholinocarboxamido)ethylamino]-2-propanol hemifumarate
(HM) *PROPANOLAMINES
(PA) ADRENERGIC BETA RECEPTOR AGONISTS
(NO) structure given in first source; RN from USAN; RN not in Chemline 6/84

xamoterol hemifumarate see ICI 118,587

xanthan see xanthan gum

xanthan gum
(RN) 11138-66-2
(SY) xanthan
(HM) *POLYSACCHARIDES, BACTERIAL
(II) FOOD ADDITIVES
(NO) a polysaccharide gum derived from Xanthomonas campestris by a pure culture fermentation process

xanthene-9-carboxylic acid
(RN) 82-07-5
(HM) *XANTHENES
(NO) degradation product of propantheline

xanthen-9-one see xanthone

xanthine
(RN) 69-89-6
(RR) 68738-87-4 (Na salt)
(RR) 23199-23-7 (8-(14)C-labeled cpd)
(HM) *XANTHINES
(NO) RN given refers to parent cpd

xanthine-guanine phosphoribosyltransferase see xanthine phosphoribosyltransferase

xanthine phosphoribosyltransferase
(RN) EC 2.4.2.22
(RR) 9023-10-3 (CRN)
(SY) xanthine-guanine phosphoribosyltransferase
(SY) guanine-xanthine phosphoribosyltransferase
(HM) *PENTOSYLTRANSFERASES

xanthobin see xanthobine

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xanthobine
(RN) 10381-82-5
(SY) 8-bromocaffeine
(SY) xanthobin
(SY) 8-caffeine bromide
(HM) CAFFEINE/*analogs
(PA) RADIATION PROTECTIVE AGENTS
(PA) RADIATION SENSITIZING AGENTS

xanthocycline see guamecycline

xanthomegnin
(RN) 1685-91-2
(SY) 3,3'-bis(2-methoxy-5-hydroxy-7-(2-hydroxypropyl) -8-carboxyl-1,4-naphthoquinone lactone)
(HM) *NAPHTHOQUINONES
(II) PIGMENTS
(II) MYCOTOXINS
(NO) pigment isolated from pathogenic fungus, Microsporum cookei; also Penicillium viridicatum; structure

xanthommatin
(RN) 521-58-4
(HM) *OXAZINES
(HM) AMINO ACIDS
(II) PIGMENTS
(NO) brown pigment of drosophila; structure

xanthomycin A see guamecycline

xanthone
(RN) 90-47-1
(SY) xanthen-9-one
(HM) *XANTHENES
(NO) structure

xanthophyll dipalmitate
(RN) 547-17-1
(SY) helenien
(SY) heleniene
(SY) xantofyle palmitate
(HM) XANTHOPHYLL/*analogs
(NO) RN given refers to (3R,3'R,6'R)-isomer; RN for cpd without isomeric designation not in Chemline 9/84

xanthosine
(RN) 146-80-5
(SY) 9 beta-D-ribofuranosylxanthine
(HM) *RIBONUCLEOSIDES
(NO) structure

xanthosine monophosphate
(RN) 523-98-8
(RR) 7199-83-9 (8-(14)C-labeled cpd)
(SY) XMP
(HM) *RIBONUCLEOTIDES
(NO) RN given refers to unlabeled parent cpd

xanthothricin see toxoflavin

xanthurenic acid
(RN) 59-00-7
(SY) 8-hydroxykynurenic acid
(HM) *XANTHURENATES

xanthurenic acid 8-O-beta-D-glucoside see xanthurenic acid 8-O-glucoside

xanthurenic acid 8-O-glucoside
(SY) xanthurenic acid 8-O-beta-D-glucoside
(SY) cardinalic acid
(HM) *XANTHURENATES
(NO) novel tryptophan metabolite in eye-color mutants of Drosophila

xanthurenic acid 8-methyl ether
(RN) 2929-14-8
(SY) 8-methoxyxanthurenic acid
(SY) 8-methyl ether of xanthurenic acid
(HM) *XANTHURENATES

xanthylallantoin
(RN) 87980-02-7
(HM) ALLANTOIN/*analogs
(NO) allantoin derivative for nanomole level chromatographic detection in plasma; structure given in first source

xantofyle palmitate see xanthophyll dipalmitate

XbaI endonuclease see endodeoxyribonuclease XBAI

XC386 see XC 386

XC 386
(RN) 5203-98-5
(SY) XC-386
(SY) XC386
(SY) 3,4-dimethylpyrano(3,2-c)pyrazol-6-one
(HM) *PYRAZOLES
(PA) ANALGESICS, ANTI-INFLAMMATORY
(II) PLATELET AGGREGATION/drug eff
(NO) structure given in first source

XC-386 see XC 386

xenogenic oncofetal antigen see oncofetal antigens

xenopsin
(RN) 51827-01-1
(SY) Glu-Gly-Lys-Arg-Pro-Trp-Ile-Leu
(SY) glutamyl-glycyl-lysyl-arginyl-prolyl-tryptophanyl-isoleucyl-leucyl
(HM) *OLIGOPEPTIDES
(NO) peptide containing 8 amino acids from Xenopus laevis

xeroform see bismuth tribromophenate

Xero-Lube see VA-OraLube

xerumenex see triethanolamine polypeptide oleate condensate

X-gal see 5-bromo-4-chloro-3-indoxyl beta-galactoside

Xg BGA see Xg blood group antigen

Xg blood group antigen
(SY) Xg BGA
(HM) *BLOOD GROUPS
(NO) relevant genes carried on the X chromosome only

xibenolol see D-32

xibornol
(RN) 13741-18-9
(SY) nanbacine
(SY) bactacine
(SY) 6-isobornyl-3,4-xylenol
(SY) Bracen
(HM) *BORNANES
(PA) ANTI-INFECTIVE AGENTS
(NO) structure

xilamon see 1-chloronaphthalene

Xis protein see gene proteins, viral

XK-213 see echinosporin

XK-62-2 see micronomicin

XmaI restriction endonuclease see endodeoxyribonuclease XmaI

XM-50 Amicon hollow fibers see XM-50 Amicon

XM-50 Amicon
(RN) 55963-89-8
(SY) XM-50 Amicon hollow fibers
(SY) Amicon XM 50
(HM) *POLYVINYL CHLORIDE
(HM) *ACRYLIC RESINS
(NO) used for study of mammalian pituitary cell in vivo and in vitro; consists of a thin anisotropic diaflo membrane with controlled pore size & a thicker spongy layer of the same polymer (polyvinyl chloride-acrylic copolymer) with increasingly larger openings

Xma I endonuclease see endodeoxyribonuclease XmnI

XmaI endonuclease see endodeoxyribonuclease XmnI

XMP see xanthosine monophosphate

XM1 protein
(SY) B-cell specific protein XM1
(SY) B-lymphocyte-specific high turnover protein
(SY) glycoprotein p31
(SY) HLA-DR associated protein
(HM) *PROTEINS
(II) MYELOMA PROTEINS
(II) B LYMPHOCYTES
(II) GLYCOPROTEINS
(II) MEMBRANE PROTEINS
(NO) most prominent inducible protein in myeloma cells synthesized at high rate in resting B lymphocytes; not detectable in thymic or splenic T lymphocytes

XOF antigen see oncofetal antigens

xonotlite see calcium silicate

xorphanol mesylate see N-(cyclobutylmethyl)-8 beta-methyl-6- methylenemorphinan-3-ol

X-prep
(RN) 57828-25-8
(HM) *ANTHRAQUINONES
(PA) CATHARTICS
(II) SENNA
(NO) preparation given to clean out colon prior to barium enema; no other information available 5/19/81; additional information 6/30/82: Senna extract containing sennoside A&B

X-prolyl aminopeptidase see aminopeptidase P

X-prolyl-dipeptidylaminopeptidase see dipeptidyl peptidase IV

X-Protein, muscle
(SY) myofibrillar X-protein
(HM) *MUSCLE PROTEINS
(NO) MW 152,000; protein occurs at high levels in red fibres

X proteins (genes) see gene proteins, viral

X-ray endonuclease endonuclease III see endodeoxyribonuclease (pyrimidine dimer)

XTL-51 see XTL 51

XTL 51
(RN) 91147-86-3
(SY) 4,4-bis(acetylsarcosyl)synestrol
(SY) XTL-51
(HM) HEXESTROL/*analogs
(PA) ALKYLATING AGENTS

X-TractElute see phenyltrimethylammonium

xylachlor
(RN) 63114-77-2
(SY) AC 206784
(SY) AC-206,784
(SY) 2-chloro-N-(2,3-dimethylphenyl)-N-(1-methylethyl)acetamide
(HM) *ACETANILIDES
(PA) HERBICIDES

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xylamidine tosylate
(RN) 6443-40-9
(SY) N-(2-(3-methoxyphenoxy)propyl)-m-tolylacetamidine tosylate
(HM) *AMIDINES
(PA) SEROTONIN ANTAGONISTS
(NO) structure

xylamine
(RN) 78686-02-9
(SY) N-2-chloroethyl-N-ethyl-2-methylbenzylamine
(HM) *NITROGEN MUSTARD COMPOUNDS
(NO) irreversibly inhibits norepinephrine accumulation by rabbit aortic rings in vitro; UD & journal source given agree on structure of cpd; Negwer calls it the bis(2-chloroethyl) cpd

xylamit
(RN) 70645-04-4
(RR) 39394-28-0 (cpd with unknown MF)
(HM) PARAFFIN/*analogs
(HM) *CHLOROPHENOLS
(HM) *NAPHTHALENES
(NO) used as a wood preservative; consists of pentachlorophenol mixed with chlorinated paraffin oils and 1-chloronaphthalene; RN given refers to xylamit distilled

xylamon see 1-chloronaphthalene

xylanase see endo-1,3-beta-xylanase

xylan synthase see 1,4-beta-D-xylan synthase

o-xylene see 2-xylene

m-xylene see 3-xylene

p-xylene see 4-xylene

xylene brilliant cyanine G see coomassie Brilliant Blue

1,2-xylene see 2-xylene

2-xylene
(RN) 95-47-6
(RR) 1330-20-7 (cpd with unspecified methyl locants)
(SY) 1,2-xylene
(SY) 1,2-dimethylbenzene
(SY) ortho-xylene
(SY) o-xylene
(SY) o-xylol
(HM) *XYLENES
(NO) RN given refers to parent cpd

3-xylene
(RN) 108-38-3
(SY) m-xylene
(SY) meta-xylene
(SY) m-xylol
(HM) *XYLENES

4-xylene
(RN) 106-42-3
(SY) p-xylene
(SY) para-xylene
(SY) p-xylol
(HM) *XYLENES

xylenol see 3,5-xylenol

3,5-xylenol methylhydroxylase
(RN) EC 1.13.-
(HM) *HYDROXYLASES
(NO) requires NADH

xylenol orange
(RN) 1611-35-4
(HM) *XYLENES
(II) FLUORESCENT DYES
(NO) carboxylate anion which exhibits characteristic visible spectrum when attached to a metal

2,6-xylenol
(RN) 576-26-1
(SY) 2,6-dimethylphenol
(HM) *XYLENES

3,5-xylenol
(RN) 108-68-9
(RR) 1300-71-6 (cpd with unspecified methyl locants)
(SY) xylenol
(SY) 3,5-dimethylphenol
(HM) *XYLENES
(NO) RN given refers to 3,5-isomer

2,4-xylidine
(RN) 95-68-1
(RR) 21436-96-4 (HCl)
(HM) *ANILINE COMPOUNDS
(NO) RN given refers to parent cpd; structure

2-(2,6-xylidino)-2-oxazoline see LD 2855

xylidyl blue I
(RN) 36505-52-9
(HM) *AZO COMPOUNDS
(II) DYES
(NO) RN from Chem Abstracts Index Guide 1984; RN not in Chemline 5/84

xylitol dehydrogenase see D-xylulose reductase

xylitol phosphotransferase system see phosphoenolpyruvate-xylitol phosphotransferase

xylitol PTase see phosphoenolpyruvate-xylitol phosphotransferase

xyloA see 9-xylosyladenine

xyloadenosine analog (A2'p)(2)A see xylo 2-5A core

D-xylo-aldonate dehydratase
(RN) EC 4.2.1.-
(SY) D-xylonate dehydratase
(HM) *HYDRO-LYASES
(NO) forms 2-keto-3-deoxy-D-xylonate (D-pentulosonic acid)

xylo-ATP see 9-beta-xylofuranosyladenine 5'-triphosphate

(xyloA2'p)(2)xyloA see xylo 2-5A core

(xyloA)3 see (2'-5')-9-xylofuranosyladenine trimer

xylobiose
(RN) 6860-47-5
(RR) 552-71-6 (beta-D-xylose)
(HM) *DISACCHARIDES
(NO) RN given refers to D-xylose

xylocholine
(RN) 669-50-1
(RR) 669-49-8 (bromide)
(RR) 32807-99-1 (iodide)
(RR) 23113-17-9 (chloride)
(SY) N,N,N-trimethyl-(2-(2,6-xylyloxy)ethyl)ammonium
(SY) xylocholine ether
(SY) beta-TM-10
(HM) CHOLINE/*analogs
(PA) VASODILATOR AGENTS
(NO) RN given refers to parent cpd; see also record for methylxylocholine (RN 363-42-8); structure

xylocholine ether see xylocholine

xylo 2-5A core
(RN) 81371-57-5
(SY) (xyloA2'p)(2)xyloA
(SY) xyloadenosine analog (A2'p)(2)A
(HM) *ADENINE NUCLEOTIDES
(HM) *OLIGONUCLEOTIDES
(PA) ANTIVIRAL AGENTS
(NO) inhibits replication of herpes simplex virus 1 & 2

(2'-5')-9-xylofuranosyladenine trimer
(SY) (xyloA)3
(SY) 2'-5'-9 beta-D-xylofuranosyladenine trimer
(HM) ADENOSINE/*analogs
(PA) ANTIVIRAL AGENTS
(II) POLYMERS
(II) HERPES SIMPLEX VIRUS

xyloglucan
(RN) 37294-28-3
(SY) glucoxylan
(HM) *POLYSACCHARIDES

o-xylol see 2-xylene

m-xylol see 3-xylene

p-xylol see 4-xylene

xylometazoline
(RN) 526-36-3
(RR) 1218-35-5 (mono-HCl)
(RR) 28096-10-8 (unspecified HCl)
(SY) 2-(4'-tert-butyl-2',6'-dimethylphenylmethyl) imidazoline
(SY) otrivin
(HM) *IMIDAZOLES
(PA) ADRENERGIC ALPHA RECEPTOR AGONISTS
(NO) RN given refers to parent cpd; structure

D-xylonate dehydratase see D-xylo-aldonate dehydratase

xylonidine
(RN) 4859-06-7
(RR) 4869-97-0 (mono-HCl)
(SY) 2-(2,6-xylylimino)imidazoline
(SY) 2-(2,6-dimethylanilino)-2-imidazoline
(HM) *IMIDAZOLES
(NO) forced molting agent; RN given refers to parent cpd; structure given in first source

xylopercha
(HM) *XYLENES
(HM) *GUTTA PERCHA
(II) ROOT CANAL FILLING MATERIALS
(NO) consists of xylol in the form of xylopercha

xylose-binding protein
(SY) periplasmic D-xylose-binding protein
(SY) xylose-H+ symport
(HM) *CARRIER PROTEINS
(II) XYLOSE
(NO) from E. coli; purified & characterized; MW 37,000

D-xylose dehydrogenase
(RN) EC 1.1.1.175
(SY) xylose dehydrogenase-1
(HM) *ALCOHOL OXIDOREDUCTASES

xylose dehydrogenase-1 see D-xylose dehydrogenase

xylose isomerase
(RN) EC 5.3.1.5
(RR) 9023-82-9 (CRN)
(SY) glucose isomerase
(SY) D-acidic-ketolysoisomerase
(HM) *CARBOHYDRATE ISOMERASES

xylose-H+ symport see xylose-binding protein

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xylosides
(SY) beta-D-xyloside
(HM) *GLYCOSIDES

9-xylosyladenine
(RN) 4185-03-9
(RR) 28361-05-9 (((9alpha)-(L))-isomer)
(SY) 9 beta-D-xylofuranosyladenine
(SY) xylosyladenosine
(SY) xyloA
(SY) 9 beta-D-xylosyladenine
(HM) ADENOSINE/*analogs
(NO) RN given refers to cpd with unspecified isomeric designation; structure in first source

xylosyladenosine see 9-xylosyladenine

p-(xylosylamino)benzoic acid see 4-aminobenzoic acid-N-xyloside

xylosyl-ATP see 9-beta-xylofuranosyladenine 5'-triphosphate

xylosylfructoside
(SY) O-alpha-D-Xyl-(1-2)-beta-D-Fru
(HM) *DISACCHARIDES

xylosyltransferase see UDP xylose-protein xylosyltransferase

xylulokinase
(RN) EC 2.7.1.-
(SY) D-xylulokinase
(HM) *PHOSPHOTRANSFERASES, ATP

D-xylulokinase see xylulokinase

xylulose-5-phosphate
(RN) 60802-29-1
(RR) 4212-65-1 ((D)-isomer)
(SY) D-xylulose-5-phosphate
(HM) *PENTOSEPHOSPHATES
(NO) RN given refers to cpd with unspecified isomeric designation

D-xylulose-5-phosphate see xylulose-5-phosphate

D-xylulose reductase
(RN) EC 1.1.1.9
(SY) xylitol dehydrogenase
(HM) *SUGAR ALCOHOL DEHYDROGENASES

L-xylulose reductase
(RN) EC 1.1.1.10
(HM) *SUGAR ALCOHOL DEHYDROGENASES

1-(2,4-xylylazo)-2-naphthol-3,6-disulfonic acid disodium salt see ponceau MX

N,N'-4-xylylenebis(pyridinium bromide) see N,N'-4-xylylenebis(pyridinium)

N,N'-4-xylylenebis(pyridinium)
(RN) 14208-10-7
(SY) N,N'-4-xylylenebis(pyridinium bromide)
(SY) 4-DPX
(HM) *PYRIDINIUM COMPOUNDS
(NO) RN given from first source; RN not in Chemline 10/85

2-(2,6-xylylimino)imidazoline see xylonidine

N'-(2,4-xylyl)-N-methylformamidine see U-40481

X-14547A see X-14547-A

X 14547A see X-14547-A

X-14547-A
(RN) 66513-28-8
(SY) X 14547-A
(SY) X 14547A
(SY) X-14547A
(HM) *INDENES
(PA) ANTIBIOTICS
(II) IONOPHORES
(NO) structure

X 14547-A see X-14547-A

X 14667A see X-14667A

X-14667A
(RN) 75761-62-5
(SY) antibiotic X-14667A
(SY) X 14667A
(HM) *MONENSIN/analogs
(PA) ANTIBIOTICS
(II) IONOPHORES
(NO) has phenylurethane moiety at C-26; structure given in first source

X 14667B see X-14667B

X-14667B
(RN) 75761-61-4
(SY) antibiotic X-14667B
(SY) X 14667B
(HM) *MONENSIN/analogs
(PA) ANTIBIOTICS
(II) IONOPHORES
(NO) has phenylurethane moiety at C-26; structure given in first source

X 14868A
(RN) 79356-08-4
(SY) X-14868A
(HM) PYRANS
(PA) ANTIBIOTICS
(NO) polyether antibiotic produced by Nocardia

X-14868A see X 14868A

X-14885A see X 14885A

X 14885A
(RN) 83917-57-1
(SY) NRRL 12350
(SY) X-14885A
(SY) NRRL-12350
(SY) antibiotic X 14885A
(HM) PYRANS
(PA) ANTIBIOTICS
(II) IONOPHORES
(NO) divalent cation ionophore produced by Streptomyces; structure in first source

X-14931A see antibiotic X 14931A

X-14952B see antibiotic X 14952B

X 14952B see antibiotic X 14952B

X 2616
(SY) X-2616
(SY) glucose polymer mixture X-2616
(HM) *POLYSACCHARIDES
(NO) mixture of maltotriose & higher order glucose polymers

X-2616 see X 2616

X-5079C see saramycetin

Y acceptor protein see Y protein

yakuchinone-A
(RN) 78954-23-1
(SY) 1-(4'-hydroxy-3'-methoxyphenyl)-7-phenyl-3-heptanone
(HM) GUAIACOL/*analogs
(PA) CARDIOTONIC AGENTS
(II) PLANTS, MEDICINAL
(NO) from Alpinia oxyphylla; structure given in first source

YAU-17
(RN) 60036-90-0
(RR) 59080-50-1 ((trans)-isomer)
(RR) 39787-47-8 ((cis)-isomer)
(RR) 58782-71-1 (HCl((trans)-(+-))-isomer)
(RR) 58782-65-3 (HCl((cis)-(+-))-isomer)
(RR) 39787-50-3 (HCl(1S-cis)-isomer)
(RR) 39787-49-0 (HCl(1R-cis)-isomer)
(SY) dl-cis-1-benzoyloxy-2-dimethylamino-1,2,3,4-tetrahydronaphthalene
(HM) *TETRAHYDRONAPHTHALENES
(PA) ANESTHETICS, LOCAL
(NO) RN given refers to ((cis)-(+-))-isomer; RN for cpd without isomeric designation not in Chemline 7/83; structure

yazumycin A see streptothricin F

yazumycin C see streptothricin E

Y base see wye

Y base 3-beta-D-ribofuranoside see wyosine

YB-2 see indenolol

YC-93 see nicardipine

yeast alanine tRNA see tRNA, alanine-

yeast alcohol dehydrogenase see alcohol dehydrogenase

yeast killer factor see killer factor, yeast

yeast killer toxin see killer factor, yeast

yeast mitochondrial outer membrane protein
(SY) mitochondrial outer membrane protein, yeast
(SY) OMP 70
(HM) *FUNGAL PROTEINS
(II) MEMBRANE PROTEINS
(II) MITOCHONDRIA
(II) SACCHAROMYCES CEREVISIAE
(NO) 70-kd protein

yeast protease B see yeast proteinase B

yeast proteinase B
(RN) EC 3.4.22.9
(RR) 37288-81-6 (CRN)
(SY) proteinase B
(SY) yeast protease B
(HM) *PEPTIDE PEPTIDOHYDROLASES

yeast proteinase B inhibitor
(SY) yeast proteinase B inhibitor 2
(SY) proteinase B inhibitor IB3
(SY) proteinase B inhibitor (yeast)
(HM) *GLYCOPROTEINS
(PA) PROTEASE INHIBITORS

yeast proteinase B inhibitor 2 see yeast proteinase B inhibitor

yeast ribosomal protein L3 see ribosomal protein L3

yeast tRNA(Ala) see tRNA, alanine-

D&C yellow 11 dye see D.C. Yellow dye No. 11

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D.C. Yellow dye No. 11
(RN) 8003-22-3
(SY) quinoline yellow dye 11
(SY) D&C yellow 11 dye
(SY) DC yellow 11
(SY) solvent yellow 33
(HM) *QUINOLINES
(II) DYES
(NO) causes contact dermititis

D.C. Yellow No. 10 see C.I. acid yellow 3

D&C Yellow No 10 see C.I. acid yellow 3

yellow OB
(RN) 131-79-3
(SY) 1-(2-methylphenyl)azo)-2-naphthylamine
(HM) *AZO COMPOUNDS
(PA) CARCINOGENS
(PA) MUTAGENS

D Yellow 3 see Dispersion Yellow 3

Yermonil (CIBA) see Ministat

yersiniose
(RN) 89367-91-9
(SY) 3,6-dideoxy-4-C-(D-glycero-1-hydroxyethyl)-D-xylo-hexose
(HM) *HEXOSES
(NO) component of the O-specific side-chain polysaccharide from the lipopolysaccharide of Yersinia pseudotuberculosis VI serovar; not detected in lipopolysaccharide of Y. pseudotuberculosis I-V serovars

YGGFMRF see enkephalin-Met, Arg(6)-Phe(7)-

YGGFMRF amide see enkephalin-Met, Arg(6)-PheNH(2)(7)-

YG 19-256
(RN) 46971-49-7
(SY) YG-19-256
(HM) *PYRIDINES
(PA) TRANQUILIZING AGENTS
(NO) structure

YG-19-256 see YG 19-256

Yiqi-Huoxue
(HM) *PLANT EXTRACTS
(PA) PARASYMPATHOLYTICS
(II) PLANTS, MEDICINAL
(NO) extract from six Chinese herbs

YL-704 A1
(RN) 40615-47-2
(SY) YL 704 A1
(HM) *LEUCOMYCINS
(NO) major component of macrolide antibiotic complex YL-704 isolated from Streptomyces platensis subsp. malvinus; structure

YL 704 A1 see YL-704 A1

YM 08054-1 see indeloxazine

YM-08054-1 see indeloxazine

YM 09151-2 see YM-09151-2

YM-09151-2
(RN) 70325-83-6
(SY) cis-N-(1-benzyl-2-methylpyrrolidin-3-yl)-5-chloro-2-methoxy-4-methylaminobenzamide
(SY) YM 09151-2
(HM) *BENZAMIDES
(PA) TRANQUILIZING AGENTS, MAJOR
(NO) RN & N1 from CA Vol 90 Form Index; cpd not in Chemline 7/83; structure in first source

YM-09330 see cefotetan

YM 09330 see cefotetan

YM 09538 see YM-09538

YM-09538
(RN) 70958-86-0
(SY) 5-(1-hydroxy-2-((2-(2-methoxyphenoxy)ethyl) amino)ethyl)-2-methylbenzenesulfonamide
(SY) YM 09538
(SY) amosulalol
(HM) *ETHANOLAMINES
(PA) ADRENERGIC ALPHA RECEPTOR BLOCKADERS
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS
(PA) ANTIHYPERTENSIVE AGENTS
(NO) RN given is for mono-HCl; RN for parent cpd not in Chemline 7/83; structure given in first source

YM 11170 see famotidine

YM-11170 see famotidine

YM 12617
(RN) 94666-07-6
(SY) YM-12617
(SY) 5-(2-((2-ethoxyphenoxy)ethyl)amino)propyl)-2-methoxybenzenesulfonamide
(HM) *SULFONAMIDES
(PA) ADRENERGIC ALPHA RECEPTOR BLOCKADERS
(NO) RN given refers to HCl salt; RN from Toxline; RN not in Chemline 5/85; structure given in first source

YM-12617 see YM 12617

YM 13115
(RN) 92071-93-7
(SY) YM-13115
(HM) *CEPHALOSPORINS
(NO) structure in first source

YM-13115 see YM 13115

YM 95831
(RN) 85213-92-9
(SY) YM-95831
(SY) 4-(4-menthan-8-yloxy)benzanilide
(SY) 4-(cis-p-menthan-8-yloxy)benzanilide
(SY) 4-(cis-4-menthan-8-yloxy)benzanilide
(HM) *ANILIDES
(PA) ANTILIPEMIC AGENTS
(NO) structure given in first source

YM-95831 see YM 95831

YN emulsifier
(RN) 55965-13-4
(SY) emulsifier YN
(HM) *PHOSPHATIDIC ACIDS
(HM) *TRIGLYCERIDES
(II) SURFACE-ACTIVE AGENTS
(II) EMULSIONS
(NO) emulsifier & viscosity reducing agent in chocolate manuf; a mixture of ammonium salts of phosphatidic acids & triglycerides from rapeseed oil

Y nucleoside see wyosine

Yogaraj-guggulu see guggulu extract

yolk proteins see egg yolk proteins

Yolk sac antigen-2 see stage-specific embryonic antigen

yoshi 864 see improsan

Young's cardioplegic solution
(SY) Young's solution
(HM) *NEOSTIGMINE
(HM) *MAGNESIUM SULFATE
(HM) *CITRATES
(HM) *POTASSIUM
(II) HEART ARREST, INDUCED
(NO) contains 0.8% potassium citrate, 2.46% magnesium sulfate & neostigmine

Young's solution see Young's cardioplegic solution

ypenyl see thyminalkylamine

YPG 209 see YPG-209

YPG-209
(RN) 61218-31-3
(RR) 61188-97-4 ((5Z,11alpha,13E,15S)-isomer)
(RR) 64813-49-6 ((5Z,11allpha,13E,15R,16S)-isomer)
(SY) 16(S)-methyl-20-methoxy-PGE2
(SY) 16(S)-methyl-20-methoxyprostaglandin E2
(SY) 16-methyl-20-methoxy-PGE2
(SY) YPG 209
(HM) *PROSTAGLANDINS E, SYNTHETIC
(NO) has strong inhibitory effect on IgE(mouse)-mediated passive cutaneous anaphylaxis; RN given refers to (5Z,11alpha,13E,15S,16S)-isomer; RN for cpd without isomeric designation not in Chemline 7/83

Y protein
(SY) Y acceptor protein
(HM) *CARRIER PROTEINS
(NO) hepatic acceptor protein separated by Sephadex G 75 gel filtration from Z protein

YP 279 see YP-279

YP-279
(RN) 53562-97-3
(SY) 5-dimethyldithiocarbamylpicolinic acid
(SY) YP 279
(HM) *PICOLINIC ACIDS
(PA) DOPAMINE BETA HYDROXYLASE/antag

Y73 sarcoma virus transforming protein pp90 (yes) see phosphoprotein pp90 (yes)

YS 035
(RN) 33978-72-2
(SY) YS-035
(SY) N,N-bis(3,4-dimethoxyphenethyl)-N-methylamine
(HM) *PHENETHYLAMINES
(PA) CALCIUM CHANNEL BLOCKERS
(NO) structure given in first source

YS-035 see YS 035

YS-980 see YS 980

YS 980
(RN) 67714-46-9
(SY) (4R)-3-((2S)-3-mercapto-2-methylpropanoyl)-4-thiazolidinecarboxylic acid
(SY) YS-980
(HM) *3-MERCAPTOPROPIONIC ACID/analogs
(PA) KININASE II/antag

Yt see wyosine

Yt base see wye

Yt nucleoside see wyosine

YTR 830
(RN) 93528-38-2
(SY) YTR-830
(HM) *PENICILLANIC ACIDS
(PA) BETA LACTAMASES/antag
(NO) structure given in first source

YTR-830 see YTR 830

ytterbium chloride see ytterbium trichloride

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ytterbium trichloride
(RN) 10361-91-8
(RR) 56395-46-1 (169Yb-labeled cpd)
(SY) ytterbium chloride
(HM) *YTTERBIUM
(HM) *CHLORIDES
(NO) RN given refers to unlabeled cpd

yttrium citrate
(RN) 63938-20-5
(SY) yttrium-90 citrate
(HM) *YTTRIUM
(HM) *CITRATES
(II) YTTRIUM RADIOISOTOPES
(NO) RN given refers to unlabeled tri-Na salt; RN for yttrium-90 citrate not in Chemline 8/85

yttrium-90 citrate see yttrium citrate

yttrium oxide sulfide
(RN) 12340-04-4
(RR) 11099-13-1 (cpd with unknown MF)
(SY) yttrium oxysulfide
(HM) *YTTRIUM
(NO) used as filter in computed tomography; RN given refers to cpd with MF Y2O2S

yttrium oxysulfide see yttrium oxide sulfide

yttrium silicate
(RN) 39318-36-0
(RR) 12027-88-2 ([H6SiO5] Y(+3) salt)
(SY) yttrium-90 silicate
(HM) *YTTRIUM
(HM) *SILICIC ACID
(II) YTTRIUM RADIOISOTOPES
(NO) RN given refers to cpd with unknown MF

yttrium-90 silicate see yttrium silicate

Y-T0678H see Y T0678H

Y T0678H
(RN) 86004-57-1
(SY) YT 0678H
(SY) 6-hydroxy-3-oxo-1,2-benzisoxazolin
(SY) Y-T0678H
(SY) 3,6-dihydroxyindoxazene
(HM) OXAZOLES
(PA) ANTIBIOTICS
(NO) from Chromobacterium violaceum; structure given in first source

YT 0678H see Y T0678H

Yuanhuacin
(RN) 66673-22-1
(SY) yuanhuacine
(HM) *DITERPENES
(PA) ABORTIFACIENT AGENTS, NON-STEROIDAL
(PA) ANTINEOPLASTIC AGENTS, PHYTOGENIC

yuanhuacine see Yuanhuacin

yuanhuadine
(RN) 76402-66-9
(HM) *TERPENES
(PA) ABORTIFACIENT AGENTS
(II) PLANTS, MEDICINAL

yutac
(RN) 89194-77-4
(RR) 89367-99-7 (di-HCl)
(SY) 3-methyl-7-ethyl-9-alpha-ol-(4-chlorobenzoyloxy) -3,7-diazabicyclo(3.3.1)nonane HCl
(HM) *BICYCLO COMPOUNDS
(PA) ANTI-ARRHYTHMIA AGENTS
(NO) RN given refers to parent cpd; structure given in first source

Y 12,141 see traxanox

Y-12,141 see traxanox

Y 12141 see traxanox

Y-12141 see traxanox

Y-12278 see bactobolin

Y 12278 see bactobolin

Y 18598 see Y-18598

Y-18598
(SY) 4,4'-(3,7,12,16-tetramethyl-1,3,5,7,9,11,13,15, 17,-octadecanonaen-1,18-diyl)bis(1- ethylpyridium) dibromide
(SY) Y 18598
(HM) *CAROTENOIDS
(PA) ANTINEOPLASTIC AGENTS
(NO) used in therapy of leukemia P388; RN not in Chemline 7/85; structure given in first source

Y-1979 see nizofenone

Y-4153 see 3-chlorocarpipramine

Y 5554 see Y-5554

Y-5554
(RN) 30087-33-3
(SY) 9-oxoxanthen-2-yl-alpha-propionic acid
(SY) Y 5554
(HM) *XANTHENE 3

Y 590
(RN) 70386-06-0
(SY) Y-590
(SY) 3,4-dihydro-1-methyl-6-(1,4,5,6-tetrahydro-4-methyl-6-oxo-3-pyridazinyl)-2(1H)-quinolinone
(HM) *QUINOLINES
(PA) PHOSPHODIESTERASE INHIBITORS
(PA) FIBRINOLYTIC AGENTS

Y-590 see Y 590

Y-849r see octapeptin antibiotics

Y 8894 see sufoxazine

Y-8894 see sufoxazine

Y-9179 see nizofenone

Y-9213 see miroprofen

Z acceptor protein see Z protein

zadine see azatadine

Z-Ala-Ala-ProCHN2 see benzyloxycarbonylalanyl-alanyl-proline diazomethyl ketone

Z-Ala-Leu-Arg-2-naphthylamide see benzyloxycarbonyl-alanyl-leucyl-arginine-2-naphthylamide

Z alpha 1-antitrypsin see alpha 1-antitrypsin, Z variant

Zami 1305
(RN) 72620-20-3
(HM) *PROPANOLAMINES
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS
(NO) structure given in first source

Zami 1327
(RN) 67971-73-7
(HM) *PROPANOLAMINES
(PA) ADRENERGIC BETA RECEPTOR BLOCKADERS
(NO) structure given in first source

ZAMI 420
(RN) 62087-96-1
(SY) ZAMI-420
(SY) N-acetylphenylalanyl-phenylalanyl-histidine methyl ester
(SY) N-Ac-Phe-Phe-His-Me
(HM) *OLIGOPEPTIDES
(PA) THROMBOXANE A2/antag

ZAMI-420 see ZAMI 420

zanchol see florantyrone

zanthoxylol
(RN) 13515-57-6
(SY) 4-hydroxy-3-(3-methyl-2-butenyl)benzenepropanol
(HM) *PHENOLS
(NO) RN from 10th CI Subs Index; cpd not in Chemline 7/29/83; structure given in first source

zaomycin see amphomycin

Z-5-(2-bromovinyl)-dUrd see 5-(2-bromovinyl)-2'-deoxyuridine

Z-Cit 4-NPHA see N-benzyloxycarbonylcitrulline 4-nitroanilide

zearalenol see alpha-zearalenol

trans-zearalenol see alpha-zearalenol

zearalenone reductase
(RN) EC 1.1.1.-
(HM) *ALCOHOL OXIDOREDUCTASES

zeatin riboside
(RN) 28542-78-1
(RR) 15896-46-5 ((cis-(Z))-isomer)
(RR) 6025-53-2 ((E)-isomer)
(SY) N-(4-hydroxy-3-methyl-2-butenyl)adenosine
(SY) ribosylzeatin
(HM) ISOPENTENYLADENOSINE/*analogs
(HM) ADENOSINE/*analogs
(II) PLANT HORMONES
(II) PLANT GROWTH REGULATORS
(NO) RN given refers to parent cpd

zeaxanthin
(RN) 144-68-3
(SY) beta-carotene-3,3'-diol
(HM) CAROTENE/*analogs
(NO) structure

zeaxanthin diepoxide see violaxanthin

zenazocine
(RN) 77272-67-4
(RR) 74559-85-6 (methanesulfonate salt(2alpha,6alpha,11S*)-(+-)-isomer)
(RR) 71425-32-6 (HCl(2alpha,6alpha,11S*)-(+-)-isomer)
(RR) 69979-61-9 ((2alpha,6alpha,11S*)-(-)-isomer)
(RR) 68681-47-0 (HCl(2S-(2alpha,6alpha,11S*))-isomer)
(RR) 68681-46-9 (HCl(2R-(2alpha,6alpha,11S*))-isomer)
(RR) 68681-43-6 ((2alpha,6alpha,11S*)-(+-)-isomer)
(RR) 68613-12-7 (HCl(2alpha,6alpha,11S*)-(+-)-isomer)
(SY) Win 42964
(SY) Win-42964
(HM) *AZOCINES
(PA) ANALGESICS, ADDICTIVE
(PA) NARCOTIC ANTAGONISTS
(NO) RN given refers to cpd without isomeric designation; structure given in first source

Zendium see Zendium toothpaste

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Zendium toothpaste
(SY) Zendium
(HM) *GLUCOSE OXIDASE
(HM) *EXO-1,4-ALPHA-GLUCOSIDASE
(II) TOOTHPASTE
(NO) polysaccharides broken down by glucosidase to glucose, which is transformed into glucuronate by glucose oxidase

Zenker's solution
(HM) *MERCURIC CHLORIDE
(HM) *CHROMATES
(HM) *SULFATES
(HM) DRUG COMBINATIONS
(PA) HEMOSTATICS
(NO) contains mercuric chloride, sodium sulfate, potassium dichromate & acetic acid

zeolite
(RN) 1318-02-1
(RR) 12173-10-3 (clinoptilolite)
(RR) 12726-09-9 (zeolite 13X)
(SY) clinoptilolite
(SY) hydrated alkali-aluminum silicate
(SY) erionite
(SY) zeolite A
(SY) zeolithe A
(SY) zeolite NaA
(SY) sodium aluminosilicate
(SY) silver sodium zeolite
(HM) *ALUMINUM SILICATES
(NO) RN given refers to cpd with unknown MF; an ammonia binder; structure

zeolite A see zeolite

zeolite NaA see zeolite

zeolithe A see zeolite

zetidoline
(RN) 51940-78-4
(SY) 1-(3-chlorophenyl)-3-(2-(3,3-dimethyl-1-azetidinyl)ethyl)imidazolidin-2-one
(SY) DL 308-IT
(SY) DL-308
(HM) *IMIDAZOLES
(PA) TRANQUILIZING AGENTS, MAJOR
(PA) ANTIMUSCARINIC AGENTS
(NO) structure given in first source

Z-GGAPA see benzyloxycarbonyl-glycyl-glycyl-arginine-4- nitroanilide

Z glucanase
(RN) EC 3.2.1.-
(SY) Z-glucanase
(HM) *BETA-GLUCOSIDASES
(NO) beta-glucanase component of zymolyase

Z-glucanase see Z glucanase

Z-Gly-Gly-Arg-para-nitroanilide see benzyloxycarbonyl-glycyl-glycyl-arginine-4- nitroanilide

Z-Gly-Gly-Leu-4-nitroanilide see benzyloxycarbonyl-glycyl-glycyl-leucine-4-nitroanilide

Z-Gly-Nph see N-benzyloxycarbonylglycine 4-nitrophenyl ester

Z-Gly-Phe-Cit 4-NPHA see benzyloxycarbonylglycyl-phenylalanyl-citrulline 4-nitroanilide

zhangguangmycin see zhengguangmycin

zhengguangmycin
(RN) 77108-50-0
(SY) zhengguangmycin A2
(SY) zhengguangmycin A5
(SY) zhengguangmycin B2
(SY) pingyangmycin
(SY) zhangguangmycin
(SY) zhengguangmycins
(HM) *BLEOMYCINS
(PA) ANTIBIOTICS, ANTINEOPLASTIC
(NO) antitumor antibiotic complex consisting of more than 10 components; produced by Streptomyces pingyangensis; zhengguangmycin A2 and A5 are identical to

zhengguangmycin A2 see zhengguangmycin

zhengguangmycin A5 see zhengguangmycin

zhengguangmycin B2 see zhengguangmycin

zhengguangmycins see zhengguangmycin

zidometacin
(RN) 62851-43-8
(SY) 1-(4-azidobenzoyl)-5-methoxy-2-methylindole-3-acetic acid
(SY) 1-(p-azidobenzoyl)-5-methoxy-2-methylindole-3-acetic acid
(HM) *INDOLEACETIC ACIDS
(PA) ANTI-INFLAMMATORY AGENTS

ZIK 1392
(RN) 81742-16-7
(SY) 5-bromosalicyl-4'-chloroanilide O-beta-D-xylopyranoside triacetate
(HM) *SALICYLIC ACIDS
(PA) ANTIFUNGAL AGENTS

Zimet 111-74
(SY) Zimet 11174
(SY) benzoxazolyl-2-formyl-S-ethyl-isothiosemicarbazone
(HM) *THIOSEMICARBAZONES
(PA) ANTIVIRAL AGENTS

Zimet 11174 see Zimet 111-74

ZIMET 176-68 see IMET 176-68

ZIMET 3164 see IMET 3146

Zimet 3393 see cytostasan

zimet 98-69 see IMET 98-69

Zimmer bone cement see methylmethacrylate

zinc acetate see acetic acid glacial

zinc acexamate see 6-acetylaminocaproic acid

zinc-alpha(2)-glycoprotein
(SY) Zn-alpha(2)-GP
(SY) glycoprotein, zinc-alpha(2)
(HM) *GLYCOPROTEINS

Zincaps see zinc sulfate

zinc binding ligand see zinc-binding protein

zinc binding protein see zinc-binding protein

zinc-binding protein
(SY) zinc binding ligand
(SY) zinc binding protein
(HM) *CARRIER PROTEINS
(II) ZINC
(NO) found in human milk; absence in cow's milk implicated as cause of infant acrodermatitis (severe zinc deficiency); found in rat sperm tail

zinc carbonate
(RN) 3486-35-9
(HM) *ZINC

zinc chelate-sepharose
(SY) Zn-sepharose
(HM) SEPHAROSE/*analogs
(II) INDICATORS AND REAGENTS
(NO) binds to interferon

zinc chloride
(RN) 7646-85-7
(RR) 24359-56-6 (65Zn-labeled cpd)
(HM) *ZINC
(NO) RN given refers to parent cpd

zinc chromate
(RN) 13530-65-9
(RR) 14018-95-2 ([H2Cr2O7] Zn salt[1:1])
(RR) 50922-29-7 (MF unknown basic Zn salt)
(RR) 7789-13-1 ([H2Cr2O7] Zn salt[1:1] trihydrate)
(RR) 15930-94-6 ([Zn2(CrO4)O] monohydrate)
(HM) *ZINC
(HM) *CHROMATES
(NO) RN given refers to [H2CrO4] Zn salt[1:1]

zinc citrate see citric acid

zinc corticotropin see adrenocorticotropin zinc

zinc dipicolinate see dipicolinic acid

zinc fluoride
(RN) 7783-49-5
(HM) *ZINC
(HM) *FLUORIDES
(II) MOUTHWASHES

zinc gluconate see gluconic acid

zinc glycinate
(RN) 14281-83-5
(HM) GLYCINE/*analogs
(II) NEOPLASM ANTIGENS
(NO) glycoprotein marker of gastrointestinal cancer

zinc hematoporphyrin
(RN) 13939-11-2
(SY) zinc porphyrin
(HM) *METALLOPORPHYRINS

zinc(II)-iminodiacetate agarose
(SY) Zn(+2)-IAA
(SY) zinc(II)-iminodiacetate-sepharose
(HM) *IMINO ACIDS
(HM) SEPHAROSE/*analogs

zinc(II)-iminodiacetate-sepharose see zinc(II)-iminodiacetate agarose

zinc iodide
(RN) 10139-47-6
(RR) 54683-44-2 (65Zn-labeled cpd)
(HM) *ZINC
(NO) used with osmium in stains; RN given refers to parent cpd

zinc iodide-osmium see osmium zinc iodide

zinc-metallo nuclease see endonuclease, Physarum polycephalum

zinc nitrate
(RN) 7779-88-6
(RR) 59470-67-6 (65Zn-labeled cpd)
(HM) *ZINC
(HM) *NITRATES

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zincon
(RN) 135-52-4
(SY) 2-carboxy-2'-hydroxy-5'-sulfoformazylbenzene
(HM) *AZO COMPOUNDS
(II) DYES
(NO) Raman spectrum probe dye known to from 1:1 complex with zinc; structure

zincophorin see antibiotic M144255

zinc peptidases see metalloproteinases

zinc phosphate
(RN) 13847-22-8
(RR) 14332-60-6 (Zn [1:1] salt
(RR) 13598-37-3 (Zn [2:1] salt
(RR) 7543-51-3 (Zn [2:3] salt tetrahydrate)
(HM) *ZINC
(HM) *PHOSPHATES
(NO) RN given refers to unspecified Zn salt; see also record for ZINC PHOSPHATE CEMENT RN 7779-90-0

zinc phosphide
(RN) 1314-84-7
(RR) 51810-70-9 (cpd with unknown MF)
(HM) *PHOSPHINES
(PA) RODENTICIDES
(NO) RN given refers to cpd with MF [Zn3P2]

zinc polyacrylate
(RN) 25916-47-6
(RR) 52051-57-7 (cpd with unknown MF)
(SY) Durelon
(SY) Durelon cement
(HM) *POLYCARBOXYLATE CEMENT
(II) DENTAL CEMENTS
(NO) RN given refers to homopolymer

zincpolyanemine see zinc pyrithione

zinc polyethylenethiuram disulphide see polymarcine

zinc porphyrin see zinc hematoporphyrin

zinc protoporphyrin
(RN) 15442-64-5
(SY) zinc protoporphyrin IX
(HM) *PROTOPORPHYRINS

zinc protoporphyrin IX see zinc protoporphyrin

zinc pyridinethione see zinc pyrithione

zinc pyrithione
(RN) 13463-41-7
(SY) zinc pyridinethione
(SY) ZPT
(SY) bis(N-oxopyridine-2-thionato)zinc (II)
(SY) zincpolyanemine
(HM) *PYRIDINES
(NO) ingredient of commercial anti-dandruff shampoos; structure

zinc selenide
(RN) 1315-09-9
(HM) *ZINC
(HM) *SELENIUM

zinc silicophosphate
(RN) 53096-49-4
(HM) *ZINC PHOSPHATE CEMENT
(HM) *SILICATE CEMENT
(NO) see also record for silicophosphate cement

zinc sulfate
(RN) 7733-02-0
(SY) Zincaps
(HM) *ZINC
(HM) *SULFATES

zinc sulfide
(RN) 1314-98-3
(HM) *ZINC
(HM) *SULFIDES

zinc-tetra(p-sulfophenyl)porphine see tetraphenylporphine sulfonate

zinc tetrasulfophthalocyanine see tetrasulfophthalocyanine

zinc thionein
(SY) Zn metallothionein
(HM) *METALLOTHIONEIN

zineb-polyethylene thiuram disulfide complex see polymarcine

zingerone
(RN) 122-48-5
(SY) 4-(4-hydroxy-3-methoxyphenyl)butan-2-one
(HM) GUAIACOL/*analogs
(NO) pungent principle of ginger; structure

zinterol
(RN) 37000-20-7
(RR) 38241-28-0 (HCl)
(RR) 56458-77-6 ((+-)-isomer)
(SY) MJ-9184-1
(HM) *ETHANOLAMINES
(PA) ADRENERGIC BETA RECEPTOR AGONISTS
(NO) RN given refers to parent cpd

zipeprol
(RN) 34758-83-3
(RR) 34758-84-4 (di-HCl)
(SY) 3024 CERM
(SY) respilene
(SY) 1-(2-methoxy-2-phenyl)ethyl- 4-(2-hydroxy-3-methoxy-3-phenyl)propylpiperazine
(HM) *PIPERAZINES
(PA) ANTITUSSIVE AGENTS
(NO) RN given refers to parent cpd; synonyms 3024 CERM & respilene refers to di-HCl; structure

zirconia see zirconium oxide

zirconium chloride oxide see zirconium oxychloride

zirconium oxide
(RN) 1314-23-4
(RR) 12164-98-6 (hydrate)
(RR) 56368-13-9 (95Zr-labeled cpd)
(SY) zirconia
(HM) *ZIRCONIUM
(NO) RN given refers to parent cpd

zirconium oxychloride
(RN) 7699-43-6
(RR) 13520-92-8 (octahydrate)
(SY) zirconium oxydichloride
(SY) zirconium chloride oxide
(HM) *ZIRCONIUM
(II) INDICATORS AND REAGENTS
(NO) RN given refers to parent cpd

zirconium oxydichloride see zirconium oxychloride

zirconium phosphate
(RN) 13765-95-2
(RR) 13772-29-7 (Zr(+4)salt[2:1])
(RR) 13933-56-7 (monohydrate[2:1])
(RR) 19527-81-2 (Na salt[3:1:2])
(RR) 15438-04-7 (Zr(+4) salt[4:3])
(RR) 28132-50-5 (Na salt[2:2:1])
(RR) 32774-02-0 (32P-labeled cpd)
(RR) 34370-53-1 (Na salt[2:1:1])
(RR) 15933-87-6 (Zr(+4) salt with unspecified ratio)
(RR) 13772-31-1 (Zr(+4) salt[2:1] dihydrate)
(RR) 59129-80-5 (Zr(+4) salt[2:1] trihydrate)
(RR) 53005-06-4 (Zr(+4) salt[4:1])
(SY) zirconyl phosphate
(SY) zirconyl phosphate gel
(HM) *ZIRCONIUM
(II) INDICATORS AND REAGENTS
(II) GELS
(NO) reagent for carcinoembryonic antigen determination in plasma from patients having benign or malignant disease; RN given refers to cpd with unspecified ratio

zirconyl phosphate see zirconium phosphate

zirconyl phosphate gel see zirconium phosphate

zitostop see mannosulfan

zixoryn see flumecinol

ZK-25095 see moxnidazole

ZK 25095 see moxnidazole

ZK 36 374 see ciloprost

ZK 38 005 see iodecol

ZK-57671 see sulprostone

ZK 62711 see rolipram

ZK 71677
(RN) 77698-96-5
(SY) ZK-71677
(SY) 15-deoxy-15,15-ethylenedioxy-16-phenoxy-17,18,19,20-tetranorprostaglandin F2alpha tris (hydroxymethyl)methylamine salt
(HM) PROSTAGLANDINS F, SYNTHETIC
(PA) LUTEOLYTIC AGENTS

ZK-71677 see ZK 71677

ZK-91296 see ZK 91296

ZK 91296
(RN) 83910-34-3
(SY) ethyl 5-benzyloxy-4-methoxymethyl-beta-carboline-3-carboxylate
(SY) ZK-91296
(HM) *CARBOLINES
(PA) ANTICONVULSANTS
(NO) structure in first source

ZK 93 423 see ZK 93423

ZK 93423
(RN) 83910-44-5
(SY) ZK-93423
(SY) ZK 93 423
(SY) 6-benzyloxy-4-methoxymethyl-beta-carboline-3-carboxylic acid ethyl ester
(HM) *CARBOLINES
(PA) ANTICONVULSANTS

ZK-93423 see ZK 93423

ZK 93 426 see ZK 93426

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ZK 93426
(RN) 89592-45-0
(SY) ZK-93426
(SY) ZK 93 426
(SY) 5-isopropoxy-4-methyl-beta-carboline-3-carboxylic acid ethyl ester
(HM) *CARBOLINES
(PA) ANTICONVULSANTS

ZK-93426 see ZK 93426

ZK 96480
(RN) 94079-80-8
(SY) ZK-96480
(SY) 13,14-didehydro-16,20-dimethyl-3-oxa-18,18,19,19-tetradehydro-6-carbaprostaglandin I2
(HM) *PROSTAGLANDINS X
(II) PROSTAGLANDINS, SYNTHETIC

ZK-96480 see ZK 96480

Z-Leu-Leu-Glu-2-naphthylamide see benzyloxycarbonyl-leucyl-leucyl-glutamine-2-naphthylamide

Z-Leu-NHOH see benzyloxycarbonyl-leucyl-hydroxamate

Z-N-(2)-lysine see N-(alpha)-benzyloxycarbonyllysine

Z-Lys-Nph see N-benzyloxycarbonyllysine 4-nitrophenyl ester

ZMFB see zoospore maintenance factor, Blastocladiella

Zn-Ala-Ala peptidase see Zn(2+)G D-alanyl-D-alanine peptidase

Zn(2+)G D-Ala-D-Ala peptidase see Zn(2+)G D-alanyl-D-alanine peptidase

Zn(2+)G D-alanyl-D-alanine peptidase
(RN) EC 3.4.17.-
(SY) D-alanyl-D-alanine peptidase, Zn(2+)G
(SY) Zn(2+)G D-Ala-D-Ala peptidase
(SY) Zn-Ala-Ala peptidase
(HM) *CARBOXYPEPTIDASES
(NO) involved in last step of peptidoglycan synthesis; resistant to penicillin; see also record for D-alanyl-D-alanine serine peptidases

Zn-alpha(2)-GP see zinc-alpha(2)-glycoprotein

Zn beta(1-24)ACTH see adrenocorticotropin zinc

Zn-Cd thionein see Cd-Zn-metallothionein

Zn(+2)-IAA see zinc(II)-iminodiacetate agarose

Zn metallothionein see zinc thionein

Zn-sepharose see zinc chelate-sepharose

zospatanol see zoapatle

zoapatle
(RN) 75419-15-7
(RR) 67359-28-8 ((2S-(2alpha,3beta,6E))-isomer)
(SY) zoapatanol
(HM) *OXEPINS
(PA) ABORTIFACIENT AGENTS, NON-STEROIDAL
(II) CONTRACEPTIVE AGENTS, FEMALE
(NO) aqueous extract of Mexican plant Montanoa tomentosa; RN given refers to ((2alpha(S*),3beta,6E)-(+-))-isomer; RN for cpd without isomeric designation not in Chemline 7/83

zofenopril
(HM) CAPTOPRIL/*analogs
(PA) KININASE II/antag
(PA) ANTIHYPERTENSIVE AGENTS
(NO) structure given in first source

zoladex see ICI 118630

Zolone see phosalone

zomax see zomepirac

zomepirac
(RN) 33369-31-2
(RR) 69442-88-2 (K salt)
(RR) 64092-48-4 (Na salt)
(SY) McN 2783-21-98
(SY) 5-(4-chlorobenzoyl)-1,4-dimethyl-1H-pyrrole-2-acetate dihydrate
(SY) zomepirac sodium
(SY) zomax
(HM) *TOLMETIN/analogs
(PA) ANALGESICS, ANTI-INFLAMMATORY
(PA) FIBRINOLYTIC AGENTS
(NO) RN given refers to parent cpd; structure

zomepirac glucuronide
(RN) 75871-31-7
(HM) *TOLMETIN/analogs
(NO) metabolite of zomepirac; structure in first source

zomepirac sodium see zomepirac

zometapine
(RN) 51022-73-2
(SY) CI 781
(SY) CI-781
(SY) 4-(3-chlorophenyl)-1,6,7,8-tetrahydro-1,3-dimethylpyrazolo(3,4-e)(1,4)diazepine
(HM) *AZEPINES
(PA) ANTIDEPRESSIVE AGENTS

zona pellucida glycoproteins
(SY) ZP2-GP
(SY) glycoprotein, ZP2
(SY) ZP2 glycoprotein
(SY) ZP3-GP
(SY) ZP1-GP
(SY) PPZA
(HM) *GLYCOPROTEINS
(II) ZONA PELLUCIDA
(II) ANTIGENS
(NO) major glycoproteins of zona

zonisamide
(RN) 68291-97-4
(RR) 68291-98-5 (mono-Na salt)
(SY) 3-sulfamoylmethyl-1,2-benzisoxazole
(SY) AD 810
(SY) AD-810
(SY) 1,2-benzisoxazole-3-methanesulfonamide
(HM) *ISOXAZOLES
(PA) ANTICONVULSANTS
(NO) RN given refers to parent cpd; structure in third source

zonyl
(RN) 67479-85-0
(RR) 82784-95-0 (zonyl FSJ)
(RR) 57534-41-5 (zonyl FSN)
(RR) 12713-26-7 (zonyl RP)
(RR) 67479-86-1 (zonyl FSP)
(RR) 57534-42-6 (zonyl FSB)
(RR) 37208-27-8 (zonyl A)
(RR) 57534-43-7 (zonyl FSA)
(SY) zonyl FSC
(HM) *SURFACE-ACTIVE AGENTS
(NO) RN given refers to zonyl FSC

zonyl FSC see zonyl

zoospore maintenance factor, Blastocladiella
(SY) ZMFB
(HM) *NUCLEOTIDES, CYCLIC
(II) BLASTOCLADIELLA
(II) SPORES, FUNGAL
(NO) SH-containing ribotide with encystment-blocking activity released during sporulation

zopiclone
(RN) 43200-80-2
(SY) RP 27 267
(SY) 6-(5-chloro-2-pyridyl)-6,7-dihydro- 7-oxo-5H-pyrrolo(3,4-b)pyrazin-5-yl 4-methyl-1-piperazinecarboxylate
(HM) *PIPERAZINES
(PA) HYPNOTICS AND SEDATIVES
(NO) structure

Zoran see Modicon

zorbamycin
(RN) 11056-20-5
(HM) COPPER
(PA) ANTIBIOTICS
(NO) antibiotic related to bleomycin & phleomycin

zorubicin see rubidazone

zotepine
(RN) 26615-21-4
(SY) 2-chloro-11-(2-dimethylaminoethoxy)dibenzo(b,f)thiepine
(HM) *DIBENZOTHIEPINS
(PA) TRANQUILIZING AGENTS, MAJOR
(NO) structure

ZPCK
(RN) 26049-94-5
(SY) benzyloxycarbonylphenylalanine chloromethyl ketone
(HM) *AMINO ACID CHLOROMETHYL KETONES
(II) INDICATORS AND REAGENTS
(NO) alkylates histidine residue at active center of bovine chymotrypsin

ZP2 glycoprotein see zona pellucida glycoproteins

ZP1-GP see zona pellucida glycoproteins

ZP2-GP see zona pellucida glycoproteins

ZP3-GP see zona pellucida glycoproteins

Z-Phe-Ala see N-benzyloxycarbonylphenylalanylalanine

Z-Phe-Ala-CHN2 see benzyloxycarbonylphenylalanylalanine diazomethyl ketone

Z-Phe-Arg-4-NMec see carbobenzoxy-L-phenylalanyl-L-arginine 4-methylcoumarinyl-7-amide

Z-Phe-Cit 4-NPHA see N-benzyloxycarbonylphenylalanyl-citrulline 4- nitroanilide

Z-PLG see carbobenzoxyprolyl-leucyl-glycinamide

Z-Pro-D-Leu see prolylleucine

Z-Pro-Leu-Gly-NH2 see carbobenzoxyprolyl-leucyl-glycinamide

Z-Pro-Prolinal see N-benzyloxycarbonyl-prolylprolinal

Z protease
(RN) EC 3.4.-
(SY) Z-protease
(HM) *PEPTIDE HYDROLASES
(NO) component of zymolyase

Z-protease see Z protease

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Z protein
(SY) aminoazo-dye-binding protein A
(SY) Z protein, fatty acid binding
(SY) Z acceptor protein
(HM) *CARRIER PROTEINS
(II) CYTOPLASM
(NO) cytoplasmic protein of 12,000 daltons present in liver, myocardium, intestinal mucosa & other tissues; proposed to be important in uptake & intracellular translocation of long-chain fatty acids by intestine & other tissue; binder of organic anions

Z protein, fatty acid binding see Z protein

Z-protein (muscle)
(SY) muscle Z protein
(HM) *MUSCLE PROTEINS
(NO) present in Z-bands of vertebrate skeletal muscle; MW 55,000

ZPT see zinc pyrithione

ZR-512 see altozar

Z-tryptophan see benzyloxycarbonyltryptophan

zuclomiphene
(RN) 15690-55-8
(RR) 14158-66-8 (HCl(Z)-isomer)
(RR) 55491-35-5 (unspecified citrate(Z)-isomer)
(RR) 7619-53-6 (citrate[1:1](Z)-isomer)
(HM) *CLOMIPHENE
(II) ISOMERISM
(NO) RN given refers to (Z)-isomer; see also records for enclomiphene and clomiphene

Z-Val-Prolinal see N-benzyloxycarbonyl-valylprolinal

Zw(a) antigen see platelet specific antigen PL(A1)

zwittergent see zwittergent 3-12

zwittergent 310
(RN) 15163-36-7
(SY) zwittergent-3-10
(HM) *AMMONIUM COMPOUNDS
(II) DETERGENTS

zwittergent-3-10 see zwittergent 310

zwittergent 3-12
(RN) 14933-08-5
(SY) zwittergent
(SY) TM 3-12
(SY) N-dodecyl-N,N-dimethylammonium-1-propane-3-sulfonate
(HM) *AMMONIUM COMPOUNDS
(II) DETERGENTS
(NO) zwitterionic detergent

zyljectin see butamben

zymolyase
(HM) *HYDROLASES
(NO) commercial prep from Arthrobacter used to remove cell walls from Neurospora crassa; contains a beta-glucanase (Z-glucanase) & a protease (Z-protease)

zymosterol
(RN) 128-33-6
(HM) *STEROLS

Z 326 see fentonium

Z 4828 see trofosfamide

Z-905 see pinazepam

10275-S see epitiostanol

10364-S see mepitiostane

105-056 see 2-chloro-11-(4-methyl-1-piperazinyl)-5H-dibenzo(b,e)(1,4)diazepine

106-094 see 11-(4-methyl-1-piperazinyl)-5H-dibenzo(b,e)(1,4) diazepine

11120-01-7 see sodium tungstate(VI)

11-4365A2 see antibiotics M-4365

(125)I-A55453 see A 55453

153C51
(RN) 2519-77-9
(SY) 1,7-bis(p-aminophenoxy)heptane
(HM) *HEPTANES
(PA) SCHISTOSOMICIDES
(NO) structure

1589 R.B. see pefloxacine

16-2443 see tisocromide

17190 R.P. see protizinic acid

17927 D
(RN) 74660-91-6
(SY) Carbapenam 17927-D
(HM) *THIENAMYCINS
(NO) from Streptomyces; structure given in first source

18-502 see 4-(2-hydroxy-3-tert-butylaminopropoxy)-2-methylindole

2064A see gilvocarcin V

20682 S see 20682-S

20682-S
(SY) 3,14-dihydroxy-6-oxo-N-cyclopropylmethylmorphinan methanesulfonate
(SY) S 20682
(SY) S-20682
(SY) 20682 S
(HM) *CYCLORPHAN/analogs
(PA) ANALGESICS
(PA) NARCOTIC ANTAGONISTS
(NO) structure

2-3A-C see triadenylyl-(2'-3')-adenylyl-cytidylic acid

239852 see NSC 239851

245C77 see BW 245C

2-5A see 2',5'-oligoadenylate

26-P see aliflurane

27753R.P.
(RN) 77164-65-9
(SY) Griselimycin, 1-(1-dodecyl-2-piperidinecarboxylic acid)-
(HM) PEPTIDES
(PA) ANTIBIOTICS, ANTITUBERCULAR
(NO) semisynthetic deriv of griselimycine; structure in first source

3'-T1 see 3'-monoiodothyronine

3-T1 see 3-monoiodothyronine

3071-70-3 see 3,3'-diethylthiatricarbocyanine

31252-S see perisoxal

3,2'-DL see 3,2'-difucosyllactose

33 A 74 see atracurium

3,3'-T2 see 3,3'-diiodothyronine

34-250 see bis(4-(3,4-dimethoxystyryl)hexahydro-4-indolinol)

3-5A see 3'-5'-oligoadenylate

3',5'-T2 see 3',5'-diiodothyronine

3,5-T2 see 3,5-diiodothyronine

351A see compound 351 A

35 972 R.P. see oltipraz

45K-A see 45K protein-actin complex

45-0088-S see 2-(2-chlorobenzoyl)-4-chloro-N-methyl-N'-glycylglycinanilide

450191-S see S 450191

480156S see 480156-S

480156 S see 480156-S

480156-S
(SY) 2-(4-(2-thiazolyloxy)phenyl)-2-methylacetic acid
(SY) 480156S
(SY) 480156 S
(HM) *PHENYLPROPIONATES
(PA) ANTI-INFLAMMATORY AGENTS
(NO) structure given in first source

53-32C see ticlopidine

554 L see tritoqualine

55843-86-2 see miroprofen

590-S see 1-phthalidyl-5-fluorouracil

593A see piperazinedione

60559-92-4 see MK-761

711389-S
(SY) 711389 S
(SY) 1-(1-(2-(3-isopropylamino-2-hydroxypropoxy)-3,6-dichlorophenyl)vinyl)-1H-imidazole
(HM) *PROPANOLAMINES
(PA) ANTI-ARRHYTHMIA AGENTS

711389 S see 711389-S

7302 see F 7302

7351 see pyronaridine

744-96 see adenosine-5'-(N-ethylcarboxamide)

744-98
(SY) 744 98
(HM) ADENOSINE/*analogs
(NO) structure

744 98 see 744-98

764-1 see Compound 764-1

765-21 see adenosine-5'-(N-ethylcarboxamide)

7720 see phenithionate

78-702 see 1,2-diethyl-1,3-bis(4-methoxyphenyl)-1-propene

8006 I see 8006-I

8006-I
(RN) 82029-16-1
(SY) antibiotic 8006-I
(SY) 8006 I
(HM) CAROTENOIDS
(PA) ANTIBIOTICS
(NO) from Amblyosporium spongiosum; unstable in presence of light or oxygen; has carotenoid structure

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838 D
(RN) 36148-80-8
(SY) 838-D
(HM) *METHANESULFONATES
(PA) ANTINEOPLASTIC AGENTS
(PA) ALKYLATING AGENTS

838-D see 838 D

85-190 see SAN 85-190

864 T see improsan

865 123 see 865-123

865-123
(RN) 21073-23-4
(SY) methanohexohydroisoindoline ethylguanidine hemisulfate
(SY) 865 123
(HM) *GUANIDINES
(PA) PARASYMPATHOLYTICS
(PA) ANESTHETICS, LOCAL
(PA) SYMPATHOLYTICS
(NO) structure

87/112 see nitrocefin

9002-05-5 see Factor Xa

987P see antigen 987P

993 C see 993C

993C
(RN) 4042-30-2
(SY) 993-C
(SY) 993 C
(SY) parvaquone
(SY) Wellcome 993C
(SY) 2-hydroxy-3-cyclohexyl-1,4-naphthoquinone
(HM) *NAPHTHOQUINONES
(PA) ANTIMALARIALS
(NO) structure given in first source

993-C see 993C

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